
Southern Pulpwood Production, 2011

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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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ERRATA

Errors occurred during the preparation of this Resource Bulletin, as follows:

Page 2, left column, last paragraph: Line 1, change “Ten Southern States” to “Nine Southern States”; line 3, change “Texas, and Virginia—showed a decline in roundwood” to “and Texas—showed a decline in roundwood ”; and line 5, change “Three Southern States” to “Four Southern States.”

Page 12, Table A.3, second column, next to last number in column—change “-10” to “4”; sixth column, next to last number in column—change 2,665.8 to 2,655.8.

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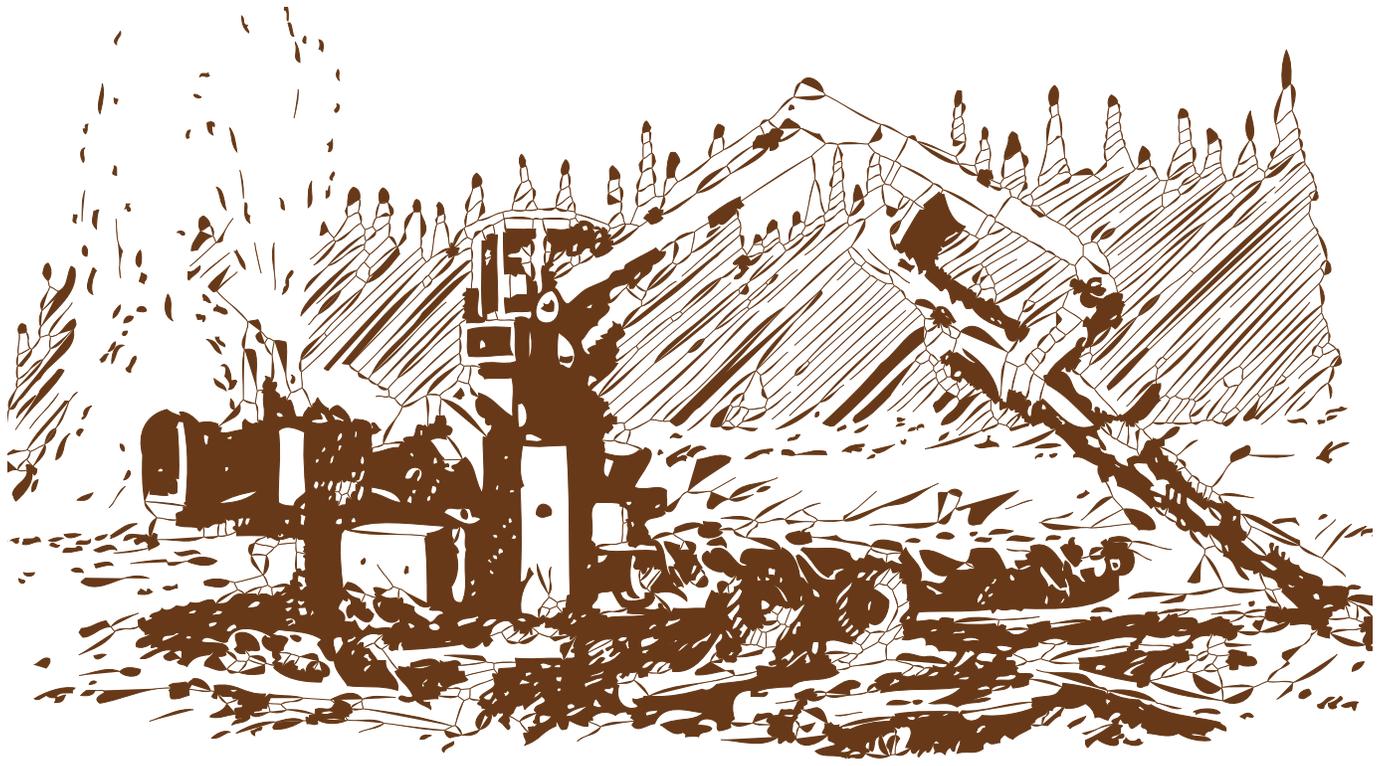
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Southern Pulpwood Production, 2011

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Introduction

The Forest Inventory and Analysis unit of the Southern Research Station annually compiles, analyzes, and reports canvass data of pulpmills in the South. This report for 2011 presents the findings of a 100-percent canvass of pulpmills that drew roundwood or wood residues from the 13 Southern States. Of the 81 mills canvassed, 79 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.2, and A.6 through A.18 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 2010 to 2011.

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 4 percent, 2.9 million cords, to 62.7 million cords (166.9 million green tons) (table A.1). This decline comes after an increase in 2010 and puts total production back to slightly above the level seen in 2009. At 46.9 million cords, softwood production decreased 1.3 million cords, or 3 percent. Hardwood production was down 9 percent, from 17.3 million cords to 15.7 million cords. Softwood roundwood and residues combined accounted for 75 percent of the total Southern pulpwood production, while hardwoods accounted for the remaining 25 percent (table A.2). Total Southern pulpwood production was 17 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 4 percent, from 34.7 million cords to 33.3 million cords. Softwood pulpwood production was down 612,000 cords, or nearly 3 percent, in the region, while hardwood production declined 745,000 cords, or 7 percent. The South Central region's production was down 22 percent, or 9.2 million cords (23.9 million green tons) from the peak year of 1997. Between 1997 and 2011, the South Central region lost 15 pulpmills and 13 percent of its pulping capacity. This region accounts for 55 percent of the South's total pulping capacity.

Production in the Southeast (Florida, Georgia, North Carolina, South Carolina, and Virginia) declined 5 percent, from 30.9 million cords to 29.3 million cords. Softwood production was down 3 percent in this region, or 703,000 cords, while hardwood production decreased 12 percent, or 817,000 cords. From its peak year of 1997, the Southeast region's production declined 12 percent, or 4.0 million cords (10.0 million green tons). Between 1997 and 2011, the Southeast lost seven pulpmills and 13 percent of its pulping capacity.

Georgia's pulpwood production was down 7 percent to 10.6 million cords, leading the South in total pulpwood production (fig. 1). Alabama's production was down 2 percent to 9.9 million cords. Production in Mississippi decreased 6 percent to 7.2 million cords. Pulpwood production in South Carolina remained stable at 6.2 million cords. Louisiana's and North Carolina's production dropped 5 and 9 percent to 5.6 and 4.7 million cords, respectively. Collectively, these six States accounted for 44.1 million cords, or 70 percent, of the South's total 2011 production.

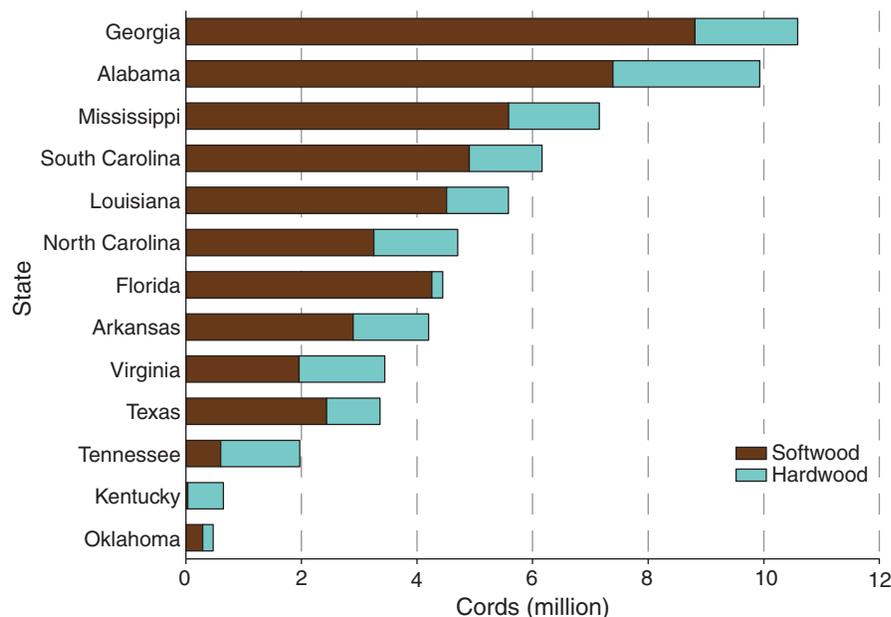


Figure 1—Pulpwood production by State and broad species, 2011.

Roundwood

Roundwood pulpwood continues to be the primary fiber source used in pulp manufacture in the South. In 2011, it accounted for 80 percent of the total Southern pulpwood production (fig. 2). This represents an increase over 2010 when roundwood accounted for 78 percent of total pulpwood production. Between 2003 and 2006, roundwood comprised between 72 and 74 percent. Overall, from 2010 to 2011, the South's roundwood production declined by 878,000 cords, or 2 percent, from 51.0 to 50.1 million cords (table A.3). At 37.5 million cords, softwood accounted for nearly 75 percent of the total roundwood production. Between 2010 and 2011, softwood roundwood production was up by 1 percent, or 422,000 cords, while hardwood roundwood production dropped by 1.3 million cords, or 9 percent. In comparison to the peak year of 1997, softwood roundwood production was up by 3.5 million cords, or 10 percent, while hardwood roundwood production dropped by 7.6 million cords, or 38 percent.

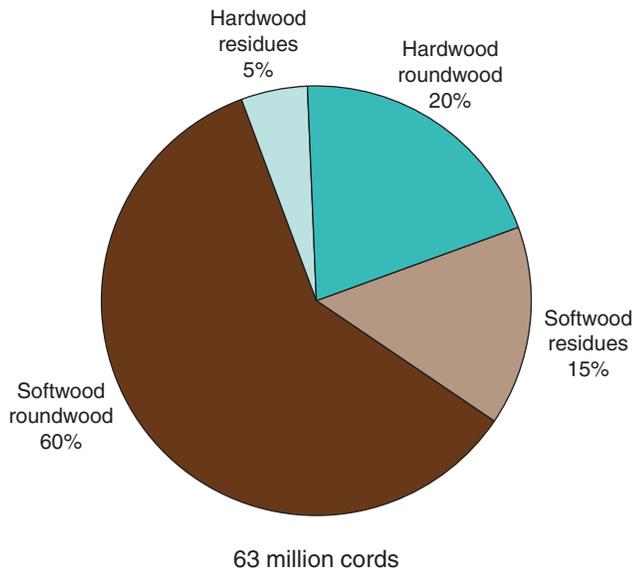


Figure 2—Softwood and hardwood components of Southern pulpwood production, 2011.

Nine Southern States—Alabama, Arkansas, Georgia, Louisiana, Mississippi, North Carolina, Oklahoma, Tennessee, and Texas—showed a decline in roundwood production, with respective decreases ranging from 1 to 23 percent. Four Southern States showed small to moderate increases in roundwood production. Georgia's roundwood production dropped 2 percent and still led in total roundwood production, with 9.1 million cords, and as producer of softwood roundwood, with 7.6 million cords. At 7.8 million cords, Alabama ranked second in total roundwood production and was the leading producer of hardwood roundwood, at 2.1 million cords. Roundwood pulpwood production in

Mississippi, South Carolina, Louisiana, and Florida was 5.8, 5.2, 4.7, and 3.7 million cords, respectively. Combined production in these six States was 36.2 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 14 percent to 12.6 million cords, or 30.4 million tons (table A.4). Softwood residue production declined 16 percent to 9.4 million cords but still accounted for 75 percent of total wood residues. Hardwood residue production dropped 8 percent to 3.1 million cords.

Five Southern States—Kentucky, Mississippi, Oklahoma, Tennessee, and Texas—showed an increase in wood residue production, while eight States showed moderate to substantial declines ranging from 5 to 32 percent. Alabama led Southern States in the production of wood residues with 2.1 million cords, followed by Georgia, North Carolina, Mississippi, Texas, and South Carolina with 1.5, 1.4, 1.4, 1.3, and 1.0 million cords, respectively. Combined wood residue production in these six States amounted to 8.7 million cords, or 69 percent of the South's total.

County and Parish Production

Table A.5 summarizes pulpwood production in the South by source of wood, State, year, and number of mills for 2000 through 2011. Tables A.6 through A.18 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 2011, of the 1,306 total counties in the 13 Southern States, 910 counties produced softwood or hardwood roundwood or both; in 2010, this number was 913; in 2009, it was 902; and in 2008, it was 891.

Of counties producing in 2011, only 16, or 2 percent, harvested >250,000 cords of softwood and hardwood roundwood combined; 10 of the 16 counties were in Alabama and Louisiana. Sixteen percent, or 145 counties evenly distributed across the South, reported roundwood production ranging between 100,000 and 250,000 cords, while 195 counties, or 21 percent, reported production that ranged between 50,000 and 99,999 cords. The remaining 554 counties or 61 percent of producing counties produced <50,000 cords. Figures 3 and 4 depict the intensity of production of

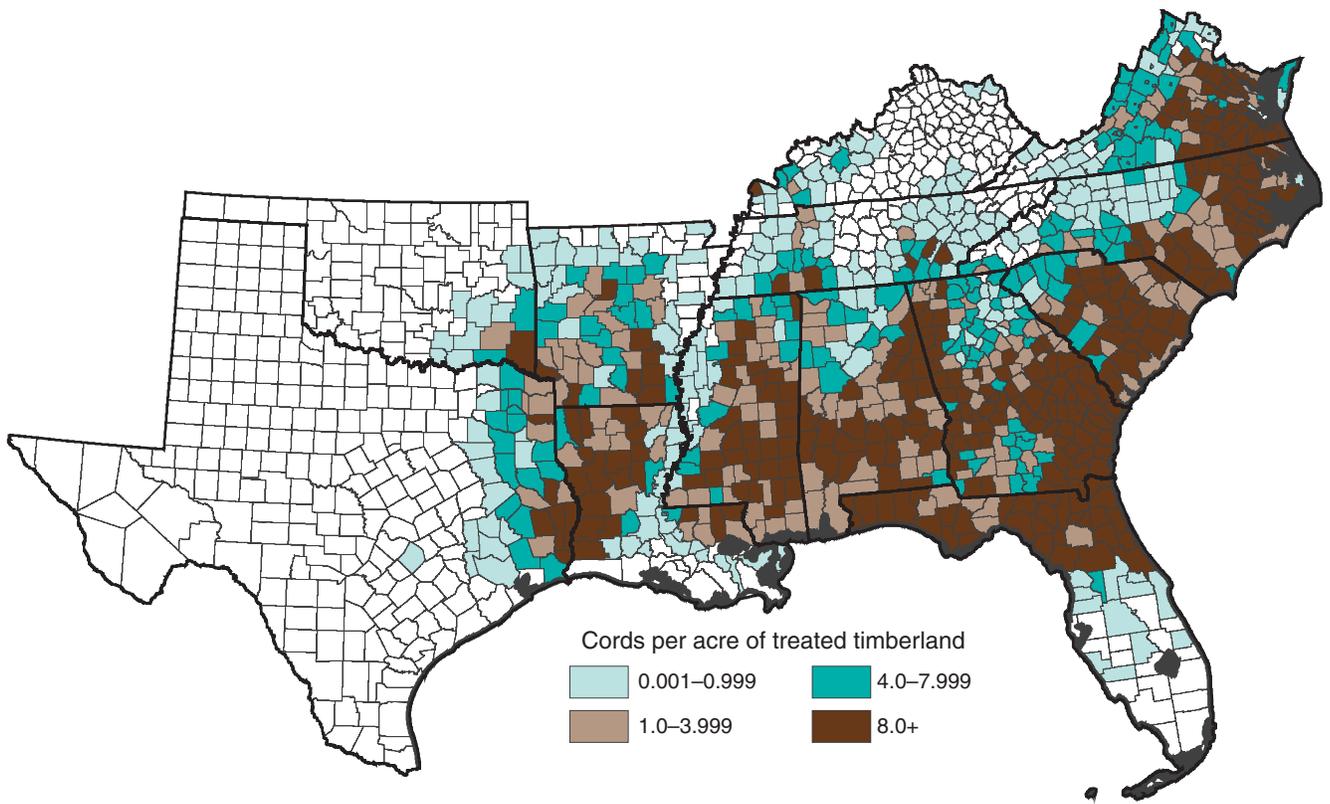


Figure 3—Softwood roundwood production in the South by county or parish, 2011.

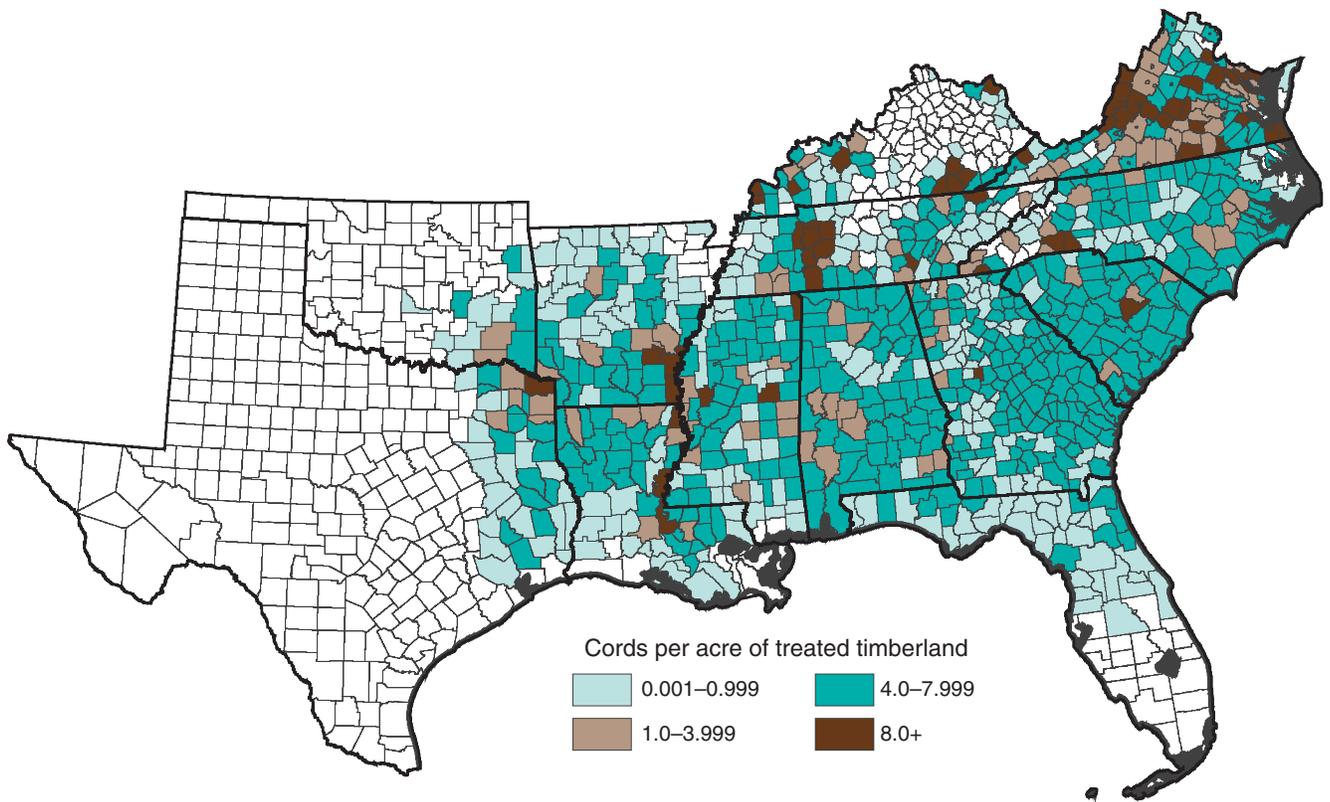


Figure 4—Hardwood roundwood production in the South by county or parish, 2011.

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 Johnson (2012). In both figures, counties in the dark shade of brown produced >8 cords per acre of treated timberland. Across the South, 287 counties produced >8 cords of softwood per acre of treated timberland, while only 58 counties produced >8 cords of hardwood per acre of treated timberland (table 1).

Table 1—Number of producing counties in the South by range of cords per acre of treated timberland for softwood and hardwood roundwood, 2011

Range <i>cords/treated acre</i>	Softwood <i>number of counties</i>	Hardwood
0	71	24
0.001–0.999	211	288
1.0–3.999	158	440
4.0–7.999	183	100
8.0+	287	58
Total	910	910

A barometer of local competition for pulpwood is the number of pulpmills procuring wood from each county (figs. 5 and 6). In 413, or 45 percent, of the producing counties, 1 to 3 mills were actively procuring both softwood and hardwood roundwood (table 2). In 375, or 41 percent, of the producing counties, 4 to 6 mills were actively procuring wood. In the remaining 122, or 14 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.19 and A.20 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

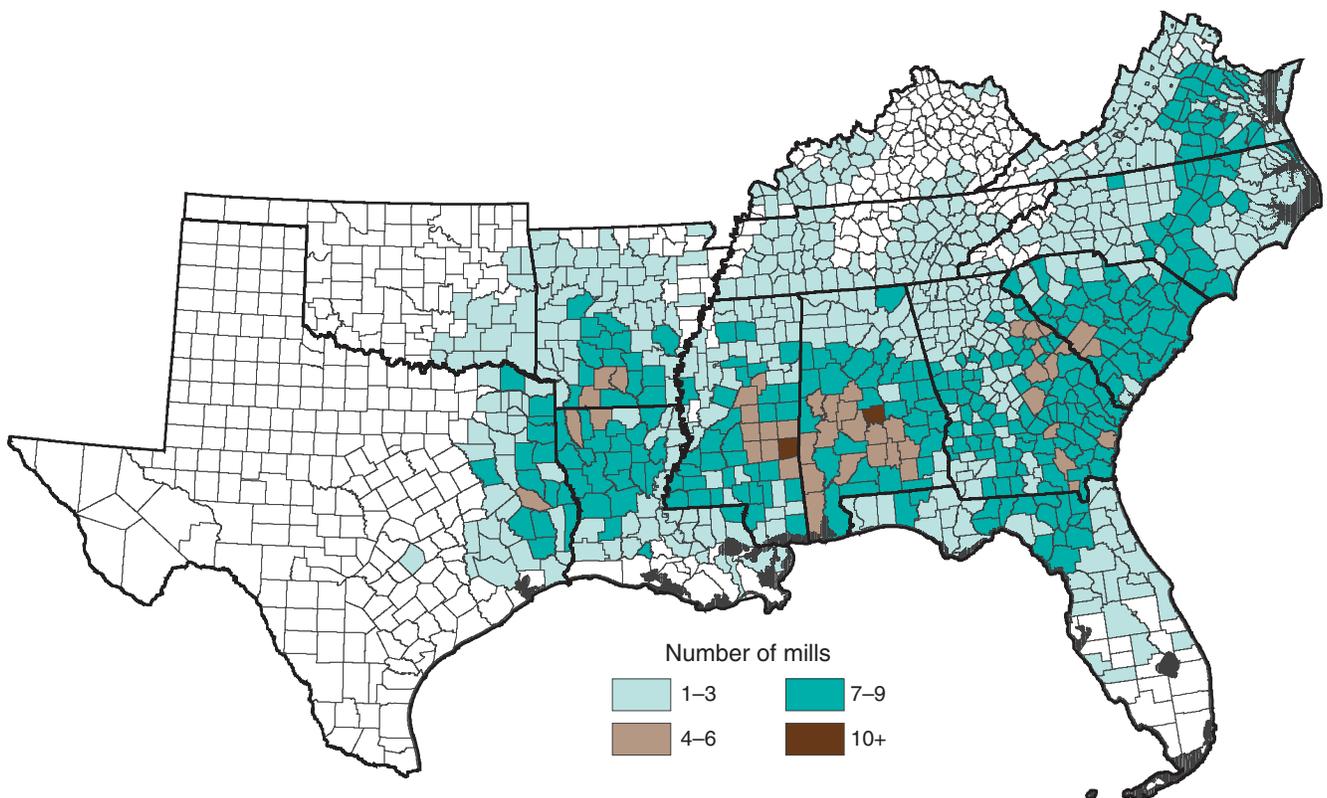


Figure 5—Number of mills competing for softwood roundwood by county or parish, 2011.

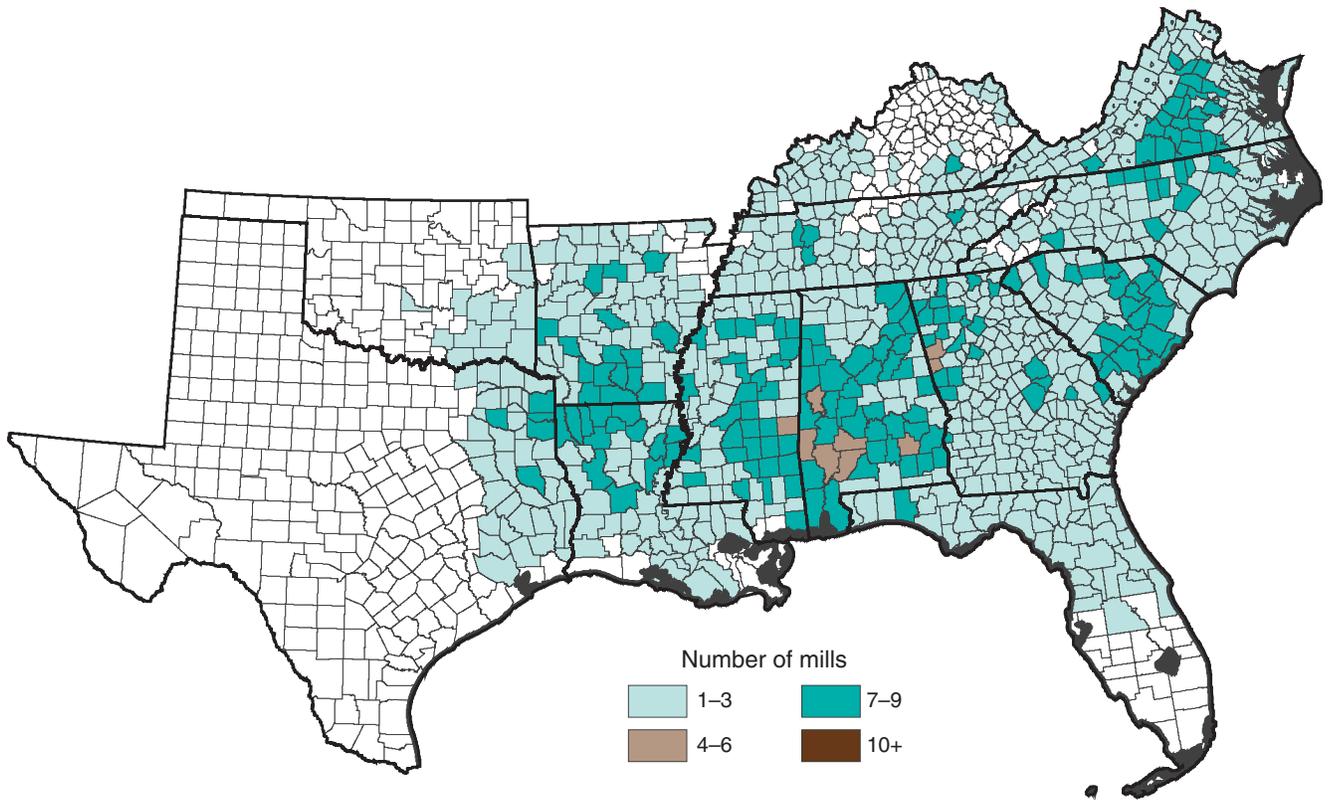


Figure 6—Number of mills competing for hardwood roundwood by county or parish, 2011.

Table 2—Number of producing counties in the South by number of pulp mills procuring softwood and hardwood roundwood, 2011

Mills number	Combined ^a number of counties	Softwood ^b	Hardwood ^c
0	0	71	24
1-3	413	505	690
4-6	375	288	187
7-9	118	44	9
10+	4	2	0
Total	910	910	910

^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.

figures for retained wood represent wood imported from 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 exporter of roundwood pulpwood. For softwood and hardwood combined, exports exceeded imports by 176,869 cords (tables A.19 and A.20). Softwood exports exceeded imports by 559,844 cords, while hardwood imports exceeded exports by 382,975 cords. The Southeast was a net importer of pulpwood, with softwood and hardwood imports exceeding exports by 196,840 cords. Softwood imports exceeded exports by 401,202 cords, while hardwood exports exceeded imports by 204,362 cords. Across the South roundwood pulpwood receipts, or consumption, exceeded production by 19,971 cords.

Mills and Pulping Capacity

In 2011, 81 southern pulpmills were operating and drawing wood from the 13 Southern States, one less than in 2010 (fig. 7). The International Paper mill in Franklin, VA closed in 2010 and showed no production in 2011. At the same time, total southern mill pulping capacity decreased from 123,076 tons per day in 2010 to 122,218 tons per day in 2011. Daily capacity of individual mills ranged from 125 tons to 4,750 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 2011, the average daily capacity was 1,508 tons per day, 7 tons per day higher than in 2010 and 147 tons per day higher than in 1997.

Many companies operate pulping facilities throughout the South. In 2011, International Paper Company was the dominant pulp and paper company, with 15 pulpmills in nine Southern States responsible for 27 percent of the South's pulping capacity. Georgia-Pacific Corporation operated 12 pulpmills in seven States and accounted for 16 percent of the South's pulping capacity. RockTenn Company operated eight pulpmills in five States and accounted for 9 percent of the South's pulping capacity. With 63,450 tons of pulping

capacity, these three companies were responsible for 52 percent of the South's pulping capacity. Domtar Paper Co., LLC, Temple-Inland, Inc., Resolute Forest Products, Weyerhaeuser Company, and MeadWestvaco Corporation operated five, five, four, four, and three mills, respectively, and accounted for another 25 percent of the South's pulping capacity.

The sulfate process dominated the industry in 2011, accounting for 89 percent of mill capacity. Groundwood or other mechanical processes accounted for 5 percent, semi-chemical 5 percent, and soda and other chemical processes 1 percent (table A.21). These capacities have remained relatively stable over the past few years. Based on 2011 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 operating mills, with 13 and 12 mills, respectively. Alabama led in pulping capacity, with 22,722 tons per day and Georgia followed with 20,779 tons per day (table 3). These two States accounted for 36 percent of the South's pulping capacity. In addition, three pulpmills outside the Southern region drew wood from the South in 2011 (table A.22).

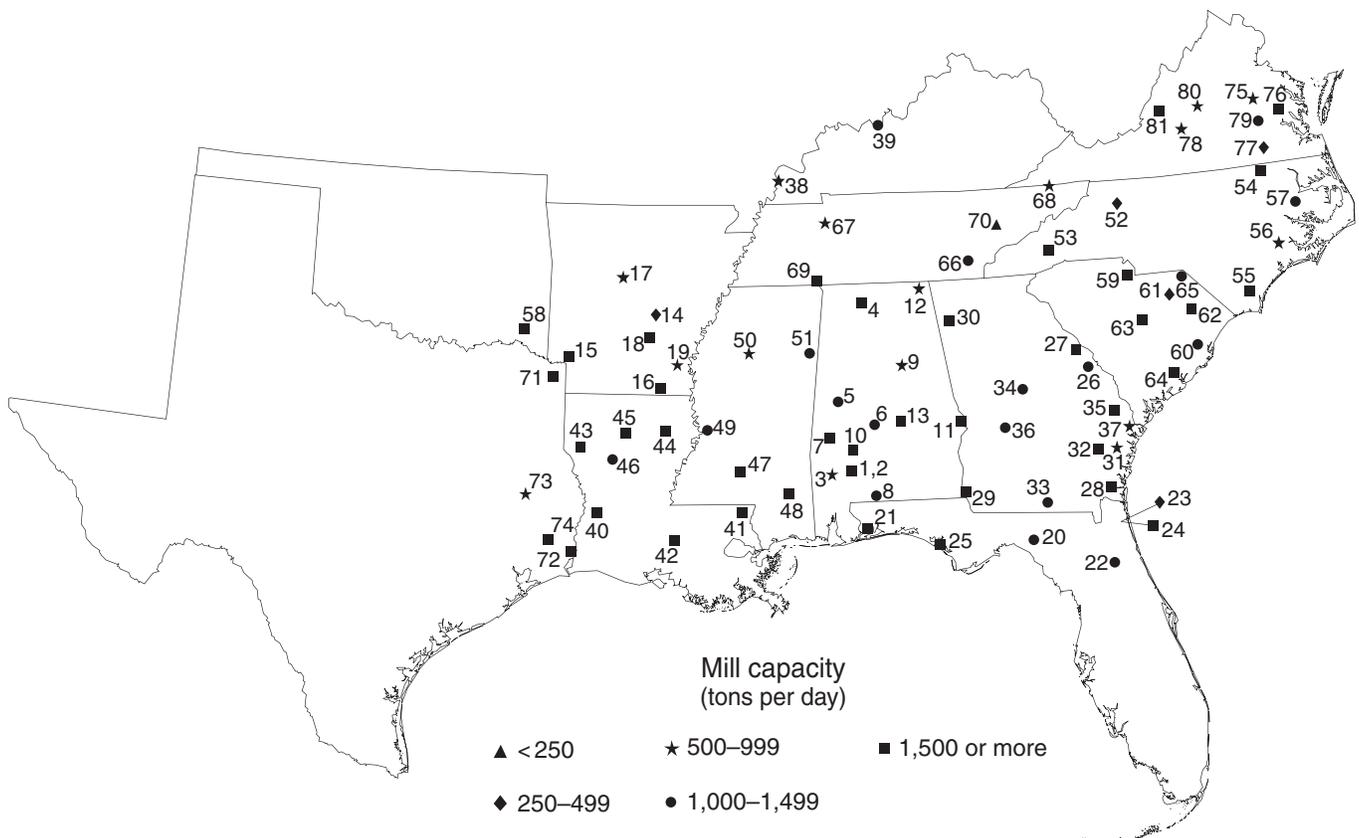


Figure 7—Capacity of southern pulpmills operating and drawing wood from the 13 Southern States, 2011. Numerals are coded on Table A.21.

Table 3—Number of pulp mills and pulping capacity by State, 2011

State	Mills <i>number</i>	24-hour capacity <i>tons</i>
Alabama	13	22,722
Arkansas	6	7,800
Florida	6	8,663
Georgia	12	20,779
Kentucky	2	2,250
Louisiana	7	13,208
Mississippi	5	7,704
North Carolina	6	8,270
Oklahoma	1	1,582
South Carolina	7	10,183
Tennessee	5	5,405
Texas	4	6,078
Virginia	7	7,574
Total	81	122,218

Trends

Figure 8 depicts Southern pulpwood production from 1953 to 2011. The 4-percent decline registered between 2010 and 2011 follows a 7-percent increase registered between 2009 and 2010, one of the largest increases recorded since data collection began and second only to the 11-percent increase recorded between 1996 and 1997. 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. Softwood roundwood was up 1 percent in 2011; it accounted for 60 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 2011, with a 9-percent decrease in hardwood roundwood production recorded, it only accounted for 20 percent of total pulpwood production.

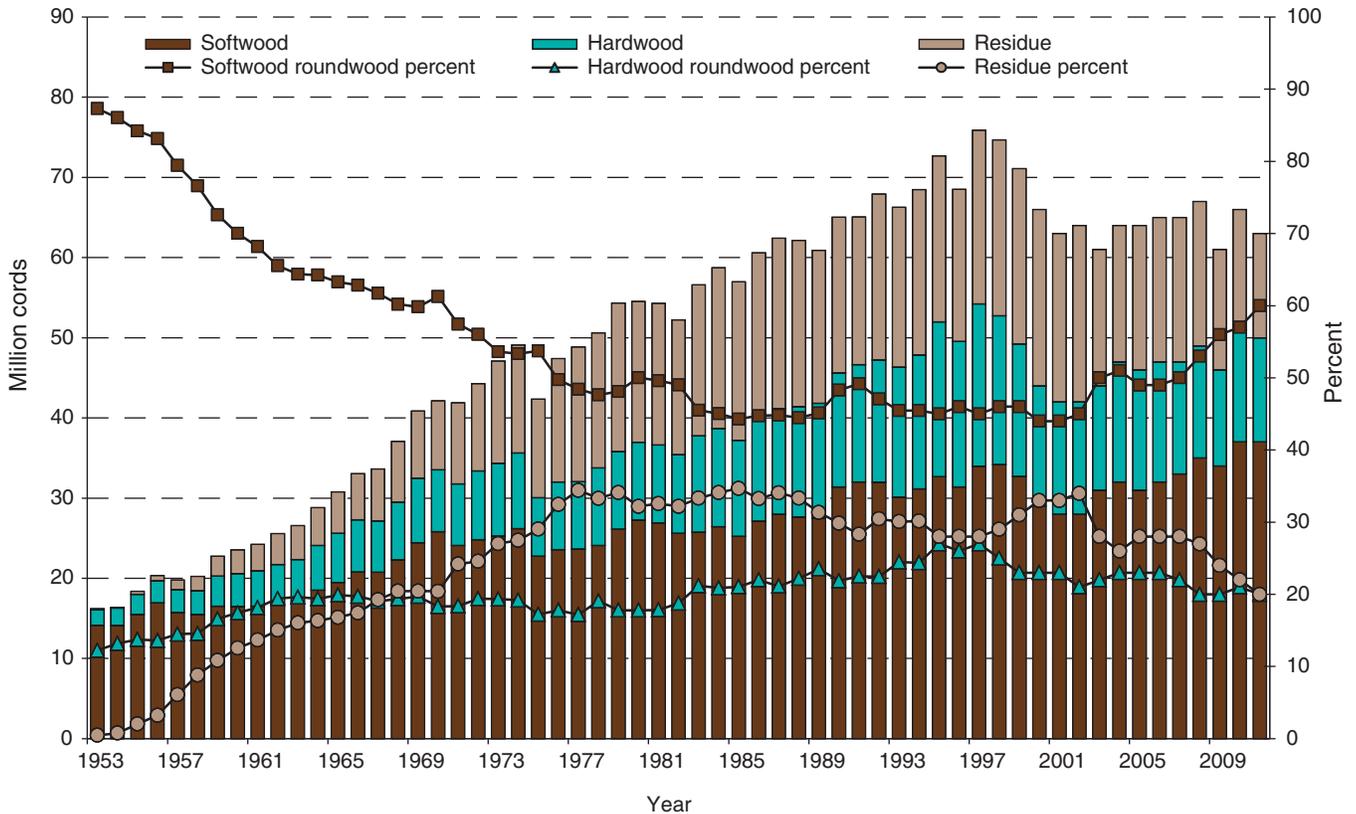


Figure 8—Pulpwood production in the South, 1953–2011.

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 14-percent decline in wood residue production in 2011 has reduced the proportion of wood residues to 20 percent of total pulpwood production.

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McCollum, J.M.; Johnson T.G. 2012. Resolving the pulpwood canvass with inventory harvest information. 2012. In: McWilliams, W.; Roesch, F.A., eds. Monitoring across borders: 2010 joint meeting of the Forest Inventory and Analysis (FIA) Symposium and the Southern Mensurationists. e-Gen. Tech. Rep. SRS-157. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station: 147-153.

Appendix

Table A.1—Pulpwood production in the Southeast and South Central regions, 2011

Region and source of wood	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Southeast^a						
Roundwood	23,993,260	19,138,077	4,855,183	65,267,321	51,672,808	13,594,513
Residues	5,348,547	4,048,795	1,299,752	12,941,241	9,737,352	3,203,889
Total	29,341,807	23,186,872	6,154,935	78,208,562	61,410,160	16,798,402
South Central^b						
Roundwood	26,115,158	18,370,206	7,744,952	71,285,423	49,599,557	21,685,866
Residues	7,209,336	5,373,061	1,836,275	17,448,629	12,922,211	4,526,418
Total	33,324,494	23,743,267	9,581,227	88,734,052	62,521,768	26,212,284
Entire South						
Roundwood	50,108,418	37,508,283	12,600,135	136,552,744	101,272,365	35,280,379
Residues	12,557,883	9,421,856	3,136,027	30,389,870	22,659,563	7,730,307
Total	62,666,301	46,930,139	15,736,162	166,942,614	123,931,928	43,010,686

^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, 2011

State	Change <i>percent</i>	All species			All species		
		Softwood	Hardwood		Softwood	Hardwood	
		<i>standard cords</i>			<i>green tons</i>		
Alabama	-2	9,931,189	7,389,123	2,542,066	26,432,267	19,448,174	6,984,093
Arkansas	-3	4,201,307	2,894,592	1,306,715	11,186,081	7,574,194	3,611,887
Florida	-1	4,446,628	4,257,457	189,171	11,793,815	11,265,407	528,408
Georgia	-7	10,586,151	8,810,010	1,776,141	28,315,221	23,438,537	4,876,684
Kentucky	10	650,943	33,592	617,351	1,749,068	90,445	1,658,623
Louisiana	-5	5,581,761	4,510,774	1,070,987	14,896,507	11,955,647	2,940,860
Mississippi	-6	7,155,591	5,585,355	1,570,236	19,051,532	14,756,700	4,294,832
North Carolina	-9	4,703,005	3,251,659	1,451,346	12,402,136	8,517,001	3,885,135
Oklahoma	-19	471,434	290,557	180,877	1,282,421	775,965	506,456
South Carolina	0	6,162,644	4,906,295	1,256,349	16,461,733	12,999,679	3,462,054
Tennessee	1	1,971,795	602,409	1,369,386	5,362,137	1,623,754	3,738,383
Texas	-6	3,360,474	2,436,865	923,609	8,774,039	6,296,889	2,477,150
Virginia	-15	3,443,379	1,961,451	1,481,928	9,235,657	5,189,536	4,046,121
All States	-4	62,666,301	46,930,139	15,736,162	166,942,614	123,931,928	43,010,686

Table A.3—Roundwood production in the South by State and species group, 2011 and 2010

State	Change from 2010 <i>percent</i>	2011			2010		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>----- thousand cords -----</i>							
Alabama	-2	7,828.9	5,685.9	2,143.0	7,961.3	5,533.1	2,428.2
Arkansas	-1	3,243.6	2,077.0	1,166.7	3,270.6	2,019.7	1,250.9
Florida	5	3,664.1	3,478.7	185.4	3,498.2	3,275.1	223.2
Georgia	-2	9,116.7	7,628.7	1,488.0	9,291.8	7,730.3	1,561.5
Kentucky	15	441.3	32.7	408.5	384.4	40.1	344.3
Louisiana	-2	4,651.5	3,753.3	898.1	4,735.2	3,896.2	839.1
Mississippi	-9	5,754.1	4,487.9	1,266.3	6,322.0	4,769.3	1,552.7
North Carolina	-6	3,280.0	2,361.9	918.1	3,484.5	2,393.1	1,091.4
Oklahoma	-23	442.5	261.6	180.9	576.4	324.4	252.0
South Carolina	9	5,157.9	4,067.9	1,090.0	4,713.3	3,574.0	1,139.2
Tennessee	-1	1,676.2	593.1	1,083.1	1,690.5	554.2	1,136.3
Texas	-14	2,077.1	1,478.7	598.4	2,402.3	1,545.0	857.4
Virginia	4	2,774.5	1,600.8	1,173.6	2,655.8	1,432.4	1,223.4
All States	-2	50,108.4	37,508.3	12,600.1	50,986.4	37,086.8	13,899.5

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

Table A.4—Southern output of wood residues for pulp manufacture by State and species group, 2011 and 2010

State	Change from 2010 <i>percent</i>	2011			2010		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
<i>----- thousand cords -----</i>							
Alabama	-5	2,102.3	1,703.2	399.1	2,206.5	1,811.4	395.1
Arkansas	-9	957.7	817.6	140.0	1,046.8	918.7	128.1
Florida	-21	782.5	778.7	3.8	986.2	952.7	33.5
Georgia	-31	1,469.4	1,181.3	288.1	2,137.4	1,753.0	384.4
Kentucky	2	209.7	0.9	208.8	205.1	1.0	204.1
Louisiana	-20	930.3	757.4	172.8	1,167.1	1,037.4	129.7
Mississippi	10	1,401.5	1,097.5	304.0	1,274.6	968.5	306.2
North Carolina	-14	1,423.0	889.8	533.2	1,661.9	947.6	714.3
Oklahoma	297	28.9	28.9	0.0	7.3	6.2	1.1
South Carolina	-32	1,004.7	838.4	166.3	1,473.2	1,291.1	182.1
Tennessee	9	295.6	9.3	286.3	270.1	20.1	249.9
Texas	10	1,283.4	958.1	325.2	1,161.5	910.3	251.1
Virginia	-30	668.9	360.6	308.3	958.9	540.3	418.5
All States	-14	12,557.9	9,421.9	3,136.0	14,556.6	11,158.5	3,398.1

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

Table A.5—Pulpwood production in the South by source of wood, State, year, and number of mills

Source of wood and State	Year											
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
	<i>thousand green tons</i>											
Roundwood												
Alabama	21,537	20,575	21,537	19,222	20,535	20,913	21,331	21,540	21,140	19,296	21,738	21,352
Arkansas	8,009	7,582	7,720	7,751	9,134	8,551	8,476	8,406	8,370	7,899	8,956	8,874
Florida	9,802	9,619	9,397	10,096	9,250	7,950	8,345	8,933	8,102	9,931	9,468	9,912
Georgia	20,433	18,218	18,875	20,786	20,558	19,656	21,250	22,353	25,110	21,733	25,244	24,764
Kentucky	637	556	637	715	681	891	882	901	940	1,025	1,072	1,232
Louisiana	11,467	10,748	9,934	11,317	11,998	12,601	12,702	13,048	12,866	12,216	12,869	12,649
Mississippi	12,936	11,637	10,578	11,150	14,320	13,525	13,710	14,806	14,260	14,573	17,225	15,663
North Carolina	9,065	8,688	8,486	9,415	9,982	9,830	9,302	10,177	9,924	9,344	9,517	8,948
Oklahoma	1,272	1,118	1,669	1,466	1,216	1,214	1,206	1,262	1,602	1,382	1,581	1,213
South Carolina	10,501	10,284	10,416	10,706	11,769	12,256	11,957	11,834	12,677	12,995	12,840	14,035
Tennessee	4,891	4,685	4,284	4,463	4,098	4,458	4,361	4,314	4,200	4,249	4,678	4,634
Texas	4,195	5,843	5,720	7,124	7,327	7,179	6,202	6,473	7,614	6,432	6,572	5,668
Virginia	6,571	6,176	5,756	6,764	7,425	7,255	6,852	5,849	6,271	5,750	7,293	7,608
All States	121,316	115,729	115,009	120,974	128,292	126,280	126,575	129,897	133,075	126,825	139,053	136,553
Residues	53,898	51,340	52,603	41,039	40,711	42,982	44,367	43,936	44,075	35,407	35,212	30,390
Total	175,214	167,069	167,612	162,012	169,003	169,262	170,943	173,833	177,151	162,231	174,265	166,943
Number of mills	98	94	92	91	89	87	87	87	86	83	82	81

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

Table A.6—Roundwood pulpwood production in Alabama, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Autauga	71,589	52,719	18,870	195,177	142,341	52,836
Baldwin	159,656	135,095	24,561	433,528	364,757	68,771
Barbour	233,924	192,853	41,071	635,702	520,703	114,999
Bibb	142,288	113,173	29,115	387,089	305,567	81,522
Blount	33,053	10,253	22,800	91,523	27,683	63,840
Bullock	165,971	145,094	20,877	450,210	391,754	58,456
Butler	225,531	188,095	37,436	612,678	507,857	104,821
Calhoun	59,945	53,326	6,619	162,513	143,980	18,533
Chambers	121,194	97,340	23,854	329,609	262,818	66,791
Cherokee	127,272	108,657	18,615	345,496	293,374	52,122
Chilton	97,369	71,203	26,166	265,513	192,248	73,265
Choctaw	418,833	301,480	117,353	1,142,584	813,996	328,588
Clarke	486,661	346,338	140,323	1,328,017	935,113	392,904
Clay	101,558	93,256	8,302	275,037	251,791	23,246
Cleburne	109,069	101,612	7,457	295,232	274,352	20,880
Coffee	60,564	50,556	10,008	164,523	136,501	28,022
Colbert	56,114	37,515	18,599	153,368	101,291	52,077
Conecuh	164,740	130,212	34,528	448,250	351,572	96,678
Coosa	117,251	96,620	20,631	318,641	260,874	57,767
Covington	199,626	167,949	31,677	542,158	453,462	88,696
Crenshaw	151,209	109,469	41,740	412,438	295,566	116,872
Cullman	31,925	1,078	30,847	89,283	2,911	86,372
Dale	84,983	52,942	32,041	232,658	142,943	89,715
Dallas	196,513	131,684	64,829	537,068	355,547	181,521
De Kalb	44,809	31,268	13,541	122,339	84,424	37,915
Elmore	91,375	66,840	24,535	249,166	180,468	68,698
Escambia	129,319	112,442	16,877	350,849	303,593	47,256
Etowah	27,923	14,672	13,251	76,717	39,614	37,103
Fayette	37,838	20,520	17,318	103,894	55,404	48,490
Franklin	83,301	52,967	30,334	227,946	143,011	84,935
Geneva	72,936	62,619	10,317	197,959	169,071	28,888
Greene	99,524	52,403	47,121	273,427	141,488	131,939
Hale	105,186	42,946	62,240	290,226	115,954	174,272
Henry	89,505	55,860	33,645	245,028	150,822	94,206
Houston	27,655	18,553	9,102	75,579	50,093	25,486
Jackson	63,330	14,569	48,761	175,867	39,336	136,531
Jefferson	15,495	3,644	11,851	43,022	9,839	33,183
Lamar	50,954	35,821	15,133	139,089	96,717	42,372
Lauderdale	42,205	21,325	20,880	116,042	57,578	58,464
Lawrence	34,405	13,059	21,346	95,028	35,259	59,769
Lee	68,378	51,662	16,716	186,292	139,487	46,805
Limestone	15,346	2,978	12,368	42,671	8,041	34,630
Lowndes	134,400	102,881	31,519	366,032	277,779	88,253
Macon	115,236	81,147	34,089	314,546	219,097	95,449
Madison	15,101	3,796	11,305	41,903	10,249	31,654
Marengo	255,168	184,828	70,340	695,988	499,036	196,952
Marion	128,900	87,123	41,777	352,208	235,232	116,976
Marshall	18,909	1,901	17,008	52,755	5,133	47,622
Mobile	95,064	70,350	24,714	259,144	189,945	69,199
Monroe	268,968	203,191	65,777	732,792	548,616	184,176
Montgomery	97,693	74,113	23,580	266,129	200,105	66,024

continued

Table A.6—Roundwood pulpwood production in Alabama, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Morgan	27,074	6,893	20,181	75,118	18,611	56,507
Perry	123,066	77,731	45,335	336,812	209,874	126,938
Pickens	156,872	99,161	57,711	429,326	267,735	161,591
Pike	119,937	76,168	43,769	328,207	205,654	122,553
Randolph	92,393	83,339	9,054	250,366	225,015	25,351
Russell	96,499	81,371	15,128	262,060	219,702	42,358
St. Clair	70,882	42,540	28,342	194,216	114,858	79,358
Shelby	69,837	58,316	11,521	189,712	157,453	32,259
Sumter	214,296	161,529	52,767	583,876	436,128	147,748
Talladega	80,156	72,832	7,324	217,153	196,646	20,507
Tallapoosa	181,920	154,372	27,548	493,938	416,804	77,134
Tuscaloosa	92,379	33,467	58,912	255,315	90,361	164,954
Walker	26,605	14,783	11,822	73,016	39,914	33,102
Washington	253,983	170,744	83,239	694,078	461,009	233,069
Wilcox	327,770	251,714	76,056	892,585	679,628	212,957
Winston	49,433	28,918	20,515	135,521	78,079	57,442
All counties	7,828,863	5,685,875	2,142,988	21,352,232	15,351,863	6,000,369

^a Counties with no pulpwood production are omitted.

Table A.7—Roundwood pulpwood production in Arkansas, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Arkansas	21,585	1,495	20,090	60,289	4,037	56,252
Ashley	163,417	116,493	46,924	445,918	314,531	131,387
Baxter	125	0	125	350	0	350
Benton	27	27	0	73	73	0
Boone	1,855	0	1,855	5,194	0	5,194
Bradley	187,552	136,268	51,284	511,519	367,924	143,595
Calhoun	69,515	34,529	34,986	191,189	93,228	97,961
Carroll	10	0	10	28	0	28
Chicot	17,201	3,455	13,746	47,818	9,329	38,489
Clark	229,218	89,412	139,806	632,869	241,412	391,457
Clay	33	13	20	91	35	56
Cleburne	39,202	34,194	5,008	106,346	92,324	14,022
Cleveland	125,637	73,258	52,379	344,458	197,797	146,661
Columbia	92,812	72,950	19,862	252,579	196,965	55,614
Conway	55,735	48,085	7,650	151,250	129,830	21,420
Craighead	133	133	0	359	359	0
Crawford	10	10	0	27	27	0
Cross	871	0	871	2,439	0	2,439
Dallas	109,848	53,889	55,959	302,185	145,500	156,685
Desha	26,219	705	25,514	73,343	1,904	71,439
Drew	190,249	150,156	40,093	517,681	405,421	112,260
Faulkner	20,658	17,642	3,016	56,078	47,633	8,445
Franklin	656	457	199	1,791	1,234	557
Garland	16,462	13,945	2,517	44,700	37,652	7,048
Grant	149,085	115,042	34,043	405,933	310,613	95,320

continued

Table A.7—Roundwood pulpwood production in Arkansas, 2011 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Hempstead	117,700	76,041	41,659	321,956	205,311	116,645
Hot Spring	43,370	35,987	7,383	117,837	97,165	20,672
Howard	68,868	47,767	21,101	188,054	128,971	59,083
Independence	38,235	14,449	23,786	105,613	39,012	66,601
Izard	2,894	114	2,780	8,092	308	7,784
Jackson	728	29	699	2,035	78	1,957
Jefferson	74,182	47,778	26,404	202,932	129,001	73,931
Johnson	7,139	6,217	922	19,368	16,786	2,582
Lafayette	115,106	92,699	22,407	313,027	250,287	62,740
Lee	2,476	0	2,476	6,933	0	6,933
Lincoln	76,914	38,734	38,180	211,486	104,582	106,904
Little River	126,875	82,507	44,368	346,999	222,769	124,230
Logan	3,755	3,163	592	10,198	8,540	1,658
Lonoke	6,669	4,051	2,618	18,268	10,938	7,330
Madison	3,332	2,821	511	9,048	7,617	1,431
Marion	4,207	702	3,505	11,709	1,895	9,814
Miller	52,924	33,824	19,100	144,805	91,325	53,480
Monroe	2,762	1,255	1,507	7,609	3,389	4,220
Montgomery	3,134	2,643	491	8,511	7,136	1,375
Nevada	112,145	72,351	39,794	306,771	195,348	111,423
Newton	349	9	340	976	24	952
Ouachita	50,456	16,588	33,868	139,618	44,788	94,830
Perry	54,138	48,733	5,405	146,713	131,579	15,134
Phillips	1,932	0	1,932	5,410	0	5,410
Pike	82,445	70,128	12,317	223,834	189,346	34,488
Polk	28,994	18,745	10,249	79,309	50,612	28,697
Pope	52,209	26,101	26,108	143,575	70,473	73,102
Prairie	17,435	14,060	3,375	47,412	37,962	9,450
Pulaski	14,264	9,494	4,770	38,990	25,634	13,356
St. Francis	1,971	567	1,404	5,462	1,531	3,931
Saline	88,388	77,257	11,131	239,761	208,594	31,167
Scott	13,381	10,959	2,422	36,371	29,589	6,782
Searcy	10,837	1,904	8,933	30,153	5,141	25,012
Sebastian	1,036	730	306	2,828	1,971	857
Sevier	60,922	39,691	21,231	166,613	107,166	59,447
Sharp	48	0	48	134	0	134
Stone	8,843	1,909	6,934	24,569	5,154	19,415
Union	220,321	119,814	100,507	604,918	323,498	281,420
Van Buren	53,570	24,442	29,128	147,551	65,993	81,558
Washington	31	10	21	86	27	59
White	49,116	36,447	12,669	133,880	98,407	35,473
Woodruff	632	0	632	1,770	0	1,770
Yell	50,774	34,074	16,700	138,760	92,000	46,760
All counties	3,243,622	2,076,952	1,166,670	8,874,451	5,607,775	3,266,676

^a Counties with no pulpwood production are omitted.

Table A.8—Roundwood pulpwood production in Florida, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Alachua	69,456	65,359	4,097	187,941	176,469	11,472
Baker	68,696	64,503	4,193	185,898	174,158	11,740
Bay	144,244	143,052	1,192	389,578	386,240	3,338
Bradford	63,627	61,766	1,861	171,979	166,768	5,211
Brevard	148	130	18	401	351	50
Calhoun	86,457	79,327	7,130	234,147	214,183	19,964
Charlotte	161	161	0	435	435	0
Citrus	2,699	2,427	272	7,315	6,553	762
Clay	88,221	84,848	3,373	238,534	229,090	9,444
Columbia	107,442	106,744	698	290,163	288,209	1,954
Dixie	128,244	125,109	3,135	346,572	337,794	8,778
Duval	77,542	69,018	8,524	210,216	186,349	23,867
Escambia	53,304	52,264	1,040	144,025	141,113	2,912
Flagler	98,696	84,652	14,044	267,883	228,560	39,323
Franklin	24,105	23,903	202	65,104	64,538	566
Gadsden	54,164	41,063	13,101	147,553	110,870	36,683
Gilchrist	37,382	37,293	89	100,940	100,691	249
Gulf	285,138	284,685	453	769,918	768,650	1,268
Hamilton	107,251	106,787	464	289,624	288,325	1,299
Hernando	461	210	251	1,270	567	703
Highlands	1,216	1,216	0	3,283	3,283	0
Holmes	75,634	66,207	9,427	205,155	178,759	26,396
Jackson	60,675	48,499	12,176	165,040	130,947	34,093
Jefferson	107,186	104,999	2,187	289,621	283,497	6,124
Lafayette	186,508	185,528	980	503,670	500,926	2,744
Lake	1,540	1,240	300	4,188	3,348	840
Leon	27,250	26,091	1,159	73,691	70,446	3,245
Levy	170,993	149,826	21,167	463,798	404,530	59,268
Liberty	64,450	60,406	4,044	174,419	163,096	11,323
Madison	112,301	111,660	641	303,277	301,482	1,795
Marion	84,274	77,735	6,539	228,194	209,885	18,309
Nassau	261,666	258,745	2,921	706,791	698,612	8,179
Okaloosa	63,373	55,035	8,338	171,941	148,595	23,346
Orange	698	654	44	1,889	1,766	123
Pasco	415	404	11	1,122	1,091	31
Polk	4,592	3,953	639	12,462	10,673	1,789
Putnam	87,109	79,902	7,207	235,915	215,735	20,180
St. Johns	129,611	113,762	15,849	351,534	307,157	44,377
St. Lucie	5	5	0	14	14	0
Santa Rosa	71,208	67,453	3,755	192,637	182,123	10,514
Sarasota	8	8	0	22	22	0
Seminole	1,257	913	344	3,428	2,465	963
Sumter	8,071	7,729	342	21,826	20,868	958
Suwannee	129,122	128,458	664	348,696	346,837	1,859
Taylor	214,532	210,856	3,676	579,604	569,311	10,293
Union	40,440	38,637	1,803	109,368	104,320	5,048
Volusia	75,397	74,127	1,270	203,699	200,143	3,556
Wakulla	19,727	17,924	1,803	53,443	48,395	5,048
Walton	108,738	102,188	6,550	294,248	275,908	18,340
Washington	58,663	51,260	7,403	159,130	138,402	20,728
All counties	3,664,097	3,478,721	185,376	9,911,601	9,392,549	519,052

^a Counties with no pulpwood production are omitted.

Table A.9—Roundwood pulpwood production in Georgia, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Appling	165,822	144,313	21,509	449,870	389,645	60,225
Atkinson	32,490	19,663	12,827	89,006	53,090	35,916
Bacon	92,321	83,820	8,501	250,117	226,314	23,803
Baker	7,942	6,790	1,152	21,559	18,333	3,226
Baldwin	35,218	23,591	11,627	96,252	63,696	32,556
Banks	13,147	5,480	7,667	36,264	14,796	21,468
Barrow	429	94	335	1,192	254	938
Bartow	109,701	82,950	26,751	298,868	223,965	74,903
Ben Hill	8,245	7,648	597	22,322	20,650	1,672
Berrien	35,216	25,476	9,740	96,057	68,785	27,272
Bibb	11,732	6,891	4,841	32,161	18,606	13,555
Bleckley	35,926	29,714	6,212	97,622	80,228	17,394
Brantley	165,552	162,285	3,267	447,318	438,170	9,148
Brooks	23,990	23,216	774	64,850	62,683	2,167
Bryan	112,317	102,607	9,710	304,227	277,039	27,188
Bulloch	118,545	89,531	29,014	322,973	241,734	81,239
Burke	193,132	146,804	46,328	526,089	396,371	129,718
Butts	17,655	16,172	1,483	47,816	43,664	4,152
Calhoun	15,380	10,839	4,541	41,980	29,265	12,715
Camden	169,828	156,615	13,213	459,857	422,861	36,996
Candler	35,232	29,788	5,444	95,671	80,428	15,243
Carroll	91,329	79,477	11,852	247,774	214,588	33,186
Catoosa	12,129	5,532	6,597	33,408	14,936	18,472
Charlton	226,405	222,215	4,190	611,713	599,981	11,732
Chatham	32,617	27,465	5,152	88,582	74,156	14,426
Chattahoochee	20,746	16,992	3,754	56,389	45,878	10,511
Chattooga	56,874	40,376	16,498	155,209	109,015	46,194
Cherokee	32,060	24,791	7,269	87,289	66,936	20,353
Clarke	6,516	5,838	678	17,661	15,763	1,898
Clay	28,665	22,729	5,936	77,989	61,368	16,621
Clayton	911	692	219	2,481	1,868	613
Clinch	246,916	205,089	41,827	670,856	553,740	117,116
Cobb	1,714	1,403	311	4,659	3,788	871
Coffee	53,051	48,113	4,938	143,731	129,905	13,826
Colquitt	37,553	25,748	11,805	102,574	69,520	33,054
Columbia	34,205	21,325	12,880	93,642	57,578	36,064
Cook	11,861	8,826	3,035	32,328	23,830	8,498
Coweta	34,653	30,647	4,006	93,964	82,747	11,217
Crawford	58,671	49,263	9,408	159,352	133,010	26,342
Crisp	16,739	12,239	4,500	45,645	33,045	12,600
Dade	15,271	3,408	11,863	42,418	9,202	33,216
Dawson	19,262	16,027	3,235	52,331	43,273	9,058
Decatur	83,011	71,679	11,332	225,263	193,533	31,730
De Kalb	556	306	250	1,526	826	700
Dodge	84,699	65,371	19,328	230,620	176,502	54,118
Dooly	48,664	39,798	8,866	132,280	107,455	24,825
Dougherty	36,801	30,149	6,652	100,028	81,402	18,626
Douglas	4,025	3,705	320	10,900	10,004	896
Early	77,992	69,814	8,178	211,396	188,498	22,898
Echols	110,071	105,446	4,625	297,654	284,704	12,950
Effingham	139,694	113,871	25,823	379,756	307,452	72,304
Elbert	19,075	9,502	9,573	52,459	25,655	26,804
Emanuel	183,619	160,611	23,008	498,072	433,650	64,422
Evans	26,828	22,467	4,361	72,872	60,661	12,211

continued

Table A.9—Roundwood pulpwood production in Georgia, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Fannin	7,370	5,902	1,468	20,045	15,935	4,110
Fayette	1,587	748	839	4,369	2,020	2,349
Floyd	192,032	175,242	16,790	520,165	473,153	47,012
Forsyth	8,948	4,670	4,278	24,587	12,609	11,978
Franklin	9,247	1,997	7,250	25,692	5,392	20,300
Fulton	14,547	13,008	1,539	39,431	35,122	4,309
Gilmer	19,658	12,641	7,017	53,779	34,131	19,648
Glascock	22,004	16,688	5,316	59,943	45,058	14,885
Glynn	97,655	94,790	2,865	263,955	255,933	8,022
Gordon	28,789	22,928	5,861	78,317	61,906	16,411
Grady	63,829	54,487	9,342	173,273	147,115	26,158
Greene	60,885	39,009	21,876	166,577	105,324	61,253
Gwinnett	15,231	10,736	4,495	41,573	28,987	12,586
Habersham	5,183	3,132	2,051	14,199	8,456	5,743
Hall	6,513	2,774	3,739	17,959	7,490	10,469
Hancock	83,380	65,727	17,653	226,891	177,463	49,428
Haralson	126,938	102,308	24,630	345,196	276,232	68,964
Harris	95,066	80,065	15,001	258,179	216,176	42,003
Hart	5,129	2,050	3,079	14,156	5,535	8,621
Heard	95,112	91,284	3,828	257,185	246,467	10,718
Henry	19,720	10,898	8,822	54,127	29,425	24,702
Houston	56,059	47,491	8,568	152,216	128,226	23,990
Irwin	16,448	10,853	5,595	44,969	29,303	15,666
Jackson	11,988	3,349	8,639	33,231	9,042	24,189
Jasper	56,642	38,240	18,402	154,774	103,248	51,526
Jeff Davis	79,992	71,080	8,912	216,870	191,916	24,954
Jefferson	90,129	71,053	19,076	245,256	191,843	53,413
Jenkins	88,866	72,891	15,975	241,536	196,806	44,730
Johnson	69,547	56,656	12,891	189,066	152,971	36,095
Jones	59,172	46,405	12,767	161,042	125,294	35,748
Lamar	48,009	26,619	21,390	131,763	71,871	59,892
Lanier	13,625	12,524	1,101	36,898	33,815	3,083
Laurens	206,305	174,479	31,826	560,206	471,093	89,113
Lee	46,169	38,092	8,077	125,464	102,848	22,616
Liberty	119,102	103,556	15,546	323,130	279,601	43,529
Lincoln	20,723	13,767	6,956	56,648	37,171	19,477
Long	224,589	207,532	17,057	608,096	560,336	47,760
Lowndes	34,680	28,253	6,427	94,279	76,283	17,996
Lumpkin	9,122	6,967	2,155	24,845	18,811	6,034
Macon	57,089	52,090	4,999	154,640	140,643	13,997
Madison	6,365	996	5,369	17,722	2,689	15,033
Marion	67,482	64,025	3,457	182,548	172,868	9,680
McDuffie	49,481	37,645	11,836	134,783	101,642	33,141
McIntosh	173,432	161,047	12,385	469,505	434,827	34,678
Meriwether	107,244	94,519	12,725	290,831	255,201	35,630
Miller	17,151	12,804	4,347	46,743	34,571	12,172
Mitchell	33,158	28,648	4,510	89,978	77,350	12,628
Monroe	66,167	50,588	15,579	180,209	136,588	43,621
Montgomery	83,376	67,682	15,694	226,684	182,741	43,943
Morgan	33,301	25,452	7,849	90,697	68,720	21,977
Murray	57,745	40,112	17,633	157,674	108,302	49,372
Muscogee	3,308	2,537	771	9,009	6,850	2,159
Newton	14,308	9,306	5,002	39,132	25,126	14,006
Oconee	3,193	1,007	2,186	8,840	2,719	6,121

continued

Table A.9—Roundwood pulpwood production in Georgia, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Oglethorpe	21,552	14,135	7,417	58,933	38,165	20,768
Paulding	63,208	44,016	19,192	172,581	118,843	53,738
Peach	13,088	12,640	448	35,382	34,128	1,254
Pickens	21,246	15,911	5,335	57,898	42,960	14,938
Pierce	69,669	57,052	12,617	189,368	154,040	35,328
Pike	14,158	13,369	789	38,305	36,096	2,209
Polk	61,642	51,999	9,643	167,397	140,397	27,000
Pulaski	26,913	21,747	5,166	73,182	58,717	14,465
Putnam	48,473	37,936	10,537	131,931	102,427	29,504
Quitman	49,566	32,251	17,315	135,560	87,078	48,482
Rabun	7,329	3,345	3,984	20,187	9,032	11,155
Randolph	113,961	104,660	9,301	308,625	282,582	26,043
Richmond	33,443	25,623	7,820	91,078	69,182	21,896
Rockdale	1,710	1,206	504	4,667	3,256	1,411
Schley	32,043	30,816	1,227	86,639	83,203	3,436
Screven	132,182	105,292	26,890	359,580	284,288	75,292
Seminole	6,330	5,899	431	17,134	15,927	1,207
Spalding	10,584	9,576	1,008	28,677	25,855	2,822
Stephens	8,515	5,868	2,647	23,256	15,844	7,412
Stewart	162,666	154,015	8,651	440,064	415,841	24,223
Sumter	85,916	84,410	1,506	232,124	227,907	4,217
Talbot	93,945	83,238	10,707	254,723	224,743	29,980
Taliaferro	17,638	9,262	8,376	48,460	25,007	23,453
Tattnall	113,024	104,069	8,955	306,060	280,986	25,074
Taylor	40,501	38,674	1,827	109,536	104,420	5,116
Telfair	81,998	68,599	13,399	222,734	185,217	37,517
Terrell	48,866	46,462	2,404	132,178	125,447	6,731
Thomas	66,327	61,564	4,763	179,559	166,223	13,336
Tift	10,082	3,894	6,188	27,840	10,514	17,326
Toombs	96,287	80,537	15,750	261,550	217,450	44,100
Towns	2,616	0	2,616	7,325	0	7,325
Treutlen	43,875	39,007	4,868	118,949	105,319	13,630
Troup	94,694	59,968	34,726	259,147	161,914	97,233
Turner	10,324	7,462	2,862	28,161	20,147	8,014
Twiggs	88,365	70,019	18,346	240,420	189,051	51,369
Union	4,863	2,829	2,034	13,333	7,638	5,695
Upson	48,106	38,354	9,752	130,862	103,556	27,306
Walker	39,998	23,044	16,954	109,690	62,219	47,471
Walton	10,417	5,819	4,598	28,585	15,711	12,874
Ware	231,836	215,497	16,339	627,591	581,842	45,749
Warren	90,630	72,106	18,524	246,553	194,686	51,867
Washington	176,537	146,328	30,209	479,671	395,086	84,585
Wayne	161,463	148,914	12,549	437,205	402,068	35,137
Webster	23,527	21,126	2,401	63,763	57,040	6,723
Wheeler	73,622	63,963	9,659	199,745	172,700	27,045
White	2,540	1,170	1,370	6,995	3,159	3,836
Whitfield	19,675	16,918	2,757	53,399	45,679	7,720
Wilcox	16,595	10,056	6,539	45,460	27,151	18,309
Wilkes	55,585	39,854	15,731	151,653	107,606	44,047
Wilkinson	71,226	53,366	17,860	194,096	144,088	50,008
Worth	41,586	40,273	1,313	112,413	108,737	3,676
All counties	9,116,735	7,628,688	1,488,047	24,763,998	20,597,462	4,166,536

^a Counties with no pulpwood production are omitted.

Table A.10—Roundwood pulpwood production in Kentucky, 2011

County ^a	<i>standard cords</i>			<i>green tons</i>		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
Ballard	39,364	8,725	30,639	109,347	23,558	85,789
Bell	3,967	0	3,967	11,108	0	11,108
Boyd	747	0	747	2,092	0	2,092
Breckinridge	22,803	81	22,722	63,841	219	63,622
Butler	2,212	4	2,208	6,193	11	6,182
Caldwell	4,012	1,091	2,921	11,125	2,946	8,179
Campbell	8	0	8	22	0	22
Carlisle	6,159	128	6,031	17,233	346	16,887
Carter	92	0	92	258	0	258
Christian	577	388	189	1,577	1,048	529
Crittenden	12,111	2,906	9,205	33,620	7,846	25,774
Daviess	2,090	163	1,927	5,836	440	5,396
Edmonson	3,489	0	3,489	9,769	0	9,769
Fulton	527	0	527	1,476	0	1,476
Graves	8,384	1,706	6,678	23,304	4,606	18,698
Grayson	5,875	881	4,994	16,362	2,379	13,983
Green	236	0	236	661	0	661
Greenup	43,805	117	43,688	122,642	316	122,326
Hancock	96	66	30	262	178	84
Hardin	1,390	1,390	0	3,753	3,753	0
Harlan	3,651	0	3,651	10,223	0	10,223
Hickman	508	0	508	1,422	0	1,422
Hopkins	3,369	1,024	2,345	9,331	2,765	6,566
Jackson	1,572	0	1,572	4,402	0	4,402
Johnson	642	0	642	1,798	0	1,798
Knox	40,156	31	40,125	112,434	84	112,350
Laurel	51,901	251	51,650	145,298	678	144,620
Lawrence	10	0	10	28	0	28
Lewis	9,621	216	9,405	26,917	583	26,334
Livingston	4,338	1,976	2,362	11,949	5,335	6,614
Logan	386	0	386	1,081	0	1,081
Lyon	27,666	4,157	23,509	77,049	11,224	65,825
Marshall	976	50	926	2,728	135	2,593
Martin	49	0	49	137	0	137
McCracken	2,198	23	2,175	6,152	62	6,090
McCreary	20,641	425	20,216	57,753	1,148	56,605
McLean	268	0	268	750	0	750
Metcalfe	586	0	586	1,641	0	1,641
Muhlenberg	1,504	538	966	4,158	1,453	2,705
Ohio	62,973	3,214	59,759	176,003	8,678	167,325
Pulaski	62	0	62	174	0	174
Todd	1,142	0	1,142	3,198	0	3,198
Trigg	5,545	2,323	3,222	15,294	6,272	9,022
Union	861	0	861	2,411	0	2,411
Wayne	3,922	145	3,777	10,968	392	10,576
Webster	5,581	0	5,581	15,627	0	15,627
Whitley	33,178	715	32,463	92,827	1,931	90,896
All counties	441,250	32,734	408,516	1,232,234	88,386	1,143,848

^a Counties with no pulpwood production are omitted.

Table A.11—Roundwood pulpwood production in Louisiana, 2011

Parish ^a	<i>standard cords</i>			<i>green tons</i>		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
Acadia	53	43	10	144	116	28
Allen	161,258	151,291	9,967	436,394	408,486	27,908
Ascension	4,076	1,456	2,620	11,267	3,931	7,336
Assumption	4,824	0	4,824	13,507	0	13,507
Avoyelles	13,828	3,541	10,287	38,365	9,561	28,804
Beauregard	419,616	408,551	11,065	1,134,070	1,103,088	30,982
Bienville	148,156	120,059	28,097	402,831	324,159	78,672
Bossier	213,505	162,131	51,374	581,601	437,754	143,847
Caddo	56,258	29,974	26,284	154,525	80,930	73,595
Calcasieu	93,210	93,192	18	251,668	251,618	50
Caldwell	132,821	121,763	11,058	359,722	328,760	30,962
Catahoula	17,646	14,508	3,138	47,958	39,172	8,786
Claiborne	139,778	103,599	36,179	381,018	279,717	101,301
Concordia	35,529	51	35,478	99,476	138	99,338
De Soto	171,100	137,612	33,488	465,318	371,552	93,766
East Baton Rouge	36,728	14,012	22,716	101,437	37,832	63,605
East Carroll	32,993	38	32,955	92,377	103	92,274
East Feliciana	86,696	72,887	13,809	235,460	196,795	38,665
Evangeline	16,082	15,459	623	43,483	41,739	1,744
Franklin	11,283	9,510	1,773	30,641	25,677	4,964
Grant	87,441	73,775	13,666	237,458	199,193	38,265
Iberia	123	0	123	344	0	344
Iberville	10,401	59	10,342	29,117	159	28,958
Jackson	112,679	87,798	24,881	306,722	237,055	69,667
Jefferson	12	12	0	32	32	0
Jefferson Davis	1,498	1,498	0	4,045	4,045	0
Lafayette	433	412	21	1,171	1,112	59
Lafourche	781	0	781	2,187	0	2,187
La Salle	189,228	173,664	15,564	512,472	468,893	43,579
Lincoln	67,910	54,410	13,500	184,707	146,907	37,800
Livingston	96,668	65,172	31,496	264,153	175,964	88,189
Madison	10,041	33	10,008	28,111	89	28,022
Morehouse	52,282	31,937	20,345	143,196	86,230	56,966
Natchitoches	236,521	203,892	32,629	641,869	550,508	91,361
Ouachita	79,518	63,220	16,298	216,328	170,694	45,634
Pointe Coupee	53,883	43	53,840	150,868	116	150,752
Rapides	113,919	100,885	13,034	308,885	272,390	36,495
Red River	53,456	41,353	12,103	145,541	111,653	33,888
Richland	5,321	602	4,719	14,838	1,625	13,213
Sabine	224,210	206,026	18,184	607,185	556,270	50,915
St. Bernard	22	22	0	59	59	0
St. Charles	11	11	0	30	30	0
St. Helena	58,410	48,596	9,814	158,688	131,209	27,479
St. James	180	10	170	503	27	476
St. Landry	26,967	3,667	23,300	75,141	9,901	65,240
St. Martin	6,217	0	6,217	17,408	0	17,408
St. Mary	9	0	9	25	0	25
St. Tammany	67,830	67,718	112	183,153	182,839	314
Tangipahoa	195,625	171,923	23,702	530,558	464,192	66,366
Tensas	12,005	147	11,858	33,599	397	33,202
Terrebonne	1,777	0	1,777	4,976	0	4,976
Union	306,068	219,499	86,569	835,040	592,647	242,393

continued

Table A.11—Roundwood pulpwood production in Louisiana, 2011 (continued)

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Vernon	298,110	278,195	19,915	806,889	751,127	55,762
Washington	91,876	91,032	844	248,149	245,786	2,363
Webster	100,067	86,887	13,180	271,499	234,595	36,904
West Baton Rouge	2,994	61	2,933	8,377	165	8,212
West Carroll	4,939	4,397	542	13,390	11,872	1,518
West Feliciana	33,662	21,063	12,599	92,147	56,870	35,277
Winn	252,945	195,642	57,303	688,681	528,233	160,448
All parishes	4,651,479	3,753,338	898,141	12,648,803	10,134,012	2,514,791

^a Parishes with no pulpwood production are omitted.

Table A.12—Roundwood pulpwood production in Mississippi, 2011

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	11,054	5,394	5,660	30,412	14,564	15,848
Alcorn	21,133	15,926	5,207	57,580	43,000	14,580
Amite	67,588	44,778	22,810	184,769	120,901	63,868
Attala	116,850	101,457	15,393	317,034	273,934	43,100
Benton	29,981	19,579	10,402	81,989	52,863	29,126
Bolivar	5,597	1,191	4,406	15,553	3,216	12,337
Calhoun	59,822	52,750	7,072	162,227	142,425	19,802
Carroll	108,556	90,054	18,502	294,952	243,146	51,806
Chickasaw	35,227	27,085	8,142	95,928	73,130	22,798
Choctaw	84,758	77,255	7,503	229,597	208,589	21,008
Claiborne	71,646	31,471	40,175	197,462	84,972	112,490
Clarke	183,835	150,375	33,460	499,701	406,013	93,688
Clay	49,185	28,950	20,235	134,823	78,165	56,658
Coahoma	1,455	11	1,444	4,073	30	4,043
Copiah	169,406	143,840	25,566	459,953	388,368	71,585
Covington	77,868	63,371	14,497	211,694	171,102	40,592
De Soto	2,126	2,013	113	5,751	5,435	316
Forrest	46,777	38,956	7,821	127,080	105,181	21,899
Franklin	142,240	129,012	13,228	385,370	348,332	37,038
George	36,178	34,430	1,748	97,855	92,961	4,894
Greene	189,780	162,427	27,353	515,141	438,553	76,588
Grenada	49,309	36,841	12,468	134,381	99,471	34,910
Hancock	39,678	39,678	0	107,131	107,131	0
Harrison	36,588	36,588	0	98,788	98,788	0
Hinds	98,379	66,335	32,044	268,828	179,105	89,723
Holmes	84,150	56,205	27,945	230,000	151,754	78,246
Humphreys	10,426	43	10,383	29,188	116	29,072
Issaquena	16,087	20	16,067	45,042	54	44,988
Itawamba	47,406	26,547	20,859	130,082	71,677	58,405
Jackson	50,179	48,085	2,094	135,693	129,830	5,863
Jasper	113,551	104,400	9,151	307,503	281,880	25,623
Jefferson	36,789	29,301	7,488	100,079	79,113	20,966
Jefferson Davis	51,295	51,268	27	138,500	138,424	76
Jones	158,300	135,573	22,727	429,683	366,047	63,636

continued

Table A.12—Roundwood pulpwood production in Mississippi, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Kemper	178,270	117,876	60,394	487,368	318,265	169,103
Lafayette	97,040	70,701	26,339	264,642	190,893	73,749
Lamar	69,146	69,106	40	186,698	186,586	112
Lauderdale	179,119	127,938	51,181	488,740	345,433	143,307
Lawrence	65,402	61,725	3,677	176,954	166,658	10,296
Leake	65,450	59,939	5,511	177,266	161,835	15,431
Lee	2,522	1,136	1,386	6,948	3,067	3,881
Leflore	3,968	29	3,939	11,107	78	11,029
Lincoln	223,395	222,110	1,285	603,295	599,697	3,598
Lowndes	26,497	19,687	6,810	72,223	53,155	19,068
Madison	111,906	98,809	13,097	303,456	266,784	36,672
Marion	253,400	201,783	51,617	689,342	544,814	144,528
Marshall	25,652	14,923	10,729	70,333	40,292	30,041
Monroe	59,880	30,055	29,825	164,659	81,149	83,510
Montgomery	85,712	45,284	40,428	235,465	122,267	113,198
Neshoba	57,959	35,959	22,000	158,689	97,089	61,600
Newton	79,898	62,777	17,121	217,437	169,498	47,939
Noxubee	108,448	90,099	18,349	294,644	243,267	51,377
Oktibbeha	55,129	53,109	2,020	149,050	143,394	5,656
Panola	48,766	31,895	16,871	133,356	86,117	47,239
Pearl River	62,615	57,795	4,820	169,543	156,047	13,496
Perry	86,521	85,140	1,381	233,745	229,878	3,867
Pike	20,552	20,265	287	55,520	54,716	804
Pontotoc	33,952	25,236	8,716	92,542	68,137	24,405
Prentiss	18,760	10,934	7,826	51,435	29,522	21,913
Quitman	1,244	0	1,244	3,483	0	3,483
Rankin	104,044	94,138	9,906	281,910	254,173	27,737
Scott	134,858	82,860	51,998	369,316	223,722	145,594
Sharkey	6,638	0	6,638	18,586	0	18,586
Simpson	127,798	95,308	32,490	348,304	257,332	90,972
Smith	97,638	96,814	824	263,705	261,398	2,307
Stone	62,097	62,046	51	167,667	167,524	143
Sunflower	1,165	10	1,155	3,261	27	3,234
Tallahatchie	16,107	8,010	8,097	44,299	21,627	22,672
Tate	4,294	3,804	490	11,643	10,271	1,372
Tippah	35,779	20,482	15,297	98,133	55,301	42,832
Tishomingo	120,770	62,049	58,721	331,951	167,532	164,419
Tunica	425	0	425	1,190	0	1,190
Union	29,005	19,771	9,234	79,237	53,382	25,855
Walthall	23,612	23,592	20	63,754	63,698	56
Warren	33,079	1,450	31,629	92,476	3,915	88,561
Washington	15,218	52	15,166	42,605	140	42,465
Wayne	167,773	149,458	18,315	454,819	403,537	51,282
Webster	89,650	82,905	6,745	242,730	223,844	18,886
Wilkinson	95,529	58,329	37,200	261,648	157,488	104,160
Winston	170,034	92,141	77,893	466,881	248,781	218,100
Yalobusha	50,049	42,008	8,041	135,937	113,422	22,515
Yazoo	44,171	27,122	17,049	120,966	73,229	47,737
All counties	5,754,135	4,487,868	1,266,267	15,662,800	12,117,251	3,545,549

^a Counties with no pulpwood production are omitted.

Table A.13—Roundwood pulpwood production in North Carolina, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Alamance	7,736	564	7,172	21,605	1,523	20,082
Alexander	994	173	821	2,766	467	2,299
Alleghany	5,028	10	5,018	14,077	27	14,050
Anson	86,064	77,233	8,831	233,256	208,529	24,727
Ashe	5,389	398	4,991	15,050	1,075	13,975
Beaufort	135,787	117,380	18,407	368,466	316,926	51,540
Bertie	109,648	105,255	4,393	296,489	284,189	12,300
Bladen	107,250	78,666	28,584	292,433	212,398	80,035
Brunswick	101,550	81,064	20,486	276,234	218,873	57,361
Buncombe	6,825	2,464	4,361	18,864	6,653	12,211
Burke	23,629	8,041	15,588	65,357	21,711	43,646
Cabarrus	4,444	3,674	770	12,076	9,920	2,156
Caldwell	6,196	993	5,203	17,249	2,681	14,568
Camden	13,579	10,770	2,809	36,944	29,079	7,865
Carteret	27,962	20,933	7,029	76,200	56,519	19,681
Caswell	16,061	1,167	14,894	44,854	3,151	41,703
Catawba	3,917	2,286	1,631	10,739	6,172	4,567
Chatham	3,890	2,470	1,420	10,645	6,669	3,976
Cherokee	33,303	11,828	21,475	92,066	31,936	60,130
Chowan	6,842	6,842	0	18,473	18,473	0
Clay	15,010	5,544	9,466	41,474	14,969	26,505
Cleveland	38,116	13,772	24,344	105,347	37,184	68,163
Columbus	102,785	76,656	26,129	280,132	206,971	73,161
Craven	76,809	60,155	16,654	209,050	162,419	46,631
Cumberland	59,956	46,792	13,164	163,197	126,338	36,859
Currituck	35,914	27,732	8,182	97,786	74,876	22,910
Dare	477	477	0	1,288	1,288	0
Davidson	7,774	2,027	5,747	21,565	5,473	16,092
Davie	3,975	776	3,199	11,052	2,095	8,957
Duplin	76,246	47,408	28,838	208,748	128,002	80,746
Durham	1,246	135	1,111	3,476	365	3,111
Edgecombe	46,989	37,019	9,970	127,867	99,951	27,916
Forsyth	4,649	448	4,201	12,973	1,210	11,763
Franklin	47,482	39,632	7,850	128,986	107,006	21,980
Gaston	11,242	10,961	281	30,382	29,595	787
Gates	56,279	53,845	2,434	152,197	145,382	6,815
Graham	7,263	0	7,263	20,336	0	20,336
Granville	19,530	6,495	13,035	54,035	17,537	36,498
Greene	36,595	28,761	7,834	99,590	77,655	21,935
Guilford	4,446	607	3,839	12,388	1,639	10,749
Halifax	112,899	97,235	15,664	306,394	262,535	43,859
Harnett	29,620	21,503	8,117	80,786	58,058	22,728
Haywood	19,354	3,011	16,343	53,890	8,130	45,760
Hertford	34,999	34,228	771	94,575	92,416	2,159
Hoke	30,678	30,469	209	82,851	82,266	585
Hyde	32,620	32,239	381	88,112	87,045	1,067
Iredell	6,928	2,790	4,138	19,119	7,533	11,586
Johnston	34,582	23,078	11,504	94,522	62,311	32,211
Jones	87,644	75,239	12,405	237,879	203,145	34,734
Lee	9,050	6,252	2,798	24,714	16,880	7,834
Lenoir	41,024	24,714	16,310	112,396	66,728	45,668
Lincoln	7,331	4,905	2,426	20,037	13,244	6,793

continued

Table A.13—Roundwood pulpwood production in North Carolina, 2011 (continued)

County ^a	standard cords			green tons		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
Macon	12,620	4,091	8,529	34,927	11,046	23,881
Madison	1,284	0	1,284	3,595	0	3,595
Martin	70,372	63,053	7,319	190,736	170,243	20,493
McDowell	26,491	9,776	16,715	73,197	26,395	46,802
Mecklenburg	2,742	2,251	491	7,453	6,078	1,375
Montgomery	40,543	40,482	61	109,472	109,301	171
Moore	35,889	28,701	7,188	97,619	77,493	20,126
Nash	35,603	24,793	10,810	97,209	66,941	30,268
New Hanover	2,233	1,402	831	6,112	3,785	2,327
Northampton	99,149	88,761	10,388	268,741	239,655	29,086
Onslow	95,152	83,107	12,045	258,115	224,389	33,726
Orange	3,462	747	2,715	9,619	2,017	7,602
Pamlico	38,547	31,609	6,938	104,770	85,344	19,426
Pasquotank	9,604	9,604	0	25,931	25,931	0
Pender	81,513	62,912	18,601	221,945	169,862	52,083
Perquimans	18,124	15,027	3,097	49,245	40,573	8,672
Person	12,153	27	12,126	34,026	73	33,953
Pitt	90,882	71,491	19,391	247,321	193,026	54,295
Polk	19,622	9,829	9,793	53,958	26,538	27,420
Randolph	12,469	2,479	9,990	34,665	6,693	27,972
Richmond	43,469	42,584	885	117,455	114,977	2,478
Robeson	89,500	72,557	16,943	243,344	195,904	47,440
Rockingham	49,605	9,884	39,721	137,906	26,687	111,219
Rowan	18,270	4,426	13,844	50,713	11,950	38,763
Rutherford	102,472	11,931	90,541	285,729	32,214	253,515
Sampson	70,700	40,408	30,292	193,920	109,102	84,818
Scotland	15,075	14,998	77	40,711	40,495	216
Stanly	11,728	10,510	1,218	31,787	28,377	3,410
Stokes	13,431	3,057	10,374	37,301	8,254	29,047
Surry	10,290	1,215	9,075	28,691	3,281	25,410
Tyrrell	8,504	8,504	0	22,961	22,961	0
Union	20,264	15,652	4,612	55,174	42,260	12,914
Vance	23,979	16,544	7,435	65,487	44,669	20,818
Wake	14,195	10,916	3,279	38,654	29,473	9,181
Warren	92,033	81,136	10,897	249,579	219,067	30,512
Washington	13,917	13,124	793	37,655	35,435	2,220
Watauga	990	40	950	2,768	108	2,660
Wayne	26,393	18,128	8,265	72,088	48,946	23,142
Wilkes	36,507	2,296	34,211	101,990	6,199	95,791
Wilson	93,836	85,599	8,237	254,181	231,117	23,064
Yadkin	9,368	1,135	8,233	26,117	3,065	23,052
Yancey	1,426	0	1,426	3,993	0	3,993
All counties	3,280,012	2,361,902	918,110	8,947,847	6,377,141	2,570,706

^a Counties with no pulpwood production are omitted.

Table A.14—Roundwood pulpwood production in Oklahoma, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Adair	1,730	1,422	308	4,701	3,839	862
Atoka	7,019	2,313	4,706	19,422	6,245	13,177
Bryan	3,863	221	3,642	10,795	597	10,198
Cherokee	6,726	1,165	5,561	18,717	3,146	15,571
Choctaw	25,850	7,315	18,535	71,649	19,751	51,898
Hughes	6,246	9	6,237	17,488	24	17,464
Johnston	2,568	61	2,507	7,185	165	7,020
Latimer	1,438	276	1,162	3,999	745	3,254
Le Flore	45,965	16,222	29,743	127,079	43,799	83,280
Marshall	11	11	0	30	30	0
McClain	164	0	164	459	0	459
McCurtain	201,013	164,024	36,989	546,434	442,865	103,569
Pittsburg	9,002	1,025	7,977	25,104	2,768	22,336
Pushmataha	130,383	67,455	62,928	358,327	182,129	176,198
Sequoyah	509	91	418	1,416	246	1,170
All counties	442,487	261,610	180,877	1,212,805	706,349	506,456

^a Counties with no pulpwood production are omitted.

Table A.15—Roundwood pulpwood production in South Carolina, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Abbeville	42,835	29,522	13,313	116,985	79,709	37,276
Aiken	72,568	51,108	21,460	198,080	137,992	60,088
Allendale	38,937	24,413	14,524	106,582	65,915	40,667
Anderson	12,860	7,195	5,665	35,289	19,427	15,862
Bamberg	50,830	37,781	13,049	138,546	102,009	36,537
Barnwell	66,774	58,589	8,185	181,108	158,190	22,918
Beaufort	44,876	35,952	8,924	122,057	97,070	24,987
Berkeley	277,408	239,850	37,558	752,757	647,595	105,162
Calhoun	112,912	103,852	9,060	305,768	280,400	25,368
Charleston	81,055	65,803	15,252	220,374	177,668	42,706
Cherokee	18,531	16,308	2,223	50,256	44,032	6,224
Chester	128,367	98,806	29,561	349,547	266,776	82,771
Chesterfield	97,011	71,025	25,986	264,529	191,768	72,761
Clarendon	117,562	88,618	28,944	320,312	239,269	81,043
Colleton	205,988	165,418	40,570	560,225	446,629	113,596
Darlington	46,367	32,224	14,143	126,605	87,005	39,600
Dillon	93,254	60,910	32,344	255,020	164,457	90,563
Dorchester	192,107	168,776	23,331	521,022	455,695	65,327
Edgefield	139,516	119,881	19,635	378,657	323,679	54,978
Fairfield	250,788	230,370	20,418	679,169	621,999	57,170
Florence	123,942	85,318	38,624	338,506	230,359	108,147
Georgetown	184,494	156,475	28,019	500,936	422,483	78,453
Greenville	28,942	17,231	11,711	79,315	46,524	32,791
Greenwood	72,358	56,679	15,679	196,934	153,033	43,901
Hampton	178,869	132,787	46,082	487,555	358,525	129,030
Horry	146,741	120,285	26,456	398,847	324,770	74,077
Jasper	145,625	120,670	24,955	395,683	325,809	69,874
Kershaw	193,950	156,257	37,693	527,434	421,894	105,540
Lancaster	142,805	124,895	17,910	387,365	337,217	50,148
Laurens	39,107	25,707	13,400	106,929	69,409	37,520
Lee	70,953	48,340	22,613	193,834	130,518	63,316
Lexington	50,762	38,809	11,953	138,252	104,784	33,468
Marion	68,464	44,262	24,202	187,273	119,507	67,766
Marlboro	86,269	73,287	12,982	234,225	197,875	36,350
McCormick	51,087	43,210	7,877	138,723	116,667	22,056
Newberry	178,708	148,168	30,540	485,566	400,054	85,512
Oconee	40,824	27,192	13,632	111,588	73,418	38,170
Orangeburg	205,081	147,737	57,344	559,453	398,890	160,563
Pickens	19,069	8,055	11,014	52,588	21,749	30,839
Richland	119,327	89,183	30,144	325,197	240,794	84,403
Saluda	127,612	112,641	14,971	346,050	304,131	41,919
Spartanburg	35,361	16,677	18,684	97,343	45,028	52,315
Sumter	152,966	84,093	68,873	419,895	227,051	192,844
Union	242,987	212,191	30,796	659,145	572,916	86,229
Williamsburg	290,419	228,701	61,718	790,303	617,493	172,810
York	70,675	42,681	27,994	193,622	115,239	78,383
All counties	5,157,943	4,067,932	1,090,011	14,035,449	10,983,421	3,052,028

^a Counties with no pulpwood production are omitted.

Table A.16—Roundwood pulpwood production in Tennessee, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Anderson	28,394	1,218	27,176	79,382	3,289	76,093
Benton	90,303	34,679	55,624	249,380	93,633	155,747
Bledsoe	24,665	10,621	14,044	68,000	28,677	39,323
Blount	8,880	4,171	4,709	24,447	11,262	13,185
Bradley	12,360	4,113	8,247	34,197	11,105	23,092
Campbell	52,329	3,147	49,182	146,207	8,497	137,710
Cannon	224	0	224	627	0	627
Carroll	31,883	6,233	25,650	88,649	16,829	71,820
Carter	7	0	7	20	0	20
Cheatham	869	0	869	2,433	0	2,433
Chester	35,273	9,199	26,074	97,844	24,837	73,007
Claiborne	27,399	0	27,399	76,717	0	76,717
Cocke	5,435	253	5,182	15,193	683	14,510
Coffee	3,173	461	2,712	8,839	1,245	7,594
Crockett	40	31	9	109	84	25
Cumberland	27,888	3,902	23,986	77,696	10,535	67,161
Decatur	16,069	7,994	8,075	44,194	21,584	22,610
DeKalb	4,292	0	4,292	12,018	0	12,018
Dickson	36,483	785	35,698	102,074	2,120	99,954
Fayette	9,295	3,867	5,428	25,639	10,441	15,198
Fentress	26,416	4,495	21,921	73,516	12,137	61,379
Franklin	12,005	757	11,248	33,538	2,044	31,494
Gibson	805	408	397	2,214	1,102	1,112
Giles	8,165	1,465	6,700	22,716	3,956	18,760
Grainger	4,140	0	4,140	11,592	0	11,592
Grundy	23,943	5,404	18,539	66,500	14,591	51,909
Hamblen	910	0	910	2,548	0	2,548
Hamilton	28,950	20,301	8,649	79,030	54,813	24,217
Hardeman	32,024	11,122	20,902	88,555	30,029	58,526
Hardin	59,004	35,606	23,398	161,650	96,136	65,514
Hawkins	14,191	0	14,191	39,735	0	39,735
Haywood	645	69	576	1,799	186	1,613
Henderson	26,380	10,472	15,908	72,816	28,274	44,542
Henry	14,145	4,153	9,992	39,191	11,213	27,978
Hickman	29,515	362	29,153	82,605	977	81,628
Houston	13,627	4,973	8,654	37,658	13,427	24,231
Humphreys	61,322	71	61,251	171,695	192	171,503
Jefferson	999	34	965	2,794	92	2,702
Johnson	1,315	0	1,315	3,682	0	3,682
Knox	3,170	2,062	1,108	8,669	5,567	3,102
Lake	10	0	10	28	0	28
Lauderdale	20	0	20	56	0	56
Lawrence	52,109	25,818	26,291	143,324	69,709	73,615
Lewis	22,675	3,621	19,054	63,128	9,777	53,351
Lincoln	5,180	42	5,138	14,499	113	14,386
Loudon	1,664	549	1,115	4,604	1,482	3,122
Madison	9,928	1,079	8,849	27,690	2,913	24,777
Marion	45,383	14,956	30,427	125,577	40,381	85,196
Marshall	11,409	111	11,298	31,934	300	31,634
Maury	297	0	297	832	0	832
McMinn	58,048	37,924	20,124	158,742	102,395	56,347
McNairy	75,124	49,929	25,195	205,354	134,808	70,546

continued

Table A.16—Roundwood pulpwood production in Tennessee, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Meigs	8,787	3,809	4,978	24,222	10,284	13,938
Monroe	21,690	5,138	16,552	60,219	13,873	46,346
Montgomery	246	166	80	672	448	224
Moore	954	0	954	2,671	0	2,671
Morgan	16,072	3,917	12,155	44,610	10,576	34,034
Obion	503	0	503	1,408	0	1,408
Overton	6,860	600	6,260	19,148	1,620	17,528
Perry	38,641	2,896	35,745	107,905	7,819	100,086
Polk	18,952	6,035	12,917	52,463	16,295	36,168
Putnam	6,086	628	5,458	16,978	1,696	15,282
Rhea	42,490	35,221	7,269	115,450	95,097	20,353
Roane	7,012	3,161	3,851	19,318	8,535	10,783
Robertson	24	0	24	67	0	67
Rutherford	322	0	322	902	0	902
Scott	66,236	41	66,195	185,457	111	185,346
Sequatchie	43,211	34,969	8,242	117,494	94,416	23,078
Sevier	208	199	9	562	537	25
Shelby	2,463	2,055	408	6,691	5,549	1,142
Smith	1,171	0	1,171	3,279	0	3,279
Stewart	85,270	50,091	35,179	233,747	135,246	98,501
Tipton	39	0	39	109	0	109
Union	2,550	485	2,065	7,092	1,310	5,782
Van Buren	32,259	17,931	14,328	88,532	48,414	40,118
Warren	17,028	3,121	13,907	47,367	8,427	38,940
Washington	38,588	0	38,588	108,046	0	108,046
Wayne	108,734	64,314	44,420	298,024	173,648	124,376
Weakley	6,349	1,410	4,939	17,636	3,807	13,829
White	41,057	30,442	10,615	111,915	82,193	29,722
Williamson	3,629	0	3,629	10,161	0	10,161
All counties	1,676,210	593,086	1,083,124	4,634,081	1,601,336	3,032,745

^a Counties with no pulpwood production are omitted.

Table A.17—Roundwood pulpwood production in Texas, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Anderson	3,164	3,092	72	8,550	8,348	202
Angelina	63,134	46,765	16,369	172,099	126,266	45,833
Bastrop	22	22	0	59	59	0
Bowie	98,302	46,438	51,864	270,602	125,383	145,219
Camp	9,121	5,393	3,728	24,999	14,561	10,438
Cass	209,338	105,206	104,132	575,626	284,056	291,570
Cherokee	38,659	25,507	13,152	105,695	68,869	36,826
Delta	2,805	0	2,805	7,854	0	7,854
Fannin	348	0	348	974	0	974
Franklin	3,166	2,541	625	8,611	6,861	1,750
Gregg	3,364	2,409	955	9,178	6,504	2,674
Grimes	1,581	1,581	0	4,269	4,269	0
Hardin	108,947	94,566	14,381	295,595	255,328	40,267
Harris	1,853	1,673	180	5,021	4,517	504
Harrison	93,984	71,448	22,536	256,011	192,910	63,101
Henderson	4,779	4,162	617	12,965	11,237	1,728
Hopkins	3,477	911	2,566	9,645	2,460	7,185
Houston	8,613	3,085	5,528	23,808	8,330	15,478
Jasper	215,566	202,742	12,824	583,310	547,403	35,907
Jefferson	4,337	4,337	0	11,710	11,710	0
Lamar	9,409	9	9,400	26,344	24	26,320
Liberty	43,940	29,569	14,371	120,075	79,836	40,239
Marion	81,150	51,795	29,355	222,041	139,847	82,194
Montgomery	10,963	3,888	7,075	30,308	10,498	19,810
Morris	20,064	13,913	6,151	54,788	37,565	17,223
Nacogdoches	66,800	38,962	27,838	183,143	105,197	77,946
Newton	206,363	193,386	12,977	558,478	522,142	36,336
Orange	50,294	47,420	2,874	136,081	128,034	8,047
Panola	62,511	48,459	14,052	170,185	130,839	39,346
Polk	31,145	26,712	4,433	84,534	72,122	12,412
Rains	712	0	712	1,994	0	1,994
Red River	95,392	32,126	63,266	263,885	86,740	177,145
Rusk	11,959	7,930	4,029	32,692	21,411	11,281
Sabine	29,917	26,850	3,067	81,083	72,495	8,588
San Augustine	91,482	83,626	7,856	247,787	225,790	21,997
San Jacinto	13,613	3,221	10,392	37,795	8,697	29,098
Shelby	36,342	29,208	7,134	98,837	78,862	19,975
Smith	25,281	10,663	14,618	69,720	28,790	40,930
Titus	22,856	7,102	15,754	63,286	19,175	44,111
Trinity	20,005	19,729	276	54,041	53,268	773
Tyler	178,610	155,903	22,707	484,518	420,938	63,580
Upshur	45,519	18,613	26,906	125,592	50,255	75,337
Van Zandt	4,334	256	4,078	12,109	691	11,418
Walker	6,563	814	5,749	18,295	2,198	16,097
Waller	36	36	0	97	97	0
Wood	37,292	6,675	30,617	103,751	18,023	85,728
All counties	2,077,112	1,478,743	598,369	5,668,040	3,992,605	1,675,435

^a Counties with no pulpwood production are omitted.

TableA.18—Roundwood pulpwood production in Virginia, 2011

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Accomack	831	802	29	2,246	2,165	81
Albemarle	32,199	19,012	13,187	88,256	51,332	36,924
Alleghany	26,194	2,502	23,692	73,093	6,755	66,338
Amelia	54,901	34,638	20,263	150,259	93,523	56,736
Amherst	39,777	18,499	21,278	109,525	49,947	59,578
Appomattox	60,300	34,853	25,447	165,355	94,103	71,252
Augusta	6,573	1,444	5,129	18,260	3,899	14,361
Bath	12,512	1,299	11,213	34,903	3,507	31,396
Bedford	27,586	4,588	22,998	76,782	12,388	64,394
Bland	2,027	98	1,929	5,666	265	5,401
Botetourt	30,015	10,219	19,796	83,020	27,591	55,429
Brunswick	152,206	125,856	26,350	413,591	339,811	73,780
Buchanan	1,999	12	1,987	5,596	32	5,564
Buckingham	147,958	90,220	57,738	405,260	243,594	161,666
Campbell	23,740	9,588	14,152	65,514	25,888	39,626
Caroline	70,957	42,377	28,580	194,442	114,418	80,024
Carroll	6,027	933	5,094	16,782	2,519	14,263
Charles City	22,120	16,725	5,395	60,264	45,158	15,106
Charlotte	37,192	5,374	31,818	103,600	14,510	89,090
Chesapeake	24,341	14,981	9,360	66,657	40,449	26,208
Chesterfield	39,550	26,999	12,551	108,040	72,897	35,143
Clarke	534	31	503	1,492	84	1,408
Craig	10,693	1,615	9,078	29,779	4,361	25,418
Culpeper	14,696	12,943	1,753	39,854	34,946	4,908
Cumberland	63,462	40,148	23,314	173,679	108,400	65,279
Dickenson	62,138	59	62,079	173,980	159	173,821
Dinwiddie	146,374	109,462	36,912	398,901	295,547	103,354
Essex	46,576	31,159	15,417	127,297	84,129	43,168
Fairfax	2,709	341	2,368	7,551	921	6,630
Fauquier	9,280	8,201	1,079	25,164	22,143	3,021
Floyd	3,472	982	2,490	9,623	2,651	6,972
Fluvanna	39,150	34,177	4,973	106,202	92,278	13,924
Franklin	35,099	7,828	27,271	97,495	21,136	76,359
Frederick	7,752	2,722	5,030	21,433	7,349	14,084
Giles	2,064	16	2,048	5,777	43	5,734
Gloucester	14,458	8,877	5,581	39,595	23,968	15,627
Goochland	19,557	10,121	9,436	53,748	27,327	26,421
Grayson	3,279	90	3,189	9,172	243	8,929
Greene	173	157	16	469	424	45
Greensville	84,915	60,081	24,834	231,754	162,219	69,535
Halifax	43,889	3,525	40,364	122,537	9,518	113,019
Hanover	60,025	52,237	7,788	162,846	141,040	21,806
Henrico	2,381	743	1,638	6,592	2,006	4,586
Henry	16,061	4,362	11,699	44,534	11,777	32,757
Highland	10,974	1,530	9,444	30,574	4,131	26,443
Isle of Wight	36,961	32,886	4,075	100,202	88,792	11,410
James City	13,646	10,056	3,590	37,203	27,151	10,052
King and Queen	72,187	54,254	17,933	196,698	146,486	50,212
King George	4,830	2,757	2,073	13,248	7,444	5,804
King William	41,011	27,623	13,388	112,068	74,582	37,486

continued

Table A.18—Roundwood pulpwood production in Virginia, 2011 (continued)

County ^a	All species			All species		
	Softwood	Hardwood		Softwood	Hardwood	
	<i>standard cords</i>			<i>green tons</i>		
Lancaster	8,614	5,972	2,642	23,522	16,124	7,398
Lee	3,454	0	3,454	9,671	0	9,671
Loudoun	389	9	380	1,088	24	1,064
Louisa	73,302	29,707	43,595	202,275	80,209	122,066
Lunenburg	56,199	27,404	28,795	154,617	73,991	80,626
Madison	6,847	4,700	2,147	18,702	12,690	6,012
Mathews	1,140	732	408	3,118	1,976	1,142
Mecklenburg	53,645	28,456	25,189	147,360	76,831	70,529
Middlesex	9,251	3,675	5,576	25,536	9,923	15,613
Montgomery	13,815	3,051	10,764	38,377	8,238	30,139
Nelson	34,446	18,328	16,118	94,616	49,486	45,130
New Kent	19,221	13,150	6,071	52,504	35,505	16,999
Newport News	2,524	1,217	1,307	6,946	3,286	3,660
Northampton	29	29	0	78	78	0
Northumberland	10,670	3,993	6,677	29,477	10,781	18,696
Nottoway	64,524	37,677	26,847	176,900	101,728	75,172
Orange	14,471	9,331	5,140	39,586	25,194	14,392
Page	3,741	2,590	1,151	10,216	6,993	3,223
Patrick	28,584	6,906	21,678	79,344	18,646	60,698
Pittsylvania	52,520	9,194	43,326	146,137	24,824	121,313
Powhatan	26,956	10,489	16,467	74,428	28,320	46,108
Prince Edward	32,606	12,406	20,200	90,056	33,496	56,560
Prince George	46,526	39,057	7,469	126,367	105,454	20,913
Rappahannock	571	0	571	1,599	0	1,599
Richmond	30,442	15,744	14,698	83,663	42,509	41,154
Roanoke	5,115	1,281	3,834	14,194	3,459	10,735
Rockbridge	25,019	5,938	19,081	69,460	16,033	53,427
Rockingham	8,602	1,217	7,385	23,964	3,286	20,678
Russell	1,843	0	1,843	5,160	0	5,160
Scott	284	0	284	795	0	795
Shenandoah	8,459	3,102	5,357	23,375	8,375	15,000
Smyth	4,289	28	4,261	12,007	76	11,931
Southampton	117,969	104,490	13,479	319,864	282,123	37,741
Spotsylvania	37,628	28,825	8,803	102,476	77,828	24,648
Stafford	21,040	7,084	13,956	58,204	19,127	39,077
Suffolk	19,759	14,356	5,403	53,889	38,761	15,128
Surry	73,751	57,166	16,585	200,786	154,348	46,438
Sussex	115,463	98,794	16,669	313,417	266,744	46,673
Tazewell	10,091	0	10,091	28,255	0	28,255
Virginia Beach	13,377	7,057	6,320	36,750	19,054	17,696
Warren	1,557	51	1,506	4,355	138	4,217
Washington	11,528	370	11,158	32,241	999	31,242
Westmoreland	12,402	7,168	5,234	34,009	19,354	14,655
Wise	4,071	0	4,071	11,399	0	11,399
Wythe	197	13	184	550	35	515
York	191	75	116	528	203	325
All counties	2,774,473	1,600,834	1,173,639	7,608,439	4,322,255	3,286,184

^a Counties with no pulpwood production are omitted.

Table A.19—Softwood roundwood pulpwood movement between States, 2011

Southeast												
Exported to											Roundwood production	
Imported from	FL	GA	NC	SC	VA	AL	MD	PA	TN			
<i>standard cords</i>												
Florida	2,970,730	445,294	0	0	0	62,697	0	0	0	0	3,478,721	
Georgia	729,289	6,259,810	12,321	75,286	0	355,763	0	0	196,219	7,628,688		
North Carolina	0	0	1,896,714	427,508	26,602	0	498	0	10,580	2,361,902		
South Carolina	0	366,054	283,479	3,415,848	0	0	0	0	2,551	4,067,932		
Virginia	0	0	275,946	0	1,159,855	0	105,713	59,320	0	1,600,834		
Alabama	563,559	617,923	0	0	0	0	0	0	0	NA		
Maryland	0	0	0	0	129	0	0	0	0	NA		
Mississippi	4,283	0	0	0	0	0	0	0	0	NA		
Tennessee	0	2,663	3,100	0	0	0	0	0	0	NA		
West Virginia	0	0	0	0	2,886	0	0	0	0	NA		
Roundwood receipts	4,267,861	7,691,744	2,471,560	3,918,642	1,189,472						19,138,077	
Total Southeast receipts = 19,539,279												
South Central												
Exported to											Roundwood production	
Imported from	AL	AR	KY	LA	MS	TN	TX/OK ^a	FL	GA	NC		Other ^b
<i>standard cords</i>												
Alabama	4,143,447	0	0	140	206,832	153,974	0	563,559	617,923	0	0	5,685,875
Arkansas	0	1,527,348	0	247,866	0	0	301,738	0	0	0	0	2,076,952
Kentucky	0	0	28,483	0	0	1,734	0	0	0	0	2,517	32,734
Louisiana	0	53,699	0	3,367,114	771	0	331,754	0	0	0	0	3,753,338
Mississippi	278,839	1,834	0	578,782	3,072,690	551,440	0	4,283	0	0	0	4,487,868
Tennessee	68,198	0	64,264	0	0	454,861	0	0	2,663	3,100	0	593,086
Texas/Oklahoma ^a	0	149,766	0	259,038	0	0	1,331,549	0	0	0	0	1,740,353
Florida	62,697	0	0	0	0	0	0	0	0	0	0	NA
Georgia	355,763	0	0	0	0	196,219	0	0	0	0	0	NA
Illinois	0	0	2,700	0	0	0	0	0	0	0	0	NA
North Carolina	0	0	0	0	0	10,580	0	0	0	0	0	NA
South Carolina	0	0	0	0	0	2,551	0	0	0	0	0	NA
Other ^c	0	13	3,678	0	0	0	0	0	0	0	0	NA
Roundwood receipts	4,908,944	1,732,660	99,125	4,452,940	3,280,293	1,371,359	1,965,041					18,370,206
Total South Central receipts = 17,810,362												

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.

^b Other destinations include Ohio.

^c Other sources include Missouri.

Table A.20—Hardwood roundwood pulpwood movement between States, 2011

Southeast												
Exported to												
Imported from	FL	GA	NC	SC	VA	AL	MD	PA	TN	Other ^d	Roundwood production	
<i>standard cords</i>												
Florida	126,903	33,353	0	0	0	25,120	0	0	0	0	185,376	
Georgia	14,749	1,150,128	15,084	352	0	173,676	0	0	134,058	0	1,488,047	
North Carolina	0	0	647,469	45,535	111,728	0	1,765	0	107,270	4,343	918,110	
South Carolina	0	139,060	57,289	893,643	0	0	0	0	9	10	1,090,011	
Virginia	0	51,819	31,372	0	942,326	0	59,582	9,747	76,751	2,042	1,173,639	
Alabama	14,533	52,920	0	0	0	0	0	0	0	0	NA	
Maryland	0	0	0	0	1,048	0	0	0	0	0	NA	
Mississippi	4,312	0	0	0	0	0	0	0	0	0	NA	
Tennessee	0	0	106,463	0	0	0	0	0	0	0	NA	
West Virginia	0	0	0	0	193,834	0	0	0	0	0	NA	
Other ^b	0	15	16,886	0	0	0	0	0	0	0	NA	
Roundwood receipts	160,497	1,427,295	874,563	939,530	1,248,936						4,855,183	
Total Southeast receipts = 4,650,821												
South Central												
Exported to												
Imported from	AL	AR	KY	LA	MS	TN	TX/OK ^c	FL	GA	NC	Other ^d	Roundwood production
<i>standard cords</i>												
Alabama	2,049,946	30	18,361	0	0	7,197	0	14,534	52,920	0	0	2,142,988
Arkansas	0	1,027,898	0	74	0	0	138,698	0	0	0	0	1,166,670
Kentucky	0	0	275,807	0	0	63,721	32,449	0	0	16,819	19,720	408,516
Louisiana	0	246,480	0	518,144	7,377	0	126,140	0	0	0	0	898,141
Mississippi	485,270	237,351	124,871	190,644	181,460	41,966	393	4,312	0	0	0	1,266,267
Tennessee	292,505	0	202,410	0	0	394,067	87,679	0	0	106,463	0	1,083,124
Texas/Oklahoma ^c	0	285,252	0	17,827	0	0	476,158	0	0	9	0	779,246
Florida	25,120	0	0	0	0	0	0	0	0	0	0	NA
Georgia	173,676	0	0	0	0	134,058	0	0	0	0	0	NA
Illinois	0	0	12,463	0	0	0	0	0	0	0	0	NA
North Carolina	0	0	4,343	0	0	107,270	0	0	0	0	0	NA
South Carolina	0	0	0	0	0	9	10	0	0	0	0	NA
Other ^e	0	8,522	53,382	0	0	76,857	2,042	0	0	0	0	NA
Roundwood receipts	3,026,517	1,805,533	691,637	726,689	188,837	825,145	863,569					7,744,952
Total South Central receipts = 8,127,927												

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

NA = not applicable.

^a Other destinations include Kentucky and Texas.

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

^c Values have been combined for confidentiality purposes.

^d Other destinations include Ohio.

^e Other sources include Indiana, Missouri, Virginia, West Virginia, and Wisconsin.

Table A.21—Southern pulpmills, by process and capacity, 2011

Location	Map code ^a	Company	Pulping capacity, 24 hours				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<i>tons</i>							
Alabama							
Clairborne ^b	[1,2]	Georgia-Pacific Corporation	2,571	2,571	0	0	0
Jackson	[3]	Boise Paper	800	800	0	0	0
Courtland	[4]	International Paper Company	4,750	4,750	0	0	0
Demopolis	[5]	RockTenn Company	1,135	1,135	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]	Resolute Forest Products	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]	RockTenn Company	750	0	0	750	0
Prattville	[13]	International Paper Company	3,162	3,162	0	0	0
Total			22,722	20,661	0	2,061	0
Arkansas							
Pine Bluff	[14]	Graphic Flexible Packaging	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.	1,600	1,450	150	0	0
McGehee	[19]	Clearwater Paper Corp.	900	900	0	0	0
Total			7,800	7,650	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]	RockTenn Company	2,200	2,200	0	0	0
Panama City	[25]	RockTenn Company	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	1,419	1,419	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			20,779	19,154	1,100	525	0

continued

Table A.21—Southern pulpmills, by process and capacity, 2011 (continued)

Location	Map code ^a	Company	Pulping capacity, 24 hours				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<i>tons</i>							
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 Packaging and Newsprint	1,975	1,300	675	0	0
Bogalusa	[41]	Temple-Inland, Inc.	2,093	2,093	0	0	0
Port Hudson	[42]	Georgia-Pacific Corporation	1,920	1,920	0	0	0
Mansfield	[43]	International Paper Company	2,958	1,957	0	1,001	0
West Monroe	[44]	Graphic Packaging International, Inc.	1,628	1,628	0	0	0
Hodge	[45]	RockTenn Company	1,500	1,500	0	0	0
Campti	[46]	International Paper Company	1,134	1,134	0	0	0
		Total	13,208	11,532	675	1,001	0
Mississippi							
Monticello	[47]	Georgia-Pacific Corporation	2,500	2,500	0	0	0
New Augusta	[48]	Koch Industries	1,550	1,550	0	0	0
Vicksburg	[49]	International Paper Company	1,404	1,404	0	0	0
Grenada	[50]	Resolute Forest Products	800	0	800	0	0
Columbus	[51]	Weyerhaeuser Company	1,450	1,450	0	0	0
		Total	7,704	6,904	800	0	0
North Carolina							
Roaring River	[52]	Louisiana-Pacific Corporation	475	0	475	0	0
Canton	[53]	Evergreen Packaging, Inc.	1,600	1,600	0	0	0
Roanoke Rapids	[54]	KapStone Kraft Paper Corp.	1,500	1,500	0	0	0
Riegelwood	[55]	International Paper Company	2,545	2,545	0	0	0
New Bern	[56]	Weyerhaeuser Company	900	900	0	0	0
Plymouth	[57]	Domtar Paper Co., LLC	1,250	1,250	0	0	0
		Total	8,270	7,795	475	0	0
Oklahoma							
Valliant	[58]	International Paper Company	1,582	1,582	0	0	0
		Total	1,582	1,582	0	0	0
South Carolina							
Catawba	[59]	Resolute Forest Products	2,100	1,500	600	0	0
Georgetown	[60]	International Paper Company	1,246	1,246	0	0	0
Hartsville	[61]	Sonoco Products Company	300	0	0	300	0
Florence	[62]	RockTenn Company	1,530	1,530	0	0	0
Eastover	[63]	International Paper Company	1,927	1,927	0	0	0
Charleston	[64]	KapStone Charleston Kraft LLC	2,080	2,080	0	0	0
Bennettsville	[65]	Domtar Paper Co., LLC	1,000	1,000	0	0	0
		Total	10,183	9,283	600	300	0

continued

Table A.21—Southern pulpmills, by process and capacity, 2011 (continued)

Location	Map code ^a	Company	Pulping capacity, 24 hours				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<i>tons</i>							
Tennessee							
Calhoun	[66]	Resolute Forest Products	1,450	1,000	450	0	0
New Johnsonville	[67]	Temple-Inland, Inc.	580	0	0	580	0
Kingsport	[68]	Domtar Paper Co., LLC	850	0	0	0	850
Counce	[69]	Packaging Corporation of America	2,400	2,400	0	0	0
Knoxville	[70]	Tamko Building Products, Inc.	125	0	125	0	0
Total			5,405	3,400	575	580	850
Texas							
Texarkana	[71]	International Paper Company	1,900	1,900	0	0	0
Orange	[72]	Inland Paperboard and Packaging	2,028	2,028	0	0	0
Diboll	[73]	Temple-Inland, Inc.	500	0	500	0	0
Silsbee	[74]	MeadWestvaco Texas, LP	1,650	1,650	0	0	0
Total			6,078	5,578	500	0	0
Virginia							
Ashland	[75]	White Birch Paper Co.	880	0	880	0	0
West Point	[76]	RockTenn Company	1,700	1,700	0	0	0
Jarratt	[77]	Georgia-Pacific Corporation	400	0	400	0	0
Big Island	[78]	Georgia-Pacific Corporation	864	0	0	864	0
Hopewell	[79]	RockTenn Company	1,030	1,030	0	0	0
Riverville	[80]	Greif Packaging, LLC	600	0	0	600	0
Covington	[81]	MeadWestvaco Corporation	2,100	2,100	0	0	0
Total			7,574	4,830	1,280	1,464	0
Total South			122,218	108,807	6,155	5,931	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.22—Other mills using southern pulpwood in 2011, by process and capacity

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
<i>tons</i>						
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 65.5 million cords in 2010 to 62.7 million cords in 2011. Roundwood production decreased by 878,000 cords to 50.1 million cords and accounted for 80 percent of the South's total pulpwood production. The use of wood residue dropped 14 percent to 12.6 million cords in 2011. Georgia and Alabama led the South in total production, with 10.6 and 9.9 million cords, respectively. In 2011, 81 mills were operating and drawing wood from the 13 Southern States. Pulping capacity of Southern mills declined from 123,076 tons per day in 2010 to 122,218 tons per day in 2011.

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



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