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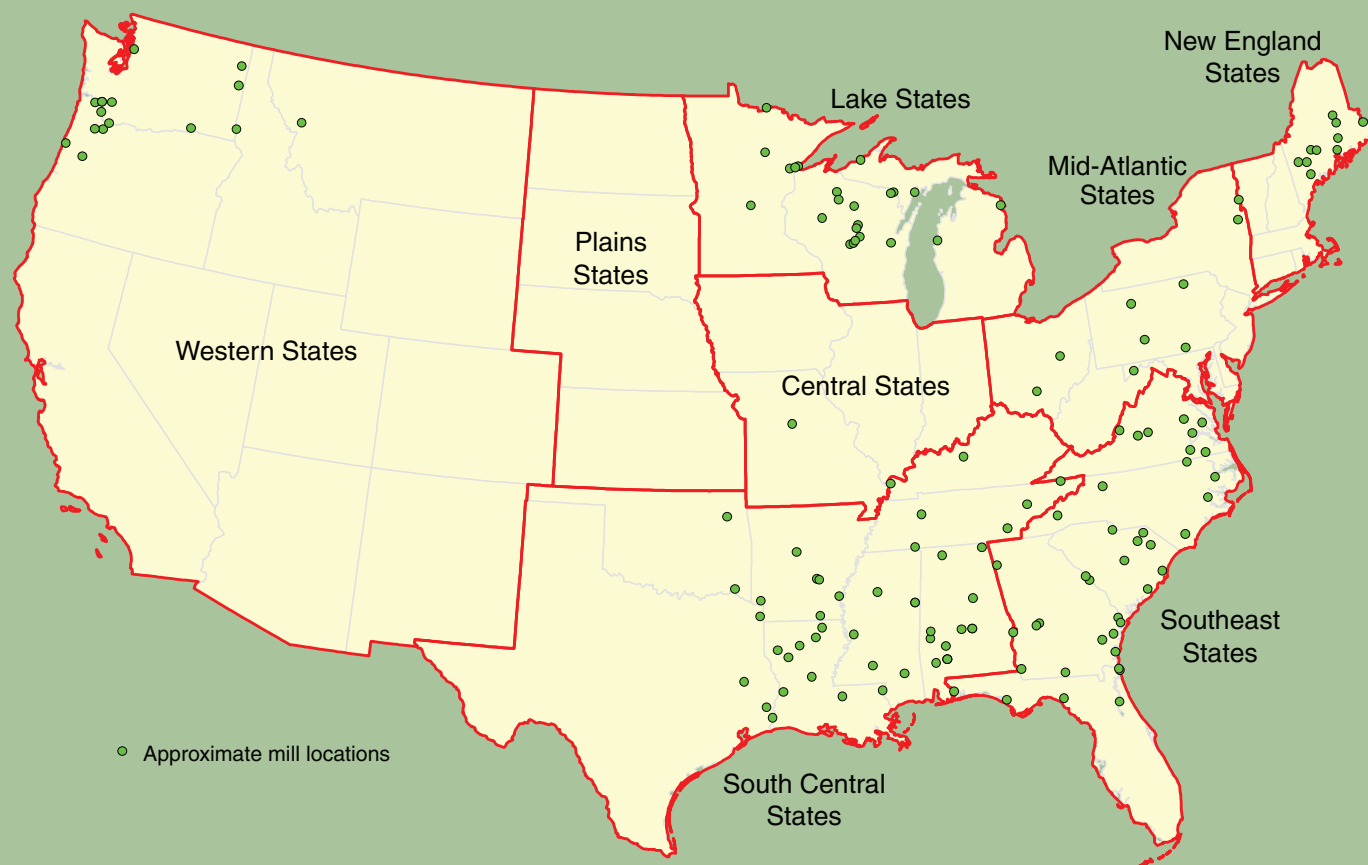


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National Pulpwood Production, 2008

**Tony G. Johnson, Ronald J. Piva,
Brian F. Walters, Colin Sorenson,
Christopher W. Woodall, and Todd A. Morgan**



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Pulpmill in Prattville, Alabama. (photo by Tony Johnson)

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^a 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. The use of trade or firm names in this publication is for reader information and does not imply endorsement by the U.S. Department of Agriculture of any product or service.

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Introduction

The Forest Inventory and Analysis (FIA) Program of the U.S. Department of Agriculture Forest Service annually compiles, analyzes, and reports canvass data of pulpmills across the United States. In the Eastern United States, pulpmill censuses are conducted internally by the FIA programs of the Northern and Southern Research Stations. In the Western United States pulpwood data is compiled, analyzed, and reported by the University of Montana, Bureau of Business and Economic Research, through agreements with the FIA programs of the Rocky Mountain and Pacific Northwest Research Stations. This bulletin is the first to report national

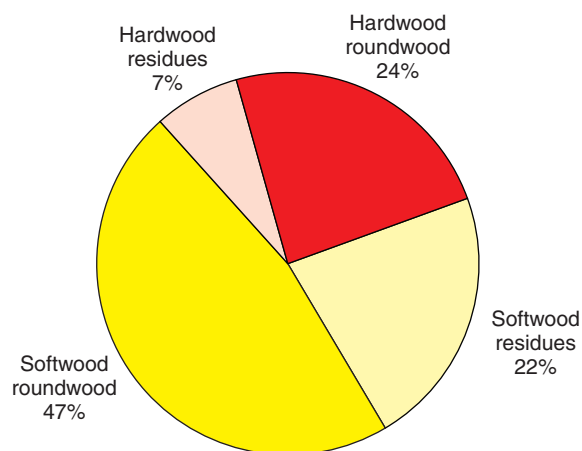
pulpwood production and presents findings for a 100-percent canvass of pulpmills that drew roundwood or wood residues from the lower 48 States during 2008. Regional conversion factors were used to convert mill data reported in nonstandard units to standard cords. The report includes pulpwood exported to Canada. Pulpwood exported to other countries is not included. The Northern region includes roundwood and wood residues that go into the production of composite panels (e.g., particleboard and oriented strand board) as pulpwood. For this report, this volume is not included. Tables A.1, A.2, and A.5 through A.28 of the report express equivalent green tons of pulpwood production.

Pulpmill in Hawesville, Kentucky.
(photo by Tony Johnson)



Pulpwood

Total pulpwood production includes both roundwood chipped at pulpmills or at independent chipmills and other primary industry mill residues. In 2008, nationwide pulpwood production totaled 89.2 million cords (227.7 million green tons) (table A.1). At 61.4 million cords (155.2 million green tons), combined softwood roundwood and residues accounted for 69 percent of total production. Hardwood roundwood and residue volume totaled 27.7 million cords (72.5 million green tons) and accounted for the remaining 31 percent (fig. 1).



89 million cords

Figure 1—Softwood and hardwood components of national pulpwood production, 2008.

Pulpwood Production by Region

Pulpwood production in the South Central States region (Alabama, Arkansas, Kentucky, Louisiana, Mississippi, Oklahoma, Tennessee, and Texas) totaled 35.8 million cords (94.6 million green tons). This region, with its 47 pulpmills, accounted for 40 percent of the Nation's total pulp production (fig. 2). Softwood pulpwood production totaled 25.1 million cords (65.6 million green tons) in the region, while hardwood production totaled 10.6 million cords (29.0 million green tons).

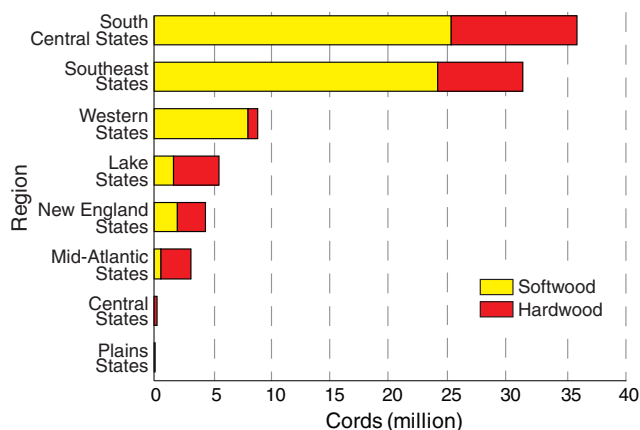


Figure 2—Pulpwood production by region, softwood, and hardwood, 2008.

Chip pile at pulpmill in Hawesville, Kentucky.
(photo by Tony Johnson)





Load of pulp logs headed to pulpmill in central Alabama.
(photo by James Bentley)

Pulpwood production in the Southeast States region (Florida, Georgia, North Carolina, South Carolina, and Virginia) totaled 31.2 million cords (82.5 million green tons). This region had 39 pulpmills operating in 2008 and accounted for 35 percent of the Nation's total pulpwood production. Softwood production in this region totaled 24.0 million cords (63.1 million green tons), while hardwood production totaled 7.2 million cords (19.4 million green tons).

Pulpwood production in the Central and Plains States regions (Illinois, Indiana, Iowa, Missouri, Kansas, Nebraska, North Dakota, and South Dakota) totaled 323,300 cords (744,800 green tons). Between these two regions, there was one pulpmill operating in 2008 and accounted for <1 percent of the Nation's pulpwood production. Softwood production in the two regions totaled 9,700 cords (21,400 green tons), while hardwood production totaled 313,500 cords (723,500 green tons).

Pulpwood production in the Lake States region (Michigan, Minnesota, and Wisconsin) totaled 5.5 million cords (12.8 million green tons). This region had 24 pulpmills operating in 2008 and accounted for 6 percent of the Nation's total pulpwood production. Softwood production in this region totaled 1.7 million cords (3.6 million green tons), while hardwood production totaled 3.8 million cords (9.3 million green tons).

Pulpwood production in the Mid-Atlantic States region (Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, and West Virginia) totaled 3.1 million cords (7.5 million green tons). This region had nine pulpmills operating in 2008 and accounted for 4 percent of the Nation's total pulpwood production. Softwood production in this region totaled 0.6 million cords (1.4 million green tons), while hardwood production totaled 2.5 million cords (6.1 million green tons).

Pulpwood production in the New England States region (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont) totaled 4.4 million cords (10.3 million green tons). This region had 10 pulpmills operating in 2008 and accounted for 5 percent of the Nation's total pulpwood production. Softwood production in this region totaled 2.0 million cords (4.3 million green tons), while hardwood production totaled 2.4 million cords (6.0 million green tons).

Pulpwood production in the Western States region (Idaho, Montana, Oregon, and Washington) totaled 8.8 million cords (19.1 million green tons). This region had 16 pulpmills operating in 2008 and accounted for 10 percent of the Nation's total pulpwood production. Softwood production in this region totaled 7.9 million cords (17.2 million green tons), while hardwood production totaled 0.9 million cords (1.9 million green tons).

Pulpwood Production by State

The top 10 pulpwood using States were Georgia (11.6 million cords), Alabama (10.6 million cords), Mississippi (7.2 million cords), Louisiana (6.5 million cords), South Carolina (6.3 million cords), North Carolina (5.4 million cords), Arkansas (4.3 million cords), Washington (4.2 million cords), Virginia (4.0 million cords), and Florida (4.0 million cords) (fig. 3). Collectively, these 10 States accounted for 64.1 million cords, or 72 percent, of the Nation's total 2008 pulpwood production (table A.2).

Roundwood

Roundwood pulpwood continues to be the primary fiber source used in pulp manufacture in the Nation. In 2008, roundwood production totaled 63.0 million cords (166.4 million green tons) and accounted for 71 percent of the total pulpwood production. At 41.8 million cords (109.4 million green tons), softwood accounted for 66 percent of the

total roundwood production (table A.3). Hardwood roundwood production totaled 21.2 million cords (57.0 million green tons) and accounted for the remaining 34 percent of total roundwood production. Table A.3 provides State level roundwood production for 2008 for all States and roundwood production for 2007 for Eastern States. The change from 2007 is provided for those States where data is available.

Georgia led all States in total roundwood production, with 9.2 million cords, and as producer of softwood roundwood, with 7.9 million cords. At 7.7 million cords, Alabama ranked second in total roundwood production and was the leading producer of hardwood roundwood, at 2.5 million cords. Roundwood pulpwood production in Mississippi, Louisiana, and South Carolina was 5.2, 4.7, and 4.7 million cords, respectively. Combined production in these five States was 31.6 million cords, or 50 percent of the Nation's roundwood total.

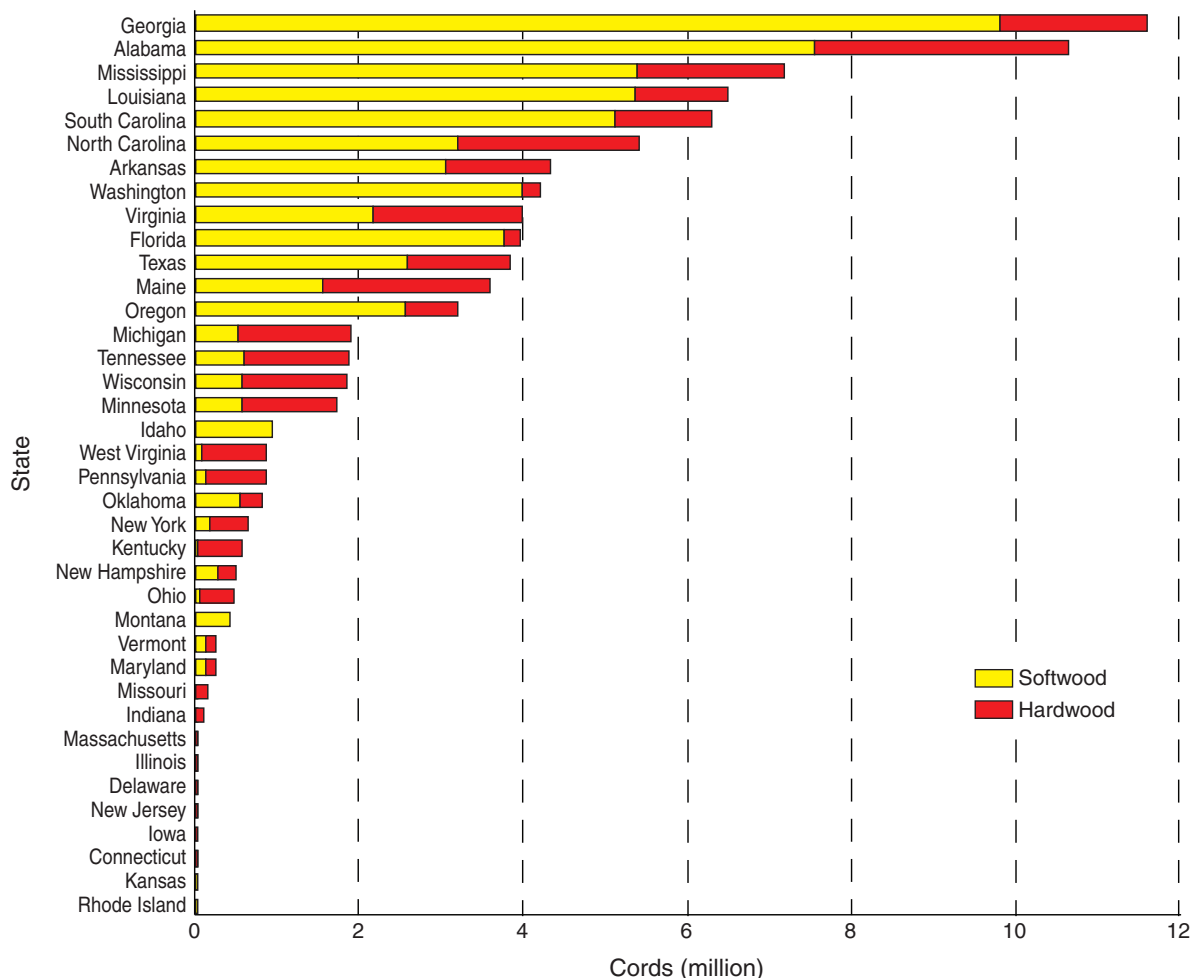


Figure 3—Pulpwood production by State, softwood, and hardwood, 2008.

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. For Southern States, 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 use in the Nation totaled 26.2 million cords (61.3 million green tons). Softwood residue use totaled 19.7 million cords (45.8 million green tons) and accounted for 75 percent of wood residues (table A.4). Hardwood residue use amounted to 6.5 million cords (15.5 million green tons) and accounted for the remaining 25 percent of wood residue use. Table A.4 provides State level wood residue use for 2008 for all States and wood residue use for 2007 for Eastern States. The change from 2007 is provided for those States where data is available.

Alabama led the Nation in the use of wood residues with 2.9 million cords, followed by Oregon (2.6 million cords), Georgia (2.3 million cords), Washington (2.1 million cords),

and Mississippi (1.9 million cords). Combined wood residue production in these five States amounted to 11.9 million cords, or 45 percent of the Nation's total.

County and Parish Production

Tables A.5 through A.28 report pulpwood production from roundwood by State and county and parish (herein county) for domestic pulpmills in the Eastern States. For the Northern region, Canadian exports are included for both roundwood (and chips from roundwood) by State and county and for mill residues by State. There were nine Canadian pulpmills in 2008 drawing wood from Northern States. Exports of wood residues and pulpwood production to other countries are not included because of the difficulty determining the county of origin for roundwood. County level data for Western States could not be included so as to protect the confidentiality of those mills reporting pulpwood use.

Figures 4 and 5 show production of softwood and hardwood roundwood pulpwood in tons per square mile, a measurement that discounts the effect of county size on concentration of pulpwood production. In both figures, counties in the dark shade of green produced >500 green tons per square mile. Across the Nation, for those States that showed

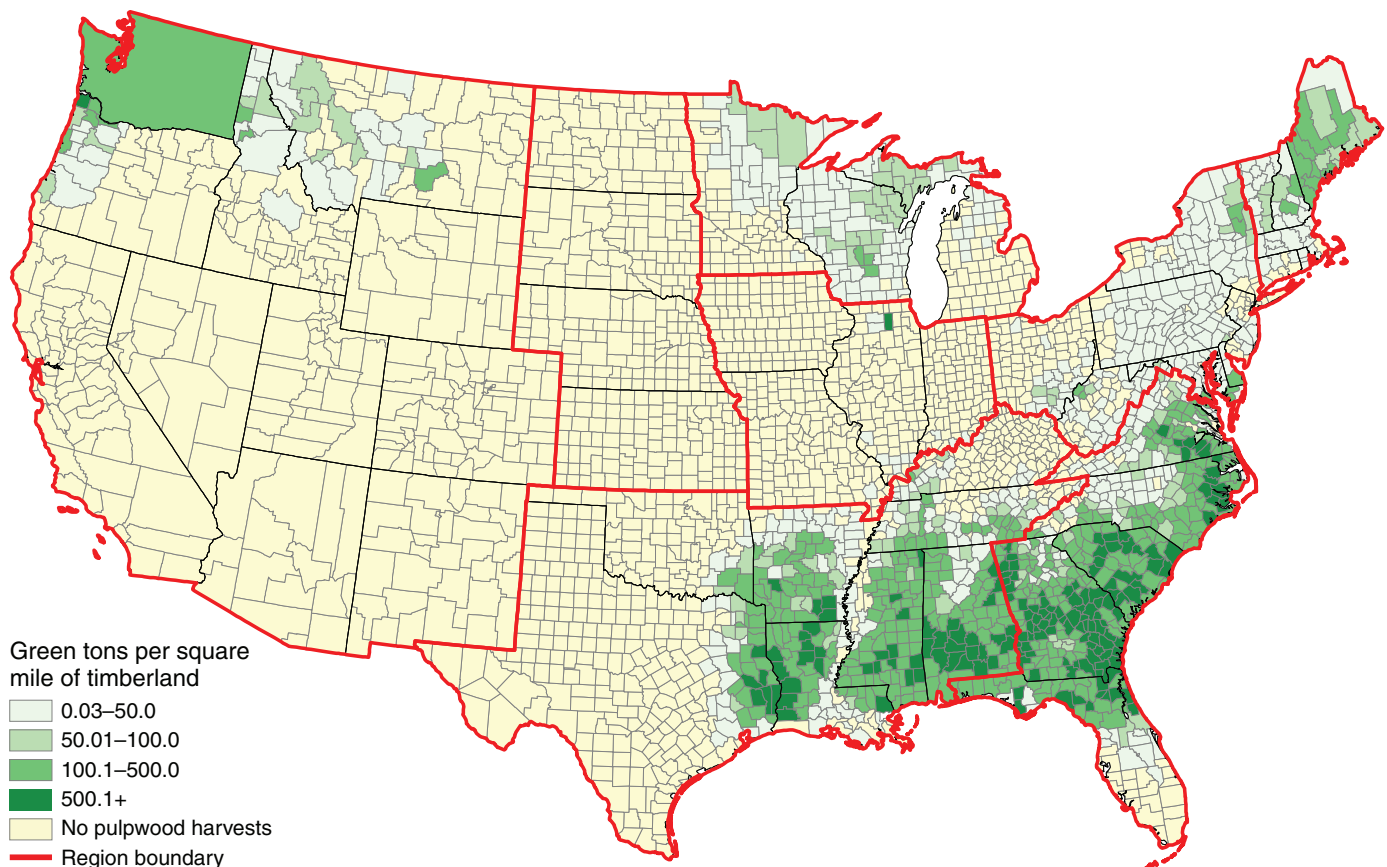


Figure 4—Softwood roundwood production in the Nation, by county or parish, 2008.

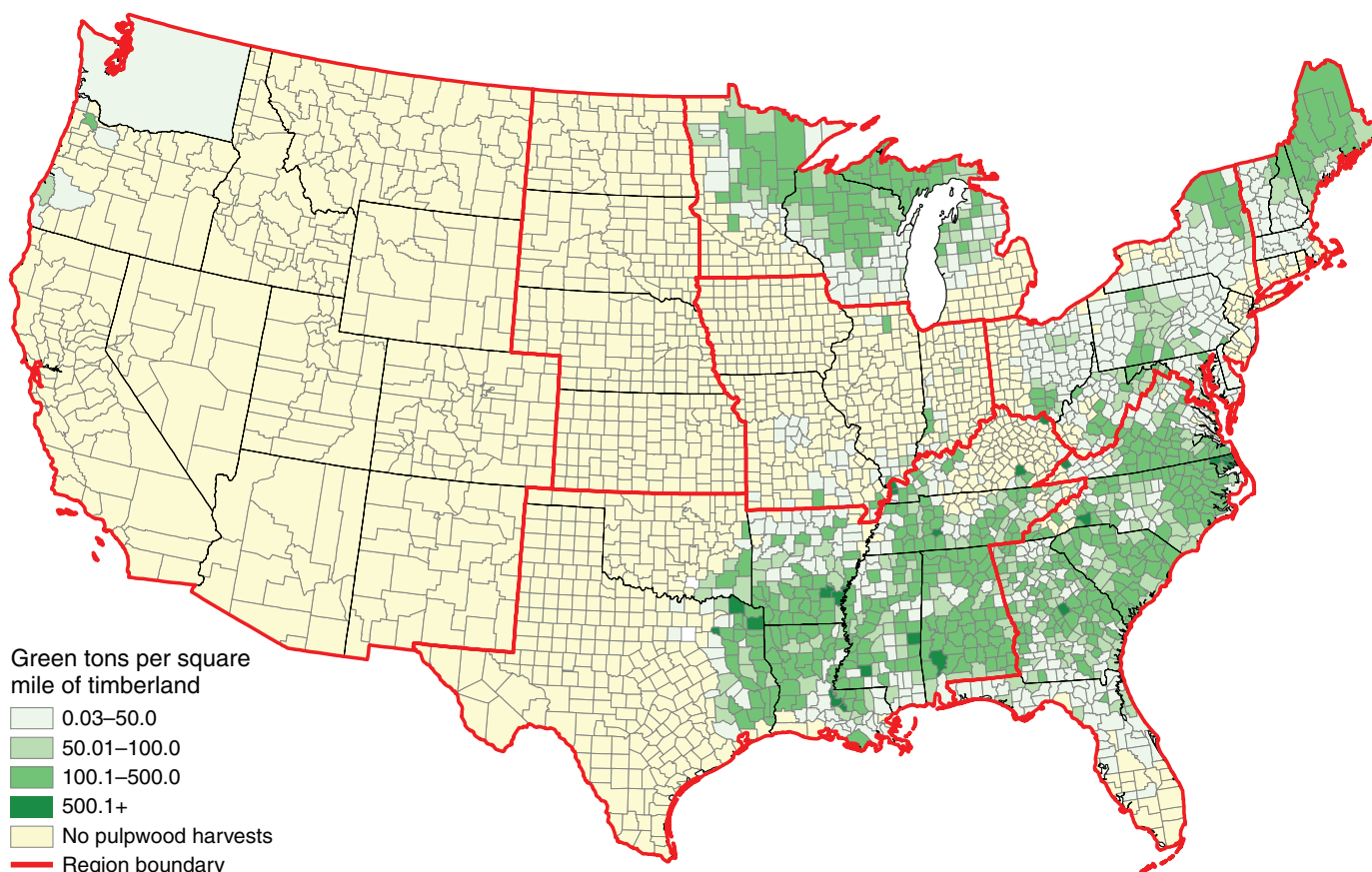


Figure 5—Hardwood roundwood production in the Nation, by county or parish, 2008.

roundwood pulpwood production, 1,368 (57 percent) of the 2,381 counties in those States had either softwood or hardwood roundwood production. However, only 169 counties produced > 500 green tons of softwood per square mile, and 22 counties produced > 500 green tons of hardwood per square mile (table 1).

Table 1—Number of producing counties^a, by range of green tons per square mile of timberland for softwood and hardwood roundwood, 2008

Range <i>green tons/sq. mi.</i>	Softwood <i>number of counties</i>	Hardwood
0	1,118	1,013
0.001–50	562	608
50.1–100	141	262
100.1–500	391	476
500.1+	169	22
Total	2,381	2,381

^a In States that had at least one producing county.

Mills and Pulping Capacity

In 2008, 146 pulpmills, with a total pulping capacity of 171,377 tons per day, were operating and drawing roundwood or mill residues from 38 of the lower 48 States (fig. 6). With 86 pulpmills in the region, southern mills totaled 124,679 tons of pulping capacity and accounted for 73 percent of the Nation's total pulping capacity (fig. 7). The Northern region had 44 pulpmills operating in 2008 with a daily pulping capacity of 26,964 tons per day, or 16 percent of the Nation's pulping capacity. The Western region had 16 pulpmills with 19,734 tons of daily pulping capacity, or 11 percent of the Nation's pulping capacity. Daily capacity of individual mills ranged from 12 tons to 3,611 tons. Alabama and Georgia led the Nation in the number of operating mills, with 14 and 12 mills, respectively. Georgia led in pulping capacity, with 21,015 tons per day and Alabama followed, with 20,123 tons per day (table 2).

Many companies operate pulping facilities throughout the Nation. In 2008, International Paper Company was the dominant paper company, with 19 pulpmills in 11 States responsible for nearly 20 percent of the Nation's pulping capacity. Georgia-Pacific Corporation operated 17 pulpmills

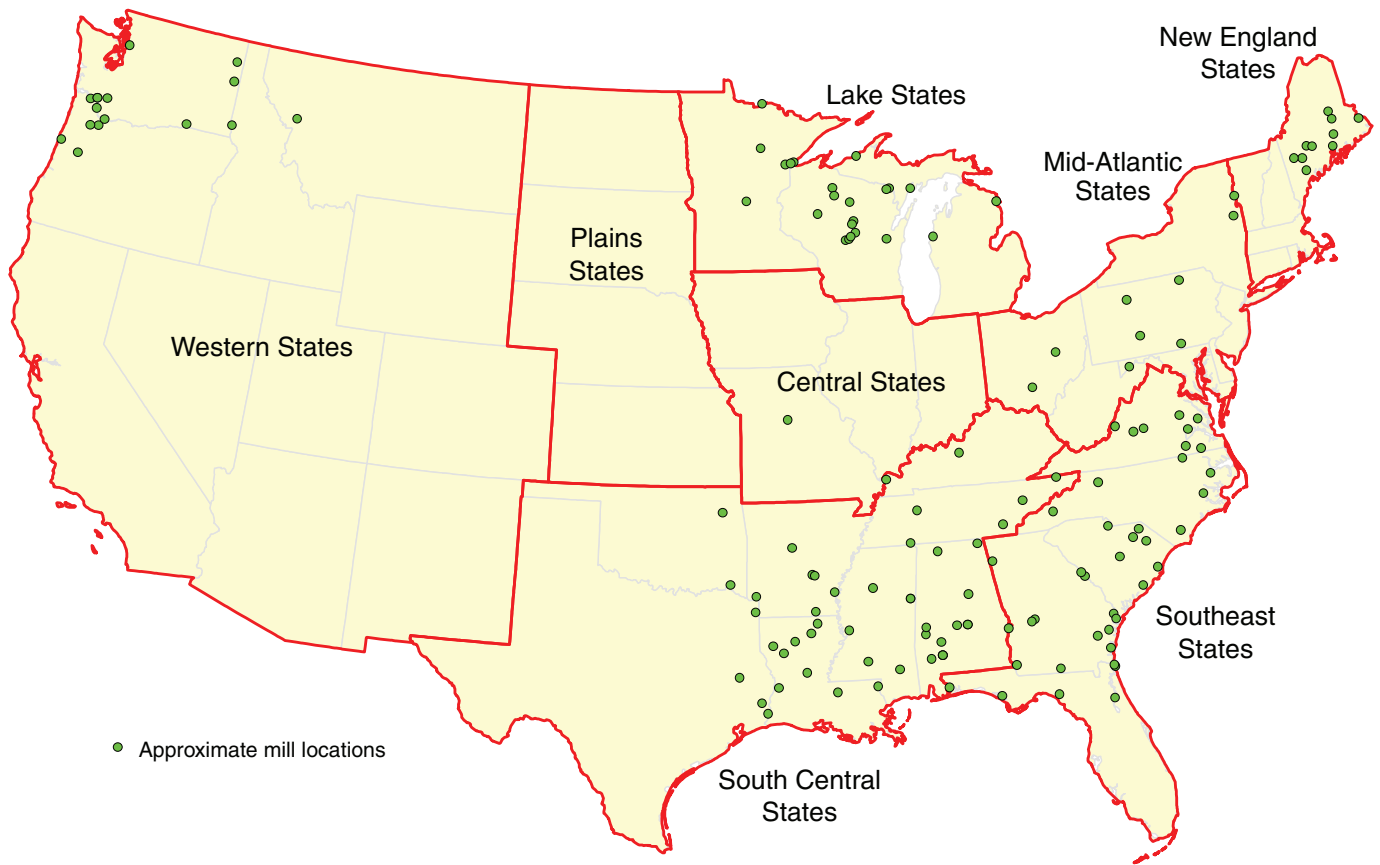


Figure 6—Pulpmills operating and drawing wood from the United States, by region, 2008.

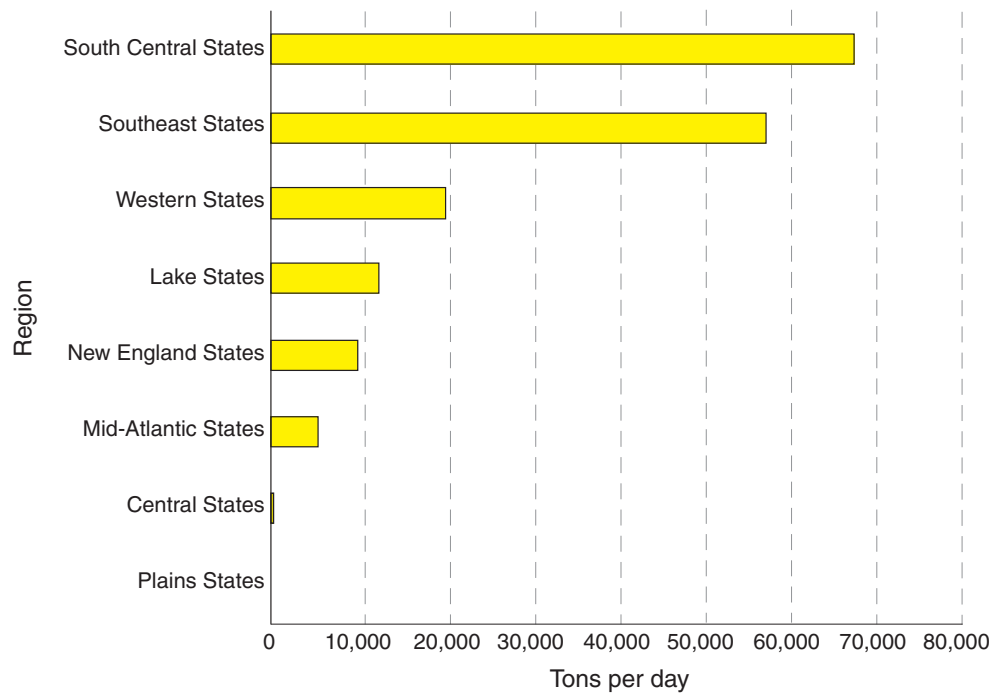


Figure 7—Regional mill capacity, by tons per day, 2008.

Table 2—Number of pulpmills and pulping capacity, by State, 2008

State	Mills	24-hour capacity	State	Mills	24-hour capacity
	<i>number</i>	<i>tons</i>		<i>number</i>	<i>tons</i>
Alabama	14	20,123	New York	2	713
Arkansas	6	7,750	North Carolina	6	7,535
Florida	6	8,330	Ohio	2	2,255
Georgia	12	21,015	Oklahoma	2	2,825
Idaho	1	1,514	Oregon	6	5,828
Kentucky	2	2,250	Pennsylvania	4	1,143
Louisiana	9	15,719	South Carolina	7	10,550
Maine	10	9,335	Tennessee	5	4,875
Maryland	1	1,125	Texas	4	5,813
Michigan	5	3,786	Virginia	8	9,804
Minnesota	7	4,420	Washington	8	10,431
Mississippi	5	8,090	Wisconsin	12	4,107
Missouri	1	80			
Montana	1	1,961	Total	146	171,377

in 12 States and accounted for 14 percent of the Nation's pulping capacity. Smurfit-Stone Container Corporation operated 10 pulpmills in 8 States and accounted for 8 percent of the Nation's pulping capacity. With 71,562 tons of pulping capacity, these three companies were responsible for nearly 42 percent of the Nation's pulping capacity. Domtar, Inc., Temple-Inland, Inc., Weyerhaeuser Company, Verso Paper, and Mead Westvaco Corporation operated 10,

5, 5, 4, and 3 mills, respectively, and accounted for another 17 percent of the Nation's pulping capacity.

The sulfate process dominated the industry in 2008, accounting for 83 percent of mill capacity. Groundwood or other mechanical processes accounted for 10 percent, semi-chemical 6 percent, and soda and other chemical processes 1 percent (table A.29).

Truck hauling chips, being off-loaded, Kingsport, Tennessee.
(photo by Angie Rowe)



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Table A.29—Pulpmills by State, process, and capacity, 2008

Table A.1—Total pulpwood volume produced in the Nation by region, source of wood, softwood, and hardwood, 2008

Region and source of wood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Southeast States ^a						
Roundwood	22,809,974	17,848,021	4,961,953	62,083,124	48,189,657	13,893,467
Residues	8,436,757	6,197,392	2,239,365	20,424,764	14,904,729	5,520,035
Total	31,246,731	24,045,413	7,201,318	82,507,888	63,094,386	19,413,502
South Central States ^b						
Roundwood	25,978,616	17,480,087	8,498,529	70,992,116	47,196,235	23,795,881
Residues	9,780,755	7,651,473	2,129,282	23,650,471	18,401,791	5,248,680
Total	35,759,371	25,131,560	10,627,811	94,642,587	65,598,026	29,044,561
Entire South						
Roundwood	48,788,590	35,328,108	13,460,482	133,075,240	95,385,892	37,689,348
Residues	18,217,512	13,848,865	4,368,647	44,075,235	33,306,520	10,768,715
Total	67,006,102	49,176,973	17,829,129	177,150,475	128,692,412	48,458,063
Central States ^c						
Roundwood	91,625	7,873	83,752	235,464	17,587	217,877
Residues	231,042	1,257	229,785	508,154	2,576	505,578
Total	322,667	9,130	313,537	743,618	20,163	723,455
Lake States ^d						
Roundwood	4,792,604	1,295,807	3,496,797	11,366,193	2,741,455	8,624,738
Residues	698,641	394,829	303,812	1,477,863	809,409	668,454
Total	5,491,245	1,690,636	3,800,609	12,844,056	3,550,864	9,293,192
Mid-Atlantic States ^e						
Roundwood	2,165,159	512,029	1,653,130	5,321,648	1,148,744	4,172,904
Residues	980,977	108,324	872,653	2,142,095	222,066	1,920,029
Total	3,146,136	620,353	2,525,783	7,463,743	1,370,810	6,092,933
New England States ^f						
Roundwood	3,878,264	1,587,870	2,290,394	9,248,918	3,436,191	5,812,727
Residues	528,422	425,312	103,110	1,098,763	871,898	226,865
Total	4,406,686	2,013,182	2,393,504	10,347,681	4,308,089	6,039,592
Plains States ^g						
Residues	589	589	—	1,207	1,207	—
Total	589	589	—	1,207	1,207	—
Entire North						
Roundwood	10,927,652	3,403,579	7,524,073	26,172,223	7,343,977	18,828,246
Residues	2,439,671	930,311	1,509,360	5,228,082	1,907,156	3,320,926
Total	13,367,323	4,333,890	9,033,433	31,400,305	9,251,133	22,149,172

continued

Table A.1—Total pulpwood volume produced in the Nation by region, source of wood, softwood, and hardwood, 2008 (continued)

Region and source of wood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Western States ^h						
Roundwood	3,296,102	3,066,332	229,770	7,169,023	6,669,273	499,750
Residues	5,503,076	4,872,407	630,669	11,969,189	10,597,485	1,371,704
Total	8,799,178	7,938,739	860,439	19,138,212	17,266,758	1,871,454
Nation						
Roundwood	63,012,344	41,798,019	21,214,325	166,416,486	109,399,142	57,017,344
Residues	26,160,259	19,651,583	6,508,676	61,272,506	45,811,161	15,461,345
Total	89,172,603	61,449,602	27,723,001	227,688,992	155,210,303	72,478,689

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

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

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

^c States of Illinois, Indiana, Iowa, and Missouri.

^d States of Michigan, Minnesota, and Wisconsin.

^e States of Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, and West Virginia.

^f States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

^g States of Kansas, Nebraska, North Dakota, and South Dakota.

^h States of Idaho, Montana, Oregon, and Washington.

Table A.2—Total pulpwood volume produced in the Nation by State, softwood, and hardwood, 2008, and change since 2007 for Eastern States

State ^a	Change since 2007 <i>percent</i>	All species <i>----- standard cords -----</i>	Softwood	Hardwood	All species <i>----- green tons -----</i>	Softwood	Hardwood
Alabama	0	10,640,486	7,534,880	3,105,606	28,157,801	19,680,723	8,477,078
Arkansas	1	4,327,945	3,047,624	1,280,321	11,431,279	7,914,571	3,516,708
Connecticut	74	920	834	86	1,948	1,730	218
Delaware	34	20,654	16,511	4,143	51,181	40,542	10,639
Florida	-10	3,963,021	3,769,694	193,327	10,433,052	9,896,892	536,160
Georgia	10	11,594,445	9,798,163	1,796,282	30,776,207	25,883,636	4,892,571
Idaho ^b	NA	946,127	946,127	0	2,057,825	2,057,825	0
Illinois	16	32,439	7,248	25,191	76,673	16,249	60,424
Indiana	-19	120,258	844	119,414	273,354	1,784	271,570
Iowa	-49	1,554	—	1,554	3,418	—	3,418
Kansas	-46	589	589	—	1,207	1,207	—
Kentucky	-8	587,173	47,376	539,797	1,555,757	127,320	1,428,437
Louisiana	0	6,497,957	5,355,919	1,142,038	17,130,879	13,981,167	3,149,712
Maine	2	3,603,172	1,565,375	2,037,797	8,489,536	3,340,141	5,149,395
Maryland	4	252,538	122,967	129,571	582,303	273,234	309,069
Massachusetts	-12	39,024	24,278	14,746	88,924	52,687	36,237
Michigan	0	1,902,755	526,937	1,375,818	4,542,664	1,119,691	3,422,973
Minnesota	13	1,732,073	581,551	1,150,522	3,914,702	1,207,841	2,706,861
Mississippi	-3	7,170,763	5,384,656	1,786,107	18,952,020	14,075,618	4,876,402
Missouri	-6	168,415	1,037	167,378	390,173	2,130	388,043
Montana ^c	NA	439,318	439,318	0	955,516	955,516	0
New Hampshire	13	501,904	276,891	225,013	1,169,236	602,002	567,234
New Jersey	-52	4,779	3,061	1,718	10,994	6,534	4,460
New York	-6	640,546	195,442	445,104	1,562,251	431,465	1,130,786
North Carolina	-3	5,419,467	3,204,585	2,214,882	14,293,872	8,339,588	5,954,284
North Dakota	—	—	—	—	—	—	—
Ohio	23	483,358	64,408	418,950	1,127,677	138,617	989,060
Oklahoma	23	812,460	559,605	252,855	2,151,169	1,446,949	704,220
Oregon ^d	NA	3,210,750	2,563,961	646,789	6,983,378	5,576,613	1,406,765
Pennsylvania	-3	871,532	125,063	746,469	2,077,072	280,615	1,796,457
South Carolina	6	6,286,473	5,109,096	1,177,377	16,601,871	13,386,713	3,215,158
Rhode Island	—	555	555	—	1,161	1,161	—
Tennessee	-4	1,874,226	602,291	1,271,935	5,070,064	1,619,759	3,450,305
Texas	15	3,848,361	2,599,209	1,249,152	10,193,618	6,751,919	3,441,699
Vermont	22	261,111	145,249	115,862	596,875	310,368	286,507
Virginia	2	3,983,325	2,163,875	1,819,450	10,402,886	5,587,557	4,815,329
Washington ^d	NA	4,202,985	3,989,336	213,650	9,141,493	8,676,804	464,689
West Virginia	-8	872,728	92,900	779,828	2,052,264	199,803	1,852,461
Wisconsin	1	1,856,417	582,148	1,274,269	4,386,690	1,223,332	3,163,358
All States	NA	89,172,603	61,449,602	27,723,001	227,688,991	155,210,303	72,478,687

NA = nonapplicable; — = no value for the cell; 0 = a value of <1.

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

^a States with no pulpwood use are omitted.

^b Idaho data are 2006

^c Montana data are 2009.

^d Oregon and Washington data are 2008.

Table A.3—Volume of roundwood produced for pulpwood in the Nation by State, softwood, and hardwood, 2008 and 2007, and change since 2007 for Eastern States

State	Change since 2007 <i>percent</i>	2008			2007		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
		<i>----- thousand cords -----</i>					
Alabama	-2	7,738.9	5,285.9	2,453.0	7,879.4	5,227.3	2,652.1
Arkansas	0	3,059.9	1,983.2	1,076.8	3,068.2	1,845.5	1,222.7
Connecticut	-75	0.7	0.6	0.1	2.9	0.3	2.7
Delaware	-34	20.7	16.5	4.1	31.2	24.3	6.9
Florida	-9	2,994.1	2,816.2	177.9	3,300.8	3,093.4	207.4
Georgia	12	9,248.5	7,861.2	1,387.3	8,230.0	6,910.5	1,319.5
Idaho	NA	224.7	224.7	—	NA	NA	NA
Illinois	17	21.9	7.2	14.7	18.7	2.7	16.0
Indiana	-31	29.5	0.6	28.9	42.9	4.1	38.8
Kentucky	4	337.4	45.4	292.1	323.9	57.2	266.7
Louisiana	-1	4,728.2	3,729.4	998.8	4,793.5	3,736.9	1,056.6
Maine	6	3,167.2	1,216.0	1,951.2	2,974.8	1,100.4	1,874.4
Maryland	10	135.1	52.8	82.3	122.3	49.5	72.7
Massachusetts	-12	35.5	23.8	11.8	40.6	21.0	19.6
Michigan	18	1,603.1	339.1	1,264.0	1,362.1	225.8	1,136.3
Minnesota	19	1,571.6	463.5	1,108.1	1,325.4	404.6	920.8
Mississippi	-4	5,229.2	3,815.3	1,413.9	5,421.8	3,748.0	1,673.9
Missouri	-1	40.2	0.0	40.2	40.6	0.0	40.6
Montana	NA	337.4	337.4	—	NA	NA	NA
New Hampshire	39	439.9	220.0	219.9	315.6	123.8	191.8
New Jersey	93	4.8	3.1	1.7	2.5	2.1	0.4
New York	-6	589.5	179.8	409.7	626.8	244.3	382.4
North Carolina	-2	3,620.7	2,144.3	1,476.4	3,707.1	2,031.5	1,675.7
North Dakota	-100	—	—	—	88.3	—	88.3
Ohio	-6	294.7	61.1	233.6	313.2	88.3	224.9
Oklahoma	27	584.3	342.7	241.6	459.6	245.7	213.9
Oregon	NA	618.3	499.9	118.4	NA	NA	NA
South Carolina	7	4,660.7	3,726.6	934.1	4,344.6	3,312.1	1,032.5
Pennsylvania	-12	630.0	113.8	516.2	714.7	123.1	591.6
Rhode Island	—	0.6	0.6	—	—	—	—
Tennessee	-3	1,520.8	580.5	940.3	1,561.9	597.6	964.3
Texas	18	2,779.9	1,697.7	1,082.2	2,359.4	1,329.6	1,029.8
Vermont	15	234.4	126.9	107.5	204.1	120.6	83.5
Virginia	7	2,286.0	1,299.8	986.2	2,128.8	1,113.2	1,015.7
Washington	NA	2,115.7	2,004.3	111.4	NA	NA	NA
West Virginia	17	490.4	84.9	405.4	419.0	77.3	341.7
Wisconsin	5	1,617.9	493.2	1,124.7	1,536.3	466.2	1,070.0
All States	NA	63,012.3	41,798.0	21,214.3	57,760.8	36,326.8	21,434.1

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

NA = nonapplicable; — = no value for the cell; 0.0 = a value of <0.1.

Table A.4—Volume of wood residues produced for pulp manufacture in the Nation by State, softwood, and hardwood, 2008 and 2007, and change since 2007 for Eastern States

State	Change since 2007	2008			2007		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>percent</i>	<i>thousand cords</i>					
Alabama	5	2,901.6	2,249.0	652.6	2,753.0	2,341.0	411.9
Arkansas	4	1,268.0	1,064.5	203.6	1,215.1	1,080.4	134.7
Connecticut	-65	0.2	0.2	—	0.5	0.5	0.0
Florida	-12	968.9	953.5	15.4	1,101.3	1,077.4	24.0
Georgia	1	2,346.0	1,937.0	409.0	2,320.0	1,876.5	443.4
Idaho	NA	721.4	721.4	0.0	NA	NA	NA
Illinois	13	10.6	0.0	10.5	9.3	—	9.3
Indiana	-13	90.7	0.2	90.5	104.7	—	104.7
Iowa	-87	1.6	—	1.6	11.6	6.4	5.2
Kansas	-46	0.6	0.6	—	1.1	—	1.1
Kentucky	-21	249.8	2.0	247.7	316.9	1.9	314.9
Louisiana	6	1,769.8	1,626.5	143.3	1,675.8	1,504.4	171.4
Maine	-22	436.0	349.3	86.6	559.8	520.6	39.2
Maryland	-3	117.5	70.1	47.3	121.1	75.0	46.1
Massachusetts	-9	3.5	0.5	3.0	3.9	0.9	2.9
Michigan	-37	299.6	187.8	111.8	474.7	246.2	228.6
Minnesota	-5	160.4	118.1	42.4	169.5	114.3	55.1
Mississippi	-2	1,941.6	1,569.3	372.2	1,971.9	1,786.3	185.6
Missouri	-8	128.2	1.0	127.2	138.8	1.0	137.8
Montana	NA	101.9	101.9	0.0	NA	NA	NA
New Hampshire	-52	62.0	56.9	5.2	130.2	124.1	6.1
New Jersey	-100	—	—	—	7.5	6.3	1.2
New York	-69	51.0	15.7	35.4	166.1	12.6	153.5
North Carolina	-3	1,798.8	1,060.3	738.5	1,857.5	1,216.0	641.5
Ohio	99	188.7	3.3	185.4	95.0	—	95.0
Oklahoma	12	228.2	216.9	11.3	203.7	191.6	12.1
Oregon	NA	2,592.5	2,064.1	528.4	NA	NA	NA
Pennsylvania	-47	241.5	11.2	230.2	457.4	19.5	438.0
South Carolina	1	1,625.8	1,382.5	243.3	1,605.3	1,347.4	257.9
Tennessee	-8	353.5	21.8	331.7	383.9	32.7	351.2
Texas	8	1,068.5	901.5	166.9	988.5	816.2	172.3
Vermont	152	26.8	18.4	8.4	10.6	6.0	4.6
Virginia	-4	1,697.3	864.1	833.2	1,775.0	849.0	926.0
Washington	NA	2,087.3	1,985.0	102.3	NA	NA	NA
West Virginia	-31	382.4	8.0	374.4	554.9	59.5	495.4
Wisconsin	-10	238.6	89.0	149.6	264.3	99.3	164.9
All States	NA	26,160.3	19,651.6	6,508.7	21,448.8	15,413.2	6,035.6

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

NA = nonapplicable; — = no value for the cell; 0.0 = a value of <0.1.

Table A.5—Roundwood pulpwood production in Alabama, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Autauga	81,178	53,020	28,158	221,996	143,154	78,842
Baldwin	169,397	150,819	18,578	459,229	407,211	52,018
Barbour	192,324	151,204	41,120	523,387	408,251	115,136
Bibb	91,369	66,542	24,827	249,179	179,663	69,516
Blount	32,682	1,167	31,515	91,393	3,151	88,242
Bullock	129,905	110,526	19,379	352,681	298,420	54,261
Butler	195,957	154,794	41,163	533,200	417,944	115,256
Calhoun	18,157	14,247	3,910	49,415	38,467	10,948
Chambers	52,688	30,844	21,844	144,442	83,279	61,163
Cherokee	109,978	83,784	26,194	299,560	226,217	73,343
Chilton	91,907	69,717	22,190	250,368	188,236	62,132
Choctaw	382,839	244,370	138,469	1,047,512	659,799	387,713
Clarke	537,203	319,881	217,322	1,472,181	863,679	608,502
Clay	116,999	95,195	21,804	318,078	257,027	61,051
Cleburne	97,906	85,329	12,577	265,604	230,388	35,216
Coffee	86,387	68,589	17,798	235,024	185,190	49,834
Colbert	44,610	18,658	25,952	123,043	50,377	72,666
Conecuh	262,593	190,288	72,305	716,232	513,778	202,454
Coosa	132,779	105,977	26,802	361,184	286,138	75,046
Covington	186,229	160,761	25,468	505,365	434,055	71,310
Crenshaw	168,227	124,405	43,822	458,596	335,894	122,702
Cullman	23,046	2,310	20,736	64,298	6,237	58,061
Dale	59,258	39,095	20,163	162,013	105,557	56,456
Dallas	204,699	129,415	75,284	560,216	349,421	210,795
De Kalb	45,115	19,713	25,402	124,351	53,225	71,126
Elmore	59,019	40,490	18,529	161,204	109,323	51,881
Escambia	132,568	106,707	25,861	360,520	288,109	72,411
Etowah	33,751	13,231	20,520	93,180	35,724	57,456
Fayette	52,604	38,192	14,412	143,472	103,118	40,354
Franklin	82,421	62,104	20,317	224,569	167,681	56,888
Geneva	64,178	57,671	6,507	173,932	155,712	18,220
Greene	132,239	71,122	61,117	363,157	192,029	171,128
Hale	90,214	41,370	48,844	248,462	111,699	136,763
Henry	77,150	48,730	28,420	211,147	131,571	79,576
Houston	28,646	19,585	9,061	78,251	52,880	25,371
Jackson	72,391	6,252	66,139	202,069	16,880	185,189
Jefferson	7,920	2,520	5,400	21,924	6,804	15,120
Lamar	66,580	48,119	18,461	181,612	129,921	51,691
Lauderdale	27,338	10,518	16,820	75,495	28,399	47,096
Lawrence	53,705	24,576	29,129	147,916	66,355	81,561
Lee	68,529	56,174	12,355	186,264	151,670	34,594
Limestone	8,619	1,065	7,554	24,027	2,876	21,151
Lowndes	152,792	104,064	48,728	417,411	280,973	136,438
Macon	108,053	80,511	27,542	294,498	217,380	77,118
Madison	16,420	5,521	10,899	45,424	14,907	30,517
Marengo	288,272	164,986	123,286	790,663	445,462	345,201

continued

Table A.5—Roundwood pulpwood production in Alabama, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Marion	107,604	76,935	30,669	293,598	207,725	85,873
Marshall	16,552	997	15,555	46,246	2,692	43,554
Mobile	93,819	76,121	17,698	255,081	205,527	49,554
Monroe	354,910	218,640	136,270	971,884	590,328	381,556
Montgomery	63,888	38,968	24,920	174,990	105,214	69,776
Morgan	15,747	3,040	12,707	43,788	8,208	35,580
Perry	171,236	113,171	58,065	468,144	305,562	162,582
Pickens	94,389	84,990	9,399	255,790	229,473	26,317
Pike	104,248	77,487	26,761	284,146	209,215	74,931
Randolph	62,825	57,933	4,892	170,117	156,419	13,698
Russell	131,175	115,603	15,572	355,730	312,128	43,602
St. Clair	72,065	35,950	36,115	198,187	97,065	101,122
Shelby	101,067	74,451	26,616	275,543	201,018	74,525
Sumter	242,369	127,662	114,707	665,867	344,687	321,180
Talladega	91,799	79,115	12,684	249,126	213,611	35,515
Tallapoosa	161,277	114,597	46,680	440,116	309,412	130,704
Tuscaloosa	66,126	28,651	37,475	182,288	77,358	104,930
Walker	5,370	4,028	1,342	14,634	10,876	3,758
Washington	266,461	175,446	91,015	728,546	473,704	254,842
Wilcox	329,208	248,628	80,580	896,920	671,296	225,624
Winston	49,923	39,314	10,609	135,853	106,148	29,705
All counties	7,738,899	5,285,885	2,453,014	21,140,338	14,271,897	6,868,441

^a Counties with no pulpwood production are omitted.

Table A.6—Roundwood pulpwood production in Arkansas, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Arkansas	14,359	6,142	8,217	39,591	16,583	23,008
Ashley	299,319	213,529	85,790	816,740	576,528	240,212
Baxter	2,364	27	2,337	6,617	73	6,544
Benton	9	0	9	25	0	25
Boone	80	11	69	223	30	193
Bradley	172,893	116,761	56,132	472,425	315,255	157,170
Calhoun	38,635	15,771	22,864	106,601	42,582	64,019
Chicot	7,078	2,997	4,081	19,519	8,092	11,427
Clark	156,652	59,105	97,547	432,716	159,584	273,132
Cleburne	31,411	23,740	7,671	85,577	64,098	21,479
Cleveland	84,103	49,162	34,941	230,572	132,737	97,835
Columbia	51,849	25,743	26,106	142,603	69,506	73,097
Conway	42,279	34,520	7,759	114,929	93,204	21,725
Craighead	65	59	6	176	159	17
Crawford	590	590	0	1,593	1,593	0
Cross	983	316	667	2,721	853	1,868
Dallas	104,476	72,852	31,624	285,247	196,700	88,547
Desha	41,893	12	41,881	117,299	32	117,267
Drew	204,556	166,800	37,756	556,077	450,360	105,717
Faulkner	20,753	18,332	2,421	56,275	49,496	6,779
Franklin	944	635	309	2,580	1,715	865
Fulton	8	0	8	22	0	22
Garland	20,815	16,956	3,859	56,586	45,781	10,805
Grant	124,646	99,017	25,629	339,107	267,346	71,761
Greene	1,244	1,244	0	3,359	3,359	0
Hempstead	72,975	42,695	30,280	200,061	115,277	84,784
Hot Spring	60,954	50,511	10,443	165,620	136,380	29,240
Howard	116,175	79,693	36,482	317,321	215,171	102,150
Independence	19,543	4,184	15,359	54,302	11,297	43,005
Izard	3,022	270	2,752	8,435	729	7,706
Jackson	284	70	214	788	189	599
Jefferson	68,740	52,041	16,699	187,268	140,511	46,757
Johnson	28,941	7,226	21,715	80,312	19,510	60,802
Lafayette	61,991	46,064	15,927	168,969	124,373	44,596
Lawrence	6,586	0	6,586	18,441	0	18,441
Lee	680	0	680	1,904	0	1,904
Lincoln	73,305	31,013	42,292	202,153	83,735	118,418
Little River	67,193	28,736	38,457	185,267	77,587	107,680
Logan	13,465	11,077	2,388	36,594	29,908	6,686
Lonoke	1,149	805	344	3,137	2,174	963
Madison	3,178	11	3,167	8,898	30	8,868
Marion	2,210	182	2,028	6,169	491	5,678
Miller	47,916	22,143	25,773	131,950	59,786	72,164
Monroe	9,264	2,652	6,612	25,674	7,160	18,514
Montgomery	9,966	5,806	4,160	27,324	15,676	11,648
Nevada	70,675	53,740	16,935	192,516	145,098	47,418

continued

Table A.6—Roundwood pulpwood production in Arkansas, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Newton	2,612	638	1,974	7,250	1,723	5,527
Ouachita	52,410	23,176	29,234	144,430	62,575	81,855
Perry	79,027	75,501	3,526	213,726	203,853	9,873
Phillips	9,509	63	9,446	26,619	170	26,449
Pike	129,407	113,125	16,282	351,028	305,438	45,590
Poinsett	38	23	15	104	62	42
Polk	43,045	30,791	12,254	117,447	83,136	34,311
Pope	15,970	10,567	5,403	43,659	28,531	15,128
Prairie	6,646	3,641	3,005	18,245	9,831	8,414
Pulaski	15,670	11,444	4,226	42,732	30,899	11,833
Randolph	64	11	53	178	30	148
St. Francis	7,144	103	7,041	19,993	278	19,715
Saline	82,177	63,998	18,179	223,696	172,795	50,901
Scott	41,360	26,250	15,110	113,183	70,875	42,308
Searcy	6,947	494	6,453	19,402	1,334	18,068
Sebastian	8,792	8,763	29	23,741	23,660	81
Sevier	66,845	42,940	23,905	182,872	115,938	66,934
Sharp	3,323	168	3,155	9,288	454	8,834
Stone	11,568	5,756	5,812	31,815	15,541	16,274
Union	135,448	87,466	47,982	370,508	236,158	134,350
Van Buren	56,594	26,490	30,104	155,814	71,523	84,291
Washington	18	0	18	50	0	50
White	69,115	56,188	12,927	187,904	151,708	36,196
Woodruff	1,128	794	334	3,079	2,144	935
Yell	54,866	31,541	23,325	150,471	85,161	65,310
All counties	3,059,939	1,983,171	1,076,768	8,369,517	5,354,565	3,014,952

^a Counties with no pulpwood production are omitted.

Table A.7—Roundwood pulpwood production in Connecticut, Massachusetts, and Rhode Island, 2008

State and county ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Connecticut						
Fairfield	33	24	9	74	51	23
Hartford	238	225	13	504	472	32
Litchfield	338	338	—	703	703	—
Windham	120	56	64	275	112	163
Total	729	643	86	1,556	1,338	218
Massachusetts						
Barnstable	7,574	3,698	3,875	17,926	8,061	9,865
Berkshire	3,888	1,800	2,088	9,259	4,001	5,258
Bristol	98	67	31	220	140	80
Essex	1,690	1,477	213	3,657	3,132	525
Franklin	7,597	5,892	1,705	17,257	12,949	4,308
Hampden	4,944	2,632	2,313	11,331	5,561	5,770
Hampshire	1,540	1,077	463	3,610	2,440	1,170
Middlesex	2,035	1,651	385	4,418	3,456	962
Norfolk	2,902	2,683	220	6,557	5,986	571
Worcester	3,267	2,782	485	7,091	5,896	1,195
Total	35,535	23,758	11,777	81,326	51,622	29,704
Rhode Island						
Kent	64	64	—	135	135	—
Providence	236	236	—	494	494	—
Washington	254	254	—	532	532	—
Total	555	555	—	1,161	1,161	—

— = no value for the cell.

^a Counties with no pulpwood production are omitted.

Table A.8—Roundwood pulpwood production in Delaware, Maryland, and New Jersey, 2008

State and county ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Delaware						
Kent	1,179	704	475	2,877	1,652	1,225
New Castle	68	2	66	171	5	166
Sussex	19,406	15,804	3,602	48,133	38,885	9,248
Total	20,654	16,511	4,143	51,181	40,542	10,639
Maryland						
Allegany	11,445	1,138	10,307	29,289	2,426	26,863
Anne Arundel	4,076	1,207	2,868	9,988	2,680	7,308
Baltimore	1,361	121	1,240	3,352	259	3,093
Calvert	70	25	44	167	54	113
Caroline	2,820	1,963	857	7,053	4,816	2,237
Carroll	179	20	159	447	42	405
Cecil	1,717	46	1,671	4,376	98	4,278
Charles	1,711	1,623	88	3,914	3,688	226
Dorchester	4,226	3,544	682	10,740	8,947	1,793
Frederick	715	187	528	1,784	430	1,354
Garrett	47,850	2,315	45,535	116,128	4,933	111,195
Harford	5,939	158	5,780	14,825	366	14,459
Howard	1,219	271	947	3,084	645	2,439
Kent	138	138	—	349	349	—
Montgomery	1,037	114	923	2,517	240	2,277
Prince George's	3,586	910	2,676	8,709	1,960	6,749
Queen Anne's	485	78	407	1,251	197	1,054
St. Mary's	14,585	8,189	6,396	35,703	19,530	16,173
Somerset	13,759	13,569	191	34,784	34,299	485
Talbot	77	53	24	196	133	63
Washington	664	38	626	1,710	84	1,626
Wicomico	17,317	17,030	287	43,782	43,048	734
Worcester	96	81	16	243	203	40
Total	135,073	52,818	82,255	334,391	129,427	204,964
New Jersey						
Atlantic	38	38	—	81	81	—
Burlington	111	111	—	238	238	—
Camden	2,162	1,444	718	4,934	3,077	1,857
Hunterdon	12	12	—	26	26	—
Mercer	12	12	—	26	26	—
Monmouth	264	63	201	651	136	515
Ocean	2,180	1,381	799	5,038	2,950	2,088
Total	4,779	3,061	1,718	10,994	6,534	4,460

— = no value for the cell.

^a Counties with no pulpwood production are omitted.

Table A.9—Roundwood pulpwood production in Florida, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alachua	56,382	52,881	3,501	152,582	142,779	9,803
Baker	105,125	104,637	488	283,886	282,520	1,366
Bay	19,130	8,156	10,974	52,748	22,021	30,727
Bradford	58,632	44,664	13,968	159,703	120,593	39,110
Brevard	1,392	990	402	3,799	2,673	1,126
Calhoun	102,062	99,595	2,467	275,815	268,907	6,908
Charlotte	172	0	172	482	0	482
Citrus	2,705	2,013	692	7,373	5,435	1,938
Clay	248,266	241,451	6,815	671,000	651,918	19,082
Columbia	62,550	60,835	1,715	169,057	164,255	4,802
Dixie	96,710	84,037	12,673	262,384	226,900	35,484
Duval	19,088	16,277	2,811	51,819	43,948	7,871
Escambia	36,380	34,615	1,765	98,403	93,461	4,942
Flagler	90,652	81,988	8,664	245,627	221,368	24,259
Franklin	2,073	2,056	17	5,599	5,551	48
Gadsden	78,212	65,967	12,245	212,397	178,111	34,286
Gilchrist	48,612	45,046	3,566	131,609	121,624	9,985
Glades	27	0	27	76	0	76
Gulf	146,527	145,241	1,286	395,752	392,151	3,601
Hamilton	20,173	18,096	2,077	54,675	48,859	5,816
Hernando	739	424	315	2,027	1,145	882
Hillsborough	17	0	17	48	0	48
Holmes	55,819	53,919	1,900	150,901	145,581	5,320
Jackson	62,731	49,249	13,482	170,722	132,972	37,750
Jefferson	58,431	56,852	1,579	157,921	153,500	4,421
Lafayette	155,060	149,707	5,353	419,197	404,209	14,988
Lake	16,087	13,912	2,175	43,652	37,562	6,090
Leon	24,709	22,992	1,717	66,886	62,078	4,808
Levy	98,007	86,372	11,635	265,782	233,204	32,578
Liberty	8,626	6,746	1,880	23,478	18,214	5,264
Madison	52,252	51,854	398	141,120	140,006	1,114
Marion	69,993	64,071	5,922	189,574	172,992	16,582
Nassau	233,864	227,645	6,219	632,055	614,642	17,413
Okaloosa	43,936	41,750	2,186	118,846	112,725	6,121
Okeechobee	9	9	0	24	24	0
Orange	194	135	59	530	365	165
Osceola	148	83	65	406	224	182
Pasco	198	0	198	554	0	554
Polk	39	39	0	105	105	0
Putnam	89,687	71,992	17,695	243,924	194,378	49,546
St. Johns	112,286	102,482	9,804	304,152	276,701	27,451
Santa Rosa	81,061	78,258	2,803	219,145	211,297	7,848
Seminole	1,511	688	823	4,162	1,858	2,304
Sumter	2,941	2,941	0	7,941	7,941	0
Suwannee	66,994	66,427	567	180,941	179,353	1,588
Taylor	259,396	259,396	0	700,369	700,369	0
Union	76,123	74,937	1,186	205,651	202,330	3,321
Volusia	15,383	13,704	1,679	41,702	37,001	4,701
Wakulla	29,388	29,370	18	79,349	79,299	50
Walton	113,021	112,756	265	305,183	304,441	742
Washington	70,613	68,939	1,674	190,822	186,135	4,687
All counties	2,994,133	2,816,194	177,939	8,101,955	7,603,725	498,230

^a Counties with no pulpwood production are omitted.

Table A.10—Roundwood pulpwood production in Georgia, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Appling	200,569	183,210	17,359	543,272	494,667	48,605
Atkinson	54,466	42,981	11,485	148,207	116,049	32,158
Bacon	97,320	90,022	7,298	263,493	243,059	20,434
Baker	11,378	7,505	3,873	31,108	20,264	10,844
Baldwin	26,802	21,609	5,193	72,884	58,344	14,540
Banks	5,080	5,022	58	13,721	13,559	162
Barrow	790	733	57	2,139	1,979	160
Bartow	85,378	78,386	6,992	231,220	211,642	19,578
Ben Hill	5,010	4,476	534	13,580	12,085	1,495
Berrien	19,491	10,770	8,721	53,498	29,079	24,419
Bibb	30,116	23,001	7,115	82,025	62,103	19,922
Bleckley	36,719	32,267	4,452	99,587	87,121	12,466
Brantley	181,778	177,798	3,980	491,199	480,055	11,144
Brooks	28,588	28,264	324	77,220	76,313	907
Bryan	39,087	34,171	4,916	106,027	92,262	13,765
Bulloch	89,700	70,833	18,867	244,077	191,249	52,828
Burke	244,613	199,483	45,130	664,968	538,604	126,364
Butts	26,456	22,690	3,766	71,808	61,263	10,545
Calhoun	27,213	25,789	1,424	73,617	69,630	3,987
Camden	202,852	194,533	8,319	548,532	525,239	23,293
Candler	31,453	28,160	3,293	85,252	76,032	9,220
Carroll	101,214	93,594	7,620	274,040	252,704	21,336
Catoosa	8,397	4,507	3,890	23,061	12,169	10,892
Charlton	309,911	306,159	3,752	837,135	826,629	10,506
Chatham	19,742	14,563	5,179	53,821	39,320	14,501
Chattahoochee	34,633	24,964	9,669	94,476	67,403	27,073
Chattooga	37,997	32,312	5,685	103,160	87,242	15,918
Cherokee	38,556	29,104	9,452	105,047	78,581	26,466
Clarke	2,844	2,394	450	7,724	6,464	1,260
Clay	34,252	30,646	3,606	92,841	82,744	10,097
Clayton	1,956	1,776	180	5,299	4,795	504
Clinch	310,290	270,014	40,276	841,811	729,038	112,773
Cobb	1,534	1,189	345	4,176	3,210	966
Coffee	66,188	61,767	4,421	179,150	166,771	12,379
Colquitt	20,817	18,516	2,301	56,436	49,993	6,443
Columbia	20,797	11,112	9,685	57,120	30,002	27,118
Cook	57,968	55,363	2,605	156,774	149,480	7,294
Coweta	48,951	45,046	3,905	132,558	121,624	10,934
Crawford	94,140	85,400	8,740	255,052	230,580	24,472
Crisp	7,962	3,932	4,030	21,900	10,616	11,284
Dade	4,843	3,123	1,720	13,248	8,432	4,816
Dawson	22,197	21,509	688	60,000	58,074	1,926
Decatur	88,193	81,842	6,351	238,756	220,973	17,783
De Kalb	1,367	723	644	3,755	1,952	1,803
Dodge	100,510	83,050	17,460	273,123	224,235	48,888
Dooley	39,969	32,030	7,939	108,710	86,481	22,229
Dougherty	15,178	14,480	698	41,050	39,096	1,954
Douglas	5,893	4,363	1,530	16,064	11,780	4,284
Early	94,350	82,076	12,274	255,972	221,605	34,367
Echols	65,425	61,284	4,141	177,062	165,467	11,595
Effingham	183,828	165,199	18,629	498,198	446,037	52,161

continued

Table A.10—Roundwood pulpwood production in Georgia, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Elbert	23,512	14,779	8,733	64,355	39,903	24,452
Emanuel	207,084	184,035	23,049	561,432	496,895	64,537
Evans	49,731	46,550	3,181	134,592	125,685	8,907
Fannin	4,515	3,900	615	12,252	10,530	1,722
Fayette	3,669	2,882	787	9,985	7,781	2,204
Floyd	115,933	81,215	34,718	316,491	219,281	97,210
Forsyth	10,503	6,577	3,926	28,751	17,758	10,993
Franklin	10,243	2,029	8,214	28,477	5,478	22,999
Fulton	19,161	10,030	9,131	52,648	27,081	25,567
Gilmer	13,385	12,275	1,110	36,251	33,143	3,108
Glascok	19,886	18,263	1,623	53,854	49,310	4,544
Glynn	71,758	65,676	6,082	194,355	177,325	17,030
Gordon	43,314	38,408	4,906	117,439	103,702	13,737
Grady	46,860	37,590	9,270	127,449	101,493	25,956
Greene	43,079	22,716	20,363	118,349	61,333	57,016
Gwinnett	14,607	9,883	4,724	39,911	26,684	13,227
Habersham	19,060	13,628	5,432	52,006	36,796	15,210
Hall	6,497	2,123	4,374	17,979	5,732	12,247
Hancock	104,887	99,044	5,843	283,779	267,419	16,360
Haralson	69,372	63,744	5,628	187,867	172,109	15,758
Harris	70,488	58,954	11,534	191,471	159,176	32,295
Hart	3,931	420	3,511	10,965	1,134	9,831
Heard	57,924	57,208	716	156,467	154,462	2,005
Henry	17,673	9,780	7,893	48,506	26,406	22,100
Houston	57,306	49,687	7,619	155,488	134,155	21,333
Irwin	11,196	6,186	5,010	30,730	16,702	14,028
Jackson	20,653	7,646	13,007	57,064	20,644	36,420
Jasper	60,595	43,909	16,686	165,275	118,554	46,721
Jeff Davis	84,897	77,110	7,787	230,001	208,197	21,804
Jefferson	99,083	76,398	22,685	269,793	206,275	63,518
Jenkins	106,510	86,711	19,799	289,557	234,120	55,437
Johnson	113,201	92,175	21,026	307,746	248,873	58,873
Jones	34,978	29,123	5,855	95,026	78,632	16,394
Lamar	36,505	18,139	18,366	100,400	48,975	51,425
Lanier	49,166	48,189	977	132,846	130,110	2,736
Laurens	155,076	112,022	43,054	423,010	302,459	120,551
Lee	23,257	17,429	5,828	63,376	47,058	16,318
Liberty	83,577	61,006	22,571	227,915	164,716	63,199
Lincoln	25,923	17,991	7,932	70,786	48,576	22,210
Long	130,473	120,541	9,932	353,271	325,461	27,810
Lowndes	112,048	106,358	5,690	303,099	287,167	15,932
Lumpkin	10,365	7,995	2,370	28,223	21,587	6,636
Macon	63,062	58,849	4,213	170,688	158,892	11,796
Madison	16,575	3,364	13,211	46,074	9,083	36,991
Marion	123,919	112,387	11,532	335,735	303,445	32,290
McDuffie	30,946	24,109	6,837	84,238	65,094	19,144
McIntosh	87,613	78,455	9,158	237,471	211,829	25,642
Meriwether	86,163	76,153	10,010	233,641	205,613	28,028
Miller	10,028	9,911	117	27,088	26,760	328
Mitchell	14,298	13,509	789	38,683	36,474	2,209
Monroe	72,754	58,219	14,535	197,889	157,191	40,698

continued

Table A.10—Roundwood pulpwood production in Georgia, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Montgomery	87,687	77,491	10,196	237,775	209,226	28,549
Morgan	20,532	14,161	6,371	56,074	38,235	17,839
Murray	37,397	26,123	11,274	102,099	70,532	31,567
Muscogee	13,220	4,663	8,557	36,550	12,590	23,960
Newton	14,442	9,675	4,767	39,471	26,123	13,348
Oconee	3,204	689	2,515	8,902	1,860	7,042
Oglethorpe	13,652	7,389	6,263	37,486	19,950	17,536
Paulding	75,554	57,575	17,979	205,794	155,453	50,341
Peach	12,354	11,827	527	33,409	31,933	1,476
Pickens	28,868	26,255	2,613	78,205	70,889	7,316
Pierce	103,167	91,870	11,297	279,681	248,049	31,632
Pike	10,842	10,160	682	29,342	27,432	1,910
Polk	49,132	41,392	7,740	133,430	111,758	21,672
Pulaski	25,578	20,670	4,908	69,551	55,809	13,742
Putnam	37,618	31,278	6,340	102,203	84,451	17,752
Quitman	45,928	42,831	3,097	124,316	115,644	8,672
Rabun	1,414	541	873	3,905	1,461	2,444
Randolph	162,470	145,835	16,635	440,333	393,755	46,578
Richmond	36,729	26,045	10,684	100,237	70,322	29,915
Rockdale	1,082	907	175	2,939	2,449	490
Schley	49,856	49,720	136	134,625	134,244	381
Screven	168,820	132,348	36,472	459,462	357,340	102,122
Seminole	12,244	11,170	1,074	33,166	30,159	3,007
Spalding	11,196	10,558	638	30,293	28,507	1,786
Stephens	6,943	2,827	4,116	19,158	7,633	11,525
Stewart	143,564	117,962	25,602	390,183	318,497	71,686
Sumter	65,834	63,821	2,013	177,953	172,317	5,636
Talbot	87,237	78,536	8,701	236,410	212,047	24,363
Taliaferro	23,120	19,427	3,693	62,793	52,453	10,340
Tattnall	105,112	94,314	10,798	284,882	254,648	30,234
Taylor	75,212	72,905	2,307	203,304	196,844	6,460
Telfair	55,789	44,919	10,870	151,717	121,281	30,436
Terrell	28,651	24,610	4,041	77,762	66,447	11,315
Thomas	38,349	35,579	2,770	103,819	96,063	7,756
Tift	10,214	4,791	5,423	28,120	12,936	15,184
Toombs	114,359	100,497	13,862	310,156	271,342	38,814
Towns	2,087	1,436	651	5,700	3,877	1,823
Treutlen	41,587	36,573	5,014	112,786	98,747	14,039
Troup	62,969	33,413	29,556	172,972	90,215	82,757
Turner	6,603	4,041	2,562	18,085	10,911	7,174
Twiggs	110,443	81,551	28,892	301,086	220,188	80,898
Union	9,045	8,533	512	24,473	23,039	1,434
Upson	71,510	62,555	8,955	193,973	168,899	25,074
Walker	29,029	21,493	7,536	79,132	58,031	21,101
Walton	6,751	3,471	3,280	18,556	9,372	9,184
Ware	168,087	153,466	14,621	455,297	414,358	40,939
Warren	54,762	50,965	3,797	148,238	137,606	10,632
Washington	170,813	148,866	21,947	463,390	401,938	61,452
Wayne	208,763	194,489	14,274	565,087	525,120	39,967
Webster	89,994	79,405	10,589	244,043	214,394	29,649
Wheeler	64,278	57,171	7,107	174,262	154,362	19,900

continued

Table A.10—Roundwood pulpwood production in Georgia, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
White	1,099	639	460	3,013	1,725	1,288
Whitfield	75,747	66,736	9,011	205,418	180,187	25,231
Wilcox	33,114	26,797	6,317	90,040	72,352	17,688
Wilkes	47,905	32,064	15,841	130,928	86,573	44,355
Wilkinson	136,993	60,578	76,415	377,523	163,561	213,962
Worth	27,524	26,577	947	74,410	71,758	2,652
All counties	9,248,473	7,861,200	1,387,273	25,109,614	21,225,245	3,884,369

^a Counties with no pulpwood production are omitted.

Table A.11—Roundwood pulpwood production in Illinois, Indiana, and Missouri, 2008

State and county ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Illinois						
Alexander	578	—	578	1,455	—	1,455
De Kalb	3,937	3,346	591	8,402	7,015	1,387
Gallatin	1,977	78	1,900	4,981	196	4,785
Hardin	557	—	557	1,446	—	1,446
Jackson	786	79	707	2,008	199	1,809
Johnson	1,275	39	1,236	3,321	81	3,240
Lee	3	3	—	7	7	—
Ogle	1,115	1,086	29	2,351	2,274	77
Perry	688	—	688	1,822	—	1,822
Pulaski	3,251	—	3,251	7,976	—	7,976
St. Clair	31	31	—	78	78	—
Saline	3,606	238	3,368	9,417	601	8,816
Union	274	—	274	711	—	711
White	217	—	217	526	—	526
Williamson	3,589	2,333	1,256	8,953	5,766	3,187
Total	21,885	7,233	14,652	53,454	16,217	37,237
Indiana						
Dubois	2,910	—	2,910	7,356	—	7,356
Elkhart	12	—	12	29	—	29
Fountain	11	—	11	28	—	28
Greene	11	—	11	28	—	28
Harrison	303	303	—	647	647	—
Knox	5,848	—	5,848	14,557	—	14,557
Martin	198	—	198	511	—	511
Perry	319	319	—	681	681	—
Pike	8	8	—	18	18	—
Posey	12	—	12	32	—	32
Sullivan	18,251	—	18,251	45,913	—	45,913
Tipton	198	—	198	459	—	459
Vanderburgh	619	—	619	1,474	—	1,474
Vigo	775	—	775	1,895	—	1,895
Wabash	38	—	38	90	—	90
Warrick	20	—	20	53	—	53
Total	29,534	631	28,903	73,771	1,346	72,425
Missouri						
Cape Girardeau	26	—	26	69	—	69
Carter ^b	1,071	—	1,071	2,606	—	2,606
Crawford	998	—	998	2,707	—	2,707
Howell	20,628	—	20,628	57,485	—	57,485
Iron	159	—	159	440	—	440
Jefferson	2,827	—	2,827	7,580	—	7,580
New Madrid	5,932	—	5,932	13,831	—	13,831
Newton	599	—	599	1,670	—	1,670
Pemiscot	21	—	21	53	—	53
Ripley	694	—	694	1,879	—	1,879
Shannon	694	—	694	1,916	—	1,916
Stoddard	9	9	—	24	24	—
Taney	8	—	8	23	—	23
Texas	107	—	107	292	—	292
Washington	6,433	—	6,433	17,664	—	17,664
Total	40,206	9	40,197	108,239	24	108,215

— = no value for the cell

^a Counties with no pulpwood production are omitted.

^b Includes Boone, Cole, Cooper, Howard, Moniteau, Morgan, Pettis, and Saline Counties, to avoid disclosure of individual mills.

Table A.12—Roundwood pulpwood production in Kentucky, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Ballard	9,832	0	9,832	27,530	0	27,530
Breckinridge	20,178	0	20,178	56,498	0	56,498
Caldwell	7,854	111	7,743	21,980	300	21,680
Calloway	5,107	3,281	1,826	13,972	8,859	5,113
Carlisle	13,779	10	13,769	38,580	27	38,553
Christian	10,751	9,941	810	29,109	26,841	2,268
Crittenden	10,450	4,545	5,905	28,806	12,272	16,534
Daviess	2,277	2,115	162	6,165	5,711	454
Fulton	954	11	943	2,670	30	2,640
Graves	5,205	225	4,980	14,552	608	13,944
Grayson	2,488	0	2,488	6,966	0	6,966
Greenup	53,825	173	53,652	150,693	467	150,226
Hickman	1,484	181	1,303	4,137	489	3,648
Hopkins	3,188	585	2,603	8,868	1,580	7,288
Jefferson	7	7	0	19	19	0
Knox	41,756	13	41,743	116,915	35	116,880
Laurel	58,385	3,440	54,945	163,134	9,288	153,846
Lewis	1,361	0	1,361	3,811	0	3,811
Livingston	12,920	12,095	825	34,967	32,657	2,310
Logan	170	0	170	476	0	476
Lyon	3,455	1,168	2,287	9,558	3,154	6,404
Marshall	4,833	215	4,618	13,511	581	12,930
McCracken	334	0	334	935	0	935
McCreary	3,519	739	2,780	9,779	1,995	7,784
McLean	1,054	0	1,054	2,951	0	2,951
Metcalfe	541	0	541	1,515	0	1,515
Muhlenberg	2,054	1,306	748	5,620	3,526	2,094
Ohio	43,820	43	43,777	122,692	116	122,576
Pike	25	0	25	70	0	70
Trigg	9,035	4,413	4,622	24,857	11,915	12,942
Union	463	0	463	1,296	0	1,296
Whitley	6,308	743	5,565	17,588	2,006	15,582
All counties	337,412	45,360	292,052	940,220	122,476	817,744

^a Counties with no pulpwood production are omitted.

Table A.13—Roundwood pulpwood production in Louisiana, 2008

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Acadia	490	394	96	1,333	1,064	269
Allen	141,219	114,210	27,009	383,992	308,367	75,625
Ascension	4,633	659	3,974	12,906	1,779	11,127
Assumption	2,338	0	2,338	6,546	0	6,546
Avoyelles	8,481	4,040	4,441	23,343	10,908	12,435
Beauregard	336,273	301,828	34,445	911,382	814,936	96,446
Bienville	100,464	87,355	13,109	272,564	235,859	36,705
Bossier	116,372	60,944	55,428	319,747	164,549	155,198
Caddo	74,163	36,216	37,947	204,035	97,783	106,252
Calcasieu	75,620	75,620	0	204,174	204,174	0
Caldwell	127,568	108,211	19,357	346,370	292,170	54,200
Catahoula	26,647	23,093	3,554	72,302	62,351	9,951
Claiborne	126,996	104,249	22,747	345,164	281,472	63,692
Concordia	24,729	957	23,772	69,146	2,584	66,562
De Soto	244,935	201,492	43,443	665,668	544,028	121,640
East Baton Rouge	14,719	5,373	9,346	40,676	14,507	26,169
East Carroll	2,535	101	2,434	7,088	273	6,815
East Feliciana	71,257	51,035	20,222	194,417	137,795	56,622
Evangeline	29,680	29,394	286	80,165	79,364	801
Franklin	9,459	5,011	4,448	25,984	13,530	12,454
Grant	100,142	77,792	22,350	272,618	210,038	62,580
Iberia	40	0	40	112	0	112
Iberville	8,211	88	8,123	22,982	238	22,744
Jackson	277,912	262,692	15,220	751,884	709,268	42,616
Jefferson	50	12	38	138	32	106
Jefferson Davis	7,448	7,430	18	20,111	20,061	50
La Salle	231,133	203,357	27,776	626,837	549,064	77,773
Lafayette	70	20	50	194	54	140
Lafourche	1,388	0	1,388	3,886	0	3,886
Lincoln	122,255	102,801	19,454	332,034	277,563	54,471
Livingston	66,480	41,007	25,473	182,043	110,719	71,324
Madison	22,416	124	22,292	62,753	335	62,418
Morehouse	82,413	55,162	27,251	225,240	148,937	76,303
Natchitoches	205,862	166,065	39,797	559,808	448,376	111,432
Orleans	12	12	0	32	32	0
Ouachita	59,544	47,398	12,146	161,984	127,975	34,009
Plaquemines	45	0	45	126	0	126
Pointe Coupee	55,293	0	55,293	154,820	0	154,820
Rapides	150,318	124,108	26,210	408,480	335,092	73,388
Red River	54,909	43,433	11,476	149,402	117,269	32,133
Richland	7,616	2,834	4,782	21,042	7,652	13,390
Sabine	234,627	199,891	34,736	636,967	539,706	97,261
St. Charles	31	0	31	87	0	87
St. Helena	54,568	42,368	12,200	148,554	114,394	34,160
St. James	3,760	7	3,753	10,527	19	10,508
St. John the Baptist	39	0	39	109	0	109

continued

Table A.13—Roundwood pulpwood production in Louisiana, 2008 (continued)

Parish ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
St. Landry	3,698	2,485	1,213	10,106	6,710	3,396
St. Martin	2,924	32	2,892	8,184	86	8,098
St. Mary	162	0	162	454	0	454
St. Tammany	120,974	119,921	1,053	326,735	323,787	2,948
Tangipahoa	67,745	58,225	9,520	183,864	157,208	26,656
Tensas	1,140	0	1,140	3,192	0	3,192
Terrebonne	4,507	10	4,497	12,619	27	12,592
Union	312,329	206,163	106,166	853,905	556,640	297,265
Vermilion	139	139	0	375	375	0
Vernon	321,074	278,903	42,171	871,117	753,038	118,079
Washington	48,241	42,365	5,876	130,839	114,386	16,453
Webster	87,250	57,053	30,197	238,595	154,043	84,552
West Baton Rouge	16,339	27	16,312	45,747	73	45,674
West Carroll	2,833	1,972	861	7,735	5,324	2,411
West Feliciana	41,999	18,546	23,453	115,742	50,074	65,668
Winn	411,691	356,808	54,883	1,117,054	963,382	153,672
All parishes	4,728,205	3,729,432	998,773	12,866,035	10,069,470	2,796,565

^a Parishes with no pulpwood production are omitted.

Table A.14—Roundwood pulpwood production in Maine, New Hampshire, and Vermont, 2008

State and county ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Maine						
Androscoggin	36,289	22,742	13,547	84,304	50,661	33,643
Aroostook	571,338	126,166	445,171	1,406,458	262,749	1,143,709
Cumberland	70,754	47,918	22,835	164,660	106,759	57,901
Franklin	204,258	91,297	112,962	476,601	191,853	284,748
Hancock	143,645	55,232	88,413	339,383	116,726	222,657
Kennebec	42,715	24,558	18,157	99,406	54,444	44,963
Knox	17,075	12,229	4,846	37,841	25,589	12,252
Lincoln	24,865	18,468	6,397	56,091	40,232	15,859
Oxford	319,727	124,834	194,892	770,928	275,369	495,559
Penobscot	611,889	203,379	408,510	1,498,188	462,544	1,035,643
Piscataquis	320,069	131,481	188,587	756,257	274,286	481,970
Sagadahoc	13,487	10,636	2,850	30,224	23,177	7,047
Somerset	542,340	201,250	341,090	1,285,831	422,164	863,666
Waldo	42,891	24,876	18,015	97,879	53,651	44,228
Washington	142,683	76,474	66,209	332,062	164,570	167,492
York	63,196	44,492	18,703	146,706	99,211	47,495
Total	3,167,221	1,216,034	1,951,186	7,582,819	2,623,986	4,958,833
New Hampshire						
Belknap	7,035	5,213	1,822	15,748	11,149	4,599
Carroll	68,066	44,219	23,847	161,437	100,273	61,164
Cheshire	18,048	11,730	6,317	40,582	25,088	15,494
Coos	166,843	32,225	134,618	410,131	68,812	341,318
Grafton	85,661	52,963	32,697	199,268	117,119	82,149
Hillsborough	11,851	9,210	2,641	26,346	19,755	6,590
Merrimack	53,396	44,410	8,986	122,567	100,249	22,318
Rockingham	11,077	9,161	1,916	24,552	19,637	4,915
Strafford	6,711	3,747	2,964	15,510	8,120	7,390
Sullivan	11,186	7,142	4,045	25,159	15,216	9,943
Total	439,874	220,021	219,853	1,041,299	485,418	555,881
Vermont						
Addison	7,276	2,750	4,526	17,227	5,932	11,295
Bennington	9,699	3,585	6,114	23,094	7,546	15,548
Caledonia	23,217	11,202	12,015	54,374	24,307	30,067
Chittenden	5,273	1,652	3,621	12,349	3,602	8,747
Essex	35,015	4,898	30,116	85,447	10,032	75,415
Franklin	10,855	7,194	3,661	24,553	15,443	9,110
Grand Isle	159	123	36	344	257	87
Lamoille	7,319	4,535	2,783	16,774	9,823	6,951
Orange	19,477	13,934	5,544	44,371	30,451	13,920
Orleans	10,910	5,646	5,263	25,135	11,946	13,189
Rutland	25,107	14,764	10,343	57,352	31,936	25,416
Washington	17,796	12,013	5,783	39,229	25,113	14,116
Windham	28,717	22,417	6,300	64,249	48,562	15,687
Windsor	33,532	22,145	11,387	76,259	47,716	28,543
Total	234,350	126,858	107,492	540,758	272,666	268,092

^a Counties with no pulpwood production are omitted.

Table A.15—Roundwood pulpwood production in Michigan, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alcona	8,333	—	8,333	19,652	—	19,652
Alger	97,049	21,397	75,652	239,883	46,796	193,087
Alpena	8,224	379	7,845	19,432	756	18,676
Antrim	10,721	—	10,721	26,940	—	26,940
Arenac	1,894	—	1,894	4,750	—	4,750
Baraga	100,415	21,028	79,387	248,296	46,752	201,544
Bay	79	—	79	184	—	184
Benzie	14,783	—	14,783	36,851	—	36,851
Branch	579	579	—	1,235	1,235	—
Charlevoix	2,410	—	2,410	6,118	—	6,118
Cheboygan	24,411	193	24,218	58,680	412	58,268
Chippewa	58,370	22,506	35,864	138,586	47,656	90,930
Clare	7,009	—	7,009	17,381	—	17,381
Crawford	8,013	1,819	6,194	19,098	3,905	15,193
Delta	82,983	33,648	49,334	195,357	72,609	122,748
Dickinson	57,761	17,566	40,195	138,126	37,299	100,827
Emmet	2,922	449	2,473	7,012	958	6,054
Gladwin	6,971	53	6,918	16,977	113	16,864
Gogebic	65,697	4,709	60,988	170,103	10,410	159,693
Grand Traverse	8,551	—	8,551	21,144	—	21,144
Houghton	78,853	13,773	65,080	195,806	30,774	165,032
Iosco	479	12	467	1,117	26	1,091
Iron	91,249	27,801	63,448	223,069	59,161	163,908
Isabella	3,590	—	3,590	8,821	—	8,821
Kalkaska	19,104	614	18,490	47,104	1,307	45,797
Kent	287	—	287	669	—	669
Keweenaw	56,837	3,140	53,697	143,996	6,908	137,087
Lake	7,436	—	7,436	19,303	—	19,303
Leelanau	2,841	—	2,841	7,412	—	7,412
Luce	95,665	21,757	73,908	237,917	46,641	191,276
Mackinac	49,911	16,486	33,425	119,074	34,701	84,373
Manistee	9,705	—	9,705	25,415	—	25,415
Marquette	225,634	66,180	159,454	544,266	145,302	398,964
Mason	26,168	—	26,168	63,567	—	63,567
Mecosta	5,559	88	5,471	13,327	213	13,114
Menominee	82,521	29,856	52,665	196,722	64,656	132,067
Midland	1,826	—	1,826	4,544	—	4,544
Missaukee	2,821	17	2,804	7,079	36	7,043
Montcalm	1,391	—	1,391	3,260	—	3,260
Montmorency	15,579	890	14,690	36,882	1,842	35,039
Muskegon	86	—	86	217	—	217
Newaygo	6,482	—	6,482	15,926	—	15,926
Oceana	9,957	—	9,957	25,373	—	25,373
Ogemaw	7,299	—	7,299	17,514	—	17,514
Ontonagon	108,903	11,011	97,893	266,155	24,903	241,252
Osceola	15,487	14	15,473	37,457	29	37,428
Oscoda	2,005	209	1,797	4,675	445	4,230
Otsego	25,607	60	25,547	62,199	129	62,070
Ottawa	505	—	505	1,301	—	1,301
Presque Isle	6,070	1,658	4,411	14,007	3,403	10,604
Roscommon	1,862	—	1,862	4,658	—	4,658
Schoolcraft	63,480	21,105	42,376	150,636	45,021	105,615
Wexford	10,736	128	10,608	26,311	273	26,038
All counties	1,603,111	339,125	1,263,986	3,911,583	734,672	3,176,911

^a Counties with no pulpwood production are omitted.

Table A.16—Roundwood pulpwood production in Minnesota, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Aitkin	124,934	9,836	115,098	291,691	20,526	271,164
Becker	8,831	2,417	6,414	20,062	5,051	15,011
Beltrami	88,375	24,678	63,698	201,993	52,581	149,412
Benton	551	102	449	1,273	218	1,055
Carlton	63,009	6,368	56,641	147,397	13,333	134,063
Cass	62,170	3,850	58,320	144,966	8,035	136,931
Chisago	279	—	279	687	—	687
Clearwater	5,530	2,915	2,616	12,236	6,140	6,096
Cook	10,022	9,643	378	20,715	19,832	883
Crow Wing	49,108	1,303	47,805	115,054	2,773	112,281
Douglas	5,942	—	5,942	13,848	—	13,848
Goodhue	671	—	671	1,587	—	1,587
Hubbard	16,237	3,887	12,350	36,943	8,141	28,802
Isanti	1,065	91	974	2,458	186	2,273
Itasca	255,759	76,881	178,878	581,662	160,396	421,266
Kanabec	17,842	268	17,574	41,721	571	41,150
Kandiyohi	4,370	—	4,370	10,184	—	10,184
Koochiching	199,693	116,518	83,175	435,991	241,640	194,351
Lake	49,689	27,520	22,169	110,213	55,931	54,282
Lake of the Woods	44,368	24,225	20,142	98,775	51,711	47,064
Mahnomen	68	68	—	145	145	—
Mille Lacs	6,570	175	6,395	15,469	350	15,119
Morrison	8,200	108	8,092	19,124	231	18,893
Olmsted	16	16	—	33	33	—
Otter Tail	817	—	817	1,906	—	1,906
Pennington	193	14	179	445	28	417
Pine	100,235	3,642	96,593	237,388	7,685	229,703
Polk	2,345	—	2,345	5,465	—	5,465
Ramsey	82	54	27	183	116	67
Red Lake	29	—	29	68	—	68
Roseau	2,839	2,839	—	5,756	5,756	—
St. Louis	418,730	145,716	273,014	950,298	303,667	646,632
Sherburne	82	—	82	191	—	191
Stearns	226	66	161	509	132	377
Todd	15,865	125	15,739	36,953	267	36,686
Wadena	6,777	167	6,610	15,759	344	15,415
Washington	107	—	107	268	—	268
Wright	13	—	13	30	—	30
All counties	1,571,640	463,492	1,108,148	3,579,446	965,818	2,613,628

^a Counties with no pulpwood production are omitted.

Table A.17—Roundwood pulpwood production in Mississippi, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	31,860	17,893	13,967	87,419	48,311	39,108
Alcorn	32,534	22,664	9,870	88,829	61,193	27,636
Amite	193,911	109,142	84,769	532,036	294,683	237,353
Attala	58,482	43,625	14,857	159,388	117,788	41,600
Benton	22,923	17,086	5,837	62,476	46,132	16,344
Bolivar	14,753	837	13,916	41,225	2,260	38,965
Calhoun	59,806	49,390	10,416	162,518	133,353	29,165
Carroll	47,904	25,040	22,864	131,627	67,608	64,019
Chickasaw	35,598	27,399	8,199	96,934	73,977	22,957
Choctaw	72,595	66,263	6,332	196,640	178,910	17,730
Claiborne	43,933	22,120	21,813	120,800	59,724	61,076
Clarke	124,788	101,869	22,919	339,219	275,046	64,173
Clay	32,401	22,686	9,715	88,454	61,252	27,202
Coahoma	145	0	145	406	0	406
Copiah	105,760	72,617	33,143	288,866	196,066	92,800
Covington	71,182	60,565	10,617	193,254	163,526	29,728
DeSoto	1,505	442	1,063	4,169	1,193	2,976
Forrest	22,694	20,141	2,553	61,529	54,381	7,148
Franklin	59,317	53,170	6,147	160,771	143,559	17,212
George	35,291	35,281	10	95,287	95,259	28
Greene	176,837	163,821	13,016	478,762	442,317	36,445
Grenada	12,167	9,771	2,396	33,091	26,382	6,709
Hancock	29,836	29,709	127	80,570	80,214	356
Harrison	58,450	57,921	529	157,868	156,387	1,481
Hinds	57,782	33,369	24,413	158,452	90,096	68,356
Holmes	75,604	35,257	40,347	208,166	95,194	112,972
Humphreys	1,554	11	1,543	4,350	30	4,320
Issaquena	9,231	30	9,201	25,844	81	25,763
Itawamba	72,796	34,573	38,223	200,371	93,347	107,024
Jackson	37,822	37,634	188	102,138	101,612	526
Jasper	91,735	76,540	15,195	249,204	206,658	42,546
Jefferson	66,833	46,589	20,244	182,473	125,790	56,683
Jefferson Davis	51,756	51,215	541	139,796	138,281	1,515
Jones	115,292	83,299	31,993	314,487	224,907	89,580
Kemper	126,661	94,203	32,458	345,230	254,348	90,882
Lafayette	31,656	25,415	6,241	86,096	68,621	17,475
Lamar	56,022	53,873	2,149	151,474	145,457	6,017
Lauderdale	194,152	79,781	114,371	535,648	215,409	320,239
Lawrence	106,772	100,527	6,245	288,909	271,423	17,486
Leake	62,715	52,454	10,261	170,357	141,626	28,731
Lee	7,614	4,884	2,730	20,831	13,187	7,644
Leflore	4,638	0	4,638	12,986	0	12,986
Lincoln	295,253	198,065	97,188	806,902	534,776	272,126
Lowndes	25,561	24,386	1,175	69,132	65,842	3,290
Madison	48,708	32,836	15,872	133,099	88,657	44,442
Marion	99,337	54,119	45,218	272,731	146,121	126,610

continued

Table A.17—Roundwood pulpwood production in Mississippi, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Marshall	24,487	13,350	11,137	67,229	36,045	31,184
Monroe	71,308	24,135	47,173	197,249	65,165	132,084
Montgomery	30,588	16,717	13,871	83,975	45,136	38,839
Neshoba	69,688	48,673	21,015	190,259	131,417	58,842
Newton	58,663	45,061	13,602	159,751	121,665	38,086
Noxubee	66,439	64,244	2,195	179,605	173,459	6,146
Oktibbeha	42,642	41,335	1,307	115,265	111,605	3,660
Panola	93,864	39,665	54,199	258,853	107,096	151,757
Pearl River	89,176	74,598	14,578	242,233	201,415	40,818
Perry	130,019	125,613	4,406	351,492	339,155	12,337
Pike	16,338	15,225	1,113	44,224	41,108	3,116
Pontotoc	37,877	27,520	10,357	103,304	74,304	29,000
Prentiss	19,233	11,882	7,351	52,664	32,081	20,583
Quitman	84	0	84	235	0	235
Rankin	101,213	84,302	16,911	274,966	227,615	47,351
Scott	30,673	25,756	4,917	83,309	69,541	13,768
Sharkey	4,531	0	4,531	12,687	0	12,687
Simpson	278,000	241,958	36,042	754,205	653,287	100,918
Smith	122,063	119,041	3,022	329,873	321,411	8,462
Stone	38,076	38,060	16	102,807	102,762	45
Sunflower	55	0	55	154	0	154
Tallahatchie	13,219	9,809	3,410	36,032	26,484	9,548
Tate	4,046	2,641	1,405	11,065	7,131	3,934
Tippah	70,195	41,293	28,902	192,417	111,491	80,926
Tishomingo	86,953	61,352	25,601	237,333	165,650	71,683
Tunica	114	0	114	319	0	319
Union	32,968	17,423	15,545	90,568	47,042	43,526
Walthall	52,431	48,515	3,916	141,956	130,991	10,965
Warren	25,262	1,246	24,016	70,609	3,364	67,245
Washington	3,809	43	3,766	10,661	116	10,545
Wayne	193,429	133,947	59,482	528,207	361,657	166,550
Webster	64,406	53,799	10,607	174,957	145,257	29,700
Wilkinson	93,136	59,241	33,895	254,857	159,951	94,906
Winston	210,344	134,950	75,394	575,468	364,365	211,103
Yalobusha	45,656	38,875	6,781	123,950	104,963	18,987
Yazoo	24,045	6,540	17,505	66,672	17,658	49,014
All counties	5,229,196	3,815,321	1,413,875	14,260,224	10,301,371	3,958,853

^a Counties with no pulpwood production are omitted.

Table A.18—Roundwood pulpwood production in New York, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Albany	2,168	1,709	459	4,777	3,607	1,170
Allegany	4,234	1,683	2,551	9,785	3,591	6,193
Broome	4,748	378	4,370	11,721	841	10,880
Cattaraugus	7,592	1,640	5,951	18,211	3,463	14,748
Cayuga	825	825	—	1,735	1,735	—
Chautauqua	675	664	11	1,442	1,416	26
Chemung	3,029	407	2,622	7,392	888	6,504
Chenango	5,582	80	5,502	13,854	186	13,668
Clinton	18,055	4,862	13,193	43,778	10,343	33,435
Columbia	303	131	172	750	295	456
Cortland	4,720	1,852	2,868	11,069	3,959	7,110
Delaware	4,107	2,725	1,382	9,901	6,449	3,452
Dutchess	231	231	—	535	535	—
Essex	80,125	22,916	57,209	198,090	50,154	147,936
Franklin	57,205	4,404	52,801	147,388	9,324	138,064
Fulton	15,991	10,840	5,151	37,370	24,546	12,824
Greene	1,971	1,515	456	4,678	3,486	1,192
Hamilton	46,697	8,688	38,008	116,538	18,912	97,626
Herkimer	12,318	4,701	7,616	29,495	10,072	19,423
Jefferson	4,207	1,838	2,369	9,792	3,936	5,856
Lewis	28,304	8,925	19,379	68,602	19,811	48,791
Livingston	1,722	75	1,647	4,425	157	4,268
Madison	114	14	100	274	31	243
Monroe	134	134	—	281	281	—
Montgomery	1,926	896	1,030	4,628	2,107	2,521
Oneida	8,638	4,622	4,017	20,123	9,872	10,251
Onondaga	928	902	26	1,957	1,891	66
Oswego	3,838	3,281	557	9,195	7,845	1,350
Otsego	1,393	830	563	3,305	1,871	1,434
Rensselaer	19,916	9,659	10,256	49,012	22,723	26,289
St. Lawrence	87,827	7,270	80,557	224,675	15,583	209,092
Saratoga	63,296	24,396	38,900	155,598	55,402	100,196
Schenectady	92	92	—	192	192	—
Schoharie	3,050	1,981	1,069	7,342	4,615	2,727
Schuyler	3,764	2,331	1,433	8,499	4,989	3,510
Steuben	9,857	3,454	6,403	23,497	7,318	16,178
Sullivan	732	699	34	1,659	1,573	86
Tioga	3,111	1,231	1,880	7,408	2,672	4,736
Tompkins	2,794	69	2,725	6,824	144	6,680
Ulster	17	10	7	42	24	18
Warren	52,100	25,642	26,458	124,998	56,770	68,228
Washington	20,748	11,057	9,690	50,465	25,504	24,961
Wayne	123	82	41	264	165	99
Wyoming	278	—	278	692	—	692
Yates	22	22	—	49	49	—
All counties	589,507	179,766	409,741	1,452,306	399,328	1,052,978

^a Counties with no pulpwood production are omitted.

Table A.19—Roundwood pulpwood production in North Carolina, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Alamance	6,319	1,996	4,323	17,493	5,389	12,104
Alexander	1,571	167	1,404	4,382	451	3,931
Alleghany	7,211	104	7,107	20,181	281	19,900
Anson	69,402	60,618	8,784	188,264	163,669	24,595
Ashe	5,731	753	4,978	15,971	2,033	13,938
Avery	15	0	15	42	0	42
Beaufort	158,758	124,955	33,803	432,027	337,379	94,648
Bertie	163,337	126,460	36,877	444,698	341,442	103,256
Bladen	55,733	40,071	15,662	152,046	108,192	43,854
Brunswick	130,008	117,863	12,145	352,236	318,230	34,006
Buncombe	10,529	4,815	5,714	29,000	13,001	15,999
Burke	29,342	11,524	17,818	81,005	31,115	49,890
Cabarrus	4,478	2,571	1,907	12,282	6,942	5,340
Caldwell	558	26	532	1,560	70	1,490
Camden	28,927	6,850	22,077	80,311	18,495	61,816
Carteret	25,907	24,400	1,507	70,100	65,880	4,220
Caswell	20,346	1,330	19,016	56,836	3,591	53,245
Catawba	3,875	516	3,359	10,798	1,393	9,405
Chatham	3,399	62	3,337	9,511	167	9,344
Cherokee	41,001	18,827	22,174	112,920	50,833	62,087
Chowan	20,291	12,099	8,192	55,605	32,667	22,938
Clay	12,897	6,112	6,785	35,500	16,502	18,998
Cleveland	23,474	15,216	8,258	64,205	41,083	23,122
Columbus	73,861	59,488	14,373	200,862	160,618	40,244
Craven	124,566	80,211	44,355	340,764	216,570	124,194
Cumberland	37,389	27,095	10,294	101,980	73,157	28,823
Currituck	33,872	4,411	29,461	94,401	11,910	82,491
Dare	26	22	4	70	59	11
Davidson	3,188	2,230	958	8,703	6,021	2,682
Davie	4,650	484	4,166	12,972	1,307	11,665
Duplin	74,762	46,294	28,468	204,704	124,994	79,710
Durham	2,645	721	1,924	7,334	1,947	5,387
Edgecombe	67,785	42,396	25,389	185,558	114,469	71,089
Forsyth	4,737	1,405	3,332	13,124	3,794	9,330
Franklin	22,949	9,568	13,381	63,301	25,834	37,467
Gaston	12,307	8,066	4,241	33,653	21,778	11,875
Gates	141,115	91,279	49,836	385,994	246,453	139,541
Graham	7,142	0	7,142	19,998	0	19,998
Granville	28,050	4,746	23,304	78,065	12,814	65,251
Greene	27,361	11,172	16,189	75,493	30,164	45,329
Guilford	8,428	1,021	7,407	23,497	2,757	20,740
Halifax	97,952	52,221	45,731	269,044	140,997	128,047
Harnett	16,354	8,691	7,663	44,922	23,466	21,456
Haywood	30,050	8,445	21,605	83,296	22,802	60,494
Hertford	72,016	45,453	26,563	197,099	122,723	74,376
Hoke	46,939	43,169	3,770	127,112	116,556	10,556
Hyde	50,117	46,576	3,541	135,670	125,755	9,915
Iredell	5,991	345	5,646	16,741	932	15,809

continued

Table A.19—Roundwood pulpwood production in North Carolina, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Johnston	37,299	12,390	24,909	103,198	33,453	69,745
Jones	85,617	61,247	24,370	233,603	165,367	68,236
Lee	4,074	2,440	1,634	11,163	6,588	4,575
Lenoir	29,706	19,455	10,251	81,232	52,529	28,703
Lincoln	6,014	3,186	2,828	16,520	8,602	7,918
Macon	29,920	6,379	23,541	83,138	17,223	65,915
Martin	121,903	70,642	51,261	334,264	190,733	143,531
McDowell	31,058	14,631	16,427	85,500	39,504	45,996
Mecklenburg	12,086	2,639	9,447	33,577	7,125	26,452
Montgomery	37,442	35,853	1,589	101,252	96,803	4,449
Moore	36,053	26,777	9,276	98,271	72,298	25,973
Nash	52,269	24,439	27,830	143,909	65,985	77,924
New Hanover	4,997	4,459	538	13,545	12,039	1,506
Northampton	87,698	55,135	32,563	240,041	148,865	91,176
Onslow	172,386	141,425	30,961	468,539	381,848	86,691
Orange	3,491	0	3,491	9,775	0	9,775
Pamlico	78,285	45,012	33,273	214,696	121,532	93,164
Pasquotank	19,701	7,930	11,771	54,370	21,411	32,959
Pender	83,090	67,753	15,337	225,877	182,933	42,944
Perquimans	22,206	13,821	8,385	60,795	37,317	23,478
Person	14,216	123	14,093	39,792	332	39,460
Pitt	109,642	67,433	42,209	300,254	182,069	118,185
Polk	33,996	14,727	19,269	93,716	39,763	53,953
Randolph	12,121	961	11,160	33,843	2,595	31,248
Richmond	21,069	19,856	1,213	57,007	53,611	3,396
Robeson	50,959	15,712	35,247	141,114	42,422	98,692
Rockingham	75,960	9,158	66,802	211,773	24,727	187,046
Rowan	25,877	4,130	21,747	72,043	11,151	60,892
Rutherford	103,035	20,953	82,082	286,403	56,573	229,830
Sampson	77,798	49,622	28,176	212,872	133,979	78,893
Scotland	17,791	15,433	2,358	48,271	41,669	6,602
Stanly	10,513	9,988	525	28,438	26,968	1,470
Stokes	8,869	1,158	7,711	24,718	3,127	21,591
Surry	14,325	1,808	12,517	39,930	4,882	35,048
Tyrrell	22,688	17,543	5,145	61,772	47,366	14,406
Union	5,936	5,178	758	16,103	13,981	2,122
Vance	15,904	2,411	13,493	44,290	6,510	37,780
Wake	23,726	4,969	18,757	65,936	13,416	52,520
Warren	60,330	31,250	29,080	165,799	84,375	81,424
Washington	36,062	27,950	8,112	98,179	75,465	22,714
Watauga	1,389	12	1,377	3,888	32	3,856
Wayne	24,621	8,962	15,659	68,042	24,197	43,845
Wilkes	39,421	3,804	35,617	109,999	10,271	99,728
Wilson	33,159	21,714	11,445	90,674	58,628	32,046
Yadkin	8,629	962	7,667	24,065	2,597	21,468
All counties	3,620,692	2,144,274	1,476,418	9,923,516	5,789,543	4,133,973

^a Counties with no pulpwood production are omitted.

Table A.20—Roundwood pulpwood production in Ohio, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	692	85	607	1,605	181	1,424
Ashland	2,737	—	2,737	6,875	—	6,875
Athens	6,681	1,545	5,135	15,794	3,254	12,540
Belmont	2,212	683	1,528	5,126	1,457	3,669
Carroll	2,844	—	2,844	7,057	—	7,057
Columbiana	778	—	778	1,932	—	1,932
Coshocton	4,971	—	4,971	12,100	—	12,100
Crawford	139	—	139	363	—	363
Cuyahoga	781	—	781	1,958	—	1,958
Delaware	95	—	95	228	—	228
Erie	119	—	119	289	—	289
Fairfield	1,746	30	1,717	4,228	63	4,165
Franklin	180	—	180	442	—	442
Gallia	10,059	3,136	6,923	23,006	6,689	16,317
Geauga	1,202	—	1,202	2,926	—	2,926
Guernsey	4,193	—	4,193	10,297	—	10,297
Harrison	7,507	3,209	4,298	17,026	6,724	10,302
Hocking	20,705	6,386	14,318	48,899	13,623	35,276
Holmes	3,364	—	3,364	8,125	—	8,125
Huron	673	—	673	1,693	—	1,693
Jackson	45,781	11,070	34,711	109,333	23,614	85,719
Jefferson	1,148	15	1,133	2,704	32	2,672
Knox	1,871	—	1,871	4,520	—	4,520
Lawrence	3,524	90	3,434	9,031	192	8,839
Licking	3,240	—	3,240	8,092	—	8,092
Logan	123	—	123	308	—	308
Lorain	871	—	871	2,161	—	2,161
Madison	130	—	130	315	—	315
Mahoning	752	—	752	1,921	—	1,921
Marion	205	—	205	515	—	515
Medina	825	—	825	1,991	—	1,991
Meigs	6,713	2,277	4,436	15,861	4,801	11,060
Monroe	2,010	—	2,010	5,041	—	5,041
Morgan	1,448	—	1,448	3,586	—	3,586
Morrow	740	—	740	1,839	—	1,839
Muskingum	6,532	200	6,332	15,980	418	15,562
Noble	1,258	79	1,179	3,089	165	2,924
Perry	1,309	128	1,180	3,138	274	2,864
Pickaway	1,102	147	955	2,782	314	2,468
Pike	24,994	4,313	20,681	57,676	9,196	48,480
Portage	862	—	862	2,088	—	2,088
Richland	2,604	764	1,840	6,216	1,629	4,587
Ross	32,947	12,311	20,636	75,901	25,921	49,980
Sandusky	70	—	70	155	—	155
Scioto	30,502	5,456	25,045	80,417	13,745	66,672
Seneca	190	—	190	456	—	456
Stark	1,893	—	1,893	4,573	—	4,573
Summit	639	—	639	1,578	—	1,578
Trumbull	1,127	—	1,127	2,889	—	2,889
Tuscarawas	4,264	—	4,264	10,462	—	10,462
Union	57	—	57	137	—	137
Vinton	35,133	7,748	27,385	88,636	16,527	72,109
Washington	5,640	1,429	4,211	13,506	3,018	10,488
Wayne	2,333	—	2,333	5,765	—	5,765
Wood	8	8	—	17	17	—
Wyandot	188	—	188	452	—	452
All counties	294,708	61,109	233,599	713,100	131,854	581,246

^a Counties with no pulpwood production are omitted.

Table A.21—Roundwood pulpwood production in Oklahoma, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adair	14,323	12	14,311	40,103	32	40,071
Atoka	13,026	1,974	11,052	36,276	5,330	30,946
Bryan	7,213	0	7,213	20,196	0	20,196
Choctaw	18,344	13,049	5,295	50,058	35,232	14,826
Johnston	30	0	30	84	0	84
Latimer	10,547	1,518	9,029	29,380	4,099	25,281
Le Flore	66,731	20,866	45,865	184,760	56,338	128,422
McCurtain	222,221	173,036	49,185	604,915	467,197	137,718
Pittsburg	20	20	0	54	54	0
Pushmataha	230,943	131,786	99,157	633,462	355,822	277,640
Sequoyah	899	449	450	2,472	1,212	1,260
All counties	584,297	342,710	241,587	1,601,760	925,316	676,444

^a Counties with no pulpwood production are omitted.

Table A.22—Roundwood pulpwood production in Pennsylvania, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	2,298	447	1,850	5,778	951	4,827
Allegheny	839	—	839	2,018	—	2,018
Armstrong	3,027	151	2,877	7,461	350	7,111
Beaver	571	—	571	1,377	—	1,377
Bedford	39,313	7,755	31,558	97,744	16,819	80,925
Berks	1,376	148	1,228	3,339	305	3,034
Blair	7,100	720	6,379	17,822	1,649	16,173
Bradford	6,592	1,319	5,273	16,336	3,011	13,325
Bucks	478	118	360	1,176	261	915
Butler	2,532	—	2,532	6,278	—	6,278
Cambria	32,406	3,570	28,836	78,208	7,972	70,236
Cameron	11,755	84	11,671	30,140	194	29,946
Carbon	1,294	437	857	3,246	1,016	2,230
Centre	20,755	4,452	16,303	52,509	10,078	42,431
Chester	2,472	273	2,199	6,120	579	5,541
Clarion	9,507	3,945	5,562	22,976	9,020	13,956
Clearfield	46,067	14,533	31,534	112,755	33,395	79,360
Clinton	18,909	876	18,033	49,184	1,953	47,231
Columbia	6,599	3,458	3,141	16,152	7,936	8,216
Crawford	138	—	138	338	—	338
Cumberland	5,095	533	4,561	13,351	1,126	12,225
Dauphin	2,273	1,114	1,159	5,522	2,486	3,036
Delaware	1,500	487	1,013	3,387	1,028	2,359
Elk	30,291	11,393	18,899	72,226	26,361	45,865

continued

Table A.22—Roundwood pulpwood production in Pennsylvania, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Fayette	3,676	43	3,633	8,941	95	8,846
Forest	4,045	297	3,748	9,986	686	9,300
Franklin	14,014	959	13,055	35,100	2,244	32,856
Fulton	6,025	2,506	3,519	14,624	5,434	9,190
Greene	3,561	29	3,532	8,669	61	8,608
Huntingdon	26,174	9,150	17,024	64,043	20,070	43,973
Indiana	9,080	1,257	7,822	21,914	2,930	18,984
Jefferson	15,066	7,879	7,187	35,590	17,839	17,751
Juniata	2,601	694	1,908	6,415	1,594	4,821
Lackawanna	3,195	25	3,169	8,150	59	8,091
Lancaster	3,108	47	3,061	7,877	100	7,777
Lebanon	6,349	371	5,978	16,172	822	15,350
Lehigh	1,358	80	1,278	3,441	177	3,264
Luzerne	9,627	2,411	7,216	24,144	5,518	18,625
Lycoming	23,958	5,274	18,685	59,967	12,113	47,854
McKean	98,609	4,783	93,826	236,242	10,992	225,250
Mercer	5,057	851	4,206	12,320	1,969	10,351
Mifflin	6,472	831	5,640	17,162	1,849	15,313
Monroe	1,826	162	1,664	4,578	365	4,213
Montgomery	690	57	633	1,700	120	1,580
Montour	184	—	184	497	—	497
Northampton	16	—	16	40	—	40
Northumberland	3,617	627	2,989	9,209	1,443	7,766
Perry	2,027	457	1,569	5,143	1,039	4,104
Pike	2,307	807	1,500	5,715	1,735	3,980
Potter	20,757	999	19,759	51,524	2,319	49,205
Schuylkill	6,469	530	5,939	16,627	1,213	15,414
Snyder	2,264	1,297	967	5,390	2,867	2,522
Somerset	31,599	2,210	29,389	76,543	4,866	71,677
Sullivan	6,789	2,464	4,325	16,161	5,736	10,425
Susquehanna	7,764	1,953	5,811	18,825	4,457	14,368
Tioga	13,451	3,497	9,954	33,174	7,948	25,226
Union	2,946	854	2,092	7,364	1,974	5,390
Venango	2,341	119	2,223	5,827	275	5,552
Warren	11,141	883	10,259	27,592	2,038	25,554
Washington	1,387	—	1,387	3,303	—	3,303
Wayne	6,760	906	5,854	16,687	2,160	14,527
Westmoreland	1,005	11	994	2,433	26	2,407
Wyoming	2,337	163	2,174	5,840	373	5,467
York	7,227	2,541	4,686	17,108	5,611	11,497
All counties	630,065	113,839	516,226	1,547,478	257,606	1,289,871

^a Counties with no pulpwood production are omitted.

Table A.23—Roundwood pulpwood production in South Carolina, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Abbeville	47,118	32,390	14,728	128,691	87,453	41,238
Aiken	73,103	49,570	23,533	199,731	133,839	65,892
Allendale	82,333	61,801	20,532	224,353	166,863	57,490
Anderson	26,871	12,927	13,944	73,946	34,903	39,043
Bamberg	44,530	29,927	14,603	121,691	80,803	40,888
Barnwell	96,448	83,717	12,731	261,683	226,036	35,647
Beaufort	22,002	15,017	6,985	60,104	40,546	19,558
Berkeley	159,500	143,118	16,382	432,289	386,419	45,870
Calhoun	28,813	21,099	7,714	78,566	56,967	21,599
Charleston	72,179	60,562	11,617	196,045	163,517	32,528
Cherokee	33,937	24,174	9,763	92,606	65,270	27,336
Chester	153,008	118,571	34,437	416,566	320,142	96,424
Chesterfield	108,753	87,901	20,852	295,719	237,333	58,386
Clarendon	55,547	37,271	18,276	151,805	100,632	51,173
Colleton	250,860	217,159	33,701	680,692	586,329	94,363
Darlington	31,100	14,218	16,882	85,659	38,389	47,270
Dillon	36,397	22,475	13,922	99,665	60,683	38,982
Dorchester	111,216	89,145	22,071	302,491	240,692	61,799
Edgefield	107,646	92,549	15,097	292,154	249,882	42,272
Fairfield	281,759	256,175	25,584	763,308	691,673	71,635
Florence	280,901	228,837	52,064	763,639	617,860	145,779
Georgetown	184,070	156,332	27,738	499,762	422,096	77,666
Greenville	38,250	23,197	15,053	104,780	62,632	42,148
Greenwood	45,464	41,285	4,179	123,171	111,470	11,701
Hampton	154,954	128,067	26,887	421,065	345,781	75,284
Horry	189,423	154,773	34,650	514,907	417,887	97,020
Jasper	94,787	74,524	20,263	257,951	201,215	56,736
Kershaw	169,642	145,857	23,785	460,412	393,814	66,598
Lancaster	114,768	103,229	11,539	311,027	278,718	32,309
Laurens	62,011	52,286	9,725	168,402	141,172	27,230
Lee	85,235	72,535	12,700	231,405	195,845	35,560
Lexington	55,013	44,341	10,672	149,603	119,721	29,882
Marion	46,529	25,255	21,274	127,756	68,189	59,567
Marlboro	83,814	62,046	21,768	228,474	167,524	60,950
McCormick	32,222	22,011	10,211	88,021	59,430	28,591
Newberry	131,606	122,076	9,530	356,289	329,605	26,684
Oconee	47,094	25,462	21,632	129,317	68,747	60,570
Orangeburg	151,865	122,238	29,627	412,999	330,043	82,956
Pickens	20,769	10,039	10,730	57,149	27,105	30,044
Richland	104,600	77,774	26,826	285,103	209,990	75,113
Saluda	75,215	68,873	6,342	203,715	185,957	17,758
Spartanburg	59,039	38,078	20,961	161,502	102,811	58,691
Sumter	99,437	54,476	44,961	272,976	147,085	125,891
Union	143,551	104,518	39,033	391,491	282,199	109,292
Williamsburg	297,366	248,522	48,844	807,772	671,009	136,763
York	69,921	50,169	19,752	190,762	135,456	55,306
All counties	4,660,666	3,726,566	934,100	12,677,214	10,061,732	2,615,482

^a Counties with no pulpwood production are omitted.

Table A.24—Roundwood pulpwood production in Tennessee, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	13,118	374	12,744	36,693	1,010	35,683
Bedford	10,362	9,906	456	28,023	26,746	1,277
Benton	19,076	10,649	8,427	52,348	28,752	23,596
Bledsoe	39,759	17,489	22,270	109,576	47,220	62,356
Blount	7,470	2,917	4,553	20,624	7,876	12,748
Bradley	9,627	3,666	5,961	26,589	9,898	16,691
Campbell	34,924	0	34,924	97,787	0	97,787
Cannon	3,028	772	2,256	8,401	2,084	6,317
Carroll	28,308	8,088	20,220	78,454	21,838	56,616
Carter	30	8	22	84	22	62
Chester	17,568	10,019	7,549	48,188	27,051	21,137
Claiborne	17,462	0	17,462	48,894	0	48,894
Cocke	5,650	294	5,356	15,791	794	14,997
Coffee	14,767	7,831	6,936	40,565	21,144	19,421
Crockett	1,219	0	1,219	3,413	0	3,413
Cumberland	50,043	12,853	37,190	138,835	34,703	104,132
Decatur	22,298	15,637	6,661	60,871	42,220	18,651
DeKalb	1,308	0	1,308	3,662	0	3,662
Dickson	14,278	0	14,278	39,978	0	39,978
Dyer	1,135	0	1,135	3,178	0	3,178
Fayette	7,560	6,087	1,473	20,559	16,435	4,124
Fentress	9,918	1,313	8,605	27,639	3,545	24,094
Franklin	12,008	88	11,920	33,614	238	33,376
Gibson	2,087	763	1,324	5,767	2,060	3,707
Giles	12,562	3,577	8,985	34,816	9,658	25,158
Greene	58	0	58	162	0	162
Grundy	63,641	15,887	47,754	176,606	42,895	133,711
Hamilton	19,351	14,002	5,349	52,782	37,805	14,977
Hardeman	38,209	16,681	21,528	105,317	45,039	60,278
Hardin	91,717	63,540	28,177	250,454	171,558	78,896
Hawkins	5,160	0	5,160	14,448	0	14,448
Haywood	1,394	35	1,359	3,900	95	3,805
Henderson	26,973	10,107	16,866	74,514	27,289	47,225
Henry	7,509	1,349	6,160	20,890	3,642	17,248
Hickman	66,893	9,159	57,734	186,384	24,729	161,655
Houston	25,582	10,829	14,753	70,546	29,238	41,308
Humphreys	22,929	5,299	17,630	63,671	14,307	49,364
Jackson	1,123	553	570	3,089	1,493	1,596
Johnson	2,917	65	2,852	8,162	176	7,986
Knox	6,297	4,951	1,346	17,137	13,368	3,769
Lauderdale	274	10	264	766	27	739
Lawrence	61,073	26,890	34,183	168,315	72,603	95,712
Lewis	76,049	8,872	67,177	212,050	23,954	188,096
Lincoln	5,914	118	5,796	16,548	319	16,229
Loudon	4,870	2,973	1,897	13,339	8,027	5,312
Madison	17,718	5,532	12,186	49,057	14,936	34,121
Marion	36,216	6,253	29,963	100,779	16,883	83,896
Marshall	485	71	414	1,351	192	1,159

continued

Table A.24—Roundwood pulpwood production in Tennessee, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Maury	3,929	3,132	797	10,688	8,456	2,232
McMinn	28,012	14,106	13,906	77,023	38,086	38,937
McNairy	70,355	31,677	38,678	193,826	85,528	108,298
Meigs	8,689	5,360	3,329	23,793	14,472	9,321
Monroe	24,198	12,742	11,456	66,480	34,403	32,077
Montgomery	3,236	2,618	618	8,799	7,069	1,730
Moore	1,871	0	1,871	5,239	0	5,239
Morgan	11,589	351	11,238	32,414	948	31,466
Obion	6,444	77	6,367	18,036	208	17,828
Overton	5,176	736	4,440	14,419	1,987	12,432
Perry	47,004	3,971	43,033	131,214	10,722	120,492
Polk	26,565	13,273	13,292	73,055	35,837	37,218
Putnam	632	127	505	1,757	343	1,414
Rhea	34,252	27,171	7,081	93,189	73,362	19,827
Roane	4,472	453	4,019	12,476	1,223	11,253
Rutherford	495	0	495	1,386	0	1,386
Scott	29,803	63	29,740	83,442	170	83,272
Sequatchie	10,389	7,589	2,800	28,330	20,490	7,840
Sevier	252	187	65	687	505	182
Shelby	5,935	5,591	344	16,059	15,096	963
Stewart	36,323	19,989	16,334	99,705	53,970	45,735
Union	4,325	1,223	3,102	11,988	3,302	8,686
Van Buren	23,043	7,668	15,375	63,754	20,704	43,050
Warren	6,348	996	5,352	17,675	2,689	14,986
Wayne	151,646	94,129	57,517	415,196	254,148	161,048
Weakley	15,429	6,690	8,739	42,532	18,063	24,469
White	16,285	4,330	11,955	45,165	11,691	33,474
Williamson	6,146	750	5,396	17,134	2,025	15,109
All counties	1,520,760	580,506	940,254	4,200,077	1,567,366	2,632,711

^a Counties with no pulpwood production are omitted.

Table A.25—Roundwood pulpwood production in Texas, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Anderson	368	159	209	1,014	429	585
Angelina	151,353	105,510	45,843	413,237	284,877	128,360
Bowie	57,095	23,750	33,345	157,491	64,125	93,366
Camp	10,063	3,091	6,972	27,868	8,346	19,522
Cass	304,437	104,337	200,100	841,990	281,710	560,280
Chambers	104	104	0	281	281	0
Cherokee	50,778	26,172	24,606	139,561	70,664	68,897
Cooke	10	0	10	28	0	28
Dallas	425	0	425	1,190	0	1,190
Fannin	78	21	57	217	57	160
Fort Bend	12	12	0	32	32	0
Franklin	357	248	109	975	670	305
Freestone	11	11	0	30	30	0
Gregg	2,489	56	2,433	6,963	151	6,812
Grimes	89	89	0	240	240	0
Hardin	149,564	110,754	38,810	407,704	299,036	108,668
Harris	210	155	55	573	419	154
Harrison	65,806	25,321	40,485	181,725	68,367	113,358
Henderson	30	21	9	82	57	25
Hopkins	124	0	124	347	0	347
Houston	24,024	6,616	17,408	66,605	17,863	48,742
Jasper	221,457	186,885	34,572	601,392	504,590	96,802
Jefferson	330	330	0	891	891	0
Lamar	9,165	11	9,154	25,661	30	25,631
Liberty	89,458	50,248	39,210	245,458	135,670	109,788
Madison	10	0	10	28	0	28
Marion	43,287	16,784	26,503	119,525	45,317	74,208
Montgomery	25,418	6,024	19,394	70,568	16,265	54,303
Morris	9,663	3,987	5,676	26,658	10,765	15,893
Nacogdoches	74,801	50,831	23,970	204,360	137,244	67,116
Newton	285,149	250,066	35,083	773,410	675,178	98,232
Orange	28,530	20,520	8,010	77,832	55,404	22,428
Panola	177,023	132,849	44,174	482,379	358,692	123,687
Polk	63,250	50,606	12,644	172,039	136,636	35,403
Rains	963	0	963	2,696	0	2,696
Red River	139,820	16,093	123,727	389,887	43,451	346,436
Rusk	37,555	25,225	12,330	102,632	68,108	34,524
Sabine	47,707	40,063	7,644	129,573	108,170	21,403
San Augustine	133,703	111,093	22,610	363,259	299,951	63,308
San Jacinto	37,848	9,600	28,248	105,014	25,920	79,094
Shelby	59,501	39,453	20,048	162,657	106,523	56,134
Smith	40,899	726	40,173	114,444	1,960	112,484
Tarrant	10	0	10	28	0	28
Titus	29,567	4,585	24,982	82,330	12,380	69,950
Trinity	31,440	31,050	390	84,927	83,835	1,092
Tyler	287,228	226,105	61,123	781,628	610,484	171,144
Upshur	30,178	6,923	23,255	83,806	18,692	65,114
Van Zandt	1,458	119	1,339	4,070	321	3,749
Walker	15,640	40	15,600	43,788	108	43,680
Wood	41,423	11,059	30,364	114,878	29,859	85,019
All counties	2,779,908	1,697,702	1,082,206	7,613,971	4,583,798	3,030,173

^a Counties with no pulpwood production are omitted.

Table A.26—Roundwood pulpwood production in Virginia, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Albemarle	28,143	14,460	13,683	77,354	39,042	38,312
Alleghany	21,124	3,569	17,555	58,790	9,636	49,154
Amelia	38,373	27,471	10,902	104,698	74,172	30,526
Amherst	29,968	16,457	13,511	82,265	44,434	37,831
Appomattox	28,410	16,723	11,687	77,876	45,152	32,724
Augusta	9,880	5,459	4,421	27,118	14,739	12,379
Bath	16,951	2,935	14,016	47,170	7,925	39,245
Bedford	25,954	3,661	22,293	72,305	9,885	62,420
Bland	1,939	61	1,878	5,423	165	5,258
Botetourt	29,038	7,712	21,326	80,535	20,822	59,713
Brunswick	112,108	89,211	22,897	304,982	240,870	64,112
Buchanan	466	0	466	1,305	0	1,305
Buckingham	183,318	128,328	54,990	500,458	346,486	153,972
Campbell	53,904	22,468	31,436	148,685	60,664	88,021
Caroline	34,811	32,333	2,478	94,237	87,299	6,938
Carroll	4,486	60	4,426	12,555	162	12,393
Charles City	13,184	12,426	758	35,672	33,550	2,122
Charlotte	39,104	8,300	30,804	108,661	22,410	86,251
Chesapeake	10,027	3,003	7,024	27,775	8,108	19,667
Chesterfield	28,221	22,152	6,069	76,803	59,810	16,993
Clarke	73	10	63	203	27	176
Craig	8,335	1,509	6,826	23,187	4,074	19,113
Culpeper	7,280	5,983	1,297	19,786	16,154	3,632
Cumberland	53,417	25,824	27,593	146,985	69,725	77,260
Dickenson	89,881	0	89,881	251,667	0	251,667
Dinwiddie	137,696	127,070	10,626	372,842	343,089	29,753
Essex	9,572	9,154	418	25,886	24,716	1,170
Fairfax	8,263	2,171	6,092	22,920	5,862	17,058
Fauquier	14,116	11,819	2,297	38,343	31,911	6,432
Floyd	587	0	587	1,644	0	1,644
Fluvanna	20,370	12,838	7,532	55,753	34,663	21,090
Franklin	31,921	6,799	25,122	88,699	18,357	70,342
Frederick	14,292	6,755	7,537	39,343	18,239	21,104
Giles	1,733	37	1,696	4,849	100	4,749
Gloucester	361	0	361	1,011	0	1,011
Goochland	5,728	3,483	2,245	15,690	9,404	6,286
Grayson	869	3	866	2,433	8	2,425
Greene	368	19	349	1,028	51	977
Greensville	55,760	30,426	25,334	153,085	82,150	70,935
Halifax	57,217	4,842	52,375	159,723	13,073	146,650
Hanover	31,683	28,075	3,608	85,905	75,803	10,102
Henrico	24	0	24	67	0	67
Henry	19,962	6,567	13,395	55,237	17,731	37,506
Highland	6,663	755	5,908	18,581	2,039	16,542
Isle of Wight	51,016	31,779	19,237	139,667	85,803	53,864
James City	512	78	434	1,426	211	1,215

continued

Table A.26—Roundwood pulpwood production in Virginia, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
King and Queen	15,898	14,524	1,374	43,062	39,215	3,847
King George	9,382	8,460	922	25,424	22,842	2,582
King William	921	921	0	2,487	2,487	0
Lancaster	104	104	0	281	281	0
Lee	2,100	2,100	0	5,670	5,670	0
Loudoun	402	0	402	1,126	0	1,126
Louisa	66,391	48,363	18,028	181,058	130,580	50,478
Lunenburg	34,446	19,924	14,522	94,457	53,795	40,662
Madison	888	6	882	2,486	16	2,470
Mathews	444	0	444	1,243	0	1,243
Mecklenburg	33,477	15,096	18,381	92,226	40,759	51,467
Montgomery	5,699	56	5,643	15,951	151	15,800
Nelson	21,053	15,007	6,046	57,448	40,519	16,929
New Kent	1,806	1,720	86	4,885	4,644	241
Newport News	112	18	94	312	49	263
Northampton	87	32	55	240	86	154
Northumberland	10,336	467	9,869	28,894	1,261	27,633
Nottoway	60,512	50,764	9,748	164,357	137,063	27,294
Orange	20,281	11,520	8,761	55,635	31,104	24,531
Page	2,271	1,097	1,174	6,249	2,962	3,287
Patrick	47,509	10,806	36,703	131,944	29,176	102,768
Pittsylvania	62,520	18,079	44,441	173,248	48,813	124,435
Powhatan	36,378	22,389	13,989	99,619	60,450	39,169
Prince Edward	31,112	11,802	19,310	85,933	31,865	54,068
Prince George	10,263	4,556	5,707	28,281	12,301	15,980
Prince William	2,054	261	1,793	5,725	705	5,020
Richmond	2,808	1,032	1,776	7,759	2,786	4,973
Roanoke	11,375	1,268	10,107	31,724	3,424	28,300
Rockbridge	22,616	3,637	18,979	62,961	9,820	53,141
Rockingham	984	52	932	2,750	140	2,610
Russell	2,995	59	2,936	8,380	159	8,221
Shenandoah	8,680	3,270	5,410	23,977	8,829	15,148
Smyth	1,795	24	1,771	5,024	65	4,959
Southampton	130,347	75,958	54,389	357,376	205,087	152,289
Spotsylvania	21,152	15,887	5,265	57,637	42,895	14,742
Stafford	9,914	2,787	7,127	27,481	7,525	19,956
Suffolk	44,977	28,560	16,417	123,080	77,112	45,968
Surry	48,056	29,344	18,712	131,623	79,229	52,394
Sussex	142,846	133,119	9,727	386,657	359,421	27,236
Tazewell	3,513	0	3,513	9,836	0	9,836
Virginia Beach	789	142	647	2,195	383	1,812
Warren	2,557	267	2,290	7,133	721	6,412
Washington	491	0	491	1,375	0	1,375
Westmoreland	12,279	11,421	858	33,239	30,837	2,402
Wythe	4,282	2,103	2,179	11,779	5,678	6,101
All counties	2,286,010	1,299,787	986,223	6,270,854	3,509,426	2,761,428

^a Counties with no pulpwood production are omitted.

Table A.27—Roundwood pulpwood production in West Virginia, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Barbour	4,853	—	4,853	12,267	—	12,267
Berkeley	5,968	2,115	3,853	14,068	4,548	9,520
Braxton	21,911	41	21,870	56,302	97	56,205
Brooke	242	—	242	594	—	594
Cabell	1,162	153	1,009	2,970	327	2,643
Doddridge	3,348	5	3,343	8,538	11	8,527
Fayette	31,707	554	31,152	80,416	1,312	79,104
Grant	14,923	743	14,180	37,691	1,597	36,094
Greenbrier	83,927	1,335	82,592	214,881	2,877	212,004
Hampshire	23,007	8,450	14,557	56,770	18,140	38,630
Hancock	42	—	42	103	—	103
Hardy	11,058	1,568	9,491	28,492	3,353	25,139
Harrison	1,471	—	1,471	3,621	—	3,621
Jackson	1,499	809	690	3,585	1,742	1,843
Jefferson	3,020	126	2,894	7,304	303	7,001
Kanawha	1,229	889	340	2,745	1,896	849
Lewis	174	—	174	441	—	441
Marion	2,952	12	2,939	7,334	26	7,308
Marshall	812	—	812	1,977	—	1,977
Mason	506	155	351	1,153	331	822
Mercer	2,826	125	2,701	7,025	279	6,746
Mineral	16,930	2,623	14,307	42,988	5,666	37,322
Monongalia	5,097	—	5,097	12,341	—	12,341
Monroe	11,022	743	10,279	28,414	1,569	26,845
Morgan	15,507	7,381	8,126	38,372	16,708	21,664
Nicholas	42,970	742	42,228	107,331	1,771	105,560
Ohio	144	—	144	354	—	354
Pendleton	10,115	1,009	9,107	25,781	2,197	23,584
Pleasants	852	620	231	1,837	1,323	514
Pocahontas	11,865	1,012	10,853	29,369	2,184	27,185
Preston	18,682	1,038	17,645	46,324	2,500	43,824
Putnam	1,946	620	1,326	4,822	1,323	3,499
Raleigh	9,919	84	9,835	24,384	185	24,199
Randolph	29,168	—	29,168	72,026	—	72,026
Ritchie	11,825	10,995	830	25,631	23,454	2,177
Summers	4,203	21	4,182	10,838	44	10,794
Taylor	139	—	139	353	—	353
Tucker	15,248	1,827	13,421	36,970	4,175	32,795
Tyler	25	—	25	67	—	67
Upshur	4,106	135	3,971	10,412	306	10,106
Webster	1,341	—	1,341	3,318	—	3,318
Wetzel	7,578	115	7,463	18,828	277	18,551
Wirt	15,994	14,281	1,713	35,261	30,463	4,798
Wood	37,331	24,597	12,733	83,585	52,469	31,116
Wyoming	1,729	—	1,729	4,315	—	4,315
All counties	490,374	84,925	405,449	1,212,198	183,453	1,028,745

^a Counties with no pulpwood production are omitted.

Table A.28—Roundwood pulpwood production in Wisconsin, 2008

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Adams	60,192	31,017	29,175	144,407	65,788	78,619
Ashland	57,387	12,801	44,586	144,954	26,166	118,788
Barron	7,577	1,091	6,486	18,837	2,308	16,529
Bayfield	54,467	12,933	41,534	130,442	27,332	103,110
Brown	2,326	1,533	792	5,229	3,268	1,961
Buffalo	4,092	391	3,701	10,623	825	9,799
Burnett	36,646	7,612	29,035	93,423	16,202	77,222
Calumet	791	130	661	1,975	272	1,703
Chippewa	15,498	3,187	12,312	37,542	6,774	30,768
Clark	33,421	5,274	28,148	81,355	11,097	70,258
Columbia	14,982	8,428	6,554	34,911	17,864	17,047
Crawford	446	387	59	979	826	153
Dane	1,369	523	846	3,268	1,078	2,190
Dodge	467	128	339	1,108	270	838
Door	4,152	1,939	2,213	9,659	4,103	5,557
Douglas	69,294	16,652	52,642	162,498	35,201	127,297
Dunn	14,072	5,969	8,103	33,996	12,666	21,330
Eau Claire	14,875	7,880	6,995	34,697	16,742	17,955
Florence	56,629	17,718	38,911	134,369	37,606	96,763
Fond Du Lac	845	114	731	2,111	241	1,870
Forest	55,028	29,674	25,354	124,115	61,483	62,632
Grant	1,445	1,382	64	3,031	2,870	161
Green	1,299	487	812	3,194	1,038	2,156
Green Lake	2,130	1,329	801	4,953	2,795	2,159
Iowa	1,493	750	743	3,511	1,582	1,929
Iron	59,714	9,255	50,458	150,874	19,199	131,675
Jackson	46,873	23,171	23,702	111,332	48,960	62,371
Jefferson	326	—	326	861	—	861
Juneau	27,139	16,228	10,910	63,033	34,341	28,692
Kewaunee	748	202	546	1,754	433	1,321
La Crosse	2,739	954	1,785	6,831	2,011	4,820
Lafayette	217	15	202	549	29	520
Langlade	75,366	16,808	58,558	180,389	35,487	144,902
Lincoln	87,824	11,862	75,962	212,758	25,134	187,624
Manitowoc	1,908	396	1,512	4,544	837	3,707
Marathon	47,631	7,882	39,749	115,549	16,844	98,705
Marinette	65,225	25,542	39,683	155,515	55,265	100,250
Marquette	12,425	9,385	3,040	28,254	19,955	8,299
Menominee	45,077	14,392	30,685	110,787	30,751	80,036
Monroe	12,737	7,458	5,280	29,688	15,766	13,921
Oconto	52,212	17,836	34,377	120,954	37,936	83,019
Oneida	75,455	22,623	52,832	177,847	47,976	129,870
Outagamie	3,200	812	2,388	7,491	1,683	5,808
Ozaukee	1,081	326	755	2,503	652	1,851
Pepin	541	80	461	1,427	168	1,259
Pierce	792	—	792	2,096	—	2,096
Polk	9,710	1,741	7,969	23,700	3,651	20,048
Portage	29,759	11,430	18,328	71,425	24,289	47,136
Price	71,436	14,928	56,509	168,018	31,346	136,671

continued

Table A.28—Roundwood pulpwood production in Wisconsin, 2008 (continued)

County ^a	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	<i>standard cords</i>			<i>green tons</i>		
Racine	1,057	827	230	2,309	1,738	571
Richland	1,091	665	426	2,469	1,411	1,058
Rock	10	10	—	22	22	—
Rusk	40,598	3,620	36,978	99,791	7,381	92,410
St. Croix	2,717	1,065	1,652	6,294	2,241	4,053
Sauk	4,684	2,850	1,834	10,717	6,026	4,691
Sawyer	83,952	16,465	67,487	201,901	33,897	168,004
Shawano	24,795	8,580	16,216	59,065	18,284	40,781
Sheboygan	2,795	2,277	517	6,072	4,746	1,326
Taylor	39,841	8,836	31,005	95,136	17,958	77,178
Trempealeau	5,297	2,544	2,753	12,525	5,334	7,191
Vernon	1,511	1,035	476	3,393	2,167	1,226
Vilas	47,441	13,939	33,502	113,957	29,367	84,590
Walworth	2,237	2,018	219	4,811	4,260	551
Washburn	38,237	13,403	24,834	90,294	28,570	61,724
Washington	2,498	1,674	824	5,567	3,460	2,107
Waukesha	2,019	1,330	690	4,434	2,792	1,642
Waupaca	22,630	7,561	15,069	53,716	16,048	37,669
Waushara	23,635	10,759	12,876	58,986	22,795	36,191
Winnebago	767	121	646	1,781	250	1,531
Wood	28,983	10,959	18,024	68,045	23,107	44,938
All counties	1,617,852	493,190	1,124,663	3,874,654	1,040,966	2,833,688

^a Counties with no pulpwood production are omitted.

Table A.29—Pulpmills by State, process, and capacity, 2008

		Pulping capacity, 24 hours				
Location	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons						
Alabama						
Clairborne ^a	Alabama River Companies	3,600	3,000	600	0	0
Jackson	Boise Cascade LLC	800	800	0	0	0
Courtland	International Paper Company	2,360	2,360	0	0	0
Demopolis	Rock-Tenn Company	1,143	1,143	0	0	0
Selma	International Paper Company	1,260	1,260	0	0	0
Naheola	Georgia-Pacific Corporation	1,100	1,100	0	0	0
Brewton	Georgia-Pacific Corporation	1,300	1,300	0	0	0
Coosa Pines	AbitibiBowater, Inc.	800	0	0	800	0
Pine Hill	International Paper Company	2,000	1,350	0	650	0
Cottonton	MeadWestvaco Corporation	2,300	2,300	0	0	0
Stevenson	Smurfit-Stone Container Corporation	750	0	0	750	0
Prattville	International Paper Company	2,710	2,710	0	0	0
	Total	20,123	17,323	600	2,200	0
Arkansas						
Pine Bluff	Delta Natural Kraft	450	450	0	0	0
Ashdown	Domtar, Inc.	2,450	2,450	0	0	0
Crossett	Georgia-Pacific Corporation	1,600	1,600	0	0	0
Morrilton	Green Bay Packaging, Inc.	800	800	0	0	0
Pine Bluff	Evergreen Packaging, Inc.	1,550	1,370	180	0	0
McGehee	Clearwater Paper Corp.	900	900	0	0	0
	Total	7,750	7,570	180	0	0
Florida						
Perry	Buckeye Florida, LP	1,200	1,200	0	0	0
Cantonment	International Paper Company	1,570	1,570	0	0	0
Palatka	Georgia-Pacific Corporation	1,250	1,250	0	0	0
Fernandina Beach	Rayonier, Inc.	475	0	0	0	475
Fernandina Beach	Smurfit-Stone Container Corporation	2,200	2,200	0	0	0
Panama City	Smurfit-Stone Container Corporation	1,635	1,635	0	0	0
	Total	8,330	7,855	0	0	475
Georgia						
Augusta	Augusta Newsprint Company	1,100	0	1,100	0	0
Augusta	International Paper Company	2,030	2,030	0	0	0
Brunswick	Georgia-Pacific Corporation	2,450	2,450	0	0	0
Cedar Springs	Georgia-Pacific Corporation	2,825	2,300	0	525	0
Rome	Temple-Inland, Inc.	2,250	2,250	0	0	0
Riceboro	Interstate Paper LLC	780	780	0	0	0
Jesup	Rayonier, Inc.	1,750	1,750	0	0	0
Valdosta	Packaging Corporation of America	1,420	1,420	0	0	0
Macon	Graphic Packaging International, Inc.	1,450	1,450	0	0	0
Savannah	International Paper Company	2,830	2,830	0	0	0
Oglethorpe	Weyerhaeuser Company	1,155	1,155	0	0	0
Port Wentworth	Weyerhaeuser Company	975	975	0	0	0
	Total	21,015	19,390	1,100	525	0

continued

Table A.29—Pulpmills by State, process, and capacity, 2008 (continued)

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi- chemical	Soda and sulfite
				tons		
Idaho						
Lewiston	Potlatch Corp.	1,514	1,514	0	0	0
	Total	1,514	1,514	0	0	0
Kentucky						
Wickliffe	NewPage Corporation	850	850	0	0	0
Hawesville	Domtar, Inc.	1,400	1,400	0	0	0
	Total	2,250	2,250	0	0	0
Louisiana						
DeRidder	Boise Cascade Corporation	1,975	1,300	675	0	0
Bogalusa	Temple-Inland, Inc.	2,383	2,383	0	0	0
Port Hudson	Georgia-Pacific Corporation	1,920	1,920	0	0	0
Bastrop	International Paper Company	1,220	1,220	0	0	0
Pineville	International Paper Company	1,100	1,100	0	0	0
Mansfield	International Paper Company	2,740	2,140	0	600	0
West Monroe	Graphic Packaging International, Inc.	1,831	1,630	0	201	0
Hodge	Smurfit-Stone Container Corporation	1,500	1,500	0	0	0
Campti	International Paper Company	1,050	1,050	0	0	0
	Total	15,719	14,243	675	801	0
Maine						
Baileyville	Domtar Industries	1,450	1,450	0	0	0
East Millinocket	Katahdin Paper Co., LLC	100	0	100	0	0
Lisbon Falls	Knight Celotex Corporation	100	0	100	0	0
Lincoln	Lincoln Paper and Tissue, LLC	450	450	0	0	0
Madison	Madison Paper Industries	1,400	0	1,400	0	0
Old Town	Red Shield Old Town Mill	600	600	0	0	0
Rumford	Rumford Paper Company	1,140	640	500	0	0
Hinkley	Sappi Fine Paper Co.	1,500	1,500	0	0	0
Bucksport	Verso Paper	650	0	650	0	0
Jay	Verso Paper	1,945	1,945	0	0	0
	Total	9,335	6,585	2,750	0	0
Maryland						
Luke	Luke Paper Co., NewPage Corp.	1,125	1,125	0	0	0
	Total	1,125	1,125	0	0	0
Michigan						
Alpena	Decorative Panels Interna, Inc.	250	0	250	0	0
Escanaba	NewPage Corp.	1,125	1,125	0	0	0
Filer City	Packaging Corp. of America	361	0	0	361	0
Ontonagon	Smurfit-Stone Container Corp.	800	0	0	800	0
Quinnesec	Verso Paper	1,250	1,250	0	0	0
	Total	3,786	2,375	250	1,161	0

continued

Table A.29—Pulpmills by State, process, and capacity, 2008 (continued)

		Pulping capacity, 24 hours				
Location	Company	All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
tons						
Minnesota						
International Falls	Boise White Paper, LLC	1,150	1,150	0	0	0
Duluth	Georgia-Pacific Corp.	220	0	220	0	0
Cloquet	Sappi Fine Paper	1,400	1,400	0	0	0
Proctor	Stora Enso North America	325	0	325	0	0
Grand Rapids	UPM-Blandin	475	0	475	0	0
Sartell	Verso Paper	850	0	850	0	0
Total		4,420	2,550	1,870	0	0
Mississippi						
Monticello	Georgia-Pacific Corporation	2,500	2,500	0	0	0
New Augusta	Koch Industries	1,550	1,550	0	0	0
Vicksburg	International Paper Company	1,490	1,490	0	0	0
Grenada	AbitibiBowater, Inc.	750	0	750	0	0
Columbus	Weyerhaeuser Company	1,450	1,450	0	0	0
Columbus	Domtar, Inc.	350	0	350	0	0
Total		8,090	6,990	1,100	0	0
Missouri						
Boonville	Huebert Fiberboard, Inc.	80	0	80	0	0
Total		80	0	80	0	0
Montana						
Missoula	Smurfit Stone Container Corp.	1,961	1,961	0	0	0
Total		1,961	1,961	0	0	0
New York						
Glens Falls	Finch, Pruyn & Company, Inc.	123	0	0	0	123
Ticonderoga	International Paper	590	590	0	0	0
Total		713	590	0	0	123
North Carolina						
Roaring River	Louisiana-Pacific Corporation	475	0	475	0	0
Canton	Evergreen Packaging, Inc.	1,600	1,600	0	0	0
Roanoke Rapids	KapStone Kraft Paper Corp.	1,630	1,630	0	0	0
Riegelwood	International Paper Company	1,730	1,730	0	0	0
New Bern	Weyerhaeuser Company	900	900	0	0	0
Plymouth	Domtar, Inc.	1,200	1,200	0	0	0
Total		7,535	7,060	475	0	0
Ohio						
Chillicothe	P.H. Glatfelter Co.	1,785	1,785	0	0	0
Coshocton	Smurfit-Stone	470	0	0	470	0
Total		2,255	1,785	0	470	0

continued

Table A.29—Pulpmills by State, process, and capacity, 2008 (continued)

Location	Company	Pulping capacity, 24 hours			
		All processes	Sulfate	Groundwood and other mechanical tons	Semi-chemical Soda and sulfite
Oklahoma					
Pryor	Georgia-Pacific Gypsum LLC	25	0	25	0
Valliant	International Paper Company	2,800	2,200	0	600
	Total	2,825	2,200	25	600
Oregon					
Oregon City	Blue Heron	342	0	342	0
St. Helens	Boise Paper Solutions	928	928	0	0
Clatskanie	Georgia Pacific - Wauna Paper Mill	614	614	0	0
Toledo	Georgia Pacific West Inc. - Toldeo Mill	2,639	2,153	0	486
Halsey	Pope & Talbot	611	611	0	0
Newberg	SP Newsprint	694	0	694	0
	Total	5,828	4,306	1,036	486
Pennsylvania					
Appleton	Appleton Papers, Inc.	200	200	0	0
Bradford	Craftmaster	12	0	12	0
Johnsonburg	Domtar, Inc.	231	231	0	0
Spring Grove	Glatfelter	700	700	0	0
	Total	1,143	1,131	12	0
South Carolina					
Catawba	AbitibiBowater, Inc.	2,100	1,500	600	0
Georgetown	International Paper Company	1,700	1,700	0	0
Hartsville	Sonoco Products Company	300	0	0	300
Florence	Smurfit-Stone Container Corporation	1,530	1,530	0	0
Eastover	International Paper Company	1,840	1,840	0	0
Charleston	KapStone Charleston Kraft LLC	2,080	2,080	0	0
Bennettsville	Domtar, Inc.	1,000	1,000	0	0
	Total	10,550	9,650	600	300
Tennessee					
Calhoun	AbitibiBowater, Inc.	1,450	1,000	450	0
New Johnsonville	Temple-Inland, Inc.	500	0	0	500
Kingsport	Domtar, Inc.	850	0	0	850
Counce	Packaging Corporation of America	1,950	1,950	0	0
Knoxville	Tamko Building Products, Inc.	125	0	125	0
	Total	4,875	2,950	575	500
Texas					
Texarkana	International Paper Company	1,630	1,630	0	0
Orange	Temple-Inland, Inc.	1,833	1,833	0	0
Diboll	Temple-Inland, Inc.	500	0	500	0
Silsbee	MeadWestvaco Corporation	1,850	1,850	0	0
	Total	5,813	5,313	500	0

continued

Table A.29—Pulpmills by State, process, and capacity, 2008 (continued)

Location	Company	Pulping capacity, 24 hours				
		All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
		tons				
Virginia						
Ashland	White Birch Paper Co.	880	0	880	0	0
West Point	Smurfit-Stone Container Corporation	1,700	1,700	0	0	0
Jarratt	Georgia-Pacific Corporation	400	0	400	0	0
Big Island	Georgia-Pacific Corporation	864	0	0	864	0
Hopewell	Smurfit-Stone Container Corporation	1,030	1,030	0	0	0
Franklin	International Paper Company	2,230	2,230	0	0	0
Riverville	Greif Packaging, LLC	600	0	0	600	0
Covington	MeadWestvaco Corporation	2,100	2,100	0	0	0
	Total	9,804	7,060	1,280	1,464	0
Washington						
Wallula	Boise Inc.	1,083	861	0	222	0
Camas	Georgia Pacific - Camas Mill	1,764	1,764	0	0	0
Spokane	Inland Empire	289		86	203	0
Everett	Kimberly-Clark - Everett Mill	481		0	0	481
Longview	Longview Fiber Paper Co.	3,611	3,461	0	150	0
Longview	North Pacific Paper Company (NORPAC)	1,389		1,389	0	0
Usk	Ponderay Newsprint Company	694		694	0	0
Longview	Weyerhaeuser	1,119	1,119	0	0	0
	Total	10,431	7,206	2,169	575	481
Wisconsin						
Nekoosa	Domtar Industries, Inc.	495	495	0	0	0
Port Edwards	Domtar Industries, Inc.	255	0	0	0	255
Rothschild	Domtar Paper Co., LLC	160	0	0	0	160
Park Falls	Flambeau River Papers	170	0	0	0	170
Phillips	Georgia-Pacific Corp., LLC	85	0	85	0	0
Cornell	Mule-Hide Manufacturing	130	0	130	0	0
Tomahawk	Packaging Corp. of America	1,350	0	0	1,350	0
Biron	Stora Enso North America	400	0	400	0	0
Niagara	Stora Enso North America	250	0	250	0	0
Stevens Point	Stora Enso North America	200	0	200	0	0
Kaukauna	Thilmany, LLC	400	400	0	0	0
Mosinee	Wausau Paper Speciality Products	212	212	0	0	0
	Total	4,107	1,107	1,065	1,350	585
Total		171,377	142,089	16,343	10,432	2,514

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

Source: Lockwood-Post Directory of Pulp and Paper Mills and other sources.

Johnson, Tony G.; Piva, Ronald J.; Walters, Brian F. [and others]. 2011. National pulpwood production, 2008. Resour. Bull. SRS-171. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 57 p.

United States' pulpwood production amounted to 89.2 million cords in 2008. Roundwood production totaled 63.0 million cords and accounted for 71 percent of the Nation's total pulpwood production. The use of wood residue totaled 26.2 million cords. Georgia led the Nation in total production, with 11.6 million cords. In 2008, 146 mills were operating and drawing wood from 38 of the lower 48 States. Pulping capacity for the Nation totaled 171,377 tons per day. Pulping capacity of southern mills totaled 124,679 tons per day in 2008, and accounted for 73 percent of the Nation's pulping capacity.

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



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