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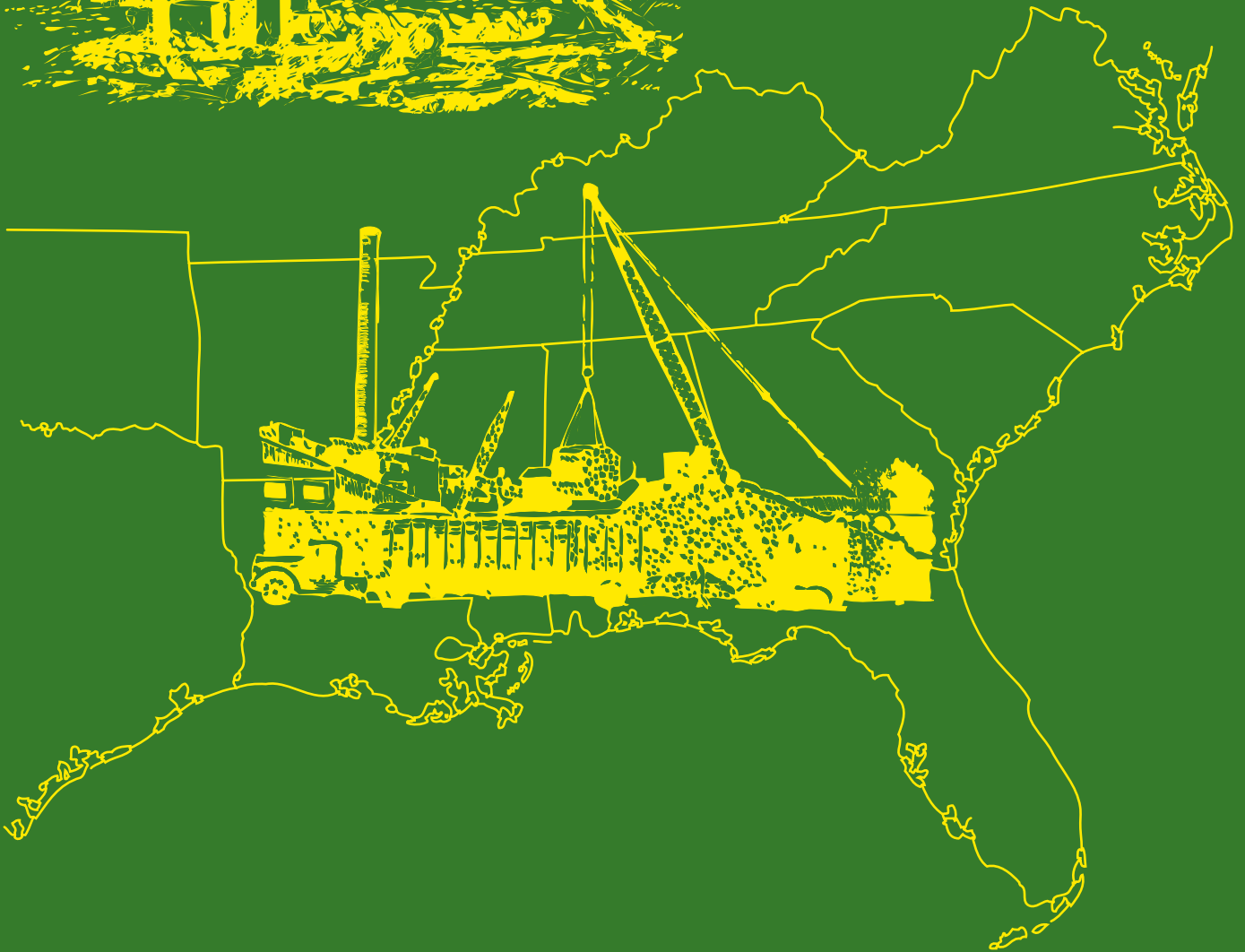
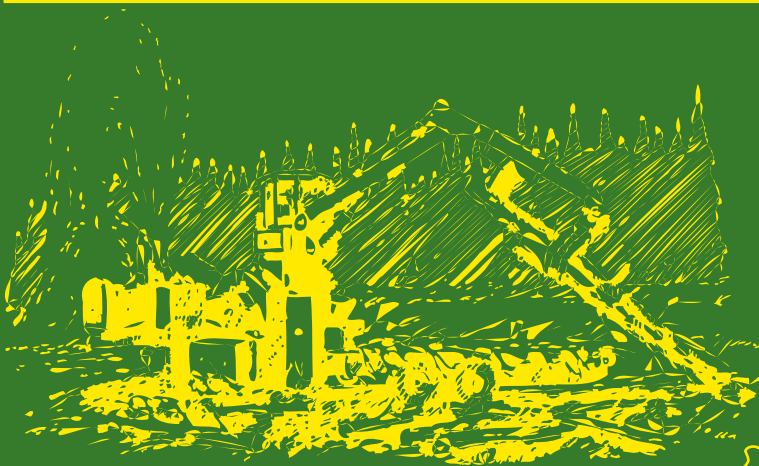
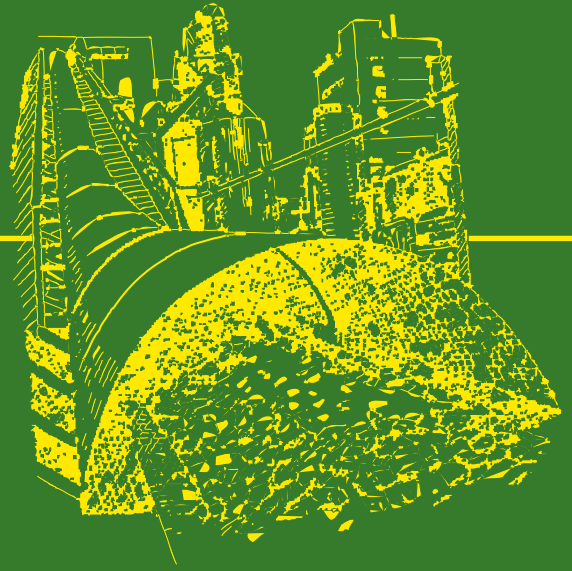


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SRS-168

Southern Pulpwood Production, 2009

Tony G. Johnson and
Carolyn D. Steppleton



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Note: All tables in this report are available in Microsoft® Excel workbook files. Upon request these files will be supplied in the format the customer requests.

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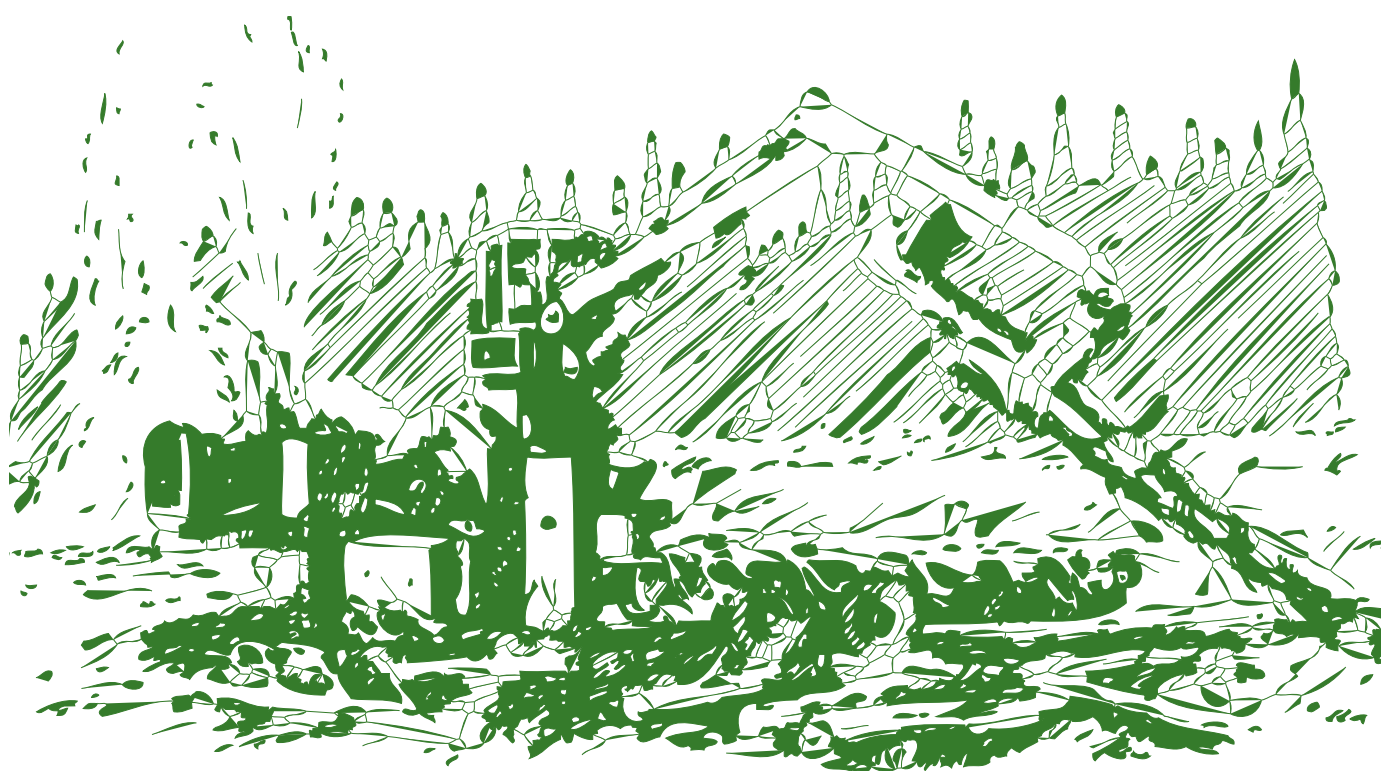
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Southern Research Station
200 W.T. Weaver Blvd.
Asheville, NC 28804

Southern Pulpwood Production, 2009

Tony G. Johnson, Forester
Forest Inventory and Analysis,
Forest Service, Southern Research Station
U.S. Department of Agriculture, Asheville, NC
and

Carolyn D. Steppleton, Statistical Assistant
Forest Inventory and Analysis
Forest Service, Southern Research Station
U.S. Department of Agriculture, Asheville, NC



Introduction

The Forest Inventory Analysis (FIA) unit of the Southern Research Station annually compiles, analyzes, and reports canvass data of pulpmills in the South. This report for 2009 presents the findings of a 100 percent canvass of pulpmills that drew roundwood or wood residues from the 13 Southern States. Of the 83 mills canvassed, 81 responded. For the two mills that did not respond, previous canvass data and other sources of information were used for the findings reported in this publication. Regional conversion factors were used to convert mill data reported in nonstandard units to standard cords. The report gives all production figures in cords and does not include pulpwood that is exported out of the country. Tables A.1, A.3, and A.7 through A.19 of the report express equivalent green tons of production. Unless otherwise indicated, the context for production comparisons (increases, decreases, or stabilizations) throughout the report is the change from 2008 to 2009.

Pulpwood

Total Southern pulpwood production, which includes both roundwood chipped at pulp mills or at independent chip mills and other primary industry mill residues, was down 9 percent, 5.8 million cords, to 61.2 million cords (162.2 million green tons) (table A.1). This decline comes after 5 years of pulpwood production increases and puts total production slightly below the level seen in 2003. At 45.5 million cords, softwood production declined 3.7 million cords, or nearly 8 percent. Hardwood production was down 12 percent, from 17.8 million cords to 15.7 million cords. Softwood roundwood and residues combined accounted for 74 percent of the total

Southern pulpwood production, while hardwoods accounted for the remaining 26 percent (table A.2). Total Southern pulpwood production was 19 percent lower than the record volume of 75.9 million cords (200.9 million green tons) reported in 1997.

Pulpwood production in the South Central region (Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas) declined 11 percent, from 35.8 million cords to 31.7 million cords. Softwood pulpwood production was down 2.8 million cords, or nearly 11 percent, in the region, while hardwood production fell 1.3 million cords, or 12 percent. The South Central region's production was down 25 percent, or 10.8 million cords (28.3 million green tons) from the peak year of 1997. Between 1997 and 2009, the South Central region lost 14 pulpmills and 14 percent of its pulping capacity. This region accounts for 54 percent of the South's total pulping capacity.

Production in the Southeast (Florida, Georgia, North Carolina, South Carolina, and Virginia) dropped nearly 6 percent, from 31.2 million cords to nearly 29.5 million cords. Softwood production was down 4 percent in this region, or 960,000 cords, while hardwood production declined nearly 12 percent, or 843,000 cords. From its peak year of 1997, the Southeast region's production declined 12 percent, or 3.9 million cords (10.4 million green tons). Between 1997 and 2009, the Southeast lost six pulpmills and 10 percent of its pulping capacity.

Georgia's pulpwood production declined 13 percent to 10.0 million cords, but still led the South in total pulpwood production (fig. 1). Alabama's production was down

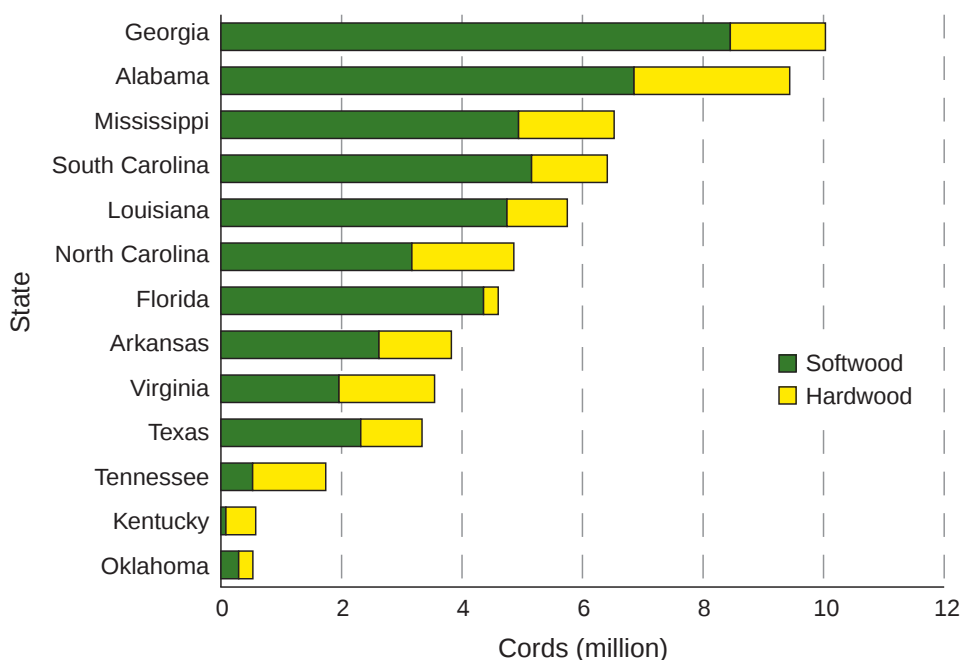


Figure 1—Pulpwood production by State and broad species, 2009.

11 percent to 9.4 million cords. Production in Mississippi was down 9 percent to 6.5 million cords. Pulpwood production in South Carolina increased 2 percent to 6.4 million cords. Louisiana's and North Carolina's production dropped 12 and 10 percent to 5.7 and 4.9 million cords, respectively. Collectively, these six States accounted for 43.0 million cords, or 70 percent, of the South's total 2009 production (table A.3).

Roundwood

Roundwood pulpwood continues to be the primary fiber source used in pulp manufacture in the South. In 2009, it accounted for 76 percent of the total Southern pulpwood production (fig. 2). This represents an increase over 2008 when roundwood accounted for 73 percent of total pulpwood production. Between 2003 and 2006, roundwood comprised between 72 and 74 percent. Overall, from 2008 to 2009, the South's roundwood production declined by 2.3 million cords, or 5 percent, from 48.8 to 46.5 million cords (table A.4). At 34.2 million cords, softwood accounted for nearly 74 percent of the total roundwood production. Between 2008 and 2009, softwood roundwood production was down by 3 percent, or 1.1 million cords, while hardwood roundwood production declined by 1.2 million cords, or 9 percent. In comparison to the peak year of 1997, softwood roundwood production was up by 235,500 cords, or 1 percent, while hardwood roundwood production dropped by 7.9 million cords, or 39 percent.

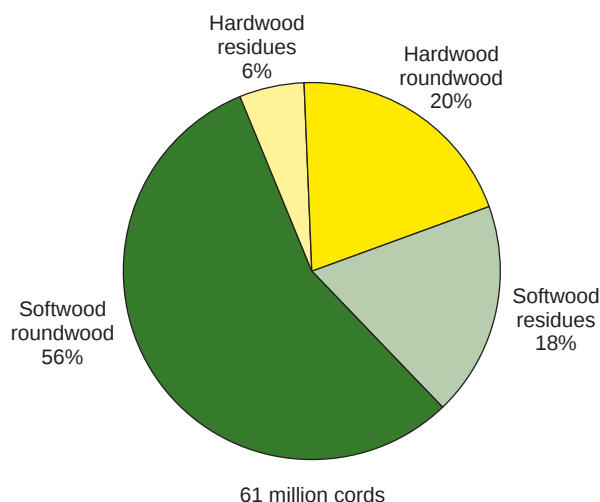


Figure 2—Softwood and hardwood components of Southern pulpwood production, 2009.

Eight Southern States—Alabama, Arkansas, Georgia, Louisiana, North Carolina, Oklahoma, Texas, and Virginia—showed a decline in roundwood production, with respective declines ranging from 5 to 15 percent. Five Southern States showed small to moderate increases in roundwood production. Georgia's roundwood production dropped 13 percent but still led in total roundwood production, with 8.0 million cords, and as producer of softwood roundwood, with 6.8 million cords. At 7.1 million cords, Alabama ranked second in total roundwood production and was the leading producer of hardwood roundwood, at 2.0 million cords. Roundwood pulpwood production in Mississippi, South Carolina, Louisiana, and Florida was 5.3, 4.8, 4.5, and 3.7 million cords, respectively. Combined production in these six States was 33.4 million cords, for 72 percent of the South's roundwood total.

Wood Residues

Mills reported two types of receipts: roundwood and wood residues. Wood residues consist primarily of mill residue chips, a byproduct of sawmilling and veneer mill operations. This publication reports certain residues that technically are not wood residues, such as chips produced in the woods or generated when material received as roundwood by primary producers is chipped instead of milled.

Wood residue production in the South dropped by 3.6 million cords, to 14.6 million cords, or 35.4 million tons (table A.5). Softwood residue production declined by 19 percent to 11.2 million cords but still accounted for 77 percent of total wood residues. Hardwood residue production fell by 970,000 cords, or 22 percent, to 3.4 million cords.

Only one Southern State, South Carolina, showed an increase in wood residue production, while 12 States showed moderate to substantial declines ranging from 4 to 89 percent. Alabama led Southern States in the production of wood residues with 2.4 million cords, followed by Georgia, South Carolina, Virginia, North Carolina, and Louisiana with 2.0, 1.6, 1.5, 1.4, and 1.3 million cords, respectively. Combined wood residue production in these six States amounted to 10.2 million cords, or 70 percent of the South's total.

County and Parish Production

Table A.6 summarizes pulpwood production in the South by source of wood, State, year, and number of mills for 1998 through 2009. Tables A.7 through A.19 report county and parish (herein county) patterns of roundwood pulpwood production for domestic pulpmills. Exports of wood residues

and pulpwood production exported outside the United States are not included in these figures because of difficulty determining the county of origin for the residues and exports. In 2009, of the 1,306 total counties in the 13 Southern States, 902 counties produced softwood or hardwood roundwood or both; in 2007, this number was 877; in 2006, it was 900; and in 2005, it was 872.

Of counties producing in 2009, only 16, or 2 percent, harvested > 250,000 cords of softwood and hardwood roundwood combined; 9 of the 16 counties were in Alabama and Louisiana. Fifteen percent, or 133 counties evenly distributed across the South, reported roundwood production ranging between 100,000 and 250,000 cords, while 171 counties, or 19 percent, reported production that ranged

between 50,000 and 99,999 cords. The remaining 582 counties or 64 percent of producing counties produced < 50,000 cords. Figures 3 and 4 depict the intensity of production of softwood and hardwood roundwood pulpwood in cords per acre of treated timberland, a measurement that discounts the effect of county size on concentration of production. The reasoning behind and methodology for using treated acres versus total timberland area are discussed in McCollum and Johnson¹. In both figures, counties in the dark shade of green produced > 8 cords per acre of treated timberland. Across the South, 184 counties produced > 8 cords of softwood per acre of treated timberland, while only 28 counties produced > 8 cords of hardwood per acre of treated timberland (table 1).

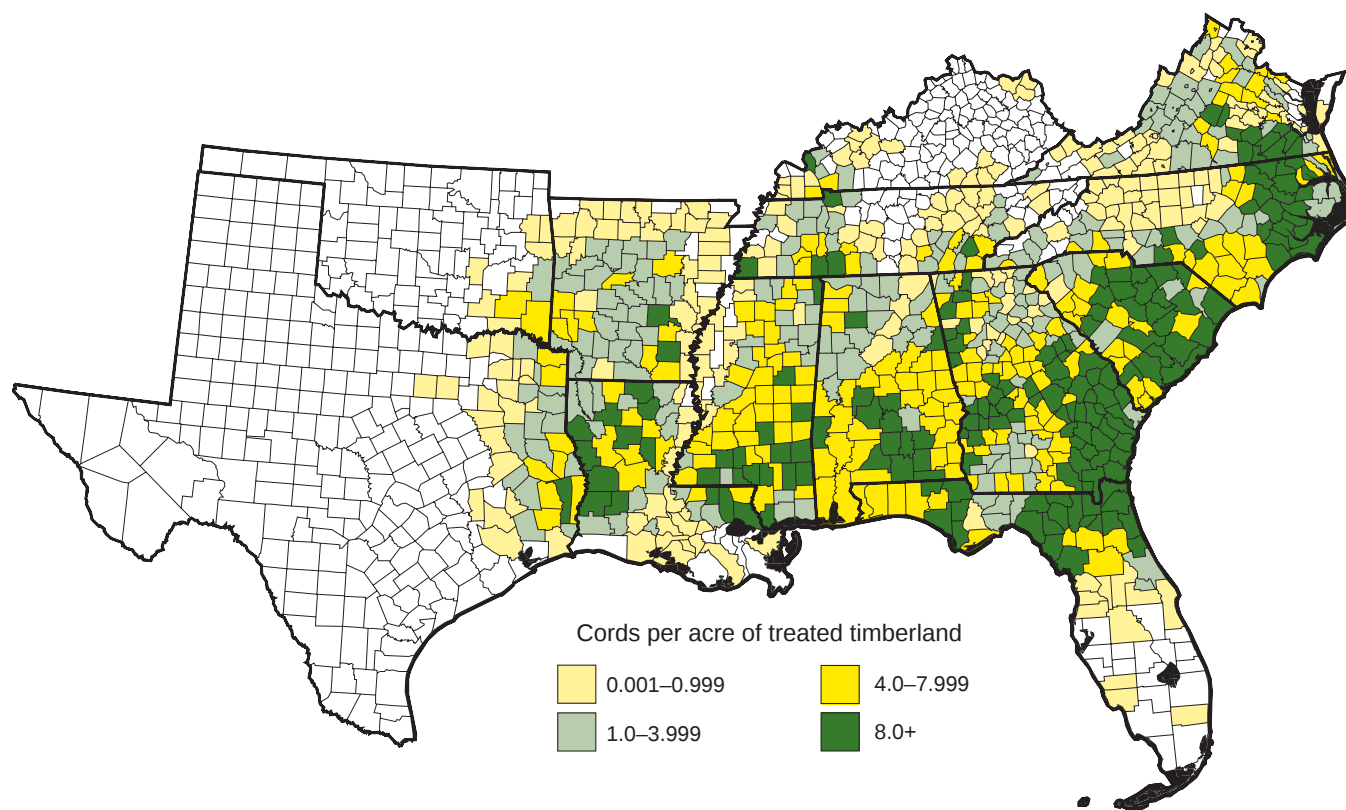


Figure 3—Softwood roundwood production in the South by county or parish, 2009.

¹ McCollum, J.M.; Johnson T.G. Resolving the timber products output canvass with phase 2 data. Manuscript in preparation. McCollum can be reached at Southern Research Station, 4700 Old Kingston Pike, Knoxville, TN 37919. Johnson can be reached at Southern Research Station, 200 W.T. Weaver Blvd., Asheville, NC 28804.

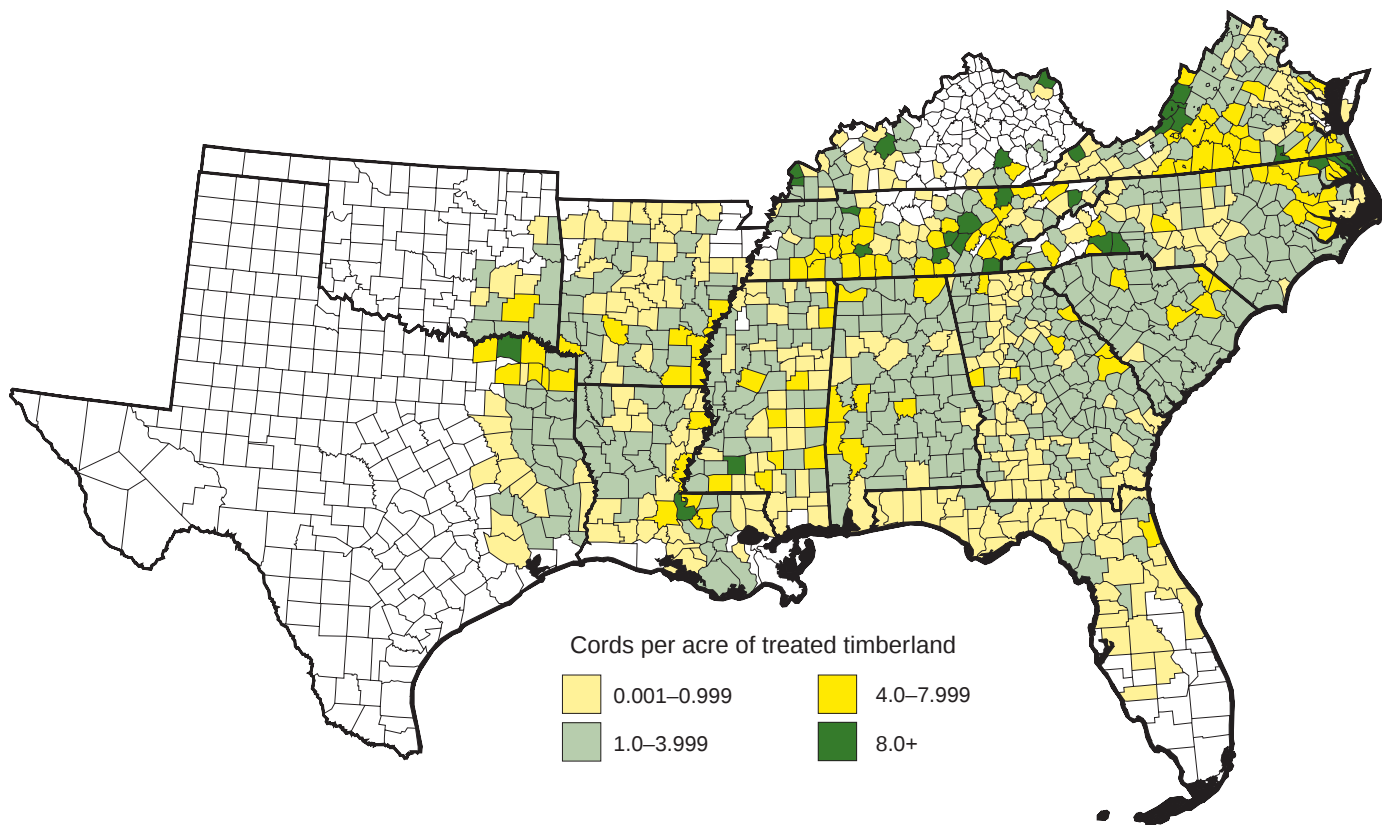


Figure 4—Hardwood roundwood production in the South by county or parish, 2009.

Table 1—Number of producing counties in the South, by range of cords per acre of treated timberland for softwood and hardwood roundwood, 2009

Range <i>cords/treated acre</i>	Softwood <i>number of counties</i>	Hardwood
0	63	20
0.001–0.999	229	305
1.0–3.999	214	436
4.0–7.999	212	113
8.0+	184	28
Total	902	902

A barometer of local competition for pulpwood is the number of pulpmills procuring wood from each county (figs. 5 and 6). In 429, or 48 percent, of the producing counties, 1 to 3 mills were actively procuring both softwood and hardwood roundwood (table 2). In 326, or 36 percent, of the producing counties, 4 to 6 mills were actively procuring wood. In the remaining 147, or 16 percent, of producing counties, 7 or more mills were active. By comparison, in 1997, a peak year for Southern pulpwood production, 103 pulpmills were active in the South, and 347, or 38 percent, of producing counties had 7 or more mills competing for wood.

Roundwood Movement

Tables A.20 and A.21 show the domestic import and export volumes and roundwood movement of softwood and hardwood roundwood between States in the Southeast and South Central regions. Numbers in boxes represent roundwood harvested and retained for processing in each State. The numbers in rows to the left and right of the boxed numbers represent wood exported to the other States. Therefore, the sum of the figure for retained wood and the figure for exported wood is the total roundwood production for the State. The numbers in columns either above or below the figures for retained wood represent wood imported from

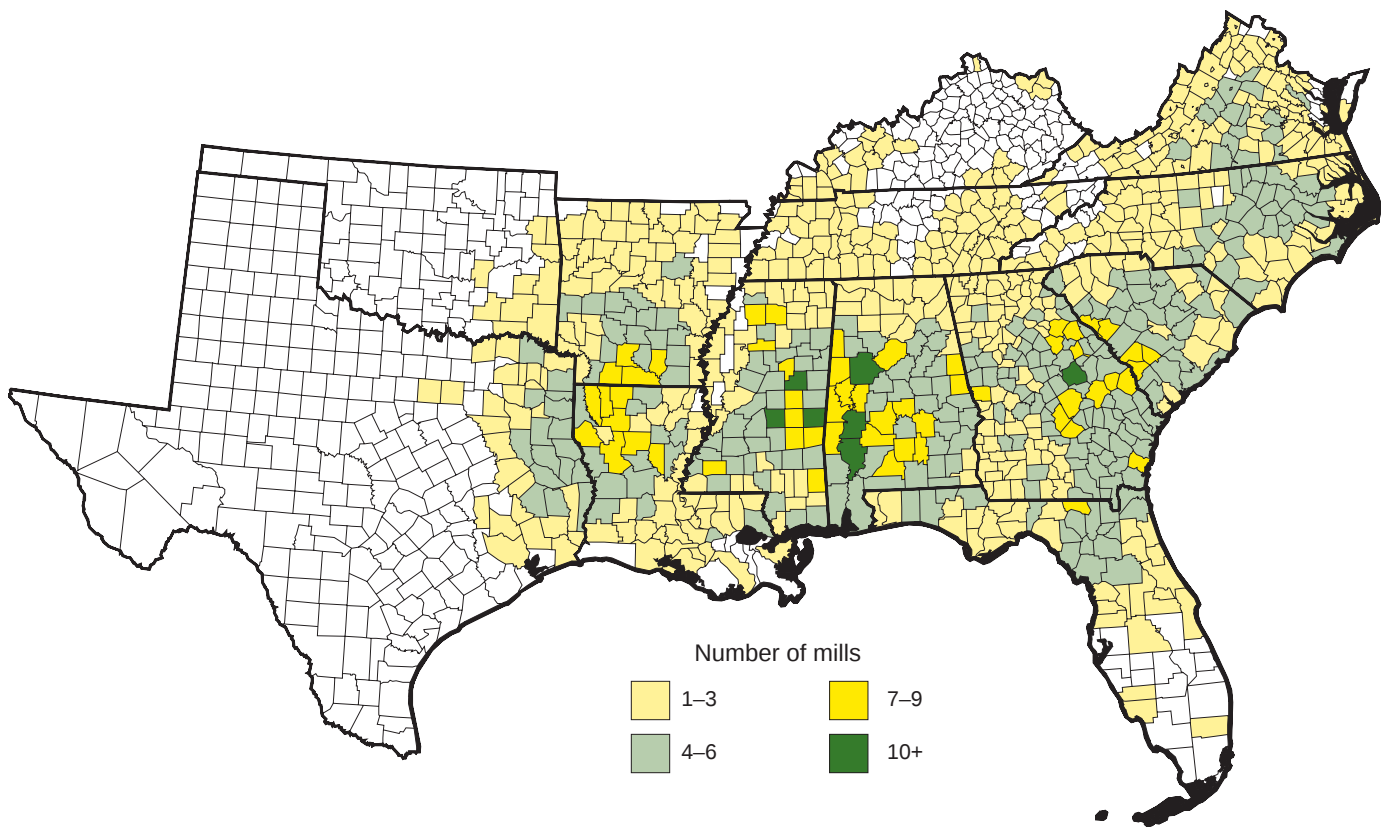


Figure 5—Number of mills competing for softwood roundwood by county or parish, 2009.

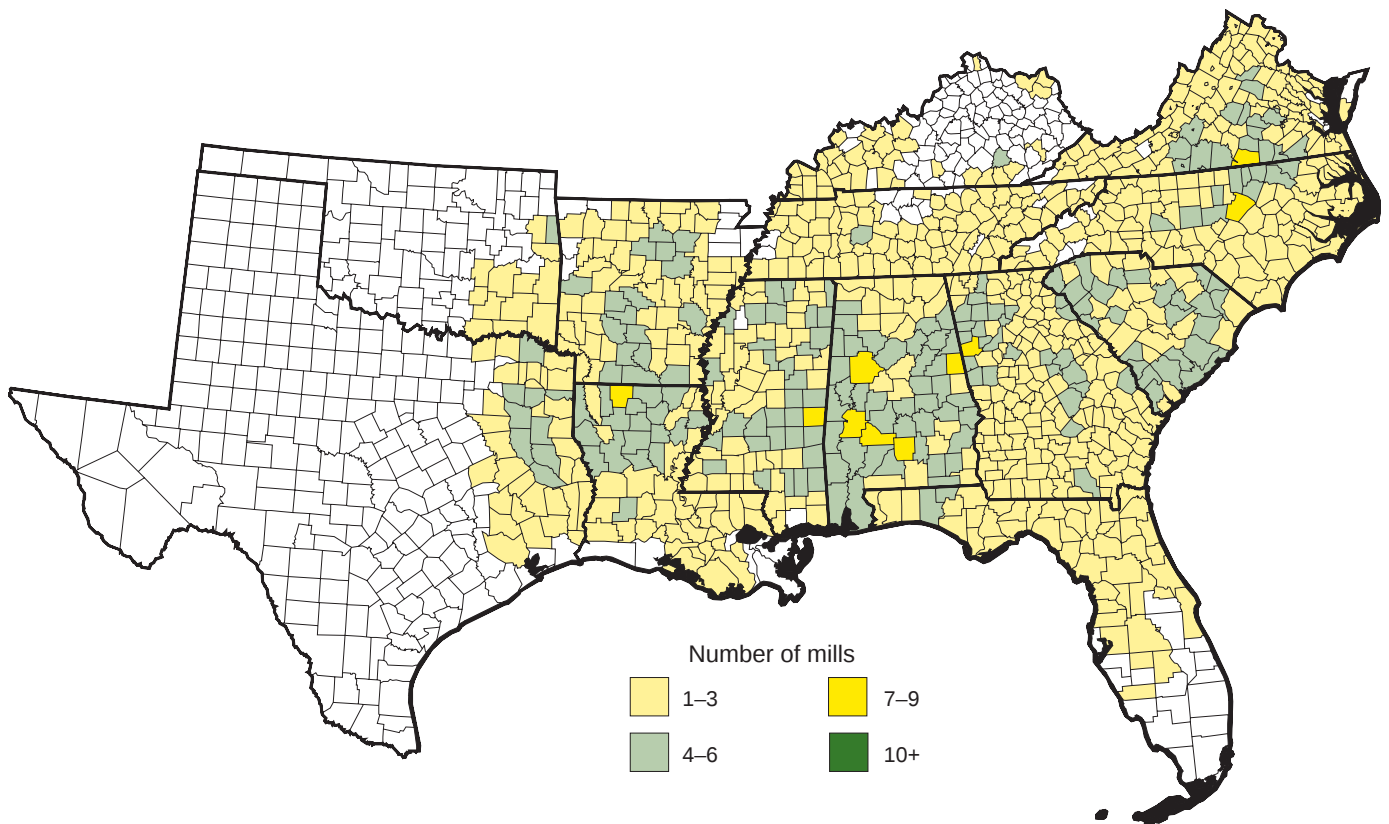


Figure 6—Number of mills competing for hardwood roundwood by county or parish, 2009.

Table 2—Number of producing counties in the South by number of pulpmills procuring softwood and hardwood roundwood, 2009

Mills number	Combined ^a number of counties	Softwood ^b	Hardwood ^c
0	0	63	20
1–3	429	502	674
4–6	326	274	198
7–9	126	56	10
10+	21	7	0
Total	902	902	902

^a Combined is counties with mills procuring both softwood and hardwood.

^b Softwood is counties with mills procuring only softwood.

^c Hardwood is counties with mills procuring only hardwood.

other States. The sum of the retained figure and the figure for wood imported from other States represents roundwood receipts or the amount of roundwood processed by mills in a State.

The South Central region was a net importer of roundwood pulpwood. For softwood and hardwood combined, imports exceeded exports by 178,499 cords (tables A.20 and A.21). Softwood exports exceeded imports by 142,803 cords, while hardwood imports exceeded exports by 321,302 cords. The Southeast was a net exporter of pulpwood, with softwood and hardwood exports exceeding imports by 141,933 cords. Softwood exports exceeded imports by 38,857 cords, while hardwood exports exceeded imports by 103,076 cords. Across the South roundwood pulpwood receipts, or consumption, exceeded production by 36,566 cords.

Mills and Pulping Capacity

In 2009, 83 southern pulpmills were operating and drawing wood from the 13 Southern States, three less than in 2008 (fig. 7). The International Paper mill in Bastrop, Louisiana,

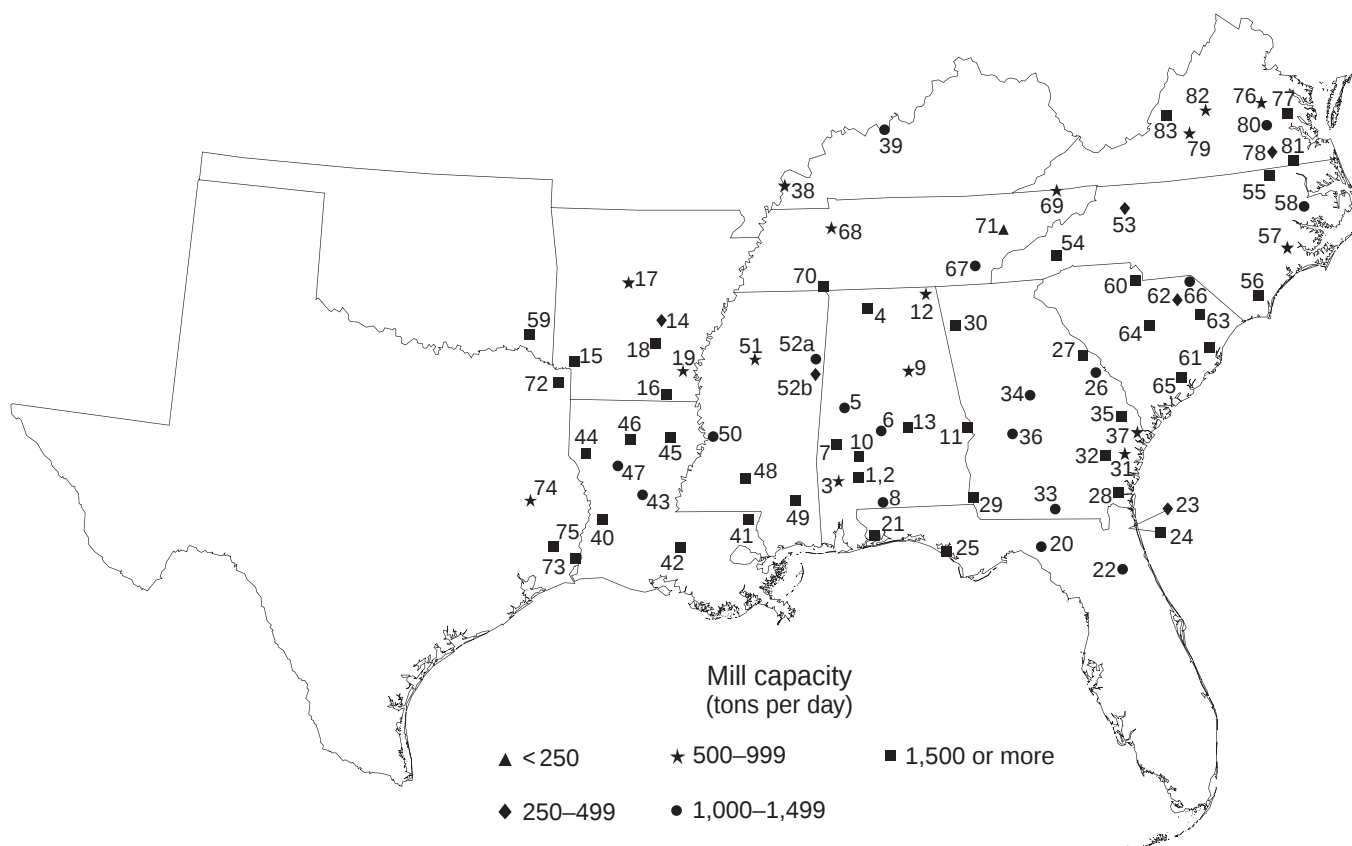


Figure 7—Capacity of southern pulpmills operating and drawing wood from the 13 Southern States, 2009. Numerals are coded on Table A.22.

the Alabama River newsprint mill in Clairborne, Alabama, and the Georgia Pacific mill in Pryor, Oklahoma closed in 2008. At the same time, total southern mill pulping capacity decreased from 124,679 tons per day in 2008 to 123,368 tons per day in 2009. Daily capacity of individual mills ranged from 125 tons to 3,162 tons. In 1979, 117 mills were operating in the South, where the average pulpmill capacity was 948 tons per day. By 1997, a peak year for pulpwood production in the South, the number of operating pulpmills in the South had declined to 103, but average pulping capacity had increased to 1,361 tons per day. In 2009, the average daily capacity was 1,486 tons per day, 36 tons per day higher than in 2008 and 125 tons per day higher than in 1997.

Many companies operate pulping facilities throughout the South. In 2009, International Paper Company was the dominant pulp and paper company, with 17 pulpmills in 10 Southern States responsible for 27 percent of the South's pulping capacity. Georgia-Pacific Corporation operated 10 pulpmills in seven States and accounted for 14 percent of the South's pulping capacity. Smurfit-Stone Container Corporation operated seven pulpmills in five States and accounted for 8 percent of the South's pulping capacity. With > 60,542 tons of pulping capacity, these three companies were responsible for 49 percent of the South's pulping capacity. Domtar Paper Co., LLC, Temple-Inland, Inc., AbitibiBowater, Inc., Weyerhaeuser Company, and MeadWestvaco Corporation operated six, five, four, four, and three mills, respectively, and accounted for another 24 percent of the South's pulping capacity.

The sulfate process dominated the industry in 2009, accounting for 89 percent of mill capacity. Groundwood or other mechanical processes accounted for 5 percent, semichemical 5 percent, and soda and other chemical processes 1 percent (table A.22). These capacities have remained relatively stable over the past few years. Based on 2009 production and mill capacity, and using an average of 350 total operating days, southern pulpmills operated at 89-percent capacity.

Alabama and Georgia continued to lead the South in the number of operating mills, with 13 and 12 mills, respectively. Georgia led in pulping capacity, with 20,712 tons per day and Alabama followed, with 20,653 tons per day (table 3). These two States accounted for 34 percent of the South's pulping capacity. In addition, three pulpmills outside the Southern region drew wood from the South in 2009 (table A.23).

Table 3—Number of pulpmills and pulping capacity, by State, 2009

State	Mills <i>number</i>	24-hour capacity <i>tons</i>
Alabama	13	20,653
Arkansas	6	7,720
Florida	6	8,663
Georgia	12	20,712
Kentucky	2	2,250
Louisiana	8	14,785
Mississippi	5	8,054
North Carolina	6	8,220
Oklahoma	1	2,075
South Carolina	7	10,183
Tennessee	5	4,875
Texas	4	5,883
Virginia	8	9,295
Total	83	123,368

Trends

Figure 8 depicts Southern pulpwood production from 1953 to 2009. The 9-percent decline registered between 2008 and 2009 is one of the largest drops recorded since data collection began; second only to the 14-percent decline recorded between 1974 and 1975. Softwood roundwood expressed as a percent of total production declined significantly from 1953 until the mid-1980s. In 1953, softwood roundwood supplied 87 percent of the total pulpwood production. By 1985 it made up only 44 percent of total production and remained relatively stable until 2002. Since then softwood roundwood has made up an increasingly larger share of total pulpwood production. Although softwood roundwood was down 3 percent in 2009, it accounted for 56 percent of total pulpwood production.

In contrast, hardwood roundwood as a proportion of total pulpwood production was only 12 percent in 1953 and steadily increased until 1997 when it accounted for 27 percent of total production. Since then the hardwood roundwood component has steadily declined. In 2009, with a 9-percent decline in hardwood roundwood production recorded it only accounted for 20 percent of total pulpwood production.

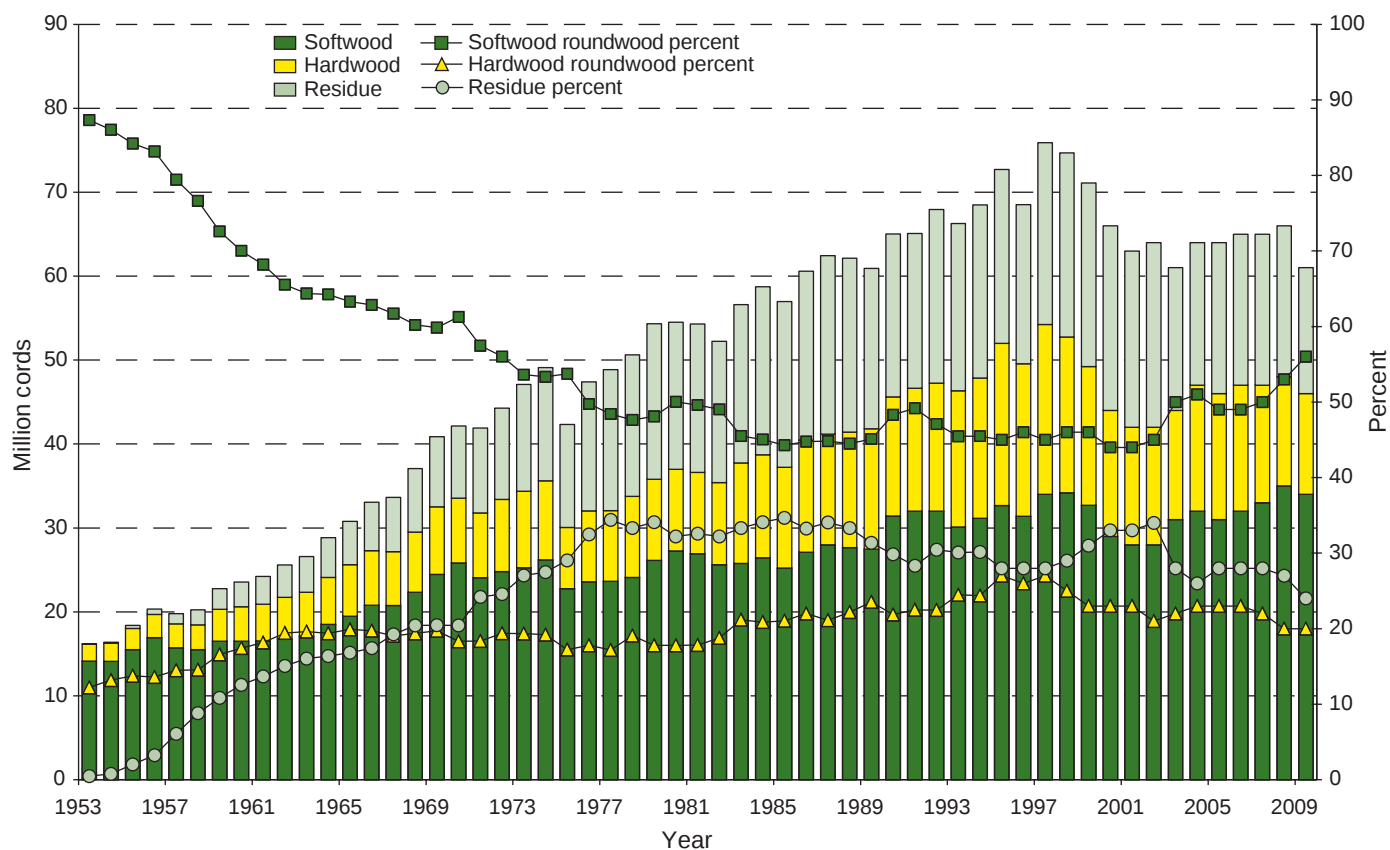


Figure 8—Pulpwood production in the South, 1953–2009.

The production and use of wood residues in the South has taken much the same track as hardwood production. In 1953, wood residue was not recorded as being used for pulpwood production. The production and use of wood residue increased steadily until 1985 when it accounted for 35 percent of total pulpwood production. Since then the proportion of wood

residue has declined. Although wood residues are still an important source of fiber for the pulp and paper industry in the South, the 20-percent decline in wood residue production in 2009 has reduced the proportion of wood residues to 24 percent of total pulpwood production.

Appendix

Table A.1—Pulpwood production in the Southeast and South Central regions, 2009

Region and source of wood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Southeast ^a						
Roundwood	21,960,766	17,371,156	4,589,610	59,753,030	46,902,121	12,850,909
Residues	7,483,832	5,714,637	1,769,195	18,104,768	13,743,702	4,361,066
Total	29,444,598	23,085,793	6,358,805	77,857,798	60,645,823	17,211,975
South Central ^b						
Roundwood	24,556,245	16,857,043	7,699,202	67,071,783	45,514,017	21,557,766
Residues	7,153,442	5,523,846	1,629,596	17,301,805	13,284,851	4,016,954
Total	31,709,687	22,380,889	9,328,798	84,373,588	58,798,868	25,574,720
Entire South						
Roundwood	46,517,011	34,228,199	12,288,812	126,824,813	92,416,138	34,408,675
Residues	14,637,274	11,238,483	3,398,791	35,406,573	27,028,553	8,378,020
Total	61,154,285	45,466,682	15,687,603	162,231,386	119,444,691	42,786,695

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

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

Table A.2—Pulpwood production in the South by State and species group, 2009

State	All species	Softwood	Hardwood
	<i>standard cords</i>		
Alabama	9,436,494	6,855,166	2,581,328
Arkansas	3,821,831	2,622,118	1,199,713
Florida	4,600,379	4,358,002	242,377
Georgia	10,029,524	8,452,006	1,577,518
Kentucky	574,902	80,882	494,020
Louisiana	5,745,791	4,746,782	999,009
Mississippi	6,525,561	4,936,712	1,588,849
North Carolina	4,858,555	3,166,080	1,692,475
Oklahoma	529,525	295,032	234,493
South Carolina	6,410,975	5,152,273	1,258,702
Tennessee	1,738,752	523,797	1,214,955
Texas	3,336,831	2,320,400	1,016,431
Virginia	3,545,165	1,957,432	1,587,733
All States	61,154,285	45,466,682	15,687,603

Table A.3—Pulpwood production in the South during 2009, and change since 2008

State	Change	Pulpwood	
	<i>percent</i>	<i>standard cords</i>	<i>green tons</i>
Alabama	-11	9,436,494	25,017,459
Arkansas	-12	3,821,831	10,157,347
Florida	16	4,600,379	12,169,700
Georgia	-13	10,029,524	26,625,608
Kentucky	-2	574,902	1,532,738
Louisiana	-12	5,745,791	15,239,044
Mississippi	-9	6,525,561	17,419,490
North Carolina	-10	4,858,555	12,841,601
Oklahoma	-35	529,525	1,445,233
South Carolina	2	6,410,975	16,943,772
Tennessee	-7	1,738,752	4,748,431
Texas	-13	3,336,831	8,813,846
Virginia	-11	3,545,165	9,277,117
All States	-9	61,154,285	162,231,386

Table A.4—Roundwood production in the South by State and species group, 2009 and 2008

State	Change from 2008 <i>percent</i>	2009			2008		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		<i>thousand cords</i>					
Alabama	-9	7,070.6	5,020.9	2,049.7	7,738.9	5,285.9	2,453.0
Arkansas	-6	2,886.4	1,826.8	1,059.6	3,059.9	1,983.2	1,076.8
Florida	23	3,670.1	3,456.1	214.0	2,994.1	2,816.2	177.9
Georgia	-13	8,004.2	6,786.6	1,217.6	9,248.5	7,861.2	1,387.3
Kentucky	9	369.0	79.0	290.0	337.4	45.4	292.1
Louisiana	-5	4,491.7	3,606.4	885.3	4,728.2	3,729.4	998.8
Mississippi	2	5,349.1	4,043.9	1,305.2	5,229.2	3,815.3	1,413.9
North Carolina	-6	3,417.2	2,238.4	1,178.8	3,620.7	2,144.3	1,476.4
Oklahoma	-14	503.4	274.2	229.2	584.3	342.7	241.6
South Carolina	2	4,774.5	3,740.1	1,034.4	4,660.7	3,726.6	934.1
Tennessee	1	1,536.0	517.9	1,018.1	1,520.8	580.5	940.3
Texas	-15	2,350.1	1,487.9	862.2	2,779.9	1,697.7	1,082.2
Virginia	-8	2,094.7	1,149.9	944.8	2,286.0	1,299.8	986.2
All States	-5	46,517.0	34,228.2	12,288.8	48,788.6	35,328.2	13,460.4

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

Table A.5—Southern output of wood residues for pulp manufacture by State and species group, 2009 and 2008

State	Change from 2008 <i>percent</i>	2009			2008		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		<i>thousand cords</i>					
Alabama	-18	2,365.9	1,834.2	531.7	2,901.6	2,249.0	652.6
Arkansas	-26	935.5	795.3	140.2	1,268.0	1,064.5	203.6
Florida	-4	930.3	901.9	28.4	968.9	953.5	15.4
Georgia	-14	2,025.3	1,665.4	359.9	2,346.0	1,937.0	409.0
Kentucky	-18	205.9	1.9	204.0	249.8	2.0	247.7
Louisiana	-29	1,254.1	1,140.4	113.7	1,769.8	1,626.5	143.3
Mississippi	-39	1,176.5	892.8	283.7	1,941.6	1,569.3	372.2
North Carolina	-20	1,441.4	927.7	513.7	1,798.8	1,060.3	738.5
Oklahoma	-89	26.2	20.9	5.3	228.2	216.9	11.3
South Carolina	1	1,636.5	1,412.2	224.3	1,625.8	1,382.5	243.3
Tennessee	-43	202.8	5.9	196.9	353.5	21.8	331.7
Texas	-8	986.7	832.5	154.2	1,068.5	901.5	166.9
Virginia	-15	1,450.5	807.5	643.0	1,697.3	864.1	833.2
All States	-20	14,637.3	11,238.5	3,398.8	18,217.5	13,848.9	4,368.6

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

Table A.6—Pulpwood production in the South by source of wood, State, year, and number of mills

Source of wood and State	Year											
	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
<i>thousand green tons</i>												
Roundwood												
Alabama	29,344	23,685	21,537	20,575	21,537	19,222	20,535	20,913	21,331	21,540	21,140	19,296
Arkansas	8,908	10,362	8,009	7,582	7,720	7,751	9,134	8,551	8,476	8,406	8,370	7,899
Florida	10,807	9,641	9,802	9,619	9,397	10,096	9,250	7,950	8,345	8,933	8,102	9,931
Georgia	19,394	21,506	20,433	18,218	18,875	20,786	20,558	19,656	21,250	22,353	25,110	21,733
Kentucky	693	675	637	556	637	715	681	891	882	901	940	1,025
Louisiana	12,527	13,064	11,467	10,748	9,934	11,317	11,998	12,601	12,702	13,048	12,866	12,216
Mississippi	16,924	14,926	12,936	11,637	10,578	11,150	14,320	13,525	13,710	14,806	14,260	14,573
North Carolina	12,247	9,771	9,065	8,688	8,486	9,415	9,982	9,830	9,302	10,177	9,924	9,344
Oklahoma	2,060	1,818	1,272	1,118	1,669	1,466	1,216	1,214	1,206	1,262	1,602	1,382
South Carolina	11,702	12,340	10,501	10,284	10,416	10,706	11,769	12,256	11,957	11,834	12,677	12,995
Tennessee	4,345	4,463	4,891	4,685	4,284	4,463	4,098	4,458	4,361	4,314	4,200	4,249
Texas	7,314	6,019	4,195	5,843	5,720	7,124	7,327	7,179	6,202	6,473	7,614	6,432
Virginia	7,970	6,315	6,571	6,176	5,756	6,764	7,425	7,255	6,852	5,849	6,271	5,750
All States	144,235	134,585	121,316	115,729	115,009	120,974	128,292	126,280	126,575	129,897	133,075	126,825
Residues	53,095	52,900	53,898	51,340	52,603	41,039	40,711	42,982	44,367	43,936	44,075	35,407
Total	197,330	187,485	175,214	167,069	167,612	162,012	169,003	169,262	170,943	173,833	177,151	162,231
Number of mills	103	97	98	94	92	91	89	87	87	87	86	83

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

Table A.7—Roundwood pulpwood production in Alabama, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Autauga	184,537	129,519	55,018	503,751	349,701	154,050
Baldwin	152,991	144,140	8,851	413,961	389,178	24,783
Barbour	174,995	132,301	42,694	476,756	357,213	119,543
Bibb	83,155	52,413	30,742	227,593	141,515	86,078
Blount	31,114	2,667	28,447	86,853	7,201	79,652
Bullock	119,116	97,870	21,246	323,738	264,249	59,489
Butler	188,037	159,113	28,924	510,592	429,605	80,987
Calhoun	18,449	14,548	3,901	50,203	39,280	10,923
Chambers	63,669	51,299	12,370	173,143	138,507	34,636
Cherokee	75,791	56,112	19,679	206,603	151,502	55,101
Chilton	81,633	51,831	29,802	223,390	139,944	83,446
Choctaw	348,371	234,156	114,215	952,023	632,221	319,802
Clarke	458,339	296,370	161,969	1,253,712	800,199	453,513
Clay	91,814	64,324	27,490	250,647	173,675	76,972
Cleburne	65,164	59,590	5,574	176,500	160,893	15,607
Coffee	142,552	124,580	17,972	386,688	336,366	50,322
Colbert	41,559	20,684	20,875	114,297	55,847	58,450
Conecuh	233,251	178,538	54,713	635,249	482,053	153,196
Coosa	138,545	112,322	26,223	376,693	303,269	73,424
Covington	173,902	159,358	14,544	470,990	430,267	40,723
Crenshaw	191,919	145,208	46,711	522,853	392,062	130,791
Cullman	31,451	11,386	20,065	86,924	30,742	56,182
Dale	55,563	36,808	18,755	151,896	99,382	52,514
Dallas	189,118	127,508	61,610	516,780	344,272	172,508
De Kalb	38,603	18,940	19,663	106,194	51,138	55,056
Elmore	61,941	45,418	16,523	168,893	122,629	46,264
Escambia	102,303	82,947	19,356	278,154	223,957	54,197
Etowah	26,680	10,333	16,347	73,671	27,899	45,772
Fayette	49,451	37,608	11,843	134,702	101,542	33,160
Franklin	72,725	53,280	19,445	198,302	143,856	54,446
Geneva	74,430	66,035	8,395	201,801	178,295	23,506
Greene	55,018	30,542	24,476	150,996	82,463	68,533
Hale	83,835	43,191	40,644	230,419	116,616	113,803
Henry	87,734	61,767	25,967	239,479	166,771	72,708
Houston	34,421	23,468	10,953	94,032	63,364	30,668
Jackson	76,913	12,595	64,318	214,097	34,007	180,090
Jefferson	26,135	11,634	14,501	72,015	31,412	40,603
Lamar	56,405	40,587	15,818	153,875	109,585	44,290
Lauderdale	27,123	10,063	17,060	74,938	27,170	47,768
Lawrence	16,759	7,190	9,569	46,206	19,413	26,793
Lee	76,386	60,342	16,044	207,846	162,923	44,923
Limestone	9,722	3,208	6,514	26,901	8,662	18,239
Lowndes	114,760	99,667	15,093	311,361	269,101	42,260
Macon	97,430	77,948	19,482	265,010	210,460	54,550
Madison	14,553	5,157	9,396	40,233	13,924	26,309
Marengo	205,221	131,927	73,294	561,426	356,203	205,223
Marion	128,055	91,920	36,135	349,362	248,184	101,178
Marshall	9,729	764	8,965	27,165	2,063	25,102
Mobile	102,328	75,509	26,819	278,967	203,874	75,093
Monroe	276,049	201,821	74,228	752,755	544,917	207,838
Montgomery	45,305	29,733	15,572	123,881	80,279	43,602

continued

Table A.7—Roundwood pulpwood production in Alabama, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Morgan	16,739	4,982	11,757	46,371	13,451	32,920
Perry	138,236	97,658	40,578	377,295	263,677	113,618
Pickens	87,094	68,817	18,277	236,982	185,806	51,176
Pike	132,706	108,886	23,820	360,688	293,992	66,696
Randolph	71,134	55,480	15,654	193,627	149,796	43,831
Russell	73,755	64,018	9,737	200,113	172,849	27,264
St. Clair	70,732	33,074	37,658	194,742	89,300	105,442
Shelby	105,918	83,429	22,489	288,227	225,258	62,969
Sumter	213,180	130,405	82,775	583,864	352,094	231,770
Talladega	72,294	61,645	10,649	196,259	166,442	29,817
Tallapoosa	131,362	89,565	41,797	358,858	241,826	117,032
Tuscaloosa	109,670	50,883	58,787	301,988	137,384	164,604
Walker	26,114	17,266	8,848	71,392	46,618	24,774
Washington	215,978	143,999	71,979	590,338	388,797	201,541
Wilcox	225,313	161,471	63,842	614,730	435,972	178,758
Winston	75,319	53,124	22,195	205,581	143,435	62,146
All counties	7,070,593	5,020,941	2,049,652	19,295,571	13,556,547	5,739,024

^a Counties with no pulpwood production are omitted.

Table A.8—Roundwood pulpwood production in Arkansas, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Arkansas	14,881	4,031	10,850	41,264	10,884	30,380
Ashley	223,065	116,336	106,729	612,948	314,107	298,841
Baxter	5,127	1,066	4,061	14,249	2,878	11,371
Boone	1,157	49	1,108	3,234	132	3,102
Bradley	197,095	152,322	44,773	536,633	411,269	125,364
Calhoun	51,071	32,656	18,415	139,733	88,171	51,562
Carroll	10	10	0	27	27	0
Chicot	11,623	1,043	10,580	32,440	2,816	29,624
Clark	147,605	50,642	96,963	408,229	136,733	271,496
Cleburne	31,493	24,513	6,980	85,729	66,185	19,544
Cleveland	105,332	75,096	30,236	287,420	202,759	84,661
Columbia	42,989	18,959	24,030	118,473	51,189	67,284
Conway	25,694	20,702	4,992	69,873	55,895	13,978
Craighead	20	20	0	54	54	0
Crawford	30	30	0	81	81	0
Crittenden	610	0	610	1,708	0	1,708
Cross	533	18	515	1,491	49	1,442
Dallas	116,797	80,960	35,837	318,936	218,592	100,344
Desha	26,694	1,828	24,866	74,561	4,936	69,625
Drew	178,667	154,496	24,171	484,818	417,139	67,679
Faulkner	11,485	9,604	1,881	31,198	25,931	5,267
Franklin	2,728	1,643	1,085	7,474	4,436	3,038
Fulton	9	0	9	25	0	25
Garland	25,125	21,715	3,410	68,179	58,631	9,548
Grant	80,974	59,935	21,039	220,734	161,825	58,909

continued

Table A.8—Roundwood pulpwood production in Arkansas, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Greene	1,020	1,020	0	2,754	2,754	0
Hempstead	58,207	29,964	28,243	159,983	80,903	79,080
Hot Spring	60,423	49,701	10,722	164,215	134,193	30,022
Howard	99,324	69,245	30,079	271,183	186,962	84,221
Independence	40,214	11,869	28,345	111,412	32,046	79,366
Izard	2,267	1,321	946	6,216	3,567	2,649
Jackson	132	0	132	370	0	370
Jefferson	59,521	48,120	11,401	161,847	129,924	31,923
Johnson	30,597	9,205	21,392	84,752	24,854	59,898
Lafayette	40,909	22,860	18,049	112,259	61,722	50,537
Lawrence	2,563	287	2,276	7,148	775	6,373
Lee	3,097	0	3,097	8,672	0	8,672
Lincoln	55,340	18,654	36,686	153,087	50,366	102,721
Little River	74,565	33,235	41,330	205,459	89,735	115,724
Logan	12,136	6,818	5,318	33,299	18,409	14,890
Lonoke	3,566	2,587	979	9,726	6,985	2,741
Madison	3,181	11	3,170	8,906	30	8,876
Marion	2,340	266	2,074	6,525	718	5,807
Miller	23,003	9,712	13,291	63,437	26,222	37,215
Monroe	3,096	195	2,901	8,650	527	8,123
Montgomery	10,932	6,772	4,160	29,932	18,284	11,648
Nevada	43,725	30,436	13,289	119,386	82,177	37,209
Newton	1,558	421	1,137	4,321	1,137	3,184
Ouachita	59,493	30,917	28,576	163,489	83,476	80,013
Perry	50,486	45,667	4,819	136,794	123,301	13,493
Phillips	7,485	862	6,623	20,871	2,327	18,544
Pike	123,876	103,387	20,489	336,514	279,145	57,369
Poinsett	43	43	0	116	116	0
Polk	68,027	53,598	14,429	185,116	144,715	40,401
Pope	22,804	9,486	13,318	62,902	25,612	37,290
Prairie	7,333	3,335	3,998	20,199	9,005	11,194
Pulaski	15,134	9,834	5,300	41,392	26,552	14,840
Randolph	38	9	29	105	24	81
St. Francis	6,139	426	5,713	17,146	1,150	15,996
Saline	54,933	44,160	10,773	149,396	119,232	30,164
Scott	48,166	32,813	15,353	131,583	88,595	42,988
Searcy	14,079	3,705	10,374	39,051	10,004	29,047
Sebastian	5,549	5,549	0	14,982	14,982	0
Sevier	74,820	50,760	24,060	204,420	137,052	67,368
Sharp	6,836	3,959	2,877	18,745	10,689	8,056
Stone	17,148	8,175	8,973	47,197	22,073	25,124
Union	174,506	119,611	54,895	476,656	322,950	153,706
Van Buren	73,319	29,644	43,675	202,329	80,039	122,290
Washington	170	11	159	475	30	445
White	67,139	56,564	10,575	182,333	152,723	29,610
Woodruff	1,280	629	651	3,521	1,698	1,823
Yell	55,031	33,291	21,740	150,758	89,886	60,872
All counties	2,886,364	1,826,808	1,059,556	7,899,140	4,932,385	2,966,755

^a Counties with no pulpwood production are omitted.

Table A.9—Roundwood pulpwood production in Florida, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alachua	75,218	69,824	5,394	203,628	188,525	15,103
Baker	107,520	106,553	967	290,401	287,693	2,708
Bay	217,239	211,445	5,794	587,125	570,902	16,223
Bradford	73,444	69,972	3,472	198,646	188,924	9,722
Brevard	866	319	547	2,393	861	1,532
Broward	23	23	0	62	62	0
Calhoun	128,918	120,169	8,749	348,953	324,456	24,497
Charlotte	228	156	72	623	421	202
Citrus	1,911	1,844	67	5,167	4,979	188
Clay	209,226	207,198	2,028	565,113	559,435	5,678
Columbia	102,835	102,258	577	277,713	276,097	1,616
Dixie	100,598	90,727	9,871	272,602	244,963	27,639
Duval	71,418	65,013	6,405	193,469	175,535	17,934
Escambia	46,689	44,694	1,995	126,260	120,674	5,586
Flagler	56,664	51,991	4,673	153,460	140,376	13,084
Franklin	21,647	21,622	25	58,449	58,379	70
Gadsden	44,876	30,017	14,859	122,651	81,046	41,605
Gilchrist	31,152	27,309	3,843	84,494	73,734	10,760
Gulf	113,916	111,050	2,866	307,860	299,835	8,025
Hamilton	162,978	153,754	9,224	440,963	415,136	25,827
Hardee	24	0	24	67	0	67
Hernando	396	249	147	1,084	672	412
Highlands	365	0	365	1,022	0	1,022
Hillsborough	65	0	65	182	0	182
Holmes	68,996	68,183	813	186,370	184,094	2,276
Jackson	113,283	100,609	12,674	307,131	271,644	35,487
Jefferson	31,615	31,439	176	85,378	84,885	493
Lafayette	106,976	104,419	2,557	289,091	281,931	7,160
Lake	5,294	2,989	2,305	14,524	8,070	6,454
Lee	584	584	0	1,577	1,577	0
Leon	25,871	25,118	753	69,927	67,819	2,108
Levy	119,944	104,775	15,169	325,366	282,893	42,473
Liberty	3,318	399	2,919	9,250	1,077	8,173
Madison	151,934	148,268	3,666	410,589	400,324	10,265
Marion	86,514	79,620	6,894	234,277	214,974	19,303
Nassau	338,159	334,237	3,922	913,422	902,440	10,982
Okaloosa	72,039	64,424	7,615	195,267	173,945	21,322
Orange	319	319	0	861	861	0
Pasco	679	33	646	1,898	89	1,809
Polk	464	262	202	1,273	707	566
Putnam	64,055	53,037	11,018	174,050	143,200	30,850
St. Johns	155,000	119,208	35,792	422,080	321,862	100,218
Santa Rosa	76,158	72,018	4,140	206,041	194,449	11,592
Seminole	1,404	1,343	61	3,797	3,626	171
Sumter	3,921	94	3,827	10,970	254	10,716
Suwannee	121,508	119,698	1,810	328,253	323,185	5,068
Taylor	346,713	343,297	3,416	936,467	926,902	9,565
Union	31,990	31,631	359	86,409	85,404	1,005
Volusia	20,428	19,536	892	55,245	52,747	2,498
Wakulla	8,538	8,339	199	23,072	22,515	557
Walton	81,528	75,714	5,814	220,707	204,428	16,279
Washington	64,672	60,341	4,331	175,048	162,921	12,127
All counties	3,670,120	3,456,121	213,999	9,930,727	9,331,528	599,199

^a Counties with no pulpwood production are omitted.

Table A.10—Roundwood pulpwood production in Georgia, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Appling	216,935	199,965	16,970	587,422	539,906	47,516
Atkinson	49,354	38,152	11,202	134,376	103,010	31,366
Bacon	92,325	85,233	7,092	249,987	230,129	19,858
Baker	9,557	8,750	807	25,885	23,625	2,260
Baldwin	32,310	27,199	5,111	87,748	73,437	14,311
Banks	8,039	4,781	3,258	22,031	12,909	9,122
Barrow	2,029	779	1,250	5,603	2,103	3,500
Bartow	46,051	37,738	8,313	125,169	101,893	23,276
Ben Hill	15,356	14,835	521	41,514	40,055	1,459
Berrien	33,104	24,605	8,499	90,231	66,434	23,797
Bibb	16,123	8,447	7,676	44,300	22,807	21,493
Bleckley	39,504	34,043	5,461	107,207	91,916	15,291
Brantley	90,106	87,189	2,917	243,578	235,410	8,168
Brooks	14,876	14,831	45	40,170	40,044	126
Bryan	73,061	70,296	2,765	197,541	189,799	7,742
Bulloch	121,307	109,968	11,339	328,663	296,914	31,749
Burke	204,418	153,623	50,795	557,008	414,782	142,226
Butts	24,730	20,263	4,467	67,218	54,710	12,508
Calhoun	21,696	21,597	99	58,589	58,312	277
Camden	189,741	180,369	9,372	513,238	486,996	26,242
Candler	41,656	38,620	3,036	112,775	104,274	8,501
Carroll	161,313	155,493	5,820	436,127	419,831	16,296
Catoosa	6,589	2,349	4,240	18,214	6,342	11,872
Charlton	279,836	276,171	3,665	755,924	745,662	10,262
Chatham	13,223	8,347	4,876	36,190	22,537	13,653
Chattahoochee	22,355	19,715	2,640	60,623	53,231	7,392
Chattooga	34,335	19,737	14,598	94,164	53,290	40,874
Cherokee	34,122	28,277	5,845	92,714	76,348	16,366
Clarke	1,632	436	1,196	4,526	1,177	3,349
Clay	26,778	24,874	1,904	72,491	67,160	5,331
Clayton	793	618	175	2,159	1,669	490
Clinch	187,842	146,627	41,215	511,295	395,893	115,402
Cobb	2,372	1,796	576	6,462	4,849	1,613
Coffee	57,851	51,245	6,606	156,859	138,362	18,497
Colquitt	23,452	20,758	2,694	63,590	56,047	7,543
Columbia	23,182	12,206	10,976	63,689	32,956	30,733
Cook	9,050	6,511	2,539	24,689	17,580	7,109
Coweta	33,447	30,802	2,645	90,571	83,165	7,406
Crawford	56,862	52,870	3,992	153,927	142,749	11,178
Crisp	9,187	5,260	3,927	25,198	14,202	10,996
Dade	1,300	678	622	3,573	1,831	1,742
Dawson	19,792	19,511	281	53,467	52,680	787
Decatur	34,135	27,978	6,157	92,781	75,541	17,240
De Kalb	871	571	300	2,382	1,542	840
Dodge	78,895	57,741	21,154	215,132	155,901	59,231
Dooly	39,482	31,746	7,736	107,375	85,714	21,661
Dougherty	15,305	14,595	710	41,395	39,407	1,988
Douglas	16,039	11,787	4,252	43,731	31,825	11,906
Early	55,470	49,411	6,059	150,375	133,410	16,965
Echols	63,555	55,472	8,083	172,406	149,774	22,632
Effingham	156,015	128,137	27,878	424,028	345,970	78,058
Elbert	30,635	12,624	18,011	84,516	34,085	50,431

continued

Table A.10—Roundwood pulpwood production in Georgia, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Emanuel	169,707	150,620	19,087	460,118	406,674	53,444
Evans	29,275	25,639	3,636	79,406	69,225	10,181
Fannin	3,163	2,924	239	8,564	7,895	669
Fayette	1,309	589	720	3,606	1,590	2,016
Floyd	112,910	89,677	23,233	307,180	242,128	65,052
Forsyth	9,428	6,511	2,917	25,748	17,580	8,168
Franklin	11,578	4,473	7,105	31,971	12,077	19,894
Fulton	17,182	12,026	5,156	46,907	32,470	14,437
Gilmer	13,531	11,993	1,538	36,687	32,381	4,306
Glascocock	41,073	37,576	3,497	111,247	101,455	9,792
Glynn	98,627	89,630	8,997	267,193	242,001	25,192
Gordon	45,202	39,530	5,672	122,613	106,731	15,882
Grady	29,596	25,786	3,810	80,290	69,622	10,668
Greene	56,978	32,287	24,691	156,310	87,175	69,135
Gwinnett	14,571	10,451	4,120	39,754	28,218	11,536
Habersham	8,990	4,637	4,353	24,708	12,520	12,188
Hall	9,862	4,183	5,679	27,195	11,294	15,901
Hancock	94,822	86,624	8,198	256,839	233,885	22,954
Haralson	68,258	56,964	11,294	185,426	153,803	31,623
Harris	51,215	42,203	9,012	139,182	113,948	25,234
Hart	5,644	1,638	4,006	15,640	4,423	11,217
Heard	64,460	61,403	3,057	174,348	165,788	8,560
Henry	18,233	9,398	8,835	50,113	25,375	24,738
Houston	47,421	42,174	5,247	128,562	113,870	14,692
Irwin	13,221	8,339	4,882	36,185	22,515	13,670
Jackson	12,243	5,606	6,637	33,720	15,136	18,584
Jasper	40,538	27,691	12,847	110,738	74,766	35,972
Jeff Davis	79,856	72,954	6,902	216,302	196,976	19,326
Jefferson	68,413	54,152	14,261	186,141	146,210	39,931
Jenkins	107,501	97,956	9,545	291,207	264,481	26,726
Johnson	64,876	55,285	9,591	176,125	149,270	26,855
Jones	46,120	39,243	6,877	125,212	105,956	19,256
Lamar	29,983	12,270	17,713	82,725	33,129	49,596
Lanier	20,192	19,240	952	54,614	51,948	2,666
Laurens	175,124	145,213	29,911	475,826	392,075	83,751
Lee	24,510	19,682	4,828	66,659	53,141	13,518
Liberty	93,593	83,003	10,590	253,760	224,108	29,652
Lincoln	14,267	8,506	5,761	39,097	22,966	16,131
Long	143,385	125,555	17,830	388,923	338,999	49,924
Lowndes	39,317	33,773	5,544	106,710	91,187	15,523
Lumpkin	6,578	6,324	254	17,786	17,075	711
Macon	85,842	79,345	6,497	232,424	214,232	18,192
Madison	6,149	1,491	4,658	17,068	4,026	13,042
Marion	77,377	74,907	2,470	209,165	202,249	6,916
McDuffie	38,213	30,859	7,354	103,910	83,319	20,591
McIntosh	102,490	92,276	10,214	277,744	249,145	28,599
Meriwether	45,133	34,530	10,603	122,919	93,231	29,688
Miller	8,899	4,393	4,506	24,478	11,861	12,617
Mitchell	16,295	13,227	3,068	44,303	35,713	8,590
Monroe	49,027	35,320	13,707	133,744	95,364	38,380
Montgomery	58,464	49,136	9,328	158,785	132,667	26,118
Morgan	29,010	20,196	8,814	79,208	54,529	24,679

continued

Table A.10—Roundwood pulpwood production in Georgia, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Murray	59,963	45,686	14,277	163,328	123,352	39,976
Muscogee	7,588	3,198	4,390	20,927	8,635	12,292
Newton	15,553	11,539	4,014	42,394	31,155	11,239
Oconee	4,529	2,768	1,761	12,405	7,474	4,931
Oglethorpe	25,303	17,883	7,420	69,060	48,284	20,776
Paulding	59,793	45,289	14,504	162,891	122,280	40,611
Peach	11,100	9,920	1,180	30,088	26,784	3,304
Pickens	29,729	26,414	3,315	80,600	71,318	9,282
Pierce	98,896	87,887	11,009	268,120	237,295	30,825
Pike	26,361	24,761	1,600	71,335	66,855	4,480
Polk	11,477	2,112	9,365	31,924	5,702	26,222
Pulaski	26,971	21,879	5,092	73,331	59,073	14,258
Putnam	29,993	23,002	6,991	81,680	62,105	19,575
Quitman	26,294	24,276	2,018	71,195	65,545	5,650
Rabun	4,692	2,827	1,865	12,855	7,633	5,222
Randolph	79,033	70,753	8,280	214,217	191,033	23,184
Richmond	47,465	25,733	21,732	130,329	69,479	60,850
Rockdale	916	768	148	2,488	2,074	414
Schley	60,285	57,755	2,530	163,023	155,939	7,084
Screven	131,648	111,580	20,068	357,456	301,266	56,190
Seminole	15,765	13,980	1,785	42,744	37,746	4,998
Spalding	6,934	6,532	402	18,762	17,636	1,126
Stephens	4,726	1,564	3,162	13,077	4,223	8,854
Stewart	169,570	161,519	8,051	458,644	436,101	22,543
Sumter	67,737	66,093	1,644	183,054	178,451	4,603
Talbot	61,523	54,609	6,914	166,803	147,444	19,359
Taliaferro	17,955	11,612	6,343	49,112	31,352	17,760
Tattnall	96,231	87,978	8,253	260,649	237,541	23,108
Taylor	72,109	70,435	1,674	194,862	190,175	4,687
Telfair	55,721	43,422	12,299	151,676	117,239	34,437
Terrell	32,569	32,173	396	87,976	86,867	1,109
Thomas	36,386	34,384	2,002	98,443	92,837	5,606
Tift	7,081	1,797	5,284	19,647	4,852	14,795
Toombs	92,611	76,922	15,689	251,618	207,689	43,929
Towns	928	19	909	2,596	51	2,545
Treutlen	28,709	22,437	6,272	78,142	60,580	17,562
Troup	66,201	31,326	34,875	182,230	84,580	97,650
Turner	7,740	5,243	2,497	21,148	14,156	6,992
Twiggs	104,077	85,890	18,187	282,827	231,903	50,924
Union	1,298	641	657	3,571	1,731	1,840
Upson	63,175	54,495	8,680	171,441	147,137	24,304
Walker	21,347	15,066	6,281	58,265	40,678	17,587
Walton	8,095	5,197	2,898	22,146	14,032	8,114
Ware	149,079	134,831	14,248	403,938	364,044	39,894
Warren	49,798	43,461	6,337	135,089	117,345	17,744
Washington	166,349	147,096	19,253	451,067	397,159	53,908
Wayne	168,799	158,898	9,901	456,748	429,025	27,723
Webster	58,156	55,270	2,886	157,310	149,229	8,081
Wheeler	51,135	43,185	7,950	138,860	116,600	22,260
White	2,935	1,820	1,115	8,036	4,914	3,122
Whitfield	20,683	14,944	5,739	56,418	40,349	16,069

continued

Table A.10—Roundwood pulpwood production in Georgia, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Wilcox	30,521	24,825	5,696	82,977	67,028	15,949
Wilkes	51,856	39,550	12,306	141,242	106,785	34,457
Wilkinson	78,822	46,584	32,238	216,043	125,777	90,266
Worth	22,369	21,714	655	60,462	58,628	1,834
All counties	8,004,223	6,786,576	1,217,647	21,733,180	18,323,762	3,409,418

^a Counties with no pulpwood production are omitted.

Table A.11—Roundwood pulpwood production in Kentucky, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Ballard	9,218	0	9,218	25,810	0	25,810
Breckinridge	17,237	0	17,237	48,264	0	48,264
Butler	9	0	9	25	0	25
Caldwell	7,259	0	7,259	20,325	0	20,325
Calloway	12,637	10,925	1,712	34,292	29,498	4,794
Carlisle	12,935	27	12,908	36,215	73	36,142
Carter	611	161	450	1,695	435	1,260
Christian	13,590	12,831	759	36,769	34,644	2,125
Crittenden	9,430	3,894	5,536	26,015	10,514	15,501
Daviess	405	253	152	1,109	683	426
Fulton	915	31	884	2,559	84	2,475
Graves	5,283	614	4,669	14,731	1,658	13,073
Grayson	4,837	54	4,783	13,538	146	13,392
Greenup	47,165	197	46,968	132,042	532	131,510
Hickman	1,715	494	1,221	4,753	1,334	3,419
Hopkins	4,038	1,598	2,440	11,147	4,315	6,832
Knox	32,456	38	32,418	90,873	103	90,770
Laurel	47,133	751	46,382	131,898	2,028	129,870
Lewis	6,743	92	6,651	18,871	248	18,623
Livingston	24,186	23,413	773	65,379	63,215	2,164
Logan	159	0	159	445	0	445
Lyon	3,849	1,705	2,144	10,607	4,604	6,003
Marshall	4,916	587	4,329	13,706	1,585	12,121
McCracken	313	0	313	876	0	876
McCreary	6,633	443	6,190	18,528	1,196	17,332
McLean	1,044	56	988	2,917	151	2,766
Metcalfe	507	0	507	1,420	0	1,420
Muhlenberg	1,349	647	702	3,713	1,747	1,966
Ohio	44,682	110	44,572	125,099	297	124,802
Perry	11,166	0	11,166	31,265	0	31,265
Simpson	56	0	56	157	0	157
Trigg	23,876	19,543	4,333	64,898	52,766	12,132
Union	434	0	434	1,215	0	1,215
Wayne	166	20	146	463	54	409
Whitley	12,057	544	11,513	33,705	1,469	32,236
All counties	369,009	79,028	289,981	1,025,324	213,379	811,945

^a Counties with no pulpwood production are omitted.

Table A.12—Roundwood pulpwood production in Louisiana, 2009

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Acadia	582	572	10	1,572	1,544	28
Allen	172,016	148,247	23,769	466,820	400,267	66,553
Ascension	6,116	650	5,466	17,060	1,755	15,305
Assumption	8,856	27	8,829	24,794	73	24,721
Avoyelles	8,083	6,322	1,761	22,000	17,069	4,931
Beauregard	383,723	361,258	22,465	1,038,299	975,397	62,902
Bienville	261,608	242,758	18,850	708,227	655,447	52,780
Bossier	112,528	64,966	47,562	308,582	175,408	133,174
Acadia	582	572	10	1,572	1,544	28
Allen	172,016	148,247	23,769	466,820	400,267	66,553
Ascension	6,116	650	5,466	17,060	1,755	15,305
Assumption	8,856	27	8,829	24,794	73	24,721
Avoyelles	8,083	6,322	1,761	22,000	17,069	4,931
Beauregard	383,723	361,258	22,465	1,038,299	975,397	62,902
Bienville	261,608	242,758	18,850	708,227	655,447	52,780
Bossier	112,528	64,966	47,562	308,582	175,408	133,174
Caddo	54,467	21,857	32,610	150,322	59,014	91,308
Calcasieu	42,441	42,433	8	114,591	114,569	22
Caldwell	92,356	73,205	19,151	251,277	197,654	53,623
Catahoula	33,336	28,988	4,348	90,442	78,268	12,174
Claiborne	138,238	124,646	13,592	374,602	336,544	38,058
Concordia	20,429	96	20,333	57,191	259	56,932
De Soto	223,528	182,846	40,682	607,594	493,684	113,910
East Baton Rouge	25,202	7,652	17,550	69,800	20,660	49,140
East Carroll	924	0	924	2,587	0	2,587
East Feliciana	69,858	54,493	15,365	190,153	147,131	43,022
Evangeline	21,334	19,021	2,313	57,833	51,357	6,476
Franklin	5,451	3,090	2,361	14,954	8,343	6,611
Grant	94,255	76,873	17,382	256,227	207,557	48,670
Iberia	231	12	219	645	32	613
Iberville	26,556	196	26,360	74,337	529	73,808
Jackson	126,756	112,554	14,202	343,662	303,896	39,766
Jefferson Davis	6,094	6,072	22	16,456	16,394	62
Lafayette	502	442	60	1,361	1,193	168
Lafourche	6,585	9	6,576	18,437	24	18,413
La Salle	151,142	129,703	21,439	410,227	350,198	60,029
Lincoln	45,105	38,265	6,840	122,468	103,316	19,152
Livingston	60,170	36,540	23,630	164,822	98,658	66,164
Madison	16,624	19	16,605	46,545	51	46,494
Morehouse	29,039	19,124	9,915	79,397	51,635	27,762
Natchitoches	175,606	147,790	27,816	476,918	399,033	77,885
Ouachita	78,362	67,351	11,011	212,679	181,848	30,831
Pointe Coupee	53,707	20	53,687	150,378	54	150,324
Rapides	163,385	134,959	28,426	443,982	364,389	79,593
Red River	37,312	25,756	11,556	101,898	69,541	32,357
Richland	7,238	5,217	2,021	19,745	14,086	5,659
Sabine	250,407	221,162	29,245	679,023	597,137	81,886
St. Bernard	43	43	0	116	116	0
St. Charles	73	0	73	204	0	204
St. Helena	100,282	85,196	15,086	272,270	230,029	42,241
St. James	5,177	0	5,177	14,496	0	14,496
St. Landry	22,326	321	22,005	62,481	867	61,614
St. Martin	2,501	47	2,454	6,998	127	6,871
St. John the Baptist	1,392	22	1,370	3,895	59	3,836

continued

Table A.12—Roundwood pulpwood production in Louisiana, 2009 (continued)

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
St. Tammany	117,723	117,510	213	317,873	317,277	596
Tangipahoa	146,337	142,979	3,358	395,445	386,043	9,402
Tensas	2,253	32	2,221	6,305	86	6,219
Terrebonne	6,477	0	6,477	18,136	0	18,136
Union	295,711	207,133	88,578	807,277	559,259	248,018
Vermilion	90	90	0	243	243	0
Vernon	297,971	268,729	29,242	807,446	725,568	81,878
Washington	84,188	80,957	3,231	227,631	218,584	9,047
Webster	42,146	19,718	22,428	116,037	53,239	62,798
West Baton Rouge	13,297	56	13,241	37,226	151	37,075
West Carroll	888	225	663	2,464	608	1,856
West Feliciana	38,605	15,746	22,859	106,519	42,514	64,005
Winn	304,105	262,425	41,680	825,252	708,548	116,704
All parishes	4,491,737	3,606,420	885,317	12,216,221	9,737,332	2,478,889

^a Parishes with no pulpwood production are omitted.

Table A.13—Roundwood pulpwood production in Mississippi, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	20,448	7,459	12,989	56,508	20,139	36,369
Alcorn	27,911	23,378	4,533	75,813	63,121	12,692
Amite	175,182	110,001	65,181	479,510	297,003	182,507
Attala	80,952	66,611	14,341	220,005	179,850	40,155
Benton	19,230	14,956	4,274	52,348	40,381	11,967
Bolivar	9,167	869	8,298	25,580	2,346	23,234
Calhoun	72,607	57,546	15,061	197,545	155,374	42,171
Carroll	29,826	12,494	17,332	82,264	33,734	48,530
Chickasaw	21,706	15,806	5,900	59,196	42,676	16,520
Choctaw	44,302	42,221	2,081	119,824	113,997	5,827
Claiborne	94,857	59,048	35,809	259,695	159,430	100,265
Clarke	130,162	103,977	26,185	354,056	280,738	73,318
Clay	23,691	18,862	4,829	64,448	50,927	13,521
Coahoma	4,948	12	4,936	13,853	32	13,821
Copiah	129,122	104,912	24,210	351,050	283,262	67,788
Covington	91,959	50,789	41,170	252,406	137,130	115,276
De Soto	3,245	2,234	1,011	8,863	6,032	2,831
Forrest	40,531	33,455	7,076	110,142	90,329	19,813
Franklin	60,207	51,673	8,534	163,412	139,517	23,895
George	43,758	42,843	915	118,238	115,676	2,562
Greene	172,565	155,603	16,962	467,622	420,128	47,494
Grenada	20,653	16,868	3,785	56,142	45,544	10,598
Hancock	48,616	48,597	19	131,265	131,212	53
Harrison	25,374	25,374	0	68,510	68,510	0
Hinds	82,689	63,945	18,744	225,135	172,652	52,483
Holmes	71,590	35,775	35,815	196,875	96,593	100,282
Humphreys	1,308	9	1,299	3,661	24	3,637
Issaquena	10,363	31	10,332	29,014	84	28,930
Itawamba	76,012	22,995	53,017	210,535	62,087	148,448
Jackson	25,605	25,587	18	69,135	69,085	50
Jasper	75,825	63,936	11,889	205,916	172,627	33,289

continued

Table A.13—Roundwood pulpwood production in Mississippi, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Jefferson	64,139	54,503	9,636	174,139	147,158	26,981
Jefferson Davis	52,643	52,399	244	142,160	141,477	683
Jones	123,945	89,709	34,236	338,075	242,214	95,861
Kemper	145,374	112,922	32,452	395,755	304,889	90,866
Lafayette	47,451	41,280	6,171	128,735	111,456	17,279
Lamar	76,275	73,650	2,625	206,205	198,855	7,350
Lauderdale	218,740	147,446	71,294	597,727	398,104	199,623
Lawrence	117,812	115,626	2,186	318,311	312,190	6,121
Leake	79,610	73,464	6,146	215,562	198,353	17,209
Lee	7,098	4,107	2,991	19,464	11,089	8,375
Leflore	3,879	9	3,870	10,860	24	10,836
Lincoln	323,724	223,942	99,782	884,033	604,643	279,390
Lowndes	15,446	12,323	3,123	42,016	33,272	8,744
Madison	76,472	65,908	10,564	207,531	177,952	29,579
Marion	229,536	178,706	50,830	624,830	482,506	142,324
Marshall	28,225	17,657	10,568	77,264	47,674	29,590
Monroe	44,858	9,833	35,025	124,619	26,549	98,070
Montgomery	38,674	24,212	14,462	105,866	65,372	40,494
Neshoba	59,726	45,370	14,356	162,696	122,499	40,197
Newton	56,713	48,696	8,017	153,927	131,479	22,448
Noxubee	75,234	67,715	7,519	203,884	182,831	21,053
Oktibbeha	30,525	28,557	1,968	82,614	77,104	5,510
Panola	58,787	34,807	23,980	161,123	93,979	67,144
Pearl River	102,621	94,113	8,508	277,927	254,105	23,822
Perry	133,759	129,762	3,997	361,549	350,357	11,192
Pike	23,865	22,863	1,002	64,536	61,730	2,806
Pontotoc	19,813	10,866	8,947	54,390	29,338	25,052
Prentiss	27,406	20,795	6,611	74,658	56,147	18,511
Rankin	95,115	89,887	5,228	257,333	242,695	14,638
Scott	100,653	49,118	51,535	276,917	132,619	144,298
Sharkey	3,533	0	3,533	9,892	0	9,892
Simpson	103,350	64,120	39,230	282,968	173,124	109,844
Smith	142,378	140,617	1,761	384,597	379,666	4,931
Stone	25,788	25,459	329	69,660	68,739	921
Sunflower	804	0	804	2,251	0	2,251
Tallahatchie	5,626	1,066	4,560	15,646	2,878	12,768
Tate	4,063	1,987	2,076	11,178	5,365	5,813
Tippah	68,298	46,107	22,191	186,624	124,489	62,135
Tishomingo	99,151	63,385	35,766	271,285	171,140	100,145
Tunica	450	0	450	1,260	0	1,260
Union	35,164	23,475	11,689	96,112	63,383	32,729
Walthall	48,453	48,291	162	130,840	130,386	454
Warren	24,427	5,384	19,043	67,857	14,537	53,320
Washington	6,589	31	6,558	18,446	84	18,362
Wayne	171,149	121,264	49,885	467,091	327,413	139,678
Webster	50,853	46,075	4,778	137,781	124,403	13,378
Wilkinson	100,890	71,558	29,332	275,337	193,207	82,130
Winston	172,861	115,537	57,324	472,457	311,950	160,507
Yalobusha	37,017	28,038	8,979	100,844	75,703	25,141
Yazoo	35,702	23,388	12,314	97,627	63,148	34,479
All counties	5,349,075	4,043,893	1,305,182	14,573,025	10,918,515	3,654,510

^a Counties with no pulpwood production are omitted.

Table A.14—Roundwood pulpwood production in North Carolina, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alamance	2,139	40	2,099	5,985	108	5,877
Alexander	1,571	167	1,404	4,382	451	3,931
Alleghany	6,497	104	6,393	18,181	281	17,900
Anson	80,394	72,704	7,690	217,833	196,301	21,532
Ashe	5,731	753	4,978	15,971	2,033	13,938
Avery	15	0	15	42	0	42
Beaufort	166,386	125,170	41,216	453,364	337,959	115,405
Bertie	121,790	106,579	15,211	330,354	287,763	42,591
Bladen	82,890	70,735	12,155	225,019	190,985	34,034
Brunswick	94,267	79,598	14,669	255,988	214,915	41,073
Buncombe	9,226	4,815	4,411	25,352	13,001	12,351
Burke	25,771	11,524	14,247	71,007	31,115	39,892
Cabarrus	5,558	3,660	1,898	15,196	9,882	5,314
Caldwell	558	26	532	1,560	70	1,490
Camden	22,626	3,108	19,518	63,042	8,392	54,650
Carteret	27,177	22,386	4,791	73,857	60,442	13,415
Caswell	23,913	1,973	21,940	66,759	5,327	61,432
Catawba	11,501	1,125	10,376	32,091	3,038	29,053
Chatham	8,209	5,827	2,382	22,403	15,733	6,670
Cherokee	32,191	14,668	17,523	88,668	39,604	49,064
Chowan	9,486	6,692	2,794	25,891	18,068	7,823
Clay	13,486	6,191	7,295	37,142	16,716	20,426
Cleveland	45,176	17,923	27,253	124,700	48,392	76,308
Columbus	109,714	84,253	25,461	298,774	227,483	71,291
Craven	98,182	79,462	18,720	266,963	214,547	52,416
Cumberland	41,167	35,579	5,588	111,709	96,063	15,646
Currituck	25,220	6,537	18,683	69,962	17,650	52,312
Dare	1,615	1,459	156	4,376	3,939	437
Davidson	3,641	1,815	1,826	10,014	4,901	5,113
Davie	5,147	474	4,673	14,364	1,280	13,084
Duplin	66,876	39,825	27,051	183,271	107,528	75,743
Durham	1,750	429	1,321	4,857	1,158	3,699
Edgecombe	69,409	54,881	14,528	188,857	148,179	40,678
Forsyth	4,761	1,386	3,375	13,192	3,742	9,450
Franklin	36,213	21,036	15,177	99,293	56,797	42,496
Gaston	13,672	8,052	5,620	37,476	21,740	15,736
Gates	91,136	57,931	33,205	249,388	156,414	92,974
Graham	7,142	0	7,142	19,998	0	19,998
Granville	21,626	5,139	16,487	60,039	13,875	46,164
Greene	12,866	5,210	7,656	35,504	14,067	21,437
Guilford	7,929	1,691	6,238	22,032	4,566	17,466
Halifax	126,767	90,474	36,293	345,900	244,280	101,620
Harnett	12,416	7,406	5,010	34,024	19,996	14,028
Haywood	21,810	5,741	16,069	60,494	15,501	44,993
Hertford	88,760	68,951	19,809	241,633	186,168	55,465
Hoke	33,916	31,311	2,605	91,834	84,540	7,294
Hyde	16,280	14,825	1,455	44,102	40,028	4,074
Iredell	4,043	177	3,866	11,303	478	10,825
Jackson	46,265	7,575	38,690	128,785	20,453	108,332
Johnston	26,511	17,320	9,191	72,499	46,764	25,735
Jones	66,047	48,991	17,056	180,033	132,276	47,757

continued

Table A.14—Roundwood pulpwood production in North Carolina, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Lee	3,067	2,810	257	8,307	7,587	720
Lenoir	46,191	33,579	12,612	125,977	90,663	35,314
Lincoln	6,325	3,497	2,828	17,360	9,442	7,918
Macon	14,571	6,179	8,392	40,181	16,683	23,498
Martin	158,123	128,784	29,339	429,866	347,717	82,149
McDowell	31,939	14,631	17,308	87,966	39,504	48,462
Mecklenburg	5,724	1,260	4,464	15,901	3,402	12,499
Montgomery	46,024	44,724	1,300	124,395	120,755	3,640
Moore	31,892	29,246	2,646	86,373	78,964	7,409
Nash	50,744	34,132	16,612	138,670	92,156	46,514
New Hanover	3,663	2,474	1,189	10,009	6,680	3,329
Northampton	93,022	59,170	33,852	254,545	159,759	94,786
Onslow	106,086	93,680	12,406	287,673	252,936	34,737
Orange	3,856	0	3,856	10,797	0	10,797
Pamlico	52,064	36,953	15,111	142,084	99,773	42,311
Pasquotank	16,746	8,629	8,117	46,026	23,298	22,728
Pender	85,345	61,194	24,151	232,847	165,224	67,623
Perquimans	28,766	18,606	10,160	78,684	50,236	28,448
Person	14,883	20	14,863	41,670	54	41,616
Pitt	93,031	66,543	26,488	253,832	179,666	74,166
Polk	35,960	16,691	19,269	99,019	45,066	53,953
Randolph	11,031	774	10,257	30,810	2,090	28,720
Richmond	26,407	23,058	3,349	71,634	62,257	9,377
Robeson	73,774	51,814	21,960	201,386	139,898	61,488
Rockingham	14,241	2,547	11,694	39,620	6,877	32,743
Rowan	17,218	2,496	14,722	47,961	6,739	41,222
Rutherford	85,364	17,613	67,751	237,258	47,555	189,703
Sampson	76,943	47,511	29,432	210,690	128,280	82,410
Scotland	16,053	13,774	2,279	43,571	37,190	6,381
Stanly	11,222	10,472	750	30,374	28,274	2,100
Stokes	8,359	1,347	7,012	23,271	3,637	19,634
Surry	14,338	1,681	12,657	39,979	4,539	35,440
Tyrrell	18,235	9,598	8,637	50,099	25,915	24,184
Union	14,256	11,985	2,271	38,719	32,360	6,359
Vance	9,046	5,210	3,836	24,808	14,067	10,741
Wake	9,024	3,886	5,138	24,878	10,492	14,386
Warren	69,935	41,276	28,659	191,690	111,445	80,245
Washington	51,141	33,503	17,638	139,844	90,458	49,386
Watauga	1,389	12	1,377	3,888	32	3,856
Wayne	30,285	15,997	14,288	83,198	43,192	40,006
Wilkes	33,032	3,812	29,220	92,108	10,292	81,816
Wilson	29,932	22,579	7,353	81,551	60,963	20,588
Yadkin	8,638	962	7,676	24,090	2,597	21,493
Yancey	1,880	0	1,880	5,264	0	5,264
All counties	3,417,204	2,238,407	1,178,797	9,344,336	6,043,703	3,300,633

^a Counties with no pulpwood production are omitted.

Table A.15—Roundwood pulpwood production in Oklahoma, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adair	17,224	12	17,212	48,226	32	48,194
Atoka	9,628	1,950	7,678	26,763	5,265	21,498
Bryan	11,419	0	11,419	31,973	0	31,973
Cherokee	2,250	214	2,036	6,279	578	5,701
Choctaw	10,292	2,630	7,662	28,555	7,101	21,454
Coal	627	0	627	1,756	0	1,756
Hughes	754	10	744	2,110	27	2,083
Latimer	9,747	1,963	7,784	27,095	5,300	21,795
Le Flore	51,715	23,100	28,615	142,492	62,370	80,122
McCurtain	175,944	138,596	37,348	478,783	374,209	104,574
Pittsburg	159	0	159	445	0	445
Pushmataha	209,205	105,539	103,666	575,220	284,955	290,265
Sequoyah	4,389	156	4,233	12,273	421	11,852
All counties	503,353	274,170	229,183	1,381,970	740,258	641,712

^a Counties with no pulpwood production are omitted.

Table A.16—Roundwood pulpwood production in South Carolina, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Abbeville	47,123	31,751	15,372	128,770	85,728	43,042
Aiken	57,941	41,732	16,209	158,061	112,676	45,385
Allendale	54,072	42,154	11,918	147,186	113,816	33,370
Anderson	15,249	5,360	9,889	42,161	14,472	27,689
Bamberg	71,392	47,251	24,141	195,173	127,578	67,595
Barnwell	41,795	37,803	3,992	113,246	102,068	11,178
Beaufort	28,978	21,262	7,716	79,012	57,407	21,605
Berkeley	222,575	204,394	18,181	602,771	551,864	50,907
Calhoun	46,036	36,984	9,052	125,203	99,857	25,346
Charleston	105,414	90,720	14,694	286,087	244,944	41,143
Cherokee	36,546	24,896	11,650	99,839	67,219	32,620
Chester	126,721	101,861	24,860	344,633	275,025	69,608
Chesterfield	123,781	98,699	25,082	336,717	266,487	70,230
Clarendon	149,050	128,120	20,930	404,528	345,924	58,604
Colleton	228,497	181,107	47,390	621,681	488,989	132,692
Darlington	24,518	13,184	11,334	67,332	35,597	31,735
Dillon	68,422	32,719	35,703	188,309	88,341	99,968
Dorchester	116,110	94,546	21,564	315,653	255,274	60,379
Edgefield	103,412	88,821	14,591	280,672	239,817	40,855
Fairfield	295,704	270,233	25,471	800,948	729,629	71,319
Florence	276,430	209,369	67,061	753,067	565,296	187,771
Georgetown	184,378	159,385	24,993	500,320	430,340	69,980
Greenville	33,049	20,281	12,768	90,509	54,759	35,750
Greenwood	52,685	35,579	17,106	143,960	96,063	47,897
Hampton	116,935	96,168	20,767	317,802	259,654	58,148
Horry	187,404	148,417	38,987	509,890	400,726	109,164
Jasper	103,978	83,473	20,505	282,791	225,377	57,414
Kershaw	202,766	166,991	35,775	551,046	450,876	100,170
Lancaster	142,926	119,143	23,783	388,278	321,686	66,592
Laurens	76,183	46,330	29,853	208,679	125,091	83,588
Lee	80,559	62,900	17,659	219,275	169,830	49,445
Lexington	52,528	40,130	12,398	143,065	108,351	34,714
Marion	39,492	21,732	17,760	108,404	58,676	49,728
Marlboro	106,076	77,743	28,333	289,238	209,906	79,332
McCormick	27,562	21,813	5,749	74,992	58,895	16,097
Newberry	135,634	99,423	36,211	369,833	268,442	101,391
Oconee	48,853	35,344	13,509	133,254	95,429	37,825
Orangeburg	162,035	134,537	27,498	440,244	363,250	76,994
Pickens	21,469	11,669	9,800	58,946	31,506	27,440
Richland	134,126	110,670	23,456	364,486	298,809	65,677
Saluda	88,577	73,986	14,591	240,617	199,762	40,855
Spartanburg	60,044	36,018	24,026	164,522	97,249	67,273
Sumter	159,986	99,075	60,911	438,054	267,503	170,551
Union	113,445	78,396	35,049	309,806	211,669	98,137
Williamsburg	137,729	104,999	32,730	375,141	283,497	91,644
York	66,322	52,944	13,378	180,407	142,949	37,458
All counties	4,774,507	3,740,112	1,034,395	12,994,608	10,098,303	2,896,305

^a Counties with no pulpwood production are omitted.

Table A.17—Roundwood pulpwood production in Tennessee, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	12,946	122	12,824	36,236	329	35,907
Bedford	436	0	436	1,221	0	1,221
Benton	12,760	6,131	6,629	35,115	16,554	18,561
Bledsoe	41,689	10,674	31,015	115,662	28,820	86,842
Blount	6,455	2,379	4,076	17,836	6,423	11,413
Bradley	10,974	5,885	5,089	30,139	15,890	14,249
Campbell	36,375	24	36,351	101,848	65	101,783
Cannon	95	0	95	266	0	266
Carroll	22,693	11,200	11,493	62,420	30,240	32,180
Carter	22	0	22	62	0	62
Cheatham	12	0	12	34	0	34
Chester	19,130	10,627	8,503	52,501	28,693	23,808
Claiborne	17,557	0	17,557	49,160	0	49,160
Cocke	6,236	0	6,236	17,461	0	17,461
Coffee	4,416	1,161	3,255	12,249	3,135	9,114
Crockett	29	0	29	81	0	81
Cumberland	62,086	1,971	60,115	173,644	5,322	168,322
Decatur	34,332	17,907	16,425	94,339	48,349	45,990
DeKalb	220	0	220	616	0	616
Dickson	17,497	0	17,497	48,992	0	48,992
Dyer	1,644	950	694	4,508	2,565	1,943
Fayette	3,968	934	3,034	11,017	2,522	8,495
Fentress	13,941	3,162	10,779	38,718	8,537	30,181
Franklin	13,629	53	13,576	38,156	143	38,013
Gibson	2,105	21	2,084	5,892	57	5,835
Giles	18,097	6,071	12,026	50,065	16,392	33,673
Grainger	77	0	77	216	0	216
Greene	157	45	112	436	122	314
Grundy	58,912	15,849	43,063	163,368	42,792	120,576
Hamilton	19,439	13,090	6,349	53,120	35,343	17,777
Hardeman	40,905	16,247	24,658	112,909	43,867	69,042
Hardin	64,711	49,837	14,874	176,207	134,560	41,647
Hawkins	12,442	10	12,432	34,837	27	34,810
Haywood	1,549	21	1,528	4,335	57	4,278
Henderson	30,091	14,562	15,529	82,798	39,317	43,481
Henry	7,812	3,788	4,024	21,495	10,228	11,267
Hickman	46,236	5,981	40,255	128,863	16,149	112,714
Houston	43,592	173	43,419	122,040	467	121,573
Humphreys	24,077	10,922	13,155	66,323	29,489	36,834
Jackson	181	0	181	507	0	507
Jefferson	3,189	0	3,189	8,929	0	8,929
Johnson	2,558	0	2,558	7,162	0	7,162
Knox	2,153	2,053	100	5,823	5,543	280
Lake	10	0	10	28	0	28
Lawrence	32,239	12,008	20,231	89,069	32,422	56,647
Lewis	101,830	21,091	80,739	283,015	56,946	226,069
Lincoln	4,896	0	4,896	13,709	0	13,709
Loudon	3,960	136	3,824	11,074	367	10,707
Macon	979	0	979	2,741	0	2,741
Madison	12,470	2,948	9,522	34,622	7,960	26,662
Marion	41,062	5,986	35,076	114,375	16,162	98,213

continued

Table A.17—Roundwood pulpwood production in Tennessee, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Marshall	1,819	6	1,813	5,092	16	5,076
Maury	1,665	122	1,543	4,649	329	4,320
McMinn	35,592	19,714	15,878	97,686	53,228	44,458
McNairy	48,914	24,653	24,261	134,494	66,563	67,931
Meigs	3,562	3,562	0	9,617	9,617	0
Monroe	23,865	11,667	12,198	65,655	31,501	34,154
Montgomery	5,596	5,207	389	15,148	14,059	1,089
Moore	1,923	0	1,923	5,384	0	5,384
Morgan	17,870	1,989	15,881	49,837	5,370	44,467
Obion	4,606	711	3,895	12,826	1,920	10,906
Overton	5,986	934	5,052	16,668	2,522	14,146
Perry	41,535	7,356	34,179	115,562	19,861	95,701
Polk	17,098	6,294	10,804	47,245	16,994	30,251
Putnam	4,931	927	4,004	13,714	2,503	11,211
Rhea	27,410	14,630	12,780	75,285	39,501	35,784
Roane	8,031	633	7,398	22,423	1,709	20,714
Rutherford	901	0	901	2,523	0	2,523
Scott	32,496	9	32,487	90,988	24	90,964
Sequatchie	19,298	13,204	6,094	52,714	35,651	17,063
Sevier	2,011	1,035	976	5,528	2,795	2,733
Shelby	12,924	11,994	930	34,988	32,384	2,604
Stewart	53,958	43,967	9,991	146,686	118,711	27,975
Tipton	207	207	0	559	559	0
Unicoi	616	0	616	1,725	0	1,725
Union	3,851	1,245	2,606	10,659	3,362	7,297
Van Buren	46,265	8,079	38,186	128,734	21,813	106,921
Warren	13,585	888	12,697	37,950	2,398	35,552
Washington	27,148	0	27,148	76,014	0	76,014
Wayne	128,501	80,105	48,396	351,793	216,284	135,509
Weakley	8,900	2,870	6,030	24,633	7,749	16,884
White	14,957	1,790	13,167	41,701	4,833	36,868
Williamson	5,078	55	5,023	14,213	149	14,064
All counties	1,535,970	517,872	1,018,098	4,248,932	1,398,259	2,850,673

^a Counties with no pulpwood production are omitted.

Table A.18—Roundwood pulpwood production in Texas, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	862	499	363	2,363	1,347	1,016
Angelina	94,763	61,064	33,699	259,230	164,873	94,357
Bowie	62,116	36,458	25,658	170,279	98,437	71,842
Camp	7,958	2,299	5,659	22,052	6,207	15,845
Cass	263,689	97,047	166,642	728,625	262,027	466,598
Cherokee	50,186	28,677	21,509	137,653	77,428	60,225
Dallas	13	13	0	35	35	0
Fannin	1,402	8	1,394	3,925	22	3,903
Franklin	2,703	2,236	467	7,345	6,037	1,308
Gregg	9,021	1,120	7,901	25,147	3,024	22,123
Grimes	134	134	0	362	362	0
Hardin	160,451	131,865	28,586	436,077	356,036	80,041
Harris	158	70	88	435	189	246
Harrison	64,167	36,146	28,021	176,053	97,594	78,459
Henderson	3,627	1,661	1,966	9,990	4,485	5,505
Hopkins	1,724	57	1,667	4,822	154	4,668
Houston	16,661	5,430	11,231	46,108	14,661	31,447
Jasper	246,630	221,187	25,443	668,445	597,205	71,240
Jefferson	35	35	0	95	95	0
Lamar	25,769	145	25,624	72,139	392	71,747
Leon	523	0	523	1,464	0	1,464
Liberty	68,876	39,993	28,883	188,853	107,981	80,872
Marion	53,178	33,015	20,163	145,597	89,141	56,456
Montgomery	18,562	4,319	14,243	51,541	11,661	39,880
Morris	19,268	8,304	10,964	53,120	22,421	30,699
Nacogdoches	76,382	53,952	22,430	208,474	145,670	62,804
Newton	240,715	214,630	26,085	652,539	579,501	73,038
Orange	22,489	16,580	5,909	61,311	44,766	16,545
Panola	53,084	31,376	21,708	145,497	84,715	60,782
Polk	45,265	37,029	8,236	123,039	99,978	23,061
Red River	135,947	49,517	86,430	375,700	133,696	242,004
Rusk	40,293	22,591	17,702	110,562	60,996	49,566
Sabine	29,874	23,478	6,396	81,300	63,391	17,909
San Augustine	87,921	69,515	18,406	239,228	187,691	51,537
San Jacinto	24,983	4,170	20,813	69,535	11,259	58,276
Shelby	60,955	41,156	19,799	166,558	111,121	55,437
Smith	39,871	4,803	35,068	111,158	12,968	98,190
Tarrant	11	11	0	30	30	0
Titus	19,315	839	18,476	53,998	2,265	51,733
Trinity	20,556	20,174	382	55,540	54,470	1,070
Tyler	216,682	170,851	45,831	589,625	461,298	128,327
Upshur	27,206	11,496	15,710	75,027	31,039	43,988
Van Zandt	154	115	39	420	311	109
Walker	11,509	0	11,509	32,225	0	32,225
Wood	24,456	3,846	20,610	68,092	10,384	57,708
All counties	2,350,144	1,487,911	862,233	6,431,613	4,017,363	2,414,250

^a Counties with no pulpwood production are omitted.

Table A.19—Roundwood pulpwood production in Virginia, 2009

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Albemarle	24,918	14,794	10,124	68,291	39,944	28,347
Alleghany	24,560	3,421	21,139	68,426	9,237	59,189
Amelia	6,841	294	6,547	19,126	794	18,332
Amherst	26,389	11,497	14,892	72,740	31,042	41,698
Appomattox	22,475	16,941	5,534	61,236	45,741	15,495
Augusta	8,768	2,170	6,598	24,333	5,859	18,474
Bath	21,757	3,541	18,216	60,566	9,561	51,005
Bedford	35,147	6,791	28,356	97,733	18,336	79,397
Bland	3,173	500	2,673	8,834	1,350	7,484
Botetourt	25,760	6,919	18,841	71,436	18,681	52,755
Brunswick	153,810	131,351	22,459	417,533	354,648	62,885
Buchanan	1,065	11	1,054	2,981	30	2,951
Buckingham	173,998	116,780	57,218	475,516	315,306	160,210
Campbell	44,135	12,887	31,248	122,289	34,795	87,494
Caroline	30,645	29,257	1,388	82,880	78,994	3,886
Carroll	5,022	1,012	4,010	13,960	2,732	11,228
Charles City	10,625	9,965	660	28,754	26,906	1,848
Charlotte	65,500	40,501	24,999	179,350	109,353	69,997
Chesapeake	7,255	1,078	6,177	20,207	2,911	17,296
Chesterfield	12,180	1,771	10,409	33,927	4,782	29,145
Clarke	150	0	150	420	0	420
Craig	9,464	1,362	8,102	26,363	3,677	22,686
Culpeper	12,572	9,895	2,677	34,213	26,717	7,496
Cumberland	37,508	29,311	8,197	102,092	79,140	22,952
Dickenson	87,505	212	87,293	244,992	572	244,420
Dinwiddie	104,022	100,485	3,537	281,214	271,310	9,904
Essex	6,131	5,432	699	16,623	14,666	1,957
Fairfax	3,353	793	2,560	9,309	2,141	7,168
Fauquier	7,795	6,326	1,469	21,193	17,080	4,113
Floyd	2,007	253	1,754	5,594	683	4,911
Fluvanna	34,653	21,613	13,040	94,867	58,355	36,512
Franklin	30,892	6,723	24,169	85,825	18,152	67,673
Frederick	17,592	10,091	7,501	48,249	27,246	21,003
Giles	1,568	13	1,555	4,389	35	4,354
Gloucester	9	0	9	25	0	25
Goochland	3,055	1,336	1,719	8,420	3,607	4,813
Grayson	1,087	76	1,011	3,036	205	2,831
Greene	167	0	167	468	0	468
Greensville	71,965	43,722	28,243	197,129	118,049	79,080
Halifax	56,916	9,549	47,367	158,410	25,782	132,628
Hampton	44	44	0	119	119	0
Hanover	23,590	19,776	3,814	64,074	53,395	10,679
Henrico	776	662	114	2,106	1,787	319
Henry	27,954	3,712	24,242	77,900	10,022	67,878
Highland	11,599	1,131	10,468	32,364	3,054	29,310
Isle of Wight	30,334	22,529	7,805	82,682	60,828	21,854
James City	54	35	19	148	95	53
King and Queen	11,091	10,545	546	30,001	28,472	1,529

continued

Table A.19—Roundwood pulpwood production in Virginia, 2009 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
King George	12,029	11,345	684	32,547	30,632	1,915
King William	2,075	2,014	61	5,609	5,438	171
Lancaster	9	0	9	25	0	25
Lee	6,271	6,271	0	16,932	16,932	0
Loudoun	464	0	464	1,299	0	1,299
Louisa	41,632	21,186	20,446	114,451	57,202	57,249
Lunenburg	26,272	2,900	23,372	73,272	7,830	65,442
Madison	3,366	696	2,670	9,355	1,879	7,476
Mathews	274	265	9	741	716	25
Mecklenburg	39,846	18,420	21,426	109,727	49,734	59,993
Montgomery	9,053	229	8,824	25,325	618	24,707
Nelson	33,579	18,487	15,092	92,173	49,915	42,258
New Kent	242	234	8	654	632	22
Newport News	28	20	8	76	54	22
Northampton	42	26	16	115	70	45
Northumberland	5,655	0	5,655	15,834	0	15,834
Nottoway	57,248	51,438	5,810	155,151	138,883	16,268
Orange	13,329	9,394	3,935	36,382	25,364	11,018
Page	1,325	139	1,186	3,696	375	3,321
Patrick	38,032	5,640	32,392	105,926	15,228	90,698
Pittsylvania	52,241	9,448	42,793	145,330	25,510	119,820
Powhatan	6,957	108	6,849	19,469	292	19,177
Prince Edward	28,202	8,204	19,998	78,145	22,151	55,994
Prince George	8,437	6,315	2,122	22,993	17,051	5,942
Prince William	166	19	147	463	51	412
Rappahannock	867	278	589	2,400	751	1,649
Richmond	7,651	1,149	6,502	21,308	3,102	18,206
Roanoke	7,056	1,063	5,993	19,650	2,870	16,780
Rockbridge	12,458	2,976	9,482	34,585	8,035	26,550
Rockingham	5,494	272	5,222	15,356	734	14,622
Russell	3,438	0	3,438	9,626	0	9,626
Scott	3,095	0	3,095	8,666	0	8,666
Shenandoah	5,393	1,997	3,396	14,901	5,392	9,509
Smyth	1,083	140	943	3,018	378	2,640
Southampton	123,328	82,792	40,536	337,039	223,538	113,501
Spotsylvania	14,408	10,370	4,038	39,305	27,999	11,306
Stafford	11,447	4,167	7,280	31,635	11,251	20,384
Suffolk	38,690	25,368	13,322	105,796	68,494	37,302
Surry	81,606	63,287	18,319	222,168	170,875	51,293
Sussex	68,123	56,787	11,336	185,066	153,325	31,741
Tazewell	8,411	24	8,387	23,549	65	23,484
Virginia Beach	1,361	47	1,314	3,806	127	3,679
Warren	1,368	269	1,099	3,803	726	3,077
Washington	485	0	485	1,358	0	1,358
Westmoreland	9,806	7,849	1,957	26,672	21,192	5,480
Wise	584	0	584	1,635	0	1,635
Wythe	3,910	1,200	2,710	10,828	3,240	7,588
All counties	2,094,712	1,149,940	944,772	5,750,203	3,104,842	2,645,361

^a Counties with no pulpwood production are omitted.

Table A.20—Softwood roundwood pulpwood movement between States, 2009

Southeast											
Imported from	Exported to										Roundwood production
	FL	GA	NC	SC	VA	AL	MD	PA	TN	OH	
standard cords											
Florida	2,955,680	461,867	0	0	0	38,574	0	0	0	0	3,456,121
Georgia	493,930	5,692,572	2,703	47,441	0	342,527	0	0	204,317	3,086	6,786,576
North Carolina	0	0	1,691,244	403,854	132,778	0	0	0	10,531	0	2,238,407
South Carolina	0	331,606	319,660	3,083,739	0	0	0	0	5,107	0	3,740,112
Virginia	0	0	232,446	46	737,729	0	87,719	82,366	0	9,634	1,149,940
Alabama	396,888	321,848	0	0	0	0	0	0	0	0	NA
Mississippi	22,660	0	0	0	0	0	0	0	0	0	NA
Tennessee	0	214	0	0	0	0	0	0	0	0	NA
West Virginia	0	0	0	0	3,394	0	0	0	0	0	NA
Roundwood receipts	3,869,158	6,808,107	2,246,053	3,535,080	873,901	0	0	0	0	0	17,371,156
Total Southeast receipts = 17,332,299											
South Central											
Imported from	Exported to										Roundwood production
	AL	AR	KY	LA	MS	TN	TX/OK ^a	FL	GA	OH	
standard cords											
Alabama	3,972,771	0	0	0	215,130	114,304	0	396,888	321,848	0	5,020,941
Arkansas	0	1,386,116	0	199,423	0	0	241,269	0	0	0	1,826,808
Kentucky	0	0	47,691	0	0	18,418	0	0	0	12,919	79,028
Louisiana	0	78,030	0	3,295,783	8,384	0	224,223	0	0	0	3,606,420
Mississippi	287,928	13,669	279	581,773	2,752,565	385,019	0	22,660	0	0	4,043,893
Tennessee	83,452	0	26,840	0	0	407,366	0	0	214	0	517,872
Texas/Oklahoma ^a	0	119,755	0	280,025	0	0	1,362,301	0	0	0	1,762,081
Florida	38,574	0	0	0	0	0	0	0	0	0	NA
Georgia	342,527	0	0	0	0	204,317	0	0	0	0	NA
Illinois	0	0	7,075	0	0	0	0	0	0	0	NA
North Carolina	0	0	0	0	0	10,531	0	0	0	0	NA
South Carolina	0	0	0	0	0	5,107	0	0	0	0	NA
Missouri	0	0	3,595	0	0	0	0	0	0	0	NA
Roundwood receipts	4,725,252	1,597,570	85,480	4,357,004	2,976,079	1,145,062	1,827,793				16,857,043
Total South Central receipts = 16,714,240											

Note: Boxed numbers are retained roundwood volume processed by mills in the State in which it is harvested.

NA = not applicable.

^a Values have been combined for confidentiality purposes.

Table A.21—Hardwood roundwood pulpwood movement between States, 2009

Southeast														
Imported from	Exported to										Roundwood production			
	FL	GA	NC	SC	VA	AL	MD	PA	TN	OH				
standard cords														
Florida	169,625	29,061	0	0	0	15,313	0	0	0	0	213,999			
Georgia	4,047	977,441	5,079	11,929	0	120,720	0	0	98,402	29	1,217,647			
North Carolina	0	568	737,036	84,831	284,887	0	0	0	71,475	0	1,178,797			
South Carolina	0	96,260	61,282	875,920	0	0	0	0	933	0	1,034,395			
Virginia	0	51,539	29,623	5,125	707,753	0	35,245	11,810	103,677	0	944,772			
Alabama	946	27,347	0	0	0	0	0	0	0	0	NA			
Tennessee	0	0	110,290	436	36	0	0	0	0	0	NA			
West Virginia	0	0	0	0	214,750	0	0	0	0	0	NA			
Other ^d	0	33	10	680	0	0	0	0	0	0	NA			
Roundwood receipts	174,618	1,182,249	943,320	978,921	1,207,426							4,589,610		
Total Southeast receipts = 4,486,534														
South Central														
Imported from	Exported to										Roundwood production			
	AL	AR	KY	LA	MS	TN	TX/OK ^b	FL	GA	NC		SC	Other ^c	
standard cords														
Alabama	1,996,164	0	8,137	0	0	17,047	11	946	27,347	0	0	0	2,049,652	
Arkansas	0	954,209	2,294	19	0	0	103,034	0	0	0	0	0	1,059,556	
Kentucky	0	0	209,357	0	0	67,380	0	0	0	0	680	12,564	289,981	
Louisiana	0	207,937	0	510,265	3,257	0	163,858	0	0	0	0	0	885,317	
Mississippi	490,557	203,351	102,478	323,439	135,209	46,430	3,718	0	0	0	0	0	1,305,182	
Tennessee	337,551	355	100,358	0	0	469,072	0	0	0	110,290	436	36	1,018,098	
Texas/Oklahoma ^b	0	354,914	0	45,653	0	0	690,829	0	20	0	0	0	1,091,416	
Florida	15,313	0	0	0	0	0	0	0	0	0	0	0	NA	
Georgia	120,720	0	0	0	0	98,402	0	0	0	0	0	0	NA	
Illinois	0	0	6,476	0	0	0	0	0	0	0	0	0	NA	
North Carolina	0	0	0	0	0	71,475	0	0	0	0	0	0	NA	
South Carolina	0	0	0	0	0	933	0	0	0	0	0	0	NA	
Other ^d	0	23	56,602	0	0	103,677	0	0	0	0	0	0	NA	
Roundwood receipts	2,960,305	1,720,789	485,702	879,376	138,466	874,416	961,450							7,699,202
Total South Central receipts = 8,020,504														

Note: Boxed numbers are retained roundwood volume processed by mills in the State in which it is harvested.

NA = not applicable.

^a Other sources include Kentucky, Missouri, and Oklahoma.

^b Values have been combined for confidentiality purposes.

^c Other destinations include Ohio and Virginia.

^d Other sources include Indiana, Missouri, and Virginia.

Table A.22—Southern pulpmills, by process and capacity, 2009

			Pulping capacity, 24 hours				
Location	Map code ^a	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons							
Alabama							
Clairborne ^b	[1,2]	Alabama River Companies	3,000	3,000	0	0	0
Jackson	[3]	Boise Cascade LLC	800	800	0	0	0
Courtland	[4]	International Paper Company	2,250	2,250	0	0	0
Demopolis	[5]	Rock-Tenn Company	1,137	1,137	0	0	0
Selma	[6]	International Paper Company	1,493	1,493	0	0	0
Naheola	[7]	Georgia-Pacific Corporation	1,850	1,850	0	0	0
Brewton	[8]	Georgia-Pacific Corporation	1,300	1,300	0	0	0
Coosa Pines	[9]	AbitibiBowater, Inc.	800	0	0	800	0
Pine Hill	[10]	International Paper Company	1,811	1,300	0	511	0
Cottonton	[11]	MeadWestvaco Corporation	2,300	2,300	0	0	0
Stevenson	[12]	Smurfit-Stone Container Corporation	750	0	0	750	0
Prattville	[13]	International Paper Company	3,162	3,162	0	0	0
Total			20,653	18,592	0	2,061	0
Arkansas							
Pine Bluff	[14]	Delta Natural Kraft	450	450	0	0	0
Ashdown	[15]	Domtar Paper Co., LLC	2,450	2,450	0	0	0
Crossett	[16]	Georgia-Pacific Corporation	1,600	1,600	0	0	0
Morrilton	[17]	Green Bay Packaging, Inc.	800	800	0	0	0
Pine Bluff	[18]	Evergreen Packaging, Inc.	1,520	1,370	150	0	0
McGehee	[19]	Clearwater Paper Corp.	900	900	0	0	0
Total			7,720	7,570	150	0	0
Florida							
Perry	[20]	Buckeye Florida, LP	1,200	1,200	0	0	0
Cantonment	[21]	International Paper Company	1,903	1,903	0	0	0
Palatka	[22]	Georgia-Pacific Corporation	1,250	1,250	0	0	0
Fernandina Beach	[23]	Rayonier, Inc.	475	0	0	0	475
Fernandina Beach	[24]	Smurfit-Stone Container Corporation	2,200	2,200	0	0	0
Panama City	[25]	Smurfit-Stone Container Corporation	1,635	1,635	0	0	0
Total			8,663	8,188	0	0	475
Georgia							
Augusta	[26]	Augusta Newsprint Company	1,100	0	1,100	0	0
Augusta	[27]	International Paper Company	2,025	2,025	0	0	0
Brunswick	[28]	Georgia-Pacific Corporation	2,450	2,450	0	0	0
Cedar Springs	[29]	Georgia-Pacific Corporation	2,825	2,300	0	525	0
Rome	[30]	Temple-Inland, Inc.	2,250	2,250	0	0	0
Riceboro	[31]	Interstate Paper LLC	780	780	0	0	0
Jesup	[32]	Rayonier, Inc.	1,750	1,750	0	0	0
Valdosta	[33]	Packaging Corporation of America	1,352	1,352	0	0	0
Macon	[34]	Graphic Packaging International, Inc.	1,450	1,450	0	0	0
Savannah	[35]	International Paper Company	2,600	2,600	0	0	0
Oglethorpe	[36]	Weyerhaeuser Company	1,155	1,155	0	0	0
Port Wentworth	[37]	Weyerhaeuser Company	975	975	0	0	0
Total			20,712	19,087	1,100	525	0

continued

Table A.22—Southern pulpmills, by process and capacity, 2009 (continued)

Location	Map code ^a	Company	Pulping capacity, 24 hours				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons							
Kentucky							
Wickliffe	[38]	NewPage Corporation	850	850	0	0	0
Hawesville	[39]	Domtar Paper Co., LLC	1,400	1,400	0	0	0
		Total	2,250	2,250	0	0	0
Louisiana							
DeRidder	[40]	Boise Cascade Corporation	1,975	1,300	675	0	0
Bogalusa	[41]	Temple-Inland, Inc.	2,383	2,383	0	0	0
Port Hudson	[42]	Georgia-Pacific Corporation	1,920	1,920	0	0	0
Pineville	[43]	International Paper Company	1,084	1,084	0	0	0
Mansfield	[44]	International Paper Company	2,958	1,957	0	1,001	0
West Monroe	[45]	Graphic Packaging International, Inc.	1,831	1,630	0	201	0
Hodge	[46]	Smurfit-Stone Container Corporation	1,500	1,500	0	0	0
Campti	[47]	International Paper Company	1,134	1,134	0	0	0
		Total	14,785	12,908	675	1,202	0
Mississippi							
Monticello	[48]	Georgia-Pacific Corporation	2,500	2,500	0	0	0
New Augusta	[49]	Koch Industries	1,550	1,550	0	0	0
Vicksburg	[50]	International Paper Company	1,404	1,404	0	0	0
Grenada	[51]	AbitibiBowater, Inc.	800	0	800	0	0
Columbus	[52a]	Weyerhaeuser Company	1,450	1,450	0	0	0
Columbus	[52b]	Domtar Paper Co., LLC	350	0	350	0	0
		Total	8,054	6,904	1,150	0	0
North Carolina							
Roaring River	[53]	Louisiana-Pacific Corporation	475	0	475	0	0
Canton	[54]	Evergreen Packaging, Inc.	1,600	1,600	0	0	0
Roanoke Rapids	[55]	KapStone Kraft Paper Corp.	1,500	1,500	0	0	0
Riegelwood	[56]	International Paper Company	2,545	2,545	0	0	0
New Bern	[57]	Weyerhaeuser Company	900	900	0	0	0
Plymouth	[58]	Domtar Paper Co., LLC	1,200	1,200	0	0	0
		Total	8,220	7,745	475	0	0
Oklahoma							
Valliant	[59]	International Paper Company	2,075	1,582	0	493	0
		Total	2,075	1,582	0	493	0
South Carolina							
Catawba	[60]	AbitibiBowater, Inc.	2,100	1,500	600	0	0
Georgetown	[61]	International Paper Company	1,246	1,246	0	0	0
Hartsville	[62]	Sonoco Products Company	300	0	0	300	0
Florence	[63]	Smurfit-Stone Container Corporation	1,530	1,530	0	0	0
Eastover	[64]	International Paper Company	1,927	1,927	0	0	0
Charleston	[65]	KapStone Charleston Kraft LLC	2,080	2,080	0	0	0
Bennettsville	[66]	Domtar Paper Co., LLC	1,000	1,000	0	0	0
		Total	10,183	9,283	600	300	0

continued

Table A.22—Southern pulpmills, by process and capacity, 2009 (continued)

			Pulping capacity, 24 hours				
Location	Map code ^a	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons							
Tennessee							
Calhoun	[67]	AbitibiBowater, Inc.	1,450	1,000	450	0	0
New Johnsonville	[68]	Temple-Inland, Inc.	500	0	0	500	0
Kingsport	[69]	Domtar Paper Co., LLC	850	0	0	0	850
Counce	[70]	Packaging Corporation of America	1,950	1,950	0	0	0
Knoxville	[71]	Tamko Building Products, Inc.	125	0	125	0	0
Total			4,875	2,950	575	500	850
Texas							
Texarkana	[72]	International Paper Company	1,900	1,900	0	0	0
Orange	[73]	Temple-Inland, Inc.	1,833	1,833	0	0	0
Diboll	[74]	Temple-Inland, Inc.	500	0	500	0	0
Silsbee	[75]	MeadWestvaco Corporation	1,650	1,650	0	0	0
Total			5,883	5,383	500	0	0
Virginia							
Ashland	[76]	White Birch Paper Co.	880	0	880	0	0
West Point	[77]	Smurfit-Stone Container Corporation	1,700	1,700	0	0	0
Jarratt	[78]	Georgia-Pacific Corporation	400	0	400	0	0
Big Island	[79]	Georgia-Pacific Corporation	864	0	0	864	0
Hopewell	[80]	Smurfit-Stone Container Corporation	1,030	1,030	0	0	0
Franklin	[81]	International Paper Company	1,721	1,721	0	0	0
Riverville	[82]	Greif Packaging, LLC	600	0	0	600	0
Covington	[83]	MeadWestvaco Corporation	2,100	2,100	0	0	0
Total			9,295	6,551	1,280	1,464	0
Total South			123,368	108,993	6,505	6,545	1,325

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

^b This is pulping capacity for two mills at this site.

Table A.23—Other mills using southern pulpwood in 2009, by process and capacity

		Pulping capacity, 24 hours				
Location	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons						
Maryland						
Luke	NewPage Corporation	850	850			
Ohio						
Chillicothe	Glatfelter Company	1,785	1,785			
Pennsylvania						
Spring Grove	Glatfelter Company	700	700			

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The South's production of pulpwood declined from 67.0 million cords in 2008 to 61.2 million cords in 2009. Roundwood production declined by 2.3 million cords to 46.5 million cords and accounted for 76 percent of the South's total pulpwood production. The use of wood residue dropped 3.6 million cords from 18.2 million cords in 2008 to 14.6 million cords in 2009. Georgia and Alabama led the South in total production, with 10.0 and 9.4 million cords, respectively. In 2009, 83 mills were operating and drawing wood from the 13 Southern States. Pulping capacity of southern mills increased from 124,679 tons per day in 2008 to 123,368 tons per day in 2009.

Keywords: FIA, pulping capacity, pulpmills, pulpwood, residues, roundwood.



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