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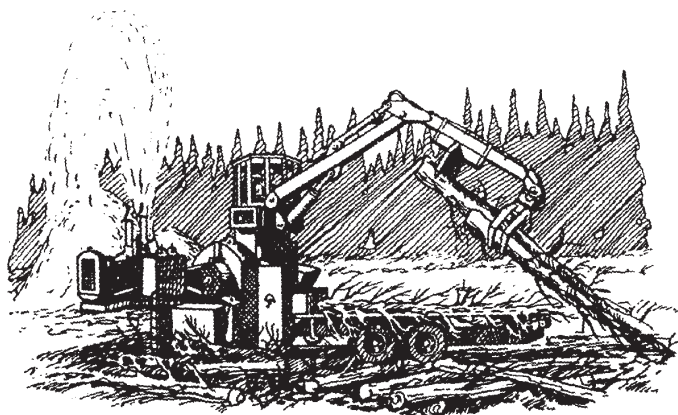
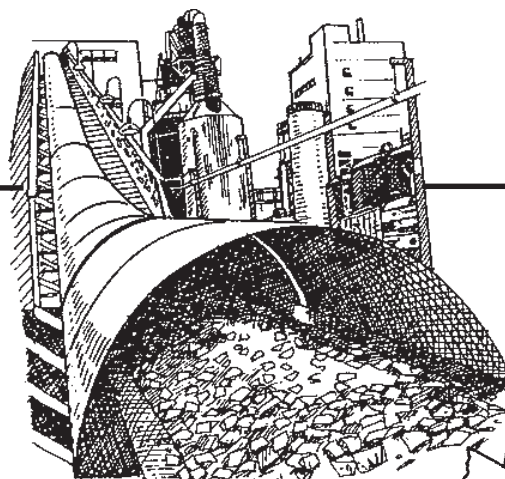


**Southern
Research Station**

Resource Bulletin
SRS-84

Southern Pulpwood Production, 2001

Tony G. Johnson and
Carolyn D. Steppleton



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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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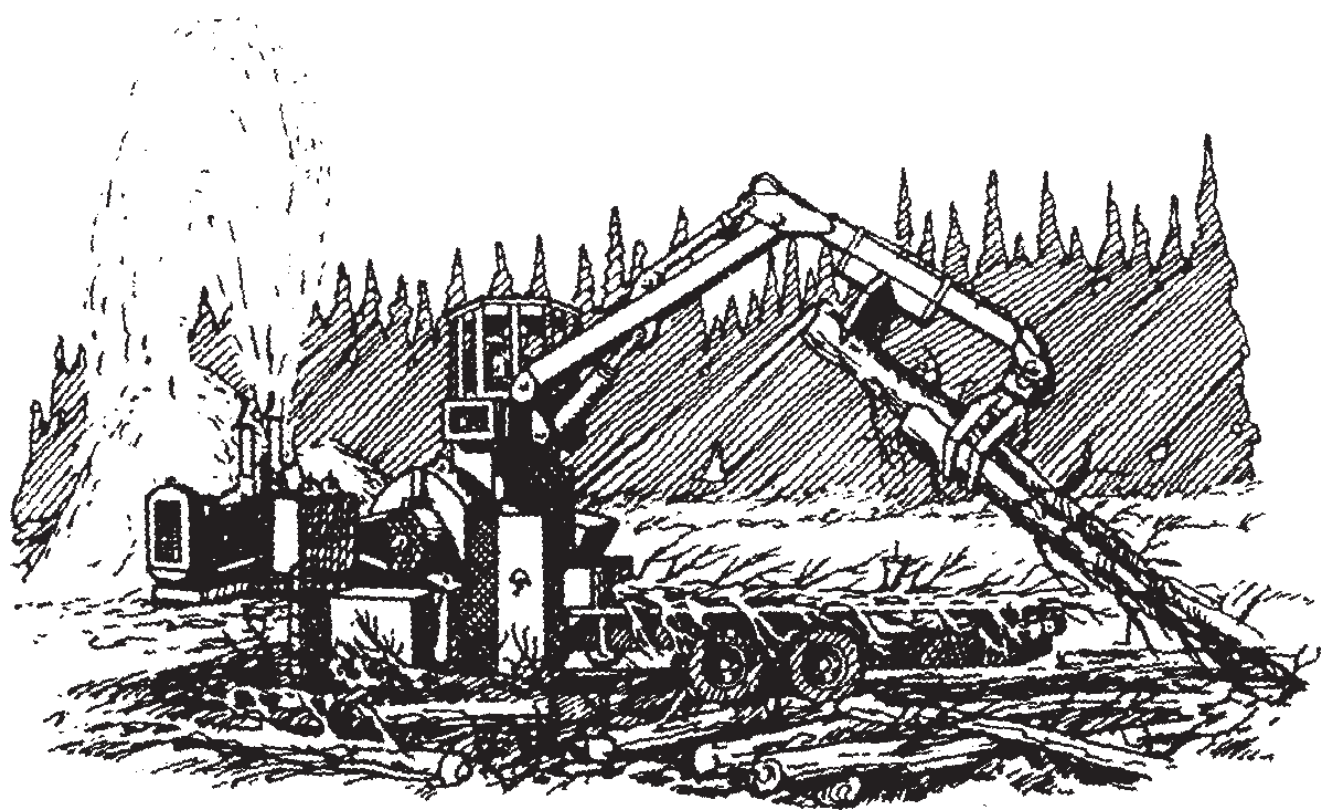
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Southern Pulpwood Production, 2001

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Introduction

This annual publication presents 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 U.S. Department of Agriculture, Forest Service, Southern Research Station. In 2001, 91 of the 94 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 using regional conversion factors. All production figures are reported in cords and do not include pulpwood exported out of the country. Production expressed in equivalent green tons is reported in tables 1, 2, and 7 through 19.

Pulpwood

In the Annual Pulpwood Statistics Summary Report 1997-2001 (Timber Mart-South: Market Newsletter 2002), the Forest Resources Association reported a continued decline in softwood and hardwood pulpwood roundwood receipts Southwide—from 238 million green tons in 2000 to 226 million green tons in 2001. In 2001, U.S. annual pulpwood production dropped to its lowest level since 1986. Eight U.S. pulpmills closed in 2001, making a total of 59 wood-using pulpmills that either have stopped using roundwood or have closed since 1989; and 20 of those are in the South. The same downward trend is reflected in this report, which

illustrates a fourth year of decline. Total southern pulpwood production, which includes both roundwood chipped at pulpmills or at independent chipmills, and other primary industry mill residues, was down 5 percent in 2001 to 63.5 million cords, or 167.1 million green tons. This decline follows a 2-percent decline in 1998 to 74.7 million cords, a 5-percent decline in 1999 to 71.1 million cords, and a 6-percent decline in 2000 to 66.6 million cords. In 2001, the South Central region's (Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas) pulpwood production declined 7 percent from 37.1 million cords to 34.5 million cords. The Southeast's (Florida, Georgia, North Carolina, South Carolina, and Virginia) production declined 2 percent from 29.6 million cords to 29.0 million cords (table 1). Alabama's pulpwood production declined 5 percent from 10.7 million cords in 2000 to 10.2 million cords in 2001, but still led the South in total pulpwood production (fig. 1). Georgia's production declined 3 percent to 10.0 million cords. Production in Mississippi was down by 10 percent to 6.9 million cords, with Louisiana's production down 7 percent to 6.4 million cords. South Carolina's production was down 1 percent to 5.6 million cords. Collectively, these five States accounted for 61 percent of the South's total production in 2001. Only Florida and Oklahoma reported production increases of 1 and 4 percent, respectively (table 2). Softwood roundwood and residues combined accounted for 68 percent of the total pulpwood production (table 3).

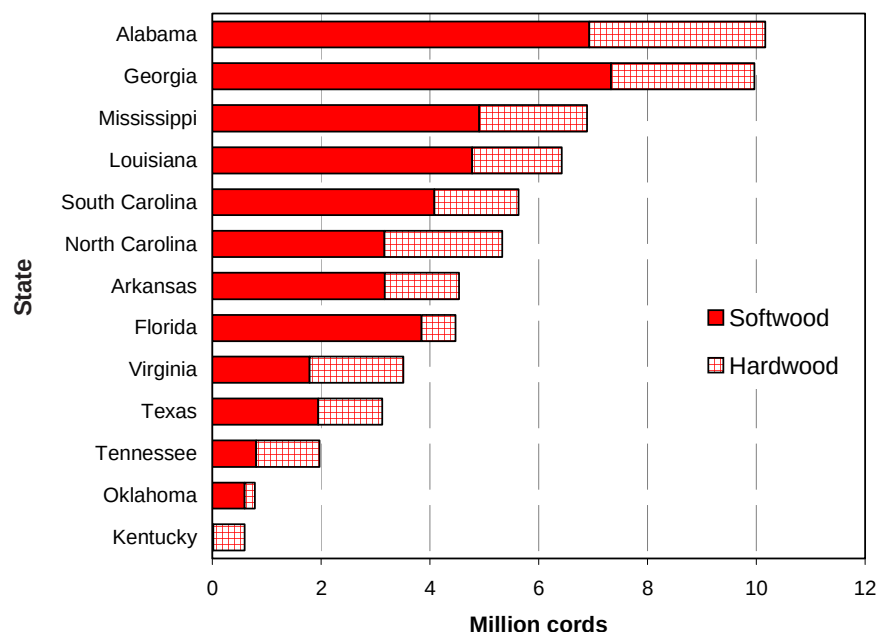


Figure 1—2001 pulpwood production by State and broad species.

Roundwood

Roundwood continues to be the primary fiber source used in pulp manufacture, accounting for 67 percent of the total pulpwood production (fig. 2). Overall, the South’s roundwood production was down 5 percent in 2001 to a total of 42.3 million cords (table 4). Softwood accounted for 66 percent of the total roundwood production. Softwood roundwood production was down 5 percent, while hardwood roundwood production declined 4 percent. Alabama led in total roundwood production, with 7.5 million cords, and was the leading producer of softwood and hardwood roundwood, at 5.0 and 2.5 million cords, respectively. Georgia ranked second in roundwood production with 6.7 million cords. Mississippi, Louisiana, and South Carolina followed with 4.3, 3.9, and 3.8 million cords, respectively. Combined production in all five States made up 62 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 wood residue was chipped in the woods or received as roundwood at a primary processor, i.e., sawmill or veneer mill, and subsequently chipped. Thus, an unknown proportion of chips received at pulpmills as residues should be treated as roundwood because it was not a byproduct of the milling process.

In 2001, wood residue production in the South also declined 5 percent, from 22.3 million cords in 2000 to 21.2 million cords (table 5). Seventy-three percent of wood residues produced were softwoods. Georgia led the Southern States in the production of wood residues at 3.3 million cords, followed by Alabama and Mississippi with 2.6 million cords each and Louisiana with 2.5 million cords (table 6). The South Central region led the Southeast region in wood residue production, supplying 55 percent of the total residue volume.

Parish or County Production

Tables 7 through 19 report county and parish (herein 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, 874 produced both softwood and hardwood roundwood compared to 893 in 2000. Of the producing counties, only nine harvested more than 250,000 cords of softwood and hardwood roundwood combined,

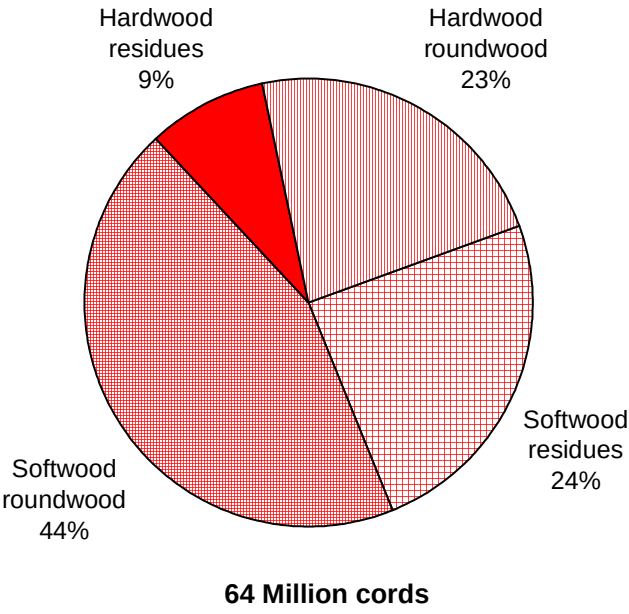


Figure 2—Distribution of total production by roundwood and residues.

with most of these counties in Alabama and Louisiana. Fourteen percent, or 117 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. Counties shown in the darkest shade are those that produced more than 100 cords per square mile. Across the South, 172 counties had production of more than 100 cords of softwood per square mile, while 30 counties had hardwood production in that range (table I).

A barometer for degree of competition is the number of mills procuring wood in a county (figs. 5 and 6). In 343 of the producing counties, or 39 percent, one to three mills

Table I—Number of producing counties in the South, by range of cords per square mile for softwood and hardwood roundwood, 2001

Range	Softwood	Hardwood
number of counties		
0	90	27
0.001–10.0	214	280
10.1–50.0	211	399
50.1–100.0	187	138
100.1–511.0	172	30
Total	874	874

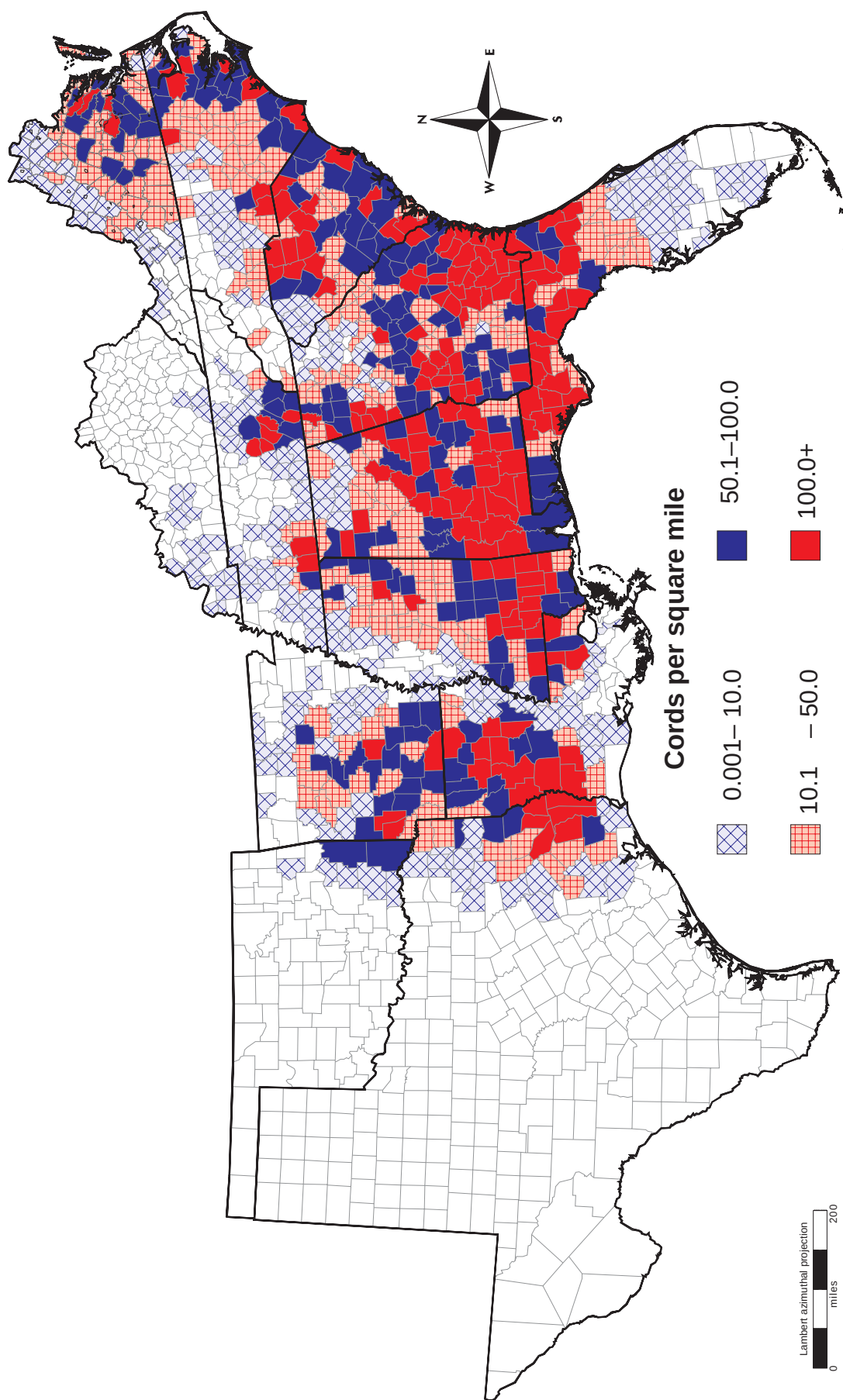


Figure 3—Softwood roundwood production in the South by county or parish, 2001.

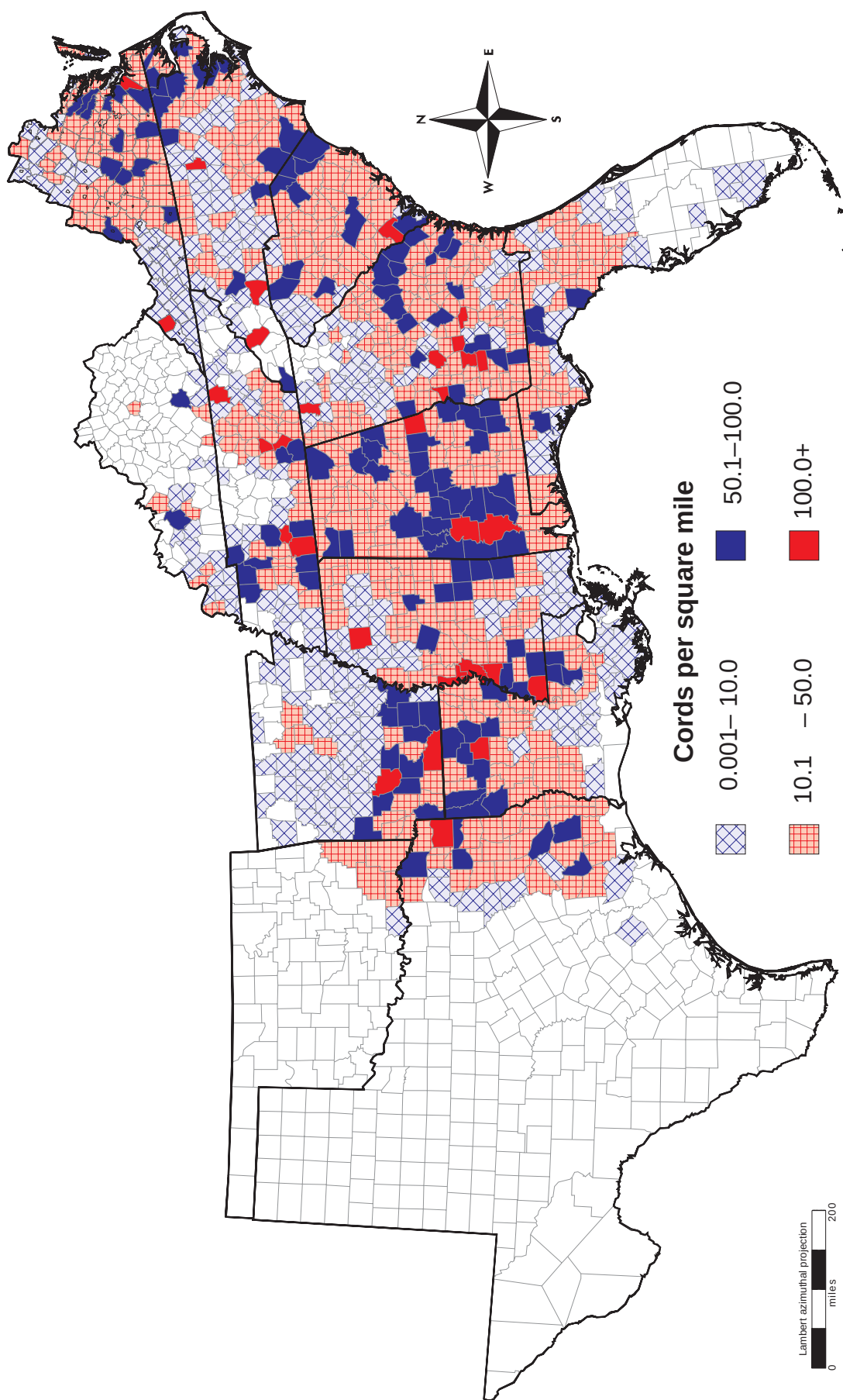


Figure 4—Hardwood roundwood production in the South by county or parish, 2001.

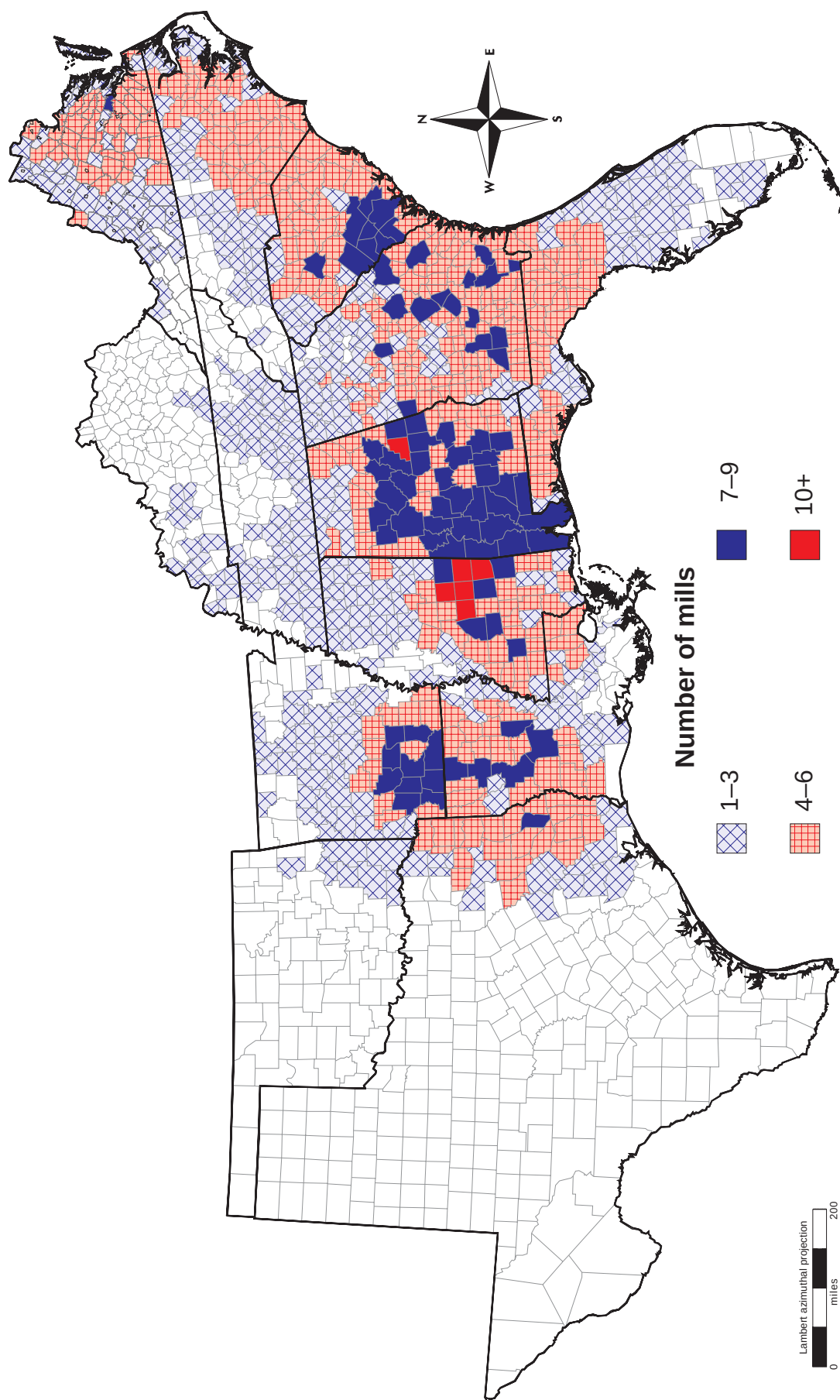


Figure 5—Number of mills competing for softwood roundwood by county or parish, 2001.

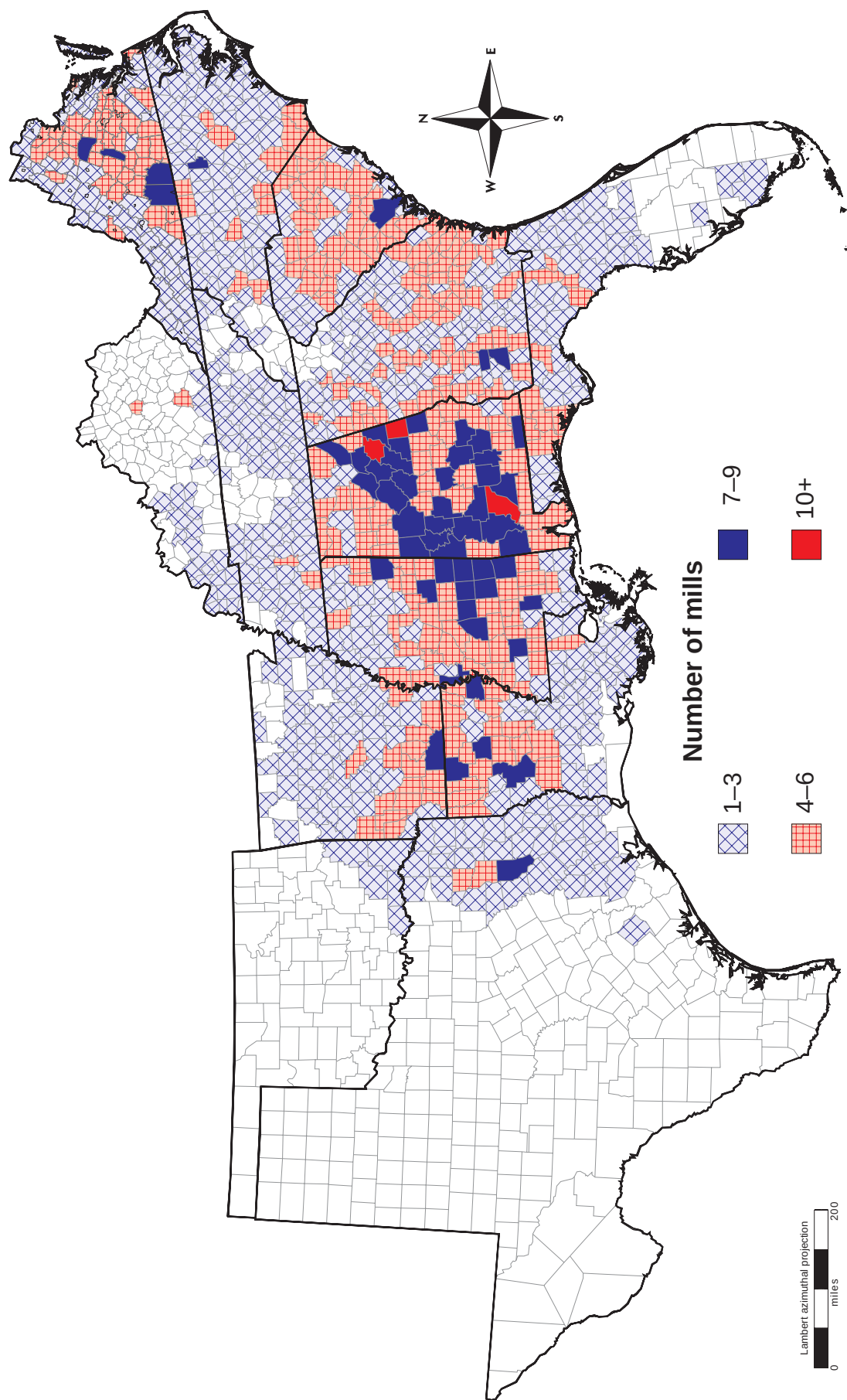


Figure 6—Number of mills competing for hardwood roundwood by county or parish, 2001.

were actively procuring both softwood and hardwood roundwood (table II). In 318 counties, or 37 percent, four to six mills were actively procuring wood; and in the remaining 213 counties, or 24 percent, seven 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 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.

Table II—Number of producing counties in the South by the number of pulpmills procuring softwood and hardwood roundwood, 2001

Number of mills	Total	Softwood	Hardwood
<i>number of counties</i>			
0	0	90	27
1–3	343	384	533
4–6	318	313	256
7–9	166	81	55
10+	47	6	3
Total	874	874	874

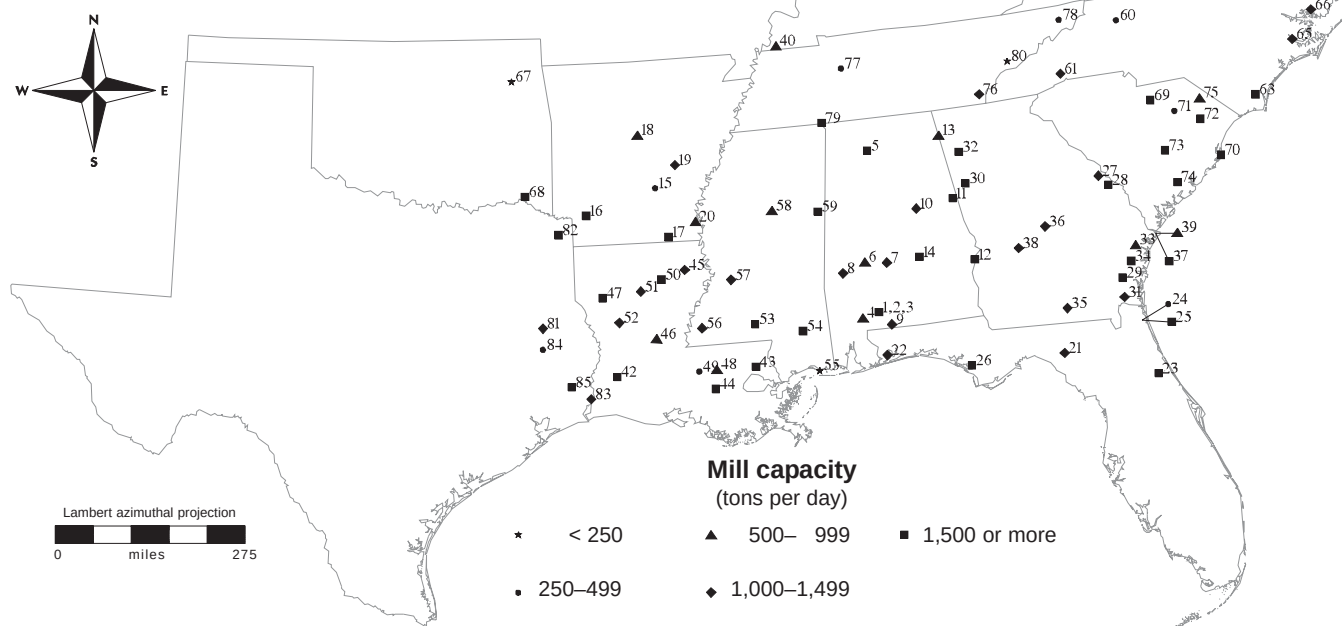


Figure 7—2001 capacity of southern pulpmills operating and drawing wood from the 13 Southern States. Numerals are coded on table 22.

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 mills in that State.

The South Central region was a net importer of roundwood pulpwood. For both softwood and hardwood combined, imports exceeded exports by 164,468 cords (tables 20 and 21). The Southeast was a net exporter of pulpwood with softwood and hardwood exports exceeding imports by 117,400 cords.

Mills

In 2001, 94 southern pulpmills were operating and drawing wood from the 13 Southern States (fig. 7), 4 fewer than in 2000. At the same time, total southern mill pulping capacity declined 6 percent from 130,337 tons per day in

2000 to 123,105 tons per day in 2001. However, due to mill closures and loss of mill capacity across the Nation, southern mills still account for more than 70 percent of the Nation's total pulping capacity. Daily capacity of individual mills ranged from 50 tons to more than 3,000 tons. In 1992, average pulpmill capacity was 1,295 tons per day, peaking in 1999 at 1,386 tons per day and dropping to 1,310 tons per day in 2001. The sulfate process dominated the industry in 2001, accounting for 88 percent of mill capacity. Groundwood or other mechanical processes accounted for 7 percent, semichemical 4 percent, and soda and other chemical processes 1 percent (table 22). Based on 2001 production and mill capacity, and using an average of 350 total operating days, southern pulpmills operated at 92-percent capacity.

Alabama and Georgia continued to lead the South in the number of mills operating with 14 and 13, respectively. Georgia led in pulping capacity with 20,170 tons per day, with Alabama next at 18,605 tons per day (table III). In addition, three pulpmills outside the Southern region drew wood from the South in 2001 (table 23).

Table III—Number of pulpmills and pulping capacity, by State, 2001

State	Mills	24-hour capacity tons
Alabama	14	18,605
Arkansas	6	7,240
Florida	6	8,500
Georgia	13	20,170
Kentucky	2	2,400
Louisiana	11	15,990
Mississippi	7	9,150
North Carolina	7	8,100
Oklahoma	2	2,200
South Carolina	7	10,820
Tennessee	5	4,225
Texas	5	6,695
Virginia	9	9,010
Total	94	123,105

Trends

From 1992 through 2001, southern pulpwood production declined 7 percent, from 68.6 to 63.5 million cords (fig. 8). During the same period, roundwood pulpwood production declined from 47.5 to 42.3 million cords, an 11-percent loss. Between 1992 and 2001, softwood roundwood production declined 13 percent, while hardwood roundwood production declined 7 percent. The production of wood residues increased 1 percent, from 21.1 million cords in 1992 to 21.2 million cords in 2001. As a proportion of total production for the 10-year period, wood residues peaked in 2000 and 2001 at 33 percent and continue to be an important source of fiber for the pulp and paper industry in the South.

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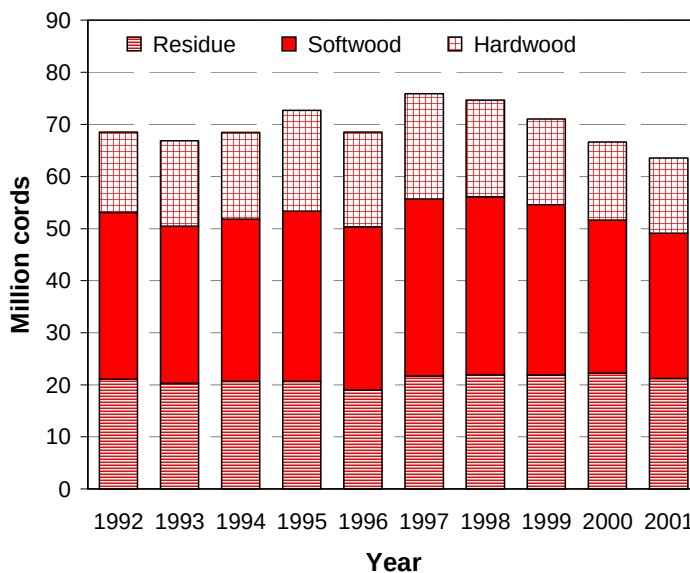


Figure 8—Southern pulpwood production, 1992–2001.

Table 1—Pulpwood production in the Southeast and South Central regions, 2001

Region and source of wood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Southeast^a						
Roundwood	19,410,281	13,644,185	5,766,096	52,984,368	36,839,299	16,145,069
Residues	9,646,656	6,721,480	2,925,176	23,375,719	16,165,160	7,210,559
Total	29,056,937	20,365,665	8,691,272	76,360,087	53,004,459	23,355,628
South Central^b						
Roundwood	22,918,946	14,280,275	8,638,671	62,745,023	38,556,744	24,188,279
Residues	11,560,146	8,863,278	2,696,868	27,963,963	21,316,183	6,647,780
Total	34,479,092	23,143,553	11,335,539	90,708,986	59,872,927	30,836,059
Entire South						
Roundwood	42,329,227	27,924,460	14,404,767	115,729,391	75,396,043	40,333,348
Residues	21,206,802	15,584,758	5,622,044	51,339,682	37,481,343	13,858,339
Total	63,536,029	43,509,218	20,026,811	167,069,073	112,877,386	54,191,687

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

^b States of Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas.

Table 2—Pulpwood production in the South during 2001, and change since 2000

State	Change	Pulpwood	
	<i>percent</i>	<i>standard cords</i>	<i>green tons</i>
Alabama	-5	10,163,644	26,958,666
Arkansas	-8	4,537,977	11,856,842
Florida	1	4,469,415	11,854,501
Georgia	-3	9,964,863	26,165,339
Kentucky	-11	592,337	1,525,236
Louisiana	-7	6,423,587	16,754,250
Mississippi	-10	6,888,522	18,002,427
North Carolina	-2	5,480,809	14,297,423
Oklahoma	4	781,956	2,019,290
South Carolina	-1	5,628,325	14,783,875
Tennessee	-7	1,966,662	5,338,656
Texas	-5	3,124,407	8,253,619
Virginia	-2	3,513,525	9,258,949
All States	-5	63,536,029	167,069,073

Table 3—Pulpwood production in the South by State and species group, 2001

State	All species	Softwood	Hardwood
<i>standard cords</i>			
Alabama	10,163,644	6,929,155	3,234,489
Arkansas	4,537,977	3,167,430	1,370,547
Florida	4,469,415	3,847,408	622,007
Georgia	9,964,863	7,331,243	2,633,620
Kentucky	592,337	16,853	575,484
Louisiana	6,423,587	4,775,211	1,648,376
Mississippi	6,888,522	4,908,564	1,979,958
North Carolina	5,480,809	3,316,470	2,164,339
Oklahoma	781,956	593,297	188,659
South Carolina	5,628,325	4,082,195	1,546,130
Tennessee	1,966,662	805,877	1,160,785
Texas	3,124,407	1,947,166	1,177,241
Virginia	3,513,525	1,788,349	1,725,176
All States	63,536,029	43,509,218	20,026,811

Table 4—Roundwood production in the South by State and species group, 2001 and 2000

	Change	2001			2000		
State	from	All			All		
	2000	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>percent</i>						
Alabama	-4	7,527.2	5,014.6	2,512.6	7,870.5	4,999.9	2,870.7
Arkansas	-6	2,767.2	1,656.3	1,111.0	2,928.4	1,902.1	1,026.4
Florida	-2	3,540.8	2,948.1	592.6	3,611.0	3,091.6	519.3
Georgia	-11	6,681.9	4,915.2	1,766.7	7,493.7	5,497.2	1,996.6
Kentucky	-13	199.2	14.8	184.4	228.2	13.9	214.3
Louisiana	-6	3,939.8	2,830.7	1,109.1	4,204.6	3,061.9	1,142.7
Mississippi	-10	4,252.5	2,695.9	1,556.5	4,718.3	2,755.3	1,963.0
North Carolina	-4	3,170.5	1,897.6	1,272.9	3,309.5	2,018.2	1,291.4
Oklahoma	-12	407.3	226.9	180.4	464.1	274.1	190.0
South Carolina	-2	3,768.9	2,689.8	1,079.1	3,849.5	2,774.0	1,075.5
Tennessee	-4	1,700.3	760.4	939.9	1,776.5	837.0	939.5
Texas	39	2,125.4	1,080.7	1,044.7	1,531.6	934.8	596.8
Virginia	-6	2,248.2	1,193.5	1,054.7	2,391.4	1,246.5	1,144.9
All States	-5	42,329.2	27,924.5	14,404.8	44,377.4	29,406.4	14,971.0

Numbers in rows may not sum to totals due to rounding.

Table 5—Southern output of wood residues for pulp manufacture by State and species group, 2001 and 2000

State	Change from 2000	2001			2000		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>percent</i>	<i>thousand cords</i>					
Alabama	-7	2,636.4	1,914.6	721.9	2,849.3	2,174.0	675.4
Arkansas	-12	1,770.7	1,511.2	259.6	2,009.1	1,758.4	250.8
Florida	14	928.6	899.3	29.4	816.2	771.9	44.4
Georgia	17	3,283.0	2,416.1	866.9	2,801.2	2,170.8	630.4
Kentucky	-10	393.2	2.1	391.1	438.7	6.1	432.6
Louisiana	-8	2,483.7	1,944.5	539.2	2,706.9	2,039.4	667.5
Mississippi	-11	2,636.1	2,212.6	423.4	2,973.5	2,327.2	646.4
North Carolina	1	2,310.3	1,418.9	891.4	2,283.1	1,427.3	855.8
Oklahoma	30	374.7	366.4	8.3	287.7	271.4	16.3
South Carolina	2	1,859.4	1,392.4	467.1	1,822.0	1,359.0	463.0
Tennessee	-22	266.4	45.5	220.9	341.2	47.2	294.0
Texas	-43	999.0	866.5	132.5	1,751.5	1,298.0	453.5
Virginia	7	1,265.3	594.9	670.4	1,178.9	540.8	638.0
All States	-5	21,206.8	15,584.8	5,622.0	22,259.4	16,191.3	6,068.1

Numbers in rows may not sum to totals due to rounding.

Table 6—Southern output of wood residues for pulp manufacture by State and type of residue, 2001

State	All types	Chips			Other residues ^a		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		thousand cords					
Alabama	2,636.4	2,636.4	1,914.6	721.9	0.0	0.0	0.0
Arkansas	1,770.7	1,770.7	1,511.2	259.6	0.0	0.0	0.0
Florida	928.6	928.6	899.3	29.4	0.0	0.0	0.0
Georgia	3,283.0	3,283.0	2,416.1	866.9	0.0	0.0	0.0
Kentucky	393.2	393.2	2.1	391.1	0.0	0.0	0.0
Louisiana	2,483.7	2,483.7	1,944.5	539.2	0.0	0.0	0.0
Mississippi	2,636.1	2,636.1	2,212.6	423.4	0.0	0.0	0.0
North Carolina	2,310.3	2,310.3	1,418.9	891.4	0.0	0.0	0.0
Oklahoma	374.7	374.7	366.4	8.3	0.0	0.0	0.0
South Carolina	1,859.4	1,859.4	1,392.4	467.1	0.0	0.0	0.0
Tennessee	266.4	266.4	45.5	220.9	0.0	0.0	0.0
Texas	999.0	999.0	866.5	132.5	0.0	0.0	0.0
Virginia	1,265.3	1,265.3	594.9	670.4	0.0	0.0	0.0
All States	21,206.8	21,206.8	15,584.8	5,622.0	0.0	0.0	0.0

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

Table 7—Roundwood pulpwood production in Alabama, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Autauga	108,438	72,830	35,608	296,343	196,641	99,702
Baldwin	174,886	137,797	37,089	475,901	372,052	103,849
Barbour	218,571	156,622	61,949	596,336	422,879	173,457
Bibb	96,329	69,092	27,237	262,812	186,548	76,264
Blount	34,093	7,951	26,142	94,666	21,468	73,198
Bullock	82,506	60,796	21,710	224,937	164,149	60,788
Butler	190,930	168,376	22,554	517,766	454,615	63,151
Calhoun	55,998	18,939	37,059	154,900	51,135	103,765
Chambers	134,779	72,608	62,171	370,121	196,042	174,079
Cherokee	52,825	32,839	19,986	144,626	88,665	55,961
Chilton	104,026	67,976	36,050	284,475	183,535	100,940
Choctaw	231,637	144,061	87,576	634,178	388,965	245,213
Clarke	416,566	236,453	180,113	1,142,739	638,423	504,316
Clay	119,990	93,750	26,240	326,597	253,125	73,472
Cleburne	133,972	101,956	32,016	364,926	275,281	89,645
Coffee	93,822	81,608	12,214	254,541	220,342	34,199
Colbert	91,125	50,867	40,258	250,063	137,341	112,722
Conecuh	334,652	283,959	50,693	908,629	766,689	141,940
Coosa	208,861	163,673	45,188	568,443	441,917	126,526
Covington	155,849	126,175	29,674	423,760	340,673	83,087
Crenshaw	93,459	74,412	19,047	254,244	200,912	53,332
Cullman	32,989	9,154	23,835	91,454	24,716	66,738
Dale	68,045	34,817	33,228	187,044	94,006	93,038
Dallas	183,666	128,485	55,181	501,417	346,910	154,507
De Kalb	32,736	7,217	25,519	90,939	19,486	71,453
Elmore	47,568	38,108	9,460	129,380	102,892	26,488
Escambia	198,040	151,101	46,939	539,402	407,973	131,429
Etowah	44,418	14,763	29,655	122,894	39,860	83,034
Fayette	63,219	44,576	18,643	172,555	120,355	52,200
Franklin	100,745	65,215	35,530	275,565	176,081	99,484
Geneva	52,518	41,751	10,767	142,876	112,728	30,148
Greene	86,127	40,572	45,555	237,098	109,544	127,554
Hale	100,849	57,169	43,680	276,660	154,356	122,304
Henry	65,067	25,880	39,187	179,600	69,876	109,724
Houston	43,656	23,667	19,989	119,870	63,901	55,969
Jackson	72,476	11,728	60,748	201,760	31,666	170,094
Jefferson	37,103	22,063	15,040	101,682	59,570	42,112
Lamar	53,764	29,970	23,794	147,542	80,919	66,623
Lauderdale	39,220	6,722	32,498	109,143	18,149	90,994
Lawrence	24,817	4,479	20,338	69,039	12,093	56,946
Lee	68,643	45,556	23,087	187,645	123,001	64,644
Limestone	12,345	3,349	8,996	34,231	9,042	25,189
Lowndes	80,795	45,887	34,908	221,637	123,895	97,742
Macon	57,320	33,564	23,756	157,140	90,623	66,517
Madison	11,898	2,087	9,811	33,106	5,635	27,471
Marengo	285,515	176,576	108,939	781,784	476,755	305,029
Marion	76,722	60,029	16,693	208,818	162,078	46,740
Marshall	14,014	387	13,627	39,201	1,045	38,156
Mobile	81,366	64,404	16,962	221,385	173,891	47,494
Monroe	320,073	251,479	68,594	871,056	678,993	192,063
Montgomery	53,862	38,116	15,746	147,002	102,913	44,089
Morgan	15,313	3,923	11,390	42,484	10,592	31,892
Perry	152,291	106,528	45,763	415,762	287,626	128,136
Pickens	64,704	22,063	42,641	178,965	59,570	119,395
Pike	113,364	67,875	45,489	310,632	183,263	127,369
Randolph	66,304	46,431	19,873	181,008	125,364	55,644
Russell	150,402	110,922	39,480	410,033	299,489	110,544
St. Clair	110,794	67,170	43,624	303,506	181,359	122,147
Shelby	129,337	92,735	36,602	352,871	250,385	102,486
Sumter	142,299	87,348	54,951	389,703	235,840	153,863
Talladega	96,772	67,338	29,434	264,228	181,813	82,415
Tallapoosa	182,636	143,284	39,352	497,053	386,867	110,186
Tuscaloosa	118,027	41,865	76,162	326,290	113,036	213,254
Walker	64,826	35,485	29,341	177,965	95,810	82,155
Washington	165,140	109,809	55,331	451,411	296,484	154,927
Wilcox	308,686	231,898	76,788	841,131	626,125	215,006
Winston	103,426	78,299	25,127	281,763	211,407	70,356
All counties	7,527,211	5,014,584	2,512,627	20,574,733	13,539,379	7,035,354

^a Counties with no pulpwood production are omitted.

Table 8—Roundwood pulpwood production in Arkansas, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Arkansas	5,382	1,001	4,381	14,970	2,703	12,267
Ashley	170,200	78,713	91,487	468,689	212,525	256,164
Baxter	142	142	0	383	383	0
Bradley	111,819	58,134	53,685	307,280	156,962	150,318
Calhoun	54,442	25,296	29,146	149,908	68,299	81,609
Carroll	37	27	10	101	73	28
Chicot	5,645	1,354	4,291	15,671	3,656	12,015
Clark	136,235	29,400	106,835	378,518	79,380	299,138
Cleburne	43,421	33,087	10,334	118,270	89,335	28,935
Cleveland	70,480	50,251	20,229	192,319	135,678	56,641
Columbia	69,479	44,718	24,761	190,070	120,739	69,331
Conway	42,837	38,642	4,195	116,079	104,333	11,746
Craighead	2,648	0	2,648	7,414	0	7,414
Crittenden	834	0	834	2,335	0	2,335
Cross	3,795	47	3,748	10,621	127	10,494
Dallas	92,644	57,301	35,343	253,673	154,713	98,960
Desha	56,929	0	56,929	159,401	0	159,401
Drew	121,309	55,162	66,147	334,149	148,937	185,212
Faulkner	15,454	6,318	9,136	42,640	17,059	25,581
Franklin	4,026	3,920	106	10,881	10,584	297
Fulton	323	313	10	873	845	28
Garland	11,127	10,558	569	30,100	28,507	1,593
Grant	127,970	122,165	5,805	346,100	329,846	16,254
Greene	412	0	412	1,154	0	1,154
Hempstead	62,139	40,748	21,391	169,915	110,020	59,895
Hot Spring	45,529	42,290	3,239	123,252	114,183	9,069
Howard	180,782	164,316	16,466	489,758	443,653	46,105
Independence	12,811	1,386	11,425	35,732	3,742	31,990
Jackson	752	732	20	2,032	1,976	56
Jefferson	35,109	31,652	3,457	95,140	85,460	9,680
Johnson	10,854	7,331	3,523	29,658	19,794	9,864
Lafayette	30,570	9,957	20,613	84,600	26,884	57,716
Lee	3,639	0	3,639	10,189	0	10,189
Lincoln	73,994	22,468	51,526	204,937	60,664	144,273
Little River	36,855	13,253	23,602	101,869	35,783	66,086
Logan	13,375	12,351	1,024	36,215	33,348	2,867
Lonoke	3,292	1,291	2,001	9,089	3,486	5,603
Marion	20	8	12	56	22	34
Miller	78,811	20,452	58,359	218,625	55,220	163,405
Mississippi	29	0	29	81	0	81
Monroe	1,673	200	1,473	4,664	540	4,124
Montgomery	2,448	1,496	952	6,705	4,039	2,666
Nevada	90,826	44,889	45,937	249,824	121,200	128,624
Newton	30	0	30	84	0	84
Ouachita	89,176	51,742	37,434	244,518	139,703	104,815
Perry	35,512	30,415	5,097	96,393	82,121	14,272
Phillips	1,138	0	1,138	3,186	0	3,186
Pike	77,022	46,729	30,293	210,988	126,168	84,820
Polk	114,051	48,703	65,348	314,472	131,498	182,974
Pope	17,321	13,422	3,899	47,156	36,239	10,917
Prairie	1,854	480	1,374	5,143	1,296	3,847
Pulaski	19,127	17,705	1,422	51,786	47,804	3,982
St. Francis	186	0	186	521	0	521
Saline	65,867	63,640	2,227	178,064	171,828	6,236
Scott	8,672	8,431	241	23,439	22,764	675
Searcy	1,101	789	312	3,004	2,130	874
Sebastian	463	337	126	1,263	910	353
Sevier	176,285	168,874	7,411	476,711	455,960	20,751
Stone	12,194	5,890	6,304	33,554	15,903	17,651
Union	250,806	115,441	135,365	690,713	311,691	379,022
Van Buren	31,222	24,219	7,003	84,999	65,391	19,608
Washington	10	0	10	28	0	28
White	11,273	10,473	800	30,517	28,277	2,240
Yell	22,830	17,594	5,236	62,165	47,504	14,661
All counties	2,767,238	1,656,253	1,110,985	7,582,644	4,471,885	3,110,759

^a Counties with no pulpwood production are omitted.

Table 9—Roundwood pulpwood production in Florida, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alachua	132,688	119,706	12,982	359,556	323,206	36,350
Baker	94,998	93,250	1,748	256,669	251,775	4,894
Bay	101,047	97,964	3,083	273,135	264,503	8,632
Bradford	34,735	27,452	7,283	94,512	74,120	20,392
Brevard	6,993	6,993	0	18,881	18,881	0
Calhoun	92,440	73,850	18,590	251,447	199,395	52,052
Citrus	24,421	17,506	6,915	66,628	47,266	19,362
Clay	49,574	43,863	5,711	134,421	118,430	15,991
Collier	156	120	36	425	324	101
Columbia	141,317	124,415	16,902	383,247	335,921	47,326
De Soto	599	0	599	1,677	0	1,677
Dixie	137,963	97,297	40,666	376,567	262,702	113,865
Duval	74,230	69,852	4,378	200,858	188,600	12,258
Escambia	77,783	52,433	25,350	212,549	141,569	70,980
Flagler	64,534	49,420	15,114	175,753	133,434	42,319
Franklin	17,733	17,718	15	47,881	47,839	42
Gadsden	153,659	138,216	15,443	416,423	373,183	43,240
Gilchrist	23,159	16,749	6,410	63,170	45,222	17,948
Gulf	120,097	111,981	8,116	325,074	302,349	22,725
Hamilton	114,956	100,129	14,827	311,864	270,348	41,516
Hardee	5,883	5,883	0	15,884	15,884	0
Hendry	9,484	9,440	44	25,611	25,488	123
Hernando	19,932	15,782	4,150	54,231	42,611	11,620
Highlands	30	30	0	81	81	0
Hillsborough	3,886	3,886	0	10,492	10,492	0
Holmes	96,578	81,234	15,344	262,295	219,332	42,963
Indian River	777	777	0	2,098	2,098	0
Jackson	147,797	122,662	25,135	401,565	331,187	70,378
Jefferson	117,297	76,012	41,285	320,830	205,232	115,598
Lafayette	84,992	71,150	13,842	230,863	192,105	38,758
Lake	13,457	11,728	1,729	36,507	31,666	4,841
Leon	78,776	67,353	11,423	213,837	181,853	31,984
Levy	86,599	56,476	30,123	236,829	152,485	84,344
Liberty	102,640	84,915	17,725	278,901	229,271	49,630
Madison	114,428	61,188	53,240	314,280	165,208	149,072
Marion	90,735	69,992	20,743	247,058	188,978	58,080
Nassau	135,978	116,268	19,710	369,112	313,924	55,188
Okaloosa	71,928	63,784	8,144	195,020	172,217	22,803
Okeechobee	10	10	0	27	27	0
Orange	6,982	6,943	39	18,855	18,746	109
Osceola	4,076	4,076	0	11,005	11,005	0
Pasco	14,454	11,688	2,766	39,303	31,558	7,745
Polk	3,497	3,497	0	9,442	9,442	0
Putnam	90,021	75,639	14,382	244,495	204,225	40,270
St. Johns	84,028	69,552	14,476	228,323	187,790	40,533
St. Lucie	4,045	4,045	0	10,922	10,922	0
Santa Rosa	83,218	70,480	12,738	225,962	190,296	35,666
Sarasota	1,943	1,943	0	5,246	5,246	0
Seminole	777	777	0	2,098	2,098	0
Sumter	26,563	19,648	6,915	72,412	53,050	19,362
Suwannee	37,290	33,110	4,180	101,101	89,397	11,704
Taylor	239,764	232,087	7,677	648,131	626,635	21,496
Union	74,047	66,432	7,615	200,688	179,366	21,322
Volusia	51,125	42,136	8,989	138,936	113,767	25,169
Wakulla	17,948	17,494	454	48,505	47,234	1,271
Walton	57,853	48,642	9,211	157,124	131,333	25,791
Washington	98,866	62,474	36,392	270,578	168,680	101,898
All counties	3,540,786	2,948,147	592,639	9,619,384	7,959,996	1,659,388

^a Counties with no pulpwood production are omitted.

Table 10—Roundwood pulpwood production in Georgia, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Appling	165,069	148,953	16,116	447,298	402,173	45,125
Atkinson	46,775	45,498	1,277	126,421	122,845	3,576
Bacon	57,161	45,523	11,638	155,498	122,912	32,586
Baker	37,707	28,082	9,625	102,771	75,821	26,950
Baldwin	27,800	19,930	7,870	75,847	53,811	22,036
Banks	502	502	0	1,355	1,355	0
Barrow	2,443	0	2,443	6,840	0	6,840
Bartow	38,584	30,384	8,200	104,997	82,037	22,960
Ben Hill	78,900	34,274	44,626	217,493	92,540	124,953
Berrien	18,550	11,861	6,689	50,754	32,025	18,729
Bibb	25,671	21,560	4,111	69,723	58,212	11,511
Bleckley	7,399	6,935	464	20,024	18,725	1,299
Brantley	151,842	137,265	14,577	411,432	370,616	40,816
Brooks	23,776	15,801	7,975	64,993	42,663	22,330
Bryan	55,167	37,835	17,332	150,685	102,155	48,530
Bulloch	74,007	40,704	33,303	203,149	109,901	93,248
Burke	146,324	78,628	67,696	401,845	212,296	189,549
Butts	14,074	12,037	2,037	38,204	32,500	5,704
Calhoun	36,907	26,346	10,561	100,705	71,134	29,571
Camden	118,986	104,288	14,698	322,732	281,578	41,154
Candler	50,234	40,168	10,066	136,639	108,454	28,185
Carroll	63,271	60,037	3,234	171,155	162,100	9,055
Catoosa	4,121	3,910	211	11,148	10,557	591
Charlton	93,176	85,631	7,545	252,330	231,204	21,126
Chatham	65,282	43,445	21,837	178,446	117,302	61,144
Chattahoochee	49,724	22,951	26,773	136,932	61,968	74,964
Chattooga	41,078	32,160	8,918	111,802	86,832	24,970
Cherokee	40,801	37,921	2,880	110,451	102,387	8,064
Clay	19,821	18,160	1,661	53,683	49,032	4,651
Clayton	51	38	13	139	103	36
Clinch	110,253	98,987	11,266	298,810	267,265	31,545
Cobb	310	52	258	862	140	722
Coffee	87,615	78,249	9,366	237,497	211,272	26,225
Colquitt	24,939	19,850	5,089	67,844	53,595	14,249
Columbia	13,951	9,606	4,345	38,102	25,936	12,166
Cook	5,845	3,209	2,636	16,045	8,664	7,381
Coweta	16,927	16,316	611	45,764	44,053	1,711
Crawford	68,304	37,037	31,267	187,548	100,000	87,548
Crisp	67,911	13,268	54,643	188,824	35,824	153,000
Dade	11,774	3,110	8,664	32,656	8,397	24,259
Dawson	12,255	8,859	3,396	33,428	23,919	9,509
Decatur	89,644	62,570	27,074	244,746	168,939	75,807
De Kalb	542	538	4	1,464	1,453	11
Dodge	78,368	43,114	35,254	215,119	116,408	98,711
Dooly	49,939	39,497	10,442	135,880	106,642	29,238
Dougherty	59,934	14,245	45,689	166,391	38,462	127,929
Douglas	2,372	2,226	146	6,419	6,010	409
Early	51,111	42,939	8,172	138,817	115,935	22,882
Echols	124,883	111,545	13,338	338,518	301,172	37,346
Effingham	121,736	89,740	31,996	331,887	242,298	89,589
Elbert	7,427	6,614	813	20,134	17,858	2,276
Emanuel	116,241	82,554	33,687	317,220	222,896	94,324
Evans	28,483	16,661	11,822	78,087	44,985	33,102

continued

Table 10—Roundwood pulpwood production in Georgia, 2001 (continued)

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Fannin	8,349	7,163	1,186	22,661	19,340	3,321
Fayette	1,852	1,574	278	5,028	4,250	778
Floyd	59,724	50,890	8,834	162,138	137,403	24,735
Forsyth	7,303	6,348	955	19,814	17,140	2,674
Franklin	146	7	139	408	19	389
Fulton	22,145	20,237	1,908	59,982	54,640	5,342
Gilmer	20,549	19,787	762	55,559	53,425	2,134
Glascocock	14,213	7,449	6,764	39,051	20,112	18,939
Glynn	134,958	116,277	18,681	366,255	313,948	52,307
Gordon	19,654	18,552	1,102	53,176	50,090	3,086
Grady	83,214	38,616	44,598	229,137	104,263	124,874
Greene	7,099	4,712	2,387	19,406	12,722	6,684
Gwinnett	6,150	5,088	1,062	16,712	13,738	2,974
Hall	21	21	0	57	57	0
Hancock	58,418	42,600	15,818	159,310	115,020	44,290
Haralson	42,513	39,113	3,400	115,125	105,605	9,520
Harris	46,475	34,556	11,919	126,674	93,301	33,373
Hart	11	11	0	30	30	0
Heard	60,556	56,984	3,572	163,859	153,857	10,002
Henry	7,917	6,239	1,678	21,543	16,845	4,698
Houston	12,923	12,258	665	34,959	33,097	1,862
Irwin	27,533	15,478	12,055	75,545	41,791	33,754
Jackson	989	927	62	2,677	2,503	174
Jasper	19,361	13,167	6,194	52,894	35,551	17,343
Jeff Davis	67,659	45,668	21,991	184,879	123,304	61,575
Jefferson	47,850	20,248	27,602	131,956	54,670	77,286
Jenkins	54,409	26,707	27,702	149,675	72,109	77,566
Johnson	32,432	18,411	14,021	88,969	49,710	39,259
Jones	26,189	21,794	4,395	71,150	58,844	12,306
Lamar	12,202	9,558	2,644	33,210	25,807	7,403
Lanier	9,293	8,886	407	25,132	23,992	1,140
Laurens	29,118	18,673	10,445	79,663	50,417	29,246
Lee	72,475	35,289	37,186	199,401	95,280	104,121
Liberty	92,068	63,029	29,039	251,487	170,178	81,309
Lincoln	10,963	6,855	4,108	30,011	18,509	11,502
Long	114,888	78,478	36,410	313,839	211,891	101,948
Lowndes	45,487	37,600	7,887	123,604	101,520	22,084
Lumpkin	8,156	8,067	89	22,030	21,781	249
Macon	94,219	53,188	41,031	258,495	143,608	114,887
Madison	3,755	149	3,606	10,499	402	10,097
Marion	66,144	55,115	11,029	179,692	148,811	30,881
McDuffie	16,444	5,827	10,617	45,461	15,733	29,728
McIntosh	115,800	96,116	19,684	314,628	259,513	55,115
Meriwether	59,406	50,175	9,231	161,320	135,473	25,847
Miller	14,815	11,183	3,632	40,364	30,194	10,170
Mitchell	68,754	42,759	25,995	188,235	115,449	72,786
Monroe	33,494	26,463	7,031	91,137	71,450	19,687
Montgomery	34,723	24,517	10,206	94,773	66,196	28,577
Morgan	5,711	1,506	4,205	15,840	4,066	11,774
Murray	61,620	24,608	37,012	170,076	66,442	103,634
Muscogee	9,746	4,920	4,826	26,797	13,284	13,513
Newton	14,457	13,840	617	39,096	37,368	1,728

continued

Table 10—Roundwood pulpwood production in Georgia, 2001 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Oconee	2,960	2,390	570	8,049	6,453	1,596
Oglethorpe	5,373	4,316	1,057	14,613	11,653	2,960
Paulding	40,364	33,813	6,551	109,638	91,295	18,343
Peach	3,887	3,866	21	10,497	10,438	59
Pickens	20,596	17,659	2,937	55,903	47,679	8,224
Pierce	68,403	58,114	10,289	185,717	156,908	28,809
Pike	5,001	4,957	44	13,507	13,384	123
Polk	37,768	31,787	5,981	102,572	85,825	16,747
Pulaski	13,475	10,389	3,086	36,691	28,050	8,641
Putnam	47,063	41,543	5,520	127,622	112,166	15,456
Quitman	32,082	28,996	3,086	86,930	78,289	8,641
Rabun	19	19	0	51	51	0
Randolph	84,925	69,594	15,331	230,831	187,904	42,927
Richmond	24,968	10,559	14,409	68,854	28,509	40,345
Rockdale	1,205	1,182	23	3,255	3,191	64
Schley	30,117	23,002	7,115	82,027	62,105	19,922
Screven	81,746	47,531	34,215	224,136	128,334	95,802
Seminole	26,880	19,406	7,474	73,323	52,396	20,927
Spalding	8,528	6,491	2,037	23,230	17,526	5,704
Stewart	142,509	111,170	31,339	387,908	300,159	87,749
Sumter	80,978	58,037	22,941	220,935	156,700	64,235
Talbot	91,297	78,881	12,416	247,744	212,979	34,765
Taliaferro	8,323	3,464	4,859	22,958	9,353	13,605
Tattnall	41,707	26,735	14,972	114,107	72,185	41,922
Taylor	39,827	39,320	507	107,584	106,164	1,420
Telfair	72,003	62,682	9,321	195,340	169,241	26,099
Terrell	27,885	23,856	4,029	75,692	64,411	11,281
Thomas	35,191	25,786	9,405	95,956	69,622	26,334
Tift	1,823	1,190	633	4,985	3,213	1,772
Toombs	48,917	40,642	8,275	132,903	109,733	23,170
Treutlen	26,416	18,267	8,149	72,138	49,321	22,817
Troup	58,311	29,487	28,824	160,322	79,615	80,707
Turner	11,485	8,677	2,808	31,290	23,428	7,862
Twiggs	47,434	37,949	9,485	129,020	102,462	26,558
Union	1,166	1,166	0	3,148	3,148	0
Upson	26,389	23,662	2,727	71,523	63,887	7,636
Walker	30,797	20,410	10,387	84,191	55,107	29,084
Walton	2,191	537	1,654	6,081	1,450	4,631
Ware	137,330	133,682	3,648	371,155	360,941	10,214
Warren	35,730	23,290	12,440	97,715	62,883	34,832
Washington	108,014	50,436	57,578	297,395	136,177	161,218
Wayne	172,922	154,304	18,618	468,751	416,621	52,130
Webster	31,771	25,116	6,655	86,447	67,813	18,634
Wheeler	43,327	33,021	10,306	118,014	89,157	28,857
White	465	465	0	1,256	1,256	0
Whitfield	35,162	32,277	2,885	95,226	87,148	8,078
Wilcox	28,690	23,120	5,570	78,020	62,424	15,596
Wilkes	32,781	19,746	13,035	89,812	53,314	36,498
Wilkinson	59,038	30,535	28,503	162,253	82,445	79,808
Worth	76,336	42,366	33,970	209,504	114,388	95,116
All counties	6,681,892	4,915,186	1,766,706	18,217,791	13,271,010	4,946,781

^a Counties with no pulpwood production are omitted.

Table 11—Roundwood pulpwood production in Kentucky, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Ballard	4,068	513	3,555	11,339	1,385	9,954
Bell	357	0	357	1,000	0	1,000
Breckinridge	9,391	0	9,391	26,295	0	26,295
Butler	19,037	60	18,977	53,298	162	53,136
Caldwell	4,835	1,549	3,286	13,383	4,182	9,201
Calloway	1,519	683	836	4,185	1,844	2,341
Carlisle	9,683	68	9,615	27,106	184	26,922
Christian	79	79	0	213	213	0
Clark	7,729	0	7,729	21,641	0	21,641
Clinton	3,815	0	3,815	10,682	0	10,682
Crittenden	6,213	3,368	2,845	17,060	9,094	7,966
Edmonson	1,505	166	1,339	4,197	448	3,749
Fulton	1,854	0	1,854	5,191	0	5,191
Graves	6,364	1,568	4,796	17,663	4,234	13,429
Grayson	4,856	307	4,549	13,566	829	12,737
Hickman	1,878	0	1,878	5,258	0	5,258
Hopkins	2,284	1,660	624	6,229	4,482	1,747
Laurel	43,163	327	42,836	120,824	883	119,941
Livingston	7,164	1,548	5,616	19,905	4,180	15,725
Lyon	3,845	0	3,845	10,766	0	10,766
Marshall	3,231	2,281	950	8,819	6,159	2,660
McCracken	796	0	796	2,229	0	2,229
McCreary	4,808	173	4,635	13,445	467	12,978
McLean	449	0	449	1,257	0	1,257
Metcalfe	1,441	0	1,441	4,035	0	4,035
Monroe	145	0	145	406	0	406
Muhlenberg	1,881	0	1,881	5,267	0	5,267
Ohio	41,713	187	41,526	116,778	505	116,273
Trigg	1,166	0	1,166	3,265	0	3,265
Union	151	151	0	408	408	0
Whitley	3,766	79	3,687	10,537	213	10,324
All counties	199,186	14,767	184,419	556,247	39,872	516,375

^a Counties with no pulpwood production are omitted.

Table 12—Roundwood pulpwood production in Louisiana, 2001

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Acadia	3,024	2,801	223	8,187	7,563	624
Allen	186,667	156,459	30,208	507,021	422,439	84,582
Ascension	3,711	206	3,505	10,370	556	9,814
Assumption	17	0	17	48	0	48
Avoyelles	5,912	5,482	430	16,005	14,801	1,204
Beauregard	285,790	254,365	31,425	774,776	686,786	87,990
Bienville	134,596	90,284	44,312	367,841	243,767	124,074
Bossier	109,109	48,058	61,051	300,700	129,757	170,943
Caddo	62,574	15,854	46,720	173,622	42,806	130,816
Calcasieu	36,232	35,690	542	97,881	96,363	1,518
Caldwell	129,014	101,059	27,955	351,133	272,859	78,274
Catahoula	72,579	53,576	19,003	197,863	144,655	53,208
Claiborne	63,374	46,420	16,954	172,805	125,334	47,471
Concordia	26,950	21	26,929	75,458	57	75,401
De Soto	143,120	76,713	66,407	393,065	207,125	185,940
East Baton Rouge	39241	9,720	29,521	108,903	26,244	82,659
East Carroll	11,180	0	11,180	31,304	0	31,304
East Feliciana	55911	32,111	23,800	153,340	86,700	66,640
Evangeline	25,401	24,046	1,355	68,718	64,924	3,794
Franklin	13,849	4,542	9,307	38,323	12,263	26,060
Grant	42,035	39,141	2,894	113,784	105,681	8,103
Iberville	23,339	75	23,264	65,342	203	65,139
Jackson	182,806	105,597	77,209	501,297	285,112	216,185
Jefferson	406	216	190	1,115	583	532
Jefferson Davis	963	963	0	2,600	2,600	0
Lafayette	157	139	18	425	375	50
Lafourche	1,556	0	1,556	4,357	0	4,357
La Salle	160,518	145,966	14,552	434,854	394,108	40,746
Lincoln	49,169	25,398	23,771	135,134	68,575	66,559
Livingston	97,729	71,181	26,548	266,523	192,189	74,334
Madison	28,523	23	28,500	79,862	62	79,800
Morehouse	51,111	27,321	23,790	140,379	73,767	66,612
Natchitoches	183,513	148,214	35,299	499,015	400,178	98,837
Ouachita	88,057	53,222	34,835	241,237	143,699	97,538
Pointe Coupee	7,071	38	7,033	19,795	103	19,692
Rapides	115,818	91,333	24,485	315,157	246,599	68,558
Red River	29,321	22,239	7,082	79,875	60,045	19,830
Richland	12,644	515	12,129	35,352	1,391	33,961
Sabine	287,333	254,127	33,206	779,120	686,143	92,977
St. Bernard	124	0	124	347	0	347
St. Charles	267	0	267	748	0	748
St. Helena	64,234	42,945	21,289	175,561	115,952	59,609
St. James	7,520	12	7,508	21,054	32	21,022
St. John the Baptist	57	20	37	158	54	104
St. Landry	2,350	1,748	602	6,406	4,720	1,686
St. Martin	4,502	0	4,502	12,606	0	12,606
St. Mary	12	0	12	34	0	34
St. Tammany	21,169	20,703	466	57,203	55,898	1,305
Tangipahoa	71,038	48,235	22,803	194,083	130,235	63,848
Tensas	38,243	56	38,187	107,075	151	106,924
Terrebonne	123	0	123	344	0	344
Union	187,838	112,010	75,828	514,745	302,427	212,318
Vermilion	40	40	0	108	108	0
Vernon	352,318	306,985	45,333	955,792	828,860	126,932
Washington	120,142	119,572	570	324,440	322,844	1,596
Webster	48,870	34,209	14,661	133,415	92,364	41,051
West Baton Rouge	1,195	0	1,195	3,346	0	3,346
West Carroll	8,326	4,687	3,639	22,844	12,655	10,189
West Feliciana	14,861	4,529	10,332	41,158	12,228	28,930
Winn	226,297	191,831	34,466	614,449	517,944	96,505
All parishes	3,939,846	2,830,697	1,109,149	10,748,502	7,642,884	3,105,618

^a Parishes with no pulpwood production are omitted.

Table 13—Roundwood pulpwood production in Mississippi, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	40,516	3,274	37,242	113,118	8,840	104,278
Alcorn	13,048	8,938	4,110	35,641	24,133	11,508
Amite	134,749	90,864	43,885	368,211	245,333	122,878
Attala	53,130	29,687	23,443	145,795	80,155	65,640
Benton	14,665	5,351	9,314	40,527	14,448	26,079
Bolivar	21,162	0	21,162	59,254	0	59,254
Calhoun	23,373	21,145	2,228	63,330	57,092	6,238
Carroll	38,315	10,001	28,314	106,282	27,003	79,279
Chickasaw	59,695	54,114	5,581	161,735	146,108	15,627
Choctaw	86,653	54,316	32,337	237,197	146,653	90,544
Claiborne	78,402	27,071	51,331	216,819	73,092	143,727
Clarke	131,845	88,378	43,467	360,329	238,621	121,708
Clay	31,092	22,425	8,667	84,816	60,548	24,268
Coahoma	5,825	530	5,295	16,257	1,431	14,826
Copiah	111,796	73,325	38,471	305,697	197,978	107,719
Covington	45,307	44,357	950	122,424	119,764	2,660
De Soto	638	557	81	1,731	1,504	227
Forrest	49,042	46,914	2,128	132,626	126,668	5,958
Franklin	34,551	12,770	21,781	95,466	34,479	60,987
George	85,129	83,530	1,599	230,008	225,531	4,477
Greene	194,155	181,262	12,893	525,507	489,407	36,100
Grenada	15,305	8,519	6,786	42,002	23,001	19,001
Hancock	40,547	39,566	981	109,575	106,828	2,747
Harrison	30,814	30,568	246	83,223	82,534	689
Hinds	70,353	30,880	39,473	193,900	83,376	110,524
Holmes	62,319	17,765	44,554	172,717	47,966	124,751
Humphreys	7,784	0	7,784	21,795	0	21,795
Issaquena	46,967	30	46,937	131,505	81	131,424
Itawamba	54,540	48,402	6,138	147,871	130,685	17,186
Jackson	29,031	28,799	232	78,407	77,757	650
Jasper	52,499	41,248	11,251	142,873	111,370	31,503
Jefferson	82,669	34,584	48,085	228,015	93,377	134,638
Jefferson Davis	69,482	64,029	5,453	188,146	172,878	15,268
Jones	72,084	59,632	12,452	195,872	161,006	34,866
Kemper	43,231	20,885	22,346	118,959	56,390	62,569
Lafayette	7,027	6,865	162	18,990	18,536	454
Lamar	108,049	101,242	6,807	292,413	273,353	19,060
Lauderdale	98,599	47,095	51,504	271,368	127,157	144,211
Lawrence	75,961	70,694	5,267	205,622	190,874	14,748
Leake	51,806	29,824	21,982	142,075	80,525	61,550
Lee	9,100	8,415	685	24,639	22,721	1,918
Leflore	3,713	0	3,713	10,396	0	10,396
Lincoln	80,332	27,400	52,932	222,190	73,980	148,210
Lowndes	47,490	22,728	24,762	130,700	61,366	69,334
Madison	39,710	12,149	27,561	109,973	32,802	77,171
Marion	95,255	75,259	19,996	259,188	203,199	55,989
Marshall	11,703	202	11,501	32,748	545	32,203
Monroe	54,963	44,458	10,505	149,451	120,037	29,414
Montgomery	29,938	10,398	19,540	82,787	28,075	54,712
Neshoba	62,284	28,384	33,900	171,557	76,637	94,920
Newton	76,240	32,066	44,174	210,265	86,578	123,687
Noxubee	44,283	24,223	20,060	121,570	65,402	56,168
Oktibbeha	37,840	27,939	9,901	103,158	75,435	27,723

continued

Table 13—Roundwood pulpwood production in Mississippi, 2001 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Panola	124,316	6,802	117,514	347,404	18,365	329,039
Pearl River	78,733	72,179	6,554	213,234	194,883	18,351
Perry	127,758	107,557	20,201	346,967	290,404	56,563
Pike	43,265	36,582	6,683	117,483	98,771	18,712
Pontotoc	18,842	18,035	807	50,955	48,695	2,260
Prentiss	12,449	7,513	4,936	34,106	20,285	13,821
Quitman	108	0	108	302	0	302
Rankin	50,346	35,841	14,505	137,385	96,771	40,614
Scott	55,545	33,729	21,816	152,153	91,068	61,085
Sharkey	16,218	0	16,218	45,410	0	45,410
Simpson	67,348	62,979	4,369	182,276	170,043	12,233
Smith	38,111	34,891	3,220	103,222	94,206	9,016
Stone	54,237	51,753	2,484	146,688	139,733	6,955
Sunflower	101	0	101	283	0	283
Tallahatchie	2,533	1,111	1,422	6,982	3,000	3,982
Tate	1,511	1,032	479	4,127	2,786	1,341
Tippah	29,393	23,291	6,102	79,972	62,886	17,086
Tishomingo	46,313	34,265	12,048	126,250	92,516	33,734
Tunica	9	0	9	25	0	25
Union	6,682	3,644	3,038	18,345	9,839	8,506
Walthall	43,134	41,467	1,667	116,629	111,961	4,668
Warren	97,937	4,311	93,626	273,793	11,640	262,153
Washington	19,703	167	19,536	55,152	451	54,701
Wayne	210,488	164,510	45,978	572,915	444,177	128,738
Webster	38,566	19,747	18,819	106,010	53,317	52,693
Wilkinson	114,511	42,516	71,995	316,379	114,793	201,586
Winston	55,289	28,934	26,355	151,916	78,122	73,794
Yalobusha	8,167	8,149	18	22,052	22,002	50
Yazoo	25,831	1,868	23,963	72,140	5,044	67,096
All counties	4,252,450	2,695,930	1,556,520	11,637,275	7,279,017	4,358,258

^a Counties with no pulpwood production are omitted.

Table 14—Roundwood pulpwood production in North Carolina, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alamance	447	0	447	1,252	0	1,252
Alexander	1,502	1,047	455	4,101	2,827	1,274
Alleghany	2,962	0	2,962	8,294	0	8,294
Anson	98,080	77,022	21,058	266,921	207,959	58,962
Ashe	3,980	0	3,980	11,144	0	11,144
Avery	505	0	505	1,414	0	1,414
Beaufort	141,756	74,040	67,716	389,513	199,908	189,605
Bertie	173,160	103,695	69,465	474,479	279,977	194,502
Bladen	111,740	77,662	34,078	305,105	209,687	95,418
Brunswick	133,725	120,605	13,120	362,370	325,634	36,736
Burke	59,141	20,081	39,060	163,587	54,219	109,368
Cabarrus	2,118	1,749	369	5,755	4,722	1,033
Caldwell	5,227	0	5,227	14,636	0	14,636
Camden	16,365	2,342	14,023	45,587	6,323	39,264
Carteret	53,169	48,338	4,831	144,040	130,513	13,527
Caswell	12,615	0	12,615	35,322	0	35,322
Catawba	1,394	349	1,045	3,868	942	2,926
Chatham	22,387	17,262	5,125	60,957	46,607	14,350
Cherokee	46,224	15,342	30,882	127,893	41,423	86,470
Chowan	27,893	23,138	4,755	75,787	62,473	13,314
Cleveland	12,409	11,230	1,179	33,622	30,321	3,301
Columbus	145,587	93,091	52,496	398,335	251,346	146,989
Craven	79,899	62,110	17,789	217,506	167,697	49,809
Cumberland	48,965	27,029	21,936	134,399	72,978	61,421
Currituck	4,553	1,688	2,865	12,580	4,558	8,022
Dare	288	74	214	799	200	599
Davidson	8,389	2,503	5,886	23,239	6,758	16,481
Davie	1,990	521	1,469	5,520	1,407	4,113
Duplin	32,035	17,539	14,496	87,944	47,355	40,589
Durham	39,631	5,730	33,901	110,394	15,471	94,923
Edgecombe	23,342	15,599	7,743	63,797	42,117	21,680
Forsyth	1,194	6	1,188	3,342	16	3,326
Franklin	35,706	11,593	24,113	98,817	31,301	67,516
Gaston	12,220	8,180	4,040	33,398	22,086	11,312
Gates	64,935	32,096	32,839	178,608	86,659	91,949
Granville	4,285	3,435	850	11,655	9,275	2,380
Greene	9,252	6,972	2,280	25,208	18,824	6,384
Guilford	1,184	185	999	3,297	500	2,797
Halifax	44,404	26,688	17,716	121,663	72,058	49,605
Harnett	29,800	23,331	6,469	81,107	62,994	18,113
Haywood	102,360	22,867	79,493	284,321	61,741	222,580
Hertford	66,055	34,066	31,989	181,547	91,978	89,569
Hoke	18,337	8,413	9,924	50,502	22,715	27,787
Hyde	33,784	20,071	13,713	92,588	54,192	38,396
Iredell	5,173	2,841	2,332	14,201	7,671	6,530
Johnston	20,672	8,192	12,480	57,062	22,118	34,944
Jones	49,472	40,378	9,094	134,484	109,021	25,463
Lee	11,927	8,168	3,759	32,579	22,054	10,525
Lenoir	33,051	30,731	2,320	89,470	82,974	6,496
Lincoln	10,997	6,609	4,388	30,130	17,844	12,286
Madison	11	0	11	31	0	31
Martin	58,335	40,860	17,475	159,252	110,322	48,930
McDowell	707	66	641	1,973	178	1,795
Mecklenburg	4,742	1,047	3,695	13,173	2,827	10,346
Montgomery	36,789	34,783	2,006	99,531	93,914	5,617
Moore	45,690	25,014	20,676	125,431	67,538	57,893

continued

Table 14—Roundwood pulpwood production in North Carolina, 2001 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Nash	11,189	8,136	3,053	30,515	21,967	8,548
New Hanover	12,691	12,555	136	34,280	33,899	381
Northampton	63,214	34,172	29,042	173,582	92,264	81,318
Onslow	90,534	85,009	5,525	244,994	229,524	15,470
Orange	3,302	2,659	643	8,979	7,179	1,800
Pamlico	59,727	34,160	25,567	163,820	92,232	71,588
Pasquotank	11,621	4,526	7,095	32,086	12,220	19,866
Pender	87,122	64,992	22,130	237,442	175,478	61,964
Perquimans	22,936	15,707	7,229	62,650	42,409	20,241
Person	3,160	138	3,022	8,835	373	8,462
Pitt	47,504	38,963	8,541	129,115	105,200	23,915
Polk	2,414	2,354	60	6,524	6,356	168
Randolph	7,147	4,361	2,786	19,576	11,775	7,801
Richmond	86,953	47,445	39,508	238,724	128,102	110,622
Robeson	80,369	26,531	53,838	222,380	71,634	150,746
Rockingham	25,126	5,959	19,167	69,757	16,089	53,668
Rowan	8,490	3,754	4,736	23,397	10,136	13,261
Rutherford	87,191	12,963	74,228	242,838	35,000	207,838
Sampson	29,351	18,112	11,239	80,371	48,902	31,469
Scotland	19,475	9,403	10,072	53,590	25,388	28,202
Stanly	10,708	9,975	733	28,985	26,933	2,052
Stokes	6,535	0	6,535	18,298	0	18,298
Surry	4,847	0	4,847	13,572	0	13,572
Tyrrell	68,093	38,184	29,909	186,842	103,097	83,745
Union	26,192	20,034	6,158	71,334	54,092	17,242
Vance	3,557	3,120	437	9,648	8,424	1,224
Wake	12,810	7,157	5,653	35,152	19,324	15,828
Warren	101,721	67,306	34,415	278,088	181,726	96,362
Washington	94,732	80,338	14,394	257,216	216,913	40,303
Watauga	2,107	0	2,107	5,900	0	5,900
Wayne	8,919	6,922	1,997	24,281	18,689	5,592
Wilkes	35,747	0	35,747	100,092	0	100,092
Wilson	18,061	16,249	1,812	48,946	43,872	5,074
Yadkin	4,394	0	4,394	12,303	0	12,303
Yancey	5	0	5	14	0	14
All counties	3,170,504	1,897,562	1,272,942	8,687,656	5,123,419	3,564,237

^a Counties with no pulpwood production are omitted.**Table 15—Roundwood pulpwood production in Oklahoma, 2001**

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Bryan	1,347	0	1,347	3,772	0	3,772
Cherokee	129	129	0	348	348	0
Choctaw	22,913	123	22,790	64,144	332	63,812
Haskell	683	683	0	1,844	1,844	0
Latimer	2,493	2,493	0	6,731	6,731	0
Le Flore	118,460	82,881	35,579	323,400	223,779	99,621
McCurtain	184,303	131,373	52,930	502,911	354,707	148,204
Pushmataha	76,966	9,246	67,720	214,580	24,964	189,616
All counties	407,294	226,928	180,366	1,117,730	612,705	505,025

^a Counties with no pulpwood production are omitted.

Table 16—Roundwood pulpwood production in South Carolina, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Abbeville	12,452	6,534	5,918	34,212	17,642	16,570
Aiken	126,370	75,703	50,667	346,266	204,398	141,868
Allendale	44,912	27,768	17,144	122,977	74,974	48,003
Anderson	1,198	734	464	3,281	1,982	1,299
Bamberg	39,747	25,496	14,251	108,742	68,839	39,903
Barnwell	56,770	33,241	23,529	155,632	89,751	65,881
Beaufort	18,778	15,276	3,502	51,051	41,245	9,806
Berkeley	106,389	86,369	20,020	289,252	233,196	56,056
Calhoun	32,592	26,894	5,698	88,568	72,614	15,954
Charleston	67,632	57,341	10,291	183,636	154,821	28,815
Cherokee	63,276	56,500	6,776	171,523	152,550	18,973
Chester	118,968	103,253	15,715	322,785	278,783	44,002
Chesterfield	114,815	91,199	23,616	312,362	246,237	66,125
Clarendon	33,779	22,333	11,446	92,348	60,299	32,049
Colleton	131,079	96,068	35,011	357,415	259,384	98,031
Darlington	63,355	30,109	33,246	174,383	81,294	93,089
Dillon	58,592	27,402	31,190	161,317	73,985	87,332
Dorchester	90,665	62,254	28,411	247,637	168,086	79,551
Edgefield	17,291	8,372	8,919	47,577	22,604	24,973
Fairfield	147,388	126,656	20,732	400,021	341,971	58,050
Florence	60,006	28,360	31,646	165,181	76,572	88,609
Georgetown	221,085	194,959	26,126	599,542	526,389	73,153
Greenville	5,939	4,790	1,149	16,150	12,933	3,217
Greenwood	98,731	53,996	44,735	271,047	145,789	125,258
Hampton	202,398	122,112	80,286	554,503	329,702	224,801
Horry	152,302	89,468	62,834	417,499	241,564	175,935
Jasper	122,563	85,301	37,262	334,647	230,313	104,334
Kershaw	131,272	96,476	34,796	357,914	260,485	97,429
Lancaster	32,334	26,433	5,901	87,892	71,369	16,523
Laurens	77,717	62,499	15,218	211,357	168,747	42,610
Lee	54,253	41,169	13,084	147,791	111,156	36,635
Lexington	38,533	30,378	8,155	104,855	82,021	22,834
Marion	73,215	36,200	37,015	201,382	97,740	103,642
Marlboro	88,807	56,087	32,720	243,051	151,435	91,616
McCormick	13,994	10,743	3,251	38,109	29,006	9,103
Newberry	246,207	225,708	20,499	666,809	609,412	57,397
Oconee	3,555	3,341	214	9,620	9,021	599
Orangeburg	156,448	85,449	70,999	429,509	230,712	198,797
Pickens	7,881	4,318	3,563	21,635	11,659	9,976
Richland	78,603	49,092	29,511	215,179	132,548	82,631
Saluda	34,532	21,009	13,523	94,588	56,724	37,864
Spartanburg	126,818	77,579	49,239	347,332	209,463	137,869
Sumter	60,587	33,194	27,393	166,324	89,624	76,700
Union	134,603	101,353	33,250	366,753	273,653	93,100
Williamsburg	119,430	92,927	26,503	325,111	250,903	74,208
York	81,031	77,384	3,647	219,149	208,937	10,212
All counties	3,768,892	2,689,827	1,079,065	10,283,914	7,262,532	3,021,382

^a Counties with no pulpwood production are omitted.

Table 17—Roundwood pulpwood production in Tennessee, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	516	0	516	1,445	0	1,445
Benton	25,942	3,862	22,080	72,251	10,427	61,824
Bledsoe	63,549	47,904	15,645	173,147	129,341	43,806
Blount	14,390	7,373	7,017	39,555	19,907	19,648
Bradley	40,971	37,145	3,826	111,005	100,292	10,713
Campbell	69,688	0	69,688	195,126	0	195,126
Cannon	267	0	267	748	0	748
Carroll	15,758	3,221	12,537	43,801	8,697	35,104
Carter	59	0	59	165	0	165
Chester	17,877	10,652	7,225	48,990	28,760	20,230
Claiborne	129	0	129	361	0	361
Cocke	71	0	71	199	0	199
Coffee	3,782	3,124	658	10,277	8,435	1,842
Crockett	427	275	152	1,169	743	426
Cumberland	77,283	55,037	22,246	210,889	148,600	62,289
Decatur	26,102	9,923	16,179	72,093	26,792	45,301
De Kalb	760	0	760	2,128	0	2,128
Dickson	382	282	100	1,041	761	280
Fayette	2,130	2,063	67	5,758	5,570	188
Fentress	15,376	2,417	12,959	42,811	6,526	36,285
Franklin	20,263	197	20,066	56,717	532	56,185
Gibson	74	0	74	207	0	207
Giles	7,310	531	6,779	20,415	1,434	18,981
Grainger	61	11	50	170	30	140
Grundy	29,352	2,474	26,878	81,938	6,680	75,258
Hamblen	9	0	9	25	0	25
Hamilton	58,789	50,015	8,774	159,608	135,041	24,567
Hardeman	11,665	4,270	7,395	32,235	11,529	20,706
Hardin	109,088	57,913	51,175	299,655	156,365	143,290
Haywood	465	84	381	1,294	227	1,067
Henderson	15,657	4,862	10,795	43,353	13,127	30,226
Henry	32,627	3,865	28,762	90,970	10,436	80,534
Hickman	60,378	2,372	58,006	168,821	6,404	162,417
Houston	42	0	42	118	0	118
Humphreys	6,550	0	6,550	18,340	0	18,340
Johnson	791	0	791	2,215	0	2,215
Knox	4,398	4,356	42	11,879	11,761	118
Lauderdale	3,032	0	3,032	8,490	0	8,490
Lawrence	38,822	7,495	31,327	107,953	20,237	87,716
Lewis	48,580	4,130	44,450	135,611	11,151	124,460
Lincoln	6,253	34	6,219	17,505	92	17,413
Loudon	2,819	2,181	638	7,675	5,889	1,786
Macon	26	0	26	73	0	73
Madison	4,113	418	3,695	11,475	1,129	10,346
Marion	38,288	2,669	35,619	106,939	7,206	99,733
Marshall	721	0	721	2,019	0	2,019
Maur	1,669	1,593	76	4,514	4,301	213
McMinn	41,890	30,991	10,899	114,193	83,676	30,517
McNairy	73,161	30,379	42,782	201,813	82,023	119,790
Meigs	27,212	18,599	8,613	74,333	50,217	24,116
Monroe	42,593	32,050	10,543	116,055	86,535	29,520
Montgomery	23	0	23	64	0	64
Moore	268	9	259	749	24	725
Morgan	13,967	3,870	10,097	38,721	10,449	28,272
Overton	21,046	1,498	19,548	58,779	4,045	54,734

continued

Table 17—Roundwood pulpwood production in Tennessee, 2001 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Perry	11,306	1,442	9,864	31,512	3,893	27,619
Pickett	477	0	477	1,336	0	1,336
Polk	43,957	41,297	2,660	118,950	111,502	7,448
Putnam	10,223	653	9,570	28,559	1,763	26,796
Rhea	86,671	71,059	15,612	235,573	191,859	43,714
Roane	4,297	853	3,444	11,946	2,303	9,643
Scott	2,552	198	2,354	7,126	535	6,591
Sequatchie	51,855	23,765	28,090	142,818	64,166	78,652
Shelby	1,795	469	1,326	4,979	1,266	3,713
Stewart	34,830	722	34,108	97,451	1,949	95,502
Sullivan	73	0	73	204	0	204
Unicoi	73	0	73	204	0	204
Van Buren	76,051	47,660	28,391	208,177	128,682	79,495
Warren	13,732	593	13,139	38,390	1,601	36,789
Wayne	164,547	80,014	84,533	452,730	216,038	236,692
Weakley	50,903	3,772	47,131	142,151	10,184	131,967
White	49,504	37,784	11,720	134,833	102,017	32,816
All counties	1,700,307	760,425	939,882	4,684,819	2,053,149	2,631,670

^a Counties with no pulpwood production are omitted.

Table 18—Roundwood pulpwood production in Texas, 2001

County ^a	All			All		
	species	Softwood	Hardwood	species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	11,772	6,896	4,876	32,272	18,619	13,653
Angelina	144,375	98,479	45,896	394,402	265,893	128,509
Bowie	58,216	14,124	44,092	161,593	38,135	123,458
Camp	4,446	888	3,558	12,360	2,398	9,962
Cass	212,696	36,516	176,180	591,897	98,593	493,304
Cherokee	47,385	17,708	29,677	130,908	47,812	83,096
Colorado	23	0	23	64	0	64
Franklin	1,347	9	1,338	3,770	24	3,746
Gregg	2,992	229	2,763	8,354	618	7,736
Hardin	106,871	66,876	39,995	292,551	180,565	111,986
Harris	145	66	79	399	178	221
Harrison	42,037	7,923	34,114	116,911	21,392	95,519
Henderson	241	0	241	675	0	675
Hopkins	1,153	0	1,153	3,228	0	3,228
Houston	32,669	9,167	23,502	90,557	24,751	65,806
Jasper	181,506	146,013	35,493	493,615	394,235	99,380
Jefferson	9	9	0	24	24	0
Lamar	12,953	0	12,953	36,268	0	36,268
Leon	257	257	0	694	694	0
Liberty	71,177	26,539	44,638	196,641	71,655	124,986
Marion	45,297	25,508	19,789	124,281	68,872	55,409
Montgomery	21,585	1,230	20,355	60,315	3,321	56,994
Morris	7,108	900	6,208	19,812	2,430	17,382
Nacogdoches	67,759	41,423	26,336	185,583	111,842	73,741
Newton	170,990	134,670	36,320	465,305	363,609	101,696
Orange	11,436	723	10,713	31,948	1,952	29,996
Panola	77,499	49,575	27,924	212,040	133,853	78,187
Polk	26,250	12,617	13,633	72,238	34,066	38,172
Rains	289	0	289	809	0	809
Red River	88,878	3,015	85,863	248,557	8,141	240,416
Rusk	22,995	9,268	13,727	63,460	25,024	38,436
Sabine	87,678	79,775	7,903	237,521	215,393	22,128
San Augustine	101,657	75,413	26,244	277,098	203,615	73,483
San Jacinto	29,978	1,053	28,925	83,833	2,843	80,990
Shelby	88,308	62,031	26,277	241,060	167,484	73,576
Smith	52,520	6,740	45,780	146,382	18,198	128,184
Titus	12,695	238	12,457	35,523	643	34,880
Trinity	10,779	10,741	38	29,107	29,001	106
Tyler	175,986	105,981	70,005	482,163	286,149	196,014
Upshur	35,223	4,459	30,764	98,178	12,039	86,139
Van Zandt	1,537	579	958	4,245	1,563	2,682
Walker	38,527	22,458	16,069	105,630	60,637	44,993
Wood	18,170	595	17,575	50,817	1,607	49,210
All counties	2,125,414	1,080,691	1,044,723	5,843,088	2,917,868	2,925,220

^a Counties with no pulpwood production are omitted.

Table 19—Roundwood pulpwood production in Virginia, 2001

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Accomack	23,727	17,214	6,513	64,714	46,478	18,236
Albemarle	14,138	7,334	6,804	38,853	19,802	19,051
Alleghany	32,868	6,247	26,621	91,406	16,867	74,539
Amelia	47,888	28,415	19,473	131,245	76,721	54,524
Amherst	22,748	13,183	9,565	62,376	35,594	26,782
Appomattox	43,986	25,898	18,088	120,571	69,925	50,646
Augusta	19,766	5,096	14,670	54,835	13,759	41,076
Bath	21,684	3,511	18,173	60,364	9,480	50,884
Bedford	27,297	7,692	19,605	75,662	20,768	54,894
Bland	311	0	311	871	0	871
Botetourt	27,599	6,434	21,165	76,634	17,372	59,262
Brunswick	85,908	54,698	31,210	235,073	147,685	87,388
Buchanan	116	66	50	318	178	140
Buckingham	84,862	41,949	42,913	233,418	113,262	120,156
Campbell	38,615	19,220	19,395	106,200	51,894	54,306
Caroline	56,032	39,362	16,670	152,953	106,277	46,676
Carroll	2,018	33	1,985	5,647	89	5,558
Charles City	31,164	20,196	10,968	85,239	54,529	30,710
Charlotte	59,035	24,631	34,404	162,835	66,504	96,331
Chesapeake	10,152	857	9,295	28,340	2,314	26,026
Chesterfield	190,992	186,680	4,312	516,110	504,036	12,074
Clarke	97	72	25	264	194	70
Craig	6,941	1,642	5,299	19,270	4,433	14,837
Culpeper	15,866	7,952	7,914	43,629	21,470	22,159
Cumberland	20,205	11,385	8,820	55,436	30,740	24,696
Dickenson	80,990	0	80,990	226,772	0	226,772
Dinwiddie	36,008	26,842	9,166	98,138	72,473	25,665
Essex	52,714	38,101	14,613	143,789	102,873	40,916
Fairfax	3,756	2,970	786	10,220	8,019	2,201
Fauquier	11,446	5,420	6,026	31,507	14,634	16,873
Floyd	2,361	0	2,361	6,611	0	6,611
Fluvanna	12,327	8,053	4,274	33,710	21,743	11,967
Franklin	40,056	16,614	23,442	110,496	44,858	65,638
Frederick	6,986	3,862	3,124	19,174	10,427	8,747
Giles	1,558	5	1,553	4,362	14	4,348
Gloucester	23,972	14,574	9,398	65,664	39,350	26,314
Goochland	18,084	7,867	10,217	49,849	21,241	28,608
Grayson	3,409	0	3,409	9,545	0	9,545
Greene	443	16	427	1,239	43	1,196
Greensville	22,316	16,291	6,025	60,856	43,986	16,870
Halifax	48,121	15,545	32,576	133,185	41,972	91,213
Hampton	472	96	376	1,312	259	1,053
Hanover	22,911	16,867	6,044	62,464	45,541	16,923
Henrico	12,481	4,664	7,817	34,481	12,593	21,888
Henry	39,932	13,949	25,983	110,414	37,662	72,752
Highland	12,420	1,701	10,719	34,606	4,593	30,013
Isle of Wight	48,916	15,725	33,191	135,393	42,458	92,935
James City	8,485	3,172	5,313	23,440	8,564	14,876
King and Queen	87,774	65,253	22,521	239,242	176,183	63,059
King George	4,458	3,218	1,240	12,161	8,689	3,472
King William	41,011	20,898	20,113	112,741	56,425	56,316
Lancaster	10,332	4,901	5,431	28,440	13,233	15,207
Lee	220	0	220	616	0	616
Loudoun	11,712	165	11,547	32,778	446	32,332
Louisa	44,197	25,759	18,438	121,175	69,549	51,626

continued

Table 19—Roundwood pulpwood production in Virginia, 2001 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Lunenburg	36,894	16,020	20,874	101,701	43,254	58,447
Madison	931	323	608	2,574	872	1,702
Mathews	4,623	2,227	2,396	12,722	6,013	6,709
Mecklenburg	31,244	17,230	14,014	85,760	46,521	39,239
Middlesex	8,643	4,620	4,023	23,738	12,474	11,264
Montgomery	3,370	236	3,134	9,412	637	8,775
Nelson	31,116	19,027	12,089	85,222	51,373	33,849
New Kent	20,041	14,380	5,661	54,677	38,826	15,851
Newport News	1,226	796	430	3,353	2,149	1,204
Northampton	3,305	2,033	1,272	9,051	5,489	3,562
Northumberland	10,535	6,401	4,134	28,858	17,283	11,575
Nottoway	19,034	15,944	3,090	51,701	43,049	8,652
Orange	10,059	5,010	5,049	27,664	13,527	14,137
Patrick	7,542	1,340	6,202	20,984	3,618	17,366
Pittsylvania	76,772	32,585	44,187	211,704	87,980	123,724
Powhatan	8,273	4,276	3,997	22,737	11,545	11,192
Prince Edward	26,726	10,731	15,995	73,760	28,974	44,786
Prince George	28,765	15,725	13,040	78,970	42,458	36,512
Prince William	4,902	2,176	2,726	13,508	5,875	7,633
Pulaski	1,189	945	244	3,235	2,552	683
Rappahannock	3,880	927	2,953	10,771	2,503	8,268
Richmond	27,424	18,330	9,094	74,954	49,491	25,463
Roanoke	3,317	1,069	2,248	9,180	2,886	6,294
Rockbridge	15,553	3,268	12,285	43,222	8,824	34,398
Rockingham	4,171	995	3,176	11,580	2,687	8,893
Russell	14	0	14	39	0	39
Scott	22	0	22	62	0	62
Shenandoah	3,539	1,651	1,888	9,744	4,458	5,286
Smyth	2,876	0	2,876	8,053	0	8,053
Southampton	65,220	28,703	36,517	179,746	77,498	102,248
Spotsylvania	34,843	19,980	14,863	95,562	53,946	41,616
Stafford	10,641	4,995	5,646	29,296	13,487	15,809
Suffolk	36,134	19,242	16,892	99,251	51,953	47,298
Surry	41,292	20,381	20,911	113,580	55,029	58,551
Sussex	41,450	29,483	11,967	113,112	79,604	33,508
Tazewell	4,148	311	3,837	11,584	840	10,744
Virginia Beach	7,624	3,924	3,700	20,955	10,595	10,360
Warren	1,919	311	1,608	5,342	840	4,502
Washington	1,657	0	1,657	4,640	0	4,640
Westmoreland	9,648	4,579	5,069	26,556	12,363	14,193
Wise	16	0	16	45	0	45
Wythe	2,091	0	2,091	5,855	0	5,855
York	1,655	994	661	4,535	2,684	1,851
All counties	2,248,207	1,193,463	1,054,744	6,175,638	3,222,356	2,953,282

^a Counties with no pulpwood production are omitted.

Table 20—Softwood roundwood pulpwood movement between States, 2001

Imported from:	Southeast											
	Exported to:											
	Florida	Georgia	North Carolina	South Carolina	Virginia	Alabama	Louisiana	Maryland	Pennsylvania	Tennessee	Other	
Florida	2,212,461	664,141	0	0	0	71,545	0	0	0	0	0	
Georgia	388,900	3,997,619	0	29	0	418,811	2,887	0	0	106,940	0	
North Carolina	0	116	1,285,329	534,794	67,986	0	0	0	0	9,337	0	
South Carolina	9	339,823	237,260	2,112,677	0	0	0	0	0	58	0	
Virginia	0	0	108,637	3,037	969,116	0	0	74,281	38,392	0	0	
Alabama	166,591	363,645	0	0	0	0	0	0	0	0	0	
Delaware	0	0	0	0	482	0	0	0	0	0	0	
Louisiana	0	0	0	109	0	0	0	0	0	0	0	
Maryland	0	0	0	0	19,193	0	0	0	0	0	0	
Mississippi	93	9	0	0	0	0	0	0	0	0	0	
Tennessee	0	172	0	0	0	0	0	0	0	0	0	
West Virginia	0	0	0	0	3,938	0	0	0	0	0	0	
Other ^a	0	288	0	64	21	0	0	0	0	0	0	
Roundwood receipts	2,768,054	5,365,813	1,631,226	2,650,710	1,060,736							
Total Southeast receipts = 13,476,539												
Imported from:	South Central											
	Exported to:											
	Alabama	Arkansas	Kentucky	Louisiana	Mississippi	Oklahoma	Tennessee	Texas	Florida	Georgia	South Carolina	
Alabama	3,927,024	0	0	1,381	331,543	0	224,400	0	166,591	363,645	0	
Arkansas	10	997,929	0	406,834	0	192,237	0	59,005	0	238	0	
Kentucky	0	0	10,414	0	0	0	4,353	0	0	0	0	
Louisiana	0	22,637	0	2,454,842	184,123	0	0	168,986	0	0	109	
Mississippi	113,068	0	0	713,299	1,655,721	0	213,740	0	93	9	0	
Oklahoma	0	30,201	0	0	0	194,460	0	2,267	0	0	0	
Tennessee	47,946	0	1,496	0	0	0	710,811	0	0	172	0	
Texas	46	18,813	0	263,032	0	0	0	798,688	0	27	64	
Florida	71,545	0	0	0	0	0	0	0	0	0	0	
Georgia	418,811	0	0	2,887	0	0	106,940	0	0	0	0	
North Carolina	0	0	0	0	0	0	9,337	0	0	0	0	
South Carolina	0	0	0	0	0	0	58	0	0	0	0	
Other	0	0	0	0	0	0	0	0	0	0	0	
Roundwood receipts	4,578,450	1,069,580	11,910	3,842,275	2,171,387	386,697	1,269,639	1,028,946				
Total South Central receipts = 14,358,884												

NA = not applicable.

^a Other sources include Arkansas, Illinois, and Texas.

^b Other destinations include Virginia.

Table 21—Hardwood roundwood pulpwood movement between States, 2001

Southeast												
Imported from:	Exported to:											
	Florida	Georgia	North Carolina	South Carolina	Virginia	Alabama	Louisiana	Maryland	Mississippi	Pennsylvania	Tennessee	Other ^d
Florida	412,236	153,559	0	0	0	26,209	552	0	83	0	0	0
Georgia	89,836	1,431,623	5,697	0	0	162,889	148	0	40	0	41,987	34,486
North Carolina	0	0	697,564	255,329	228,483	0	2,543	0	7,735	0	7,346	73,942
South Carolina	0	245,749	53,280	780,021	15	0	0	0	0	0	0	0
Virginia	0	0	22,959	1,607	914,420	0	0	29,162	0	5,169	20,572	60,855
Alabama	234,346	22,681	1,375	0	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	1,428	0	0	0	0	0	0	0
Louisiana	0	0	0	85	0	0	0	0	0	0	0	0
Maryland	0	0	0	0	34,338	0	0	0	0	0	0	0
Mississippi	20,758	0	0	0	0	0	0	0	0	0	0	0
Tennessee	0	0	70,684	0	0	0	0	0	0	0	0	0
West Virginia	0	0	0	0	134,609	0	0	0	0	0	0	0
Other ^b	0	42	0	2,613	1,005	0	0	0	0	0	0	0
Roundwood receipts	757,176	1,853,654	851,559	1,039,655	1,314,298							
Total Southeast receipts = 5,816,342												
South Central												
Imported from:	Exported to:											
	Alabama	Arkansas	Kentucky	Louisiana	Mississippi	Oklahoma	Tennessee	Texas	Florida	Georgia	North Carolina	South Carolina
Alabama	2,192,735	21,033	0	562	12,561	0	27,334	0	234,346	22,681	1,375	0
Arkansas	0	835,885	0	82,474	18,555	14,283	0	159,778	0	10	0	0
Kentucky	6,924	0	156,856	3,154	3,933	0	10,969	0	0	0	0	2,583
Louisiana	37	88,609	0	776,161	72,915	0	0	171,342	0	0	0	85
Mississippi	410,014	192,112	0	330,063	566,982	0	36,591	0	20,758	0	0	0
Oklahoma	0	123,297	0	0	0	53,564	0	3,505	0	0	0	0
Tennessee	362,388	1,066	197,035	574	2,846	0	305,289	0	0	0	70,684	0
Texas	77	220,799	0	69,208	0	42,851	0	710,782	0	23	0	0
Florida	26,209	0	0	552	83	0	0	0	0	0	0	0
Georgia	162,889	27	34,459	148	40	0	41,987	0	0	0	0	0
North Carolina	0	0	73,462	2,543	7,735	0	7,346	480	0	0	0	0
South Carolina	0	0	0	0	0	0	0	0	0	0	0	0
Other ^d	0	273	60,582	0	0	0	20,572	0	0	0	0	0
Roundwood receipts	3,161,273	1,483,101	522,394	1,265,439	685,650	110,698	450,088	1,045,887				
Total South Central receipts = 8,724,530												

NA = not applicable.

^a Other destinations include Arkansas, Kentucky, and Texas.

^b Other sources include Arkansas, Illinois, Kentucky, New Hampshire, Ohio, and Texas.

^c Other destinations include Virginia.

^d Other sources include Virginia.

Table 22—Southern pulpmills, by process and capacity, 2001

			Pulping capacity, 24 hours ^b				
Location	Map code ^a	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons							
Alabama							
Clairborne ^c	[1,2,3]	Alabama River Companies	3,000	2,400	600	0	0
Jackson	[4]	Boise Cascade Corporation	800	800	0	0	0
Courtland	[5]	International Paper Company	1,850	1,850	0	0	0
Demopolis	[6]	Gulf States Paper Corporation	975	975	0	0	0
Selma	[7]	International Paper Company	1,295	1,295	0	0	0
Naheola	[8]	Georgia-Pacific Corporation	1,100	1,100	0	0	0
Brewton	[9]	Smurfit-Stone Container Corporation	1,300	1,300	0	0	0
Coosa Pines	[10]	Bowater, Incorporated	1,100	1,100	0	0	0
Pine Hill	[11]	Weyerhaeuser Company	1,850	1,250	0	600	0
Cottonton	[12]	Mead Coated Board	2,200	2,200	0	0	0
Stevenson	[13]	Mead Containerboard	750	0	0	750	0
Prattville	[14]	International Paper Company	2,385	2,385	0	0	0
Total			18,605	16,655	600	1,350	0
Arkansas							
Pine Bluff	[15]	Gaylord Container Corporation	500	500	0	0	0
Ashdown	[16]	Domtar Industries, Incorporated	2,450	2,450	0	0	0
Crossett	[17]	Georgia-Pacific Corporation	1,600	1,600	0	0	0
Morrilton	[18]	Green Bay Packaging, Incorporated	800	800	0	0	0
Pine Bluff	[19]	International Paper Company	1,340	1,200	140	0	0
McGehee	[20]	Potlatch Corporation	550	550	0	0	0
Total			7,240	7,100	140	0	0
Florida							
Perry	[21]	Buckeye Florida, LP	1,200	1,200	0	0	0
Cantonment	[22]	International Paper Company	1,485	1,485	0	0	0
Palatka	[23]	Georgia-Pacific Corporation	1,510	1,510	0	0	0
Fernandina Beach	[24]	Rayonier, Incorporated	470	0	0	0	470
Fernandina Beach	[25]	Smurfit-Stone Container Corporation	2,200	2,200	0	0	0
Panama City	[26]	Smurfit-Stone Container Corporation	1,635	1,635	0	0	0
Total			8,500	8,030	0	0	470
Georgia							
Augusta	[27]	Augusta Newsprint Company	1,100	0	1,100	0	0
Augusta	[28]	International Paper Company	1,700	1,700	0	0	0
Brunswick	[29]	Georgia-Pacific Corporation	2,280	2,280	0	0	0
Cedar Springs	[30]	Georgia-Pacific Corporation	2,825	2,300	0	525	0
St. Marys	[31]	Durango-Georgia Paper Company	1,125	1,125	0	0	0
Rome	[32]	Inland Paperboard and Packaging, Inc.	2,350	2,350	0	0	0
Riceboro	[33]	Interstate Paper LLC	700	700	0	0	0
Jesup	[34]	Rayonier, Incorporated	1,700	1,700	0	0	0
Valdosta	[35]	Packaging Corporation of America	1,130	1,130	0	0	0
Macon	[36]	Riverwood International Corporation	1,200	1,200	0	0	0
Savannah	[37]	International Paper Company	2,160	2,160	0	0	0
Oglethorpe	[38]	Weyerhaeuser Company	1,155	1,155	0	0	0
Port Wentworth	[39]	Willamette Industries, Incorporated	745	745	0	0	0
Total			20,170	18,545	1,100	525	0

continued

Table 22—Southern pulpmills, by process and capacity, 2001 (continued)

Location	Map code ^a	Company	Pulping capacity, 24 hours ^b				
			All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
tons							
Kentucky							
Wickliffe	[40]	Westvaco Corporation	850	850	0	0	0
Hawesville	[41]	Willamette Industries, Incorporated	1,550	1,400	0	150	0
		Total	2,400	2,250	0	150	0
Louisiana							
DeRidder	[42]	Boise Cascade Corporation	1,975	1,300	675	0	0
Bogalusa	[43]	Gaylord Container Corporation	2,150	2,150	0	0	0
Port Hudson	[44]	Georgia-Pacific Corporation	1,920	1,920	0	0	0
Bastrop	[45]	International Paper Company	1,200	1,200	0	0	0
Pineville	[46]	International Paper Company	850	850	0	0	0
Mansfield	[47]	International Paper Company	2,420	1,845	0	575	0
St. Francisville	[48]	Tembec, Incorporated	670	670	0	0	0
St. Francisville	[49]	Tembec, Incorporated	275	0	275	0	0
West Monroe	[50]	Riverwood International Corporation	1,980	1,730	0	250	0
Hodge	[51]	Smurfit-Stone Container Corporation	1,500	1,500	0	0	0
Campti	[52]	Willamette Industries, Incorporated	1,050	1,050	0	0	0
		Total	15,990	14,215	950	825	0
Mississippi							
Monticello	[53]	Georgia-Pacific Corporation	2,500	2,500	0	0	0
New Augusta	[54]	Georgia-Pacific Corporation	1,550	1,550	0	0	0
Moss Point	[55]	International Paper Company	225	225	0	0	0
Natchez	[56]	International Paper Company	1,250	1,250	0	0	0
Vicksburg	[57]	International Paper Company	1,300	1,300	0	0	0
Grenada	[58]	Bowater, Incorporated	675	0	675	0	0
Columbus	[59]	Weyerhaeuser Company	1,650	1,430	220	0	0
		Total	9,150	8,255	895	0	0
North Carolina							
Roaring River	[60]	Louisiana-Pacific Corporation	475	0	475	0	0
Canton	[61]	Blue Ridge Paper Products, Inc.	1,400	1,400	0	0	0
Roanoke Rapids	[62]	International Paper Company	1,430	1,430	0	0	0
Riegelwood	[63]	International Paper Company	2,100	2,100	0	0	0
Conway	[64]	Georgia-Pacific Corporation	200	0	200	0	0
New Bern	[65]	Weyerhaeuser Company	1,045	1,045	0	0	0
Plymouth	[66]	Weyerhaeuser Company	1,450	1,200	0	250	0
		Total	8,100	7,175	675	250	0
Oklahoma							
Pryor	[67]	Georgia-Pacific Corporation	50	0	50	0	0
Valliant	[68]	Weyerhaeuser Company	2,150	1,650	0	500	0
		Total	2,200	1,650	50	500	0
South Carolina							
Catawba	[69]	Bowater, Incorporated	2,350	1,350	1,000	0	0
Georgetown	[70]	International Paper Company	1,565	1,565	0	0	0
Hartsville	[71]	Sonoco Products Company	300	0	0	300	0
Florence	[72]	Smurfit-Stone Container Corporation	1,530	1,530	0	0	0
Eastover	[73]	International Paper Company	1,775	1,775	0	0	0
Charleston	[74]	Westvaco Corporation	2,300	2,300	0	0	0
Bennettsville	[75]	Willamette Industries, Incorporated	1,000	1,000	0	0	0
		Total	10,820	9,520	1,000	300	0

continued

Table 22—Southern pulpmills, by process and capacity, 2001 (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	[76]	Bowater, Incorporated	1,450	1,000	450	0	0
New Johnsonville	[77]	Inland Paperboard and Packaging, Inc.	400	0	0	400	0
Kingsport	[78]	Willamette Industries, Incorporated	300	0	0	0	300
Counce	[79]	Packaging Corporation of America	1,950	1,950	0	0	0
Knoxville	[80]	Tamko Roofing Products, Incorporated	125	0	125	0	0
Total			4,225	2,950	575	400	300
Texas							
Lufkin	[81]	Abitibi-Consolidated	1,345	545	800	0	0
Texarkana	[82]	International Paper Company	1,550	1,550	0	0	0
Orange	[83]	Inland Paperboard and Packaging, Inc.	1,450	1,450	0	0	0
Diboll	[84]	Temple-Inland Forest Products Corporation	500	0	500	0	0
Silsbee	[85]	Westvaco Corporation	1,850	1,850	0	0	0
Total			6,695	5,395	1,300	0	0
Virginia							
Ashland	[86]	Bear Island Paper Company, LLC	880	0	880	0	0
West Point	[87]	Smurfit-Stone Container Corporation	1,700	1,700	0	0	0
Jarratt	[88]	Georgia-Pacific Corporation	400	0	400	0	0
Big Island	[89]	Georgia-Pacific Corporation	750	0	0	750	0
Hopewell	[90]	Smurfit-Stone Container Corporation	1,030	1,030	0	0	0
Franklin	[91]	International Paper Company	1,670	1,670	0	0	0
Riverville	[92]	Greif Brothers Corporation	550	0	0	550	0
Covington	[93]	Westvaco Corporation	1,700	1,700	0	0	0
Danville	[94]	Masonite Corporation	330	0	330	0	0
Total			9,010	6,100	1,610	1,300	0
Total South			123,105	107,840	8,895	5,600	770

^a Corresponds to numbers at locations on the mill capacity map (fig. 7).

^b Lockwood-Post's Directory (2002) and other sources.

^c This is pulping capacity for three mills at this site.

Table 23—Other mills using southern pulpwood in 2001, by process and capacity

		Pulping capacity, 24 hours ^a				
Location	Company	All	Sulfate	Groundwood	Semi-	Soda
		processes		and other		chemical
		mechanical				
		sulfite				
		tons				
Maryland						
Luke	Westvaco Corporation	882	882			
Ohio						
Chillicothe	Mead Corporation	1,000	1,000			
Pennsylvania						
Spring Grove	P.H. Glatfelter Company	630	630			

^a Lockwood-Post's Directory (2002) and other sources.



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In 2001, the South's production of pulpwood declined 5 percent to 63.5 million cords. Roundwood production dropped to 42.3 million cords and accounted for 67 percent of the total pulpwood production. The use of wood residue declined 5 percent to 21.2 million cords. Alabama continued to lead the South in total production and number of mills. In 2001, 94 mills were operating and drawing wood from the 13 Southern States. Southern mills' pulping capacity dropped from 130,337 tons per day in 2000 to 123,105 tons per day in 2001, but still accounted for more than 70 percent of the Nation's total pulping capacity.

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

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