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# Southern Pulpwood Production, 1992

Patrick E. Miller



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**Southern Forest Experiment Station**  
New Orleans, Louisiana

and

**Southeastern Forest Experiment Station**  
Asheville, North Carolina

of the

**Forest Service, U.S. Department of Agriculture**

in cooperation with the

**American Pulpwood Association**

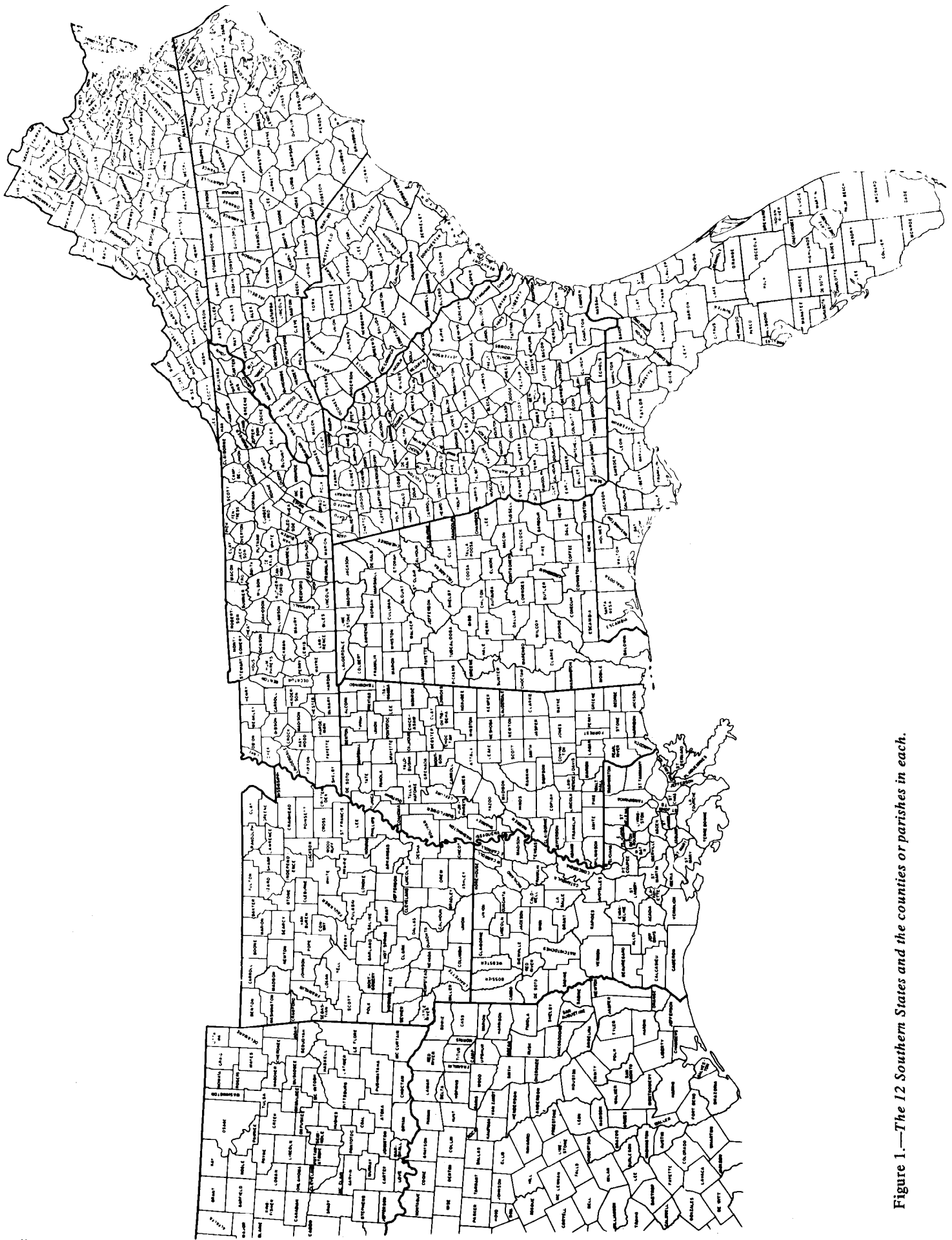


Figure 1.—The 12 Southern States and the counties or parishes in each.

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## INTRODUCTION

This report, published annually, presents the results of a 100-percent canvass of all wood-using pulpmills drawing roundwood or wood residues from the 12 Southern States (fig. 1). The pulpwood canvass data are compiled and analyzed on an alternating basis by personnel from the USDA Forest Service, Southern and Southeastern Forest Experiment Stations. Of the total 103 mills canvassed, 102 responded. Past canvass data and other sources of information were used for the mill that did not respond. All production figures are reported in standard cords. When necessary, data for mills reporting in nonstandard units are converted to standard cords using regional conversion factors.

## PULPWOOD

For the third year in a row, pulpwood production increased. A record number of 67.9 million cords were produced in 1992 (table 1), the highest total pulpwood production to date with a 4-percent increase over 1991's production of 65.1 million cords. Alabama ranked first in pulpwood production with 11.4 million cords, an increase of 14 percent since 1991. Second-ranked Georgia reported a production increase of 5 percent, with 10.2 million cords, while production in third-ranked Mississippi decreased by 7 percent, with 7.6 million cords. All States except Mississippi, North Carolina, Oklahoma, and Tennessee had production increases of 1 to 17 percent in 1992. The highest percentage increase was in South Carolina with 17 percent, while the largest percentage decrease, a **21-percent** loss, was in Oklahoma.

Softwood roundwood accounted for 47 percent of the total pulpwood production, hardwood roundwood accounted for almost 23 percent, and the remainder was wood residues.

Since 1983, Southern pulpwood production increased by 20 percent. This increase in utilization reflects continuous mill improvements and enhancements and an increase in demand over the last 10 years (fig. 2). Softwood continued to be the primary species group used for pulpwood. The percentage of hardwood production increased from 28 percent in 1983 to almost 30 percent in 1992 (fig. 3). After

1983, the volume of softwood and hardwood production increased 18 and 25 percent, respectively.

## Roundwood

Southern roundwood production increased 1 percent from 1991 to 1992 to a total of 47.3 million cords (table 2). Softwood roundwood comprised about 68 percent of the roundwood production, while hardwood roundwood comprised 32 percent. From 1991 to 1992, softwood roundwood production decreased by slightly less than 1 percent, and hardwood roundwood production increased by a little over 4 percent.

Alabama led roundwood production with 8.7 million cords, followed by Georgia with 7.0 million cords and Mississippi with 5.4 million cords (table 3). The total roundwood production for the three States made up about 45 percent of the total roundwood production for the Southern States. South Carolina had the highest increase with 18 percent, while Oklahoma had the highest decrease of 21 percent. The leader for softwood roundwood was Georgia with 5.5 million cords, even though this amount decreased from that in 1991 by 1 percent. Alabama was next with 5.1 million cords, and third-ranked Florida had a total of 3.9 million cords. For hardwood roundwood production, Alabama led with 3.6 million cords. Mississippi and North Carolina produced 2.5 and 1.7 million cords of hardwood roundwood, respectively.

Since 1991, the three States with the largest volume changes were Alabama and South Carolina with increases of 1.1 and 0.6 million cords respectively, while Mississippi decreased by 0.5 million cords (table 3).

Roundwood continued to be the leading material used for pulp manufacture and accounted for almost 70 percent of the total production. From 1983 to 1992, utilization of roundwood increased by 25 percent. Softwood roundwood use increased by over 24 percent, while hardwood roundwood use increased by 27 percent.

## Wood Residues

Wood residues production in the South increased 12 percent to 20.7 million cords for 1992 (table 4). Softwood residues accounted for 15.9 million cords. Chipped residues accounted for more than 99 percent of all residues, and about 77 percent of the chipped residues were softwood (table 5). Georgia generated 3.2 million cords of

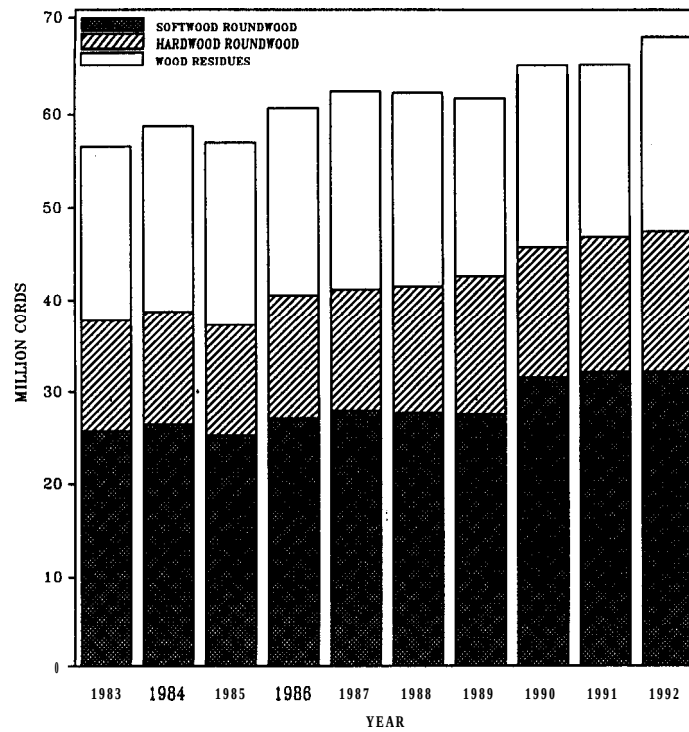


Figure 2.—Pulpwood production trends in the South, 1983-92.

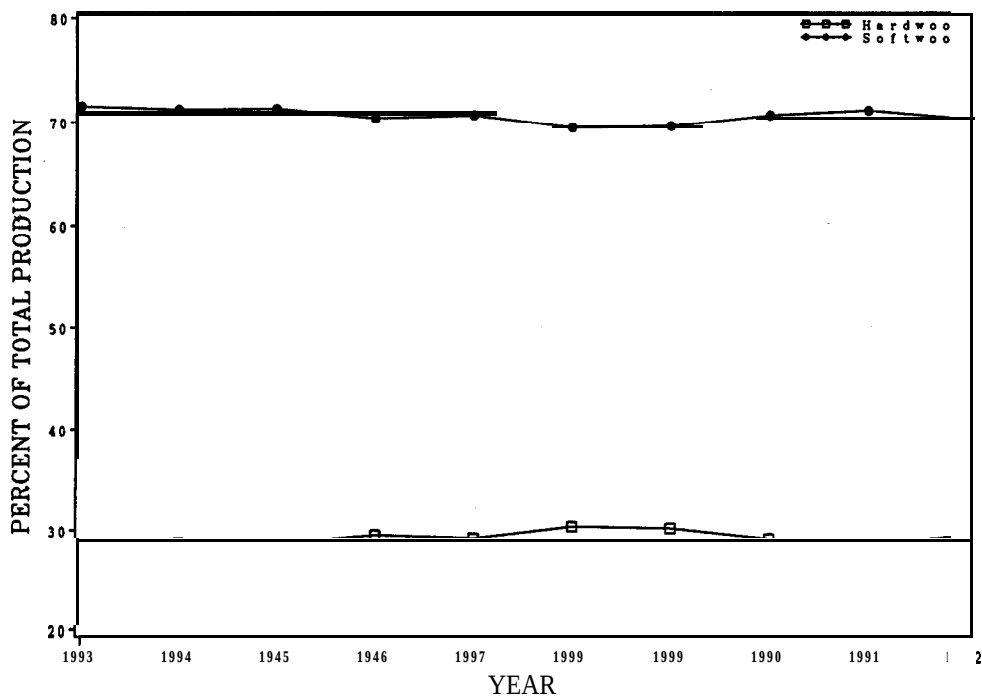


Figure 3.—Percentages of softwood and hardwood production in the South, 1983-92.

wood residues. Second-ranked Alabama and third-ranked Arkansas each contributed 2.6 cords respectively. Georgia led softwood residues production with 2.7 million cords, and Arkansas was first in hardwood residues production with 0.9 million cords. All States, except Florida, Mississippi, Oklahoma, Texas, and Virginia had production increases in 1992 for wood residues (table 4). Louisiana had the highest percentage increase, up 51 percent from 1991

and the largest volume increase, up about 0.8 million cords. Arkansas, Georgia, North Carolina, and Tennessee offset their roundwood production losses with gains in wood residues production of 24, 21, 3, and 5 percent, respectively. Oklahoma had the highest percentage decrease, 24 percent, and Mississippi had the largest volume decrease, 0.1 million cords, since 1991.

## REGIONAL FACTORS

By region, the **Midsouth** States had more pulpwood production (37.5 million cords) than the Southeastern States (30.4 million cords) (table 6). The **Midsouth** produced over 55 percent of the South's total pulpwood production. A comparison between regions showed that the **Midsouth** States had the most roundwood and wood residues production except for softwood roundwood for which the Southeastern States had an increase of almost 2 percent. The **Midsouth** softwood production reflected a **4-percent** increase compared to that of the Southeast, and 63 percent of the hardwood production was contributed by the **Midsouth** (table 6).

In 1992, Taylor County, Florida, and **McCurtain** County, Oklahoma, produced the most pulpwood roundwood of any county or parish in the South, more than 566,000 and 546,000 cords, respectively. Six counties or parishes produced over 300,000 cords of roundwood, 34 counties or parishes produced 200,000 to 300,000 cords, and 145 counties or parishes produced 100,000 or more cords (tables 7 through 18). Alabama led all States with 37 counties producing more than 100,000 cords of roundwood pulpwood per county. Softwood roundwood production appears to be concentrated in southwest Alabama where 18 counties produced 100,000 cords or more (fig. 4). Furthermore, Florida and Louisiana each had 13 counties or parishes producing 100,000 cords or more of softwood roundwood. Hardwood roundwood production appears to be focused in southwest Alabama where nine counties produced 100,000 cords or more (fig. 5).

## MILLS

In 1992, 103 pulpmills were operating in and drawing wood from the 12 Southern States (fig. 6, table 19). Although down 1 mill from 1991, pulping capacity of these

103 mills increased to over 133,000 tons per day (table 19). Alabama and Georgia continued to lead the South in the number of mills operating with 15 and 13 mills, respectively. Georgia led in pulping capacity with 21,397 tons per day, and Alabama was second with 21,293 tons per day. More than 83 percent of the pulp was processed by the sulfate method making up 111,510 tons per day. Four mills outside the 12-State region used pulpwood **from** the South in 1992 (table 20).

Alabama and Mississippi had the highest competition among mills drawing softwood and hardwood roundwood by county. These 2 States had 35 and 27 counties, respectively, **from** which 7 or more mills were drawing softwood roundwood (fig. 7). Alabama had 41 counties from which 7 or more mills were drawing hardwood, whereas Mississippi had 25 counties (fig. 8).

## TRENDS

From 1983 to 1992, Southern pulpwood production increased by 20 percent, from 56.6 to 67.9 million cords (fig. 2). During the same period, roundwood production increased from 37.8 to 47.3 million cords, a **25-percent** increase. Since 1983, hardwood roundwood and residues proportionally had a higher increase than softwood roundwood and residues; this resulted **from** technological advances in processing the hardwood pulp furnish and the fact that hardwood continues to be relatively less expensive and available in greater amounts. Between 1983 and 1992, softwood pulpwood production increased 18 percent, and hardwood pulpwood production increased 25 percent. Hardwood roundwood production increased more than 27 percent and was responsible for a 6-percent increase in the total pulpwood production from 1983 to 1992.

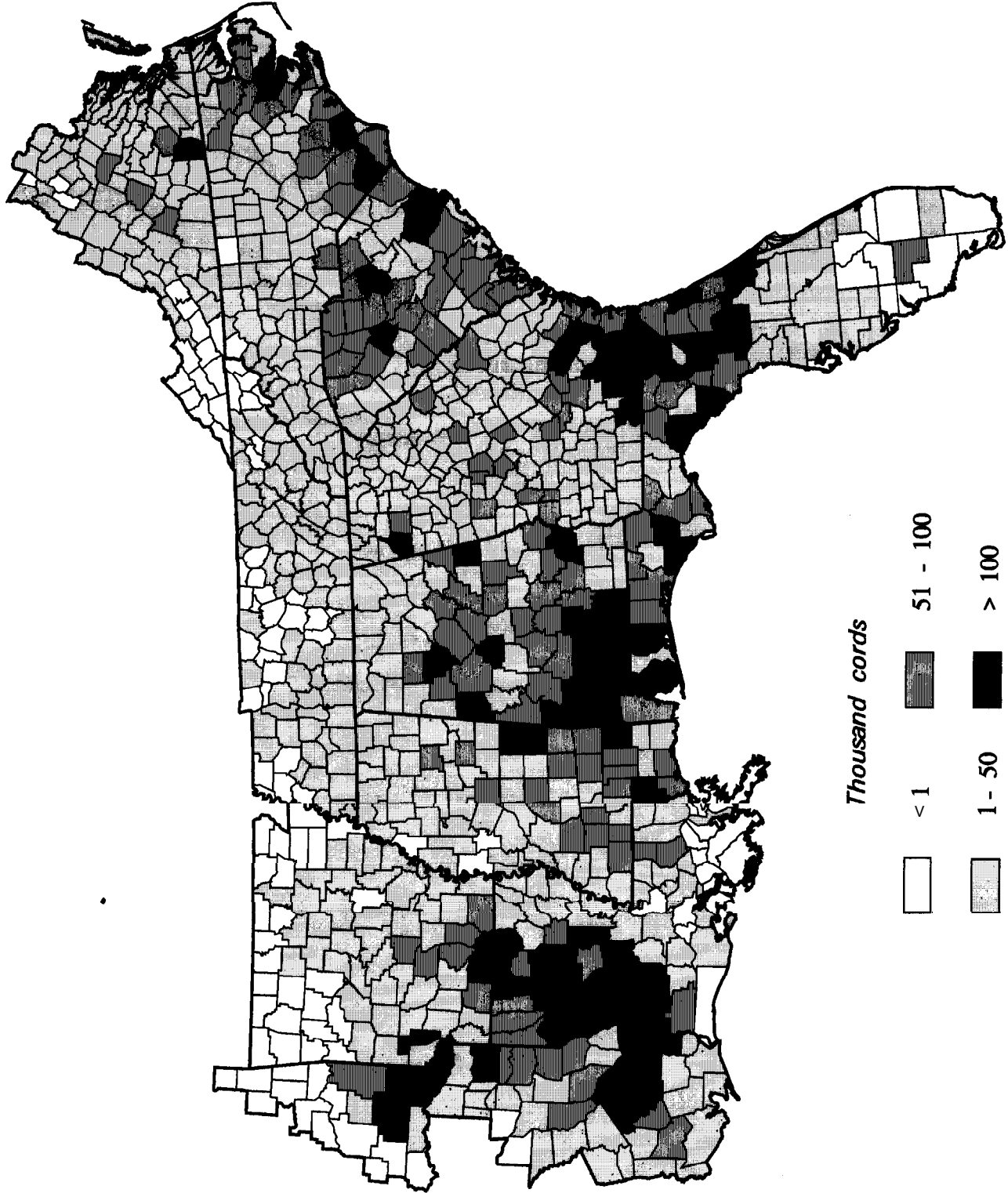


Figure 4.—Softwood roundwood production in the South by county or parish, 1992.

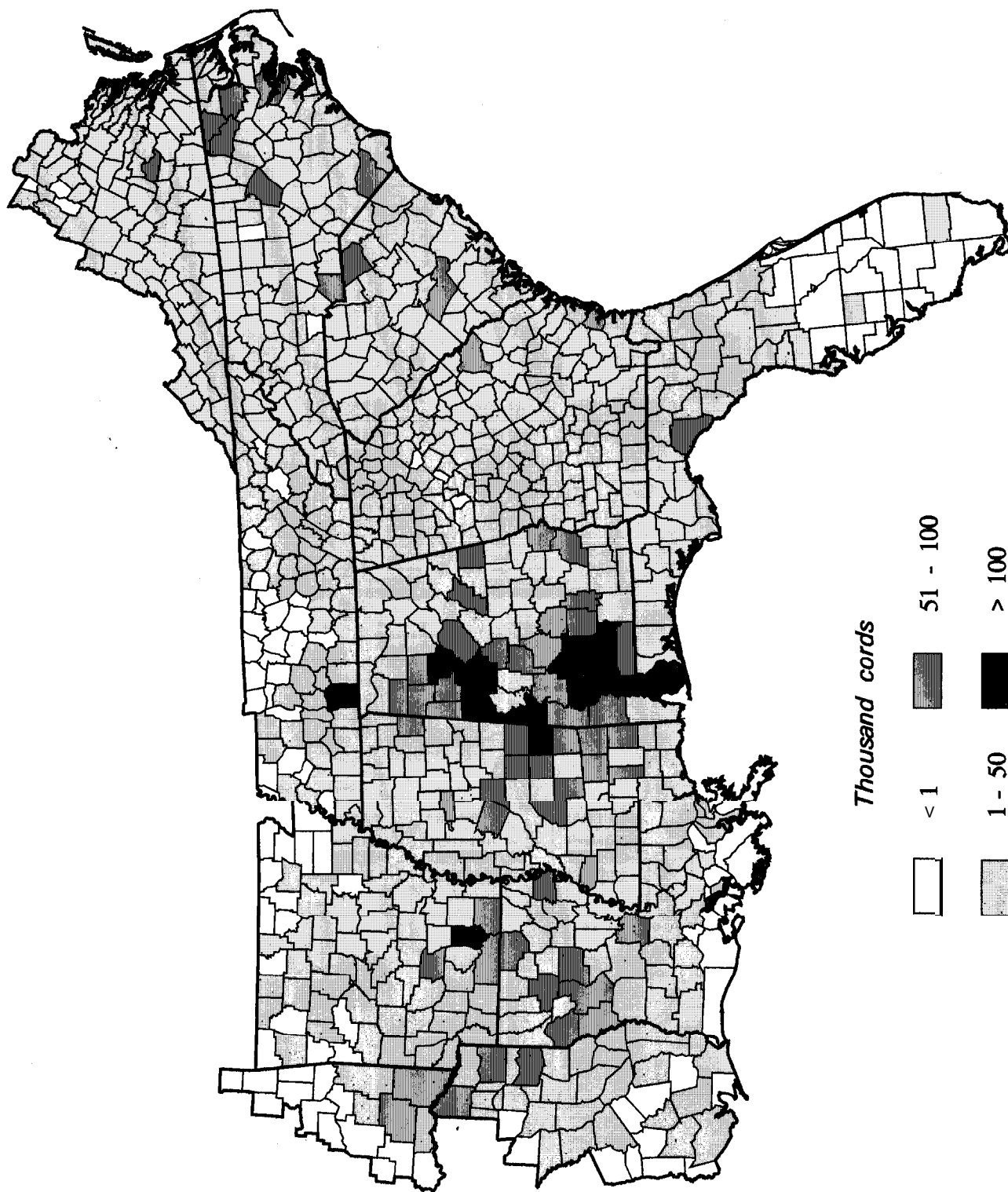


Figure 5.—Hardwood roundwood production in the South by county or parish, 1992.

# MILL CAPACITY (TONS PER DAY)

- < 250
- 1,000 TO 1,499
- 250 TO 499
- ▲ > 1,500
- 500 TO 999

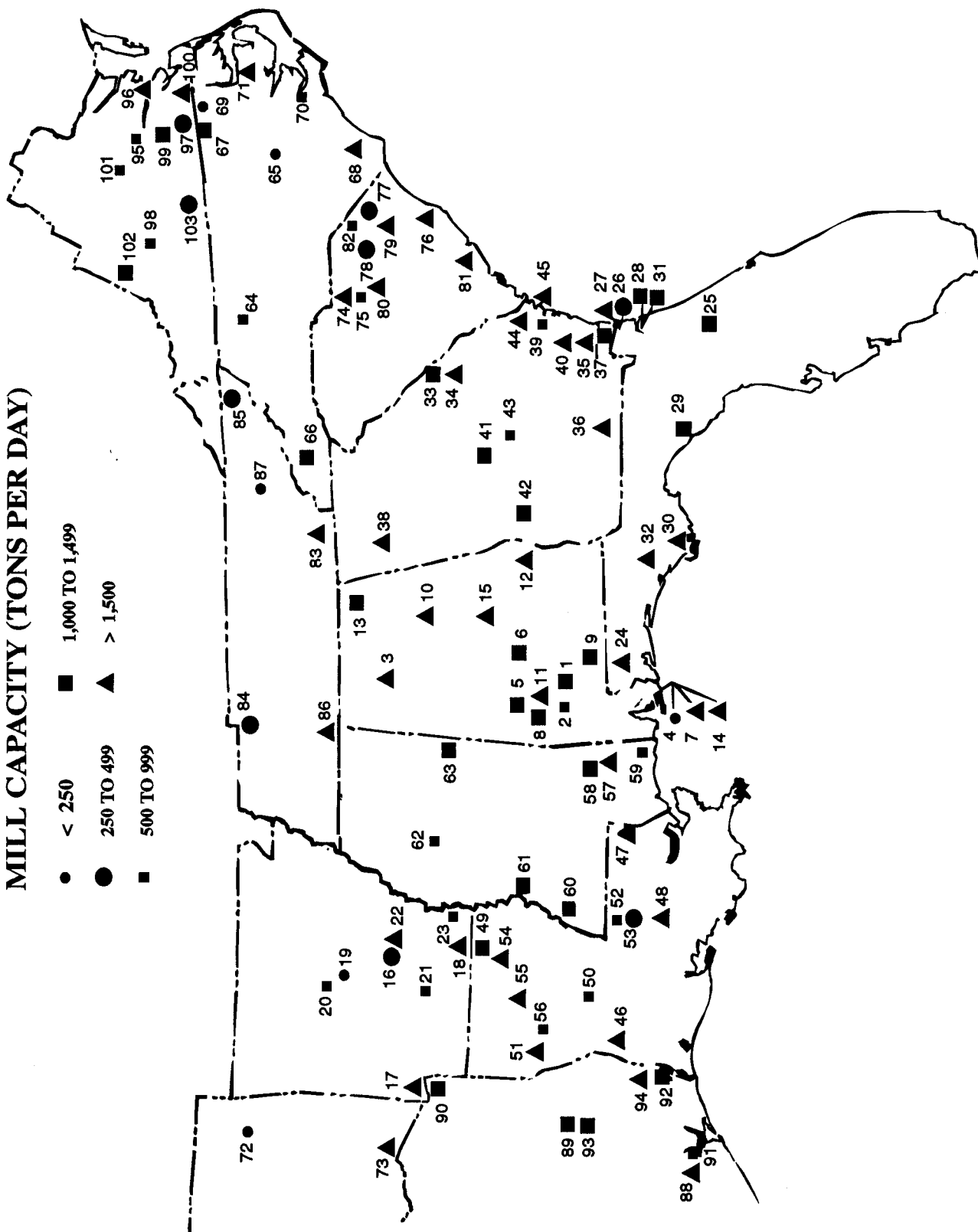


Figure 6.—Location and capacity of pulp mills operating in and drawing wood from the 12 Southern States in 1992. (Numerals are coded to table 19.)

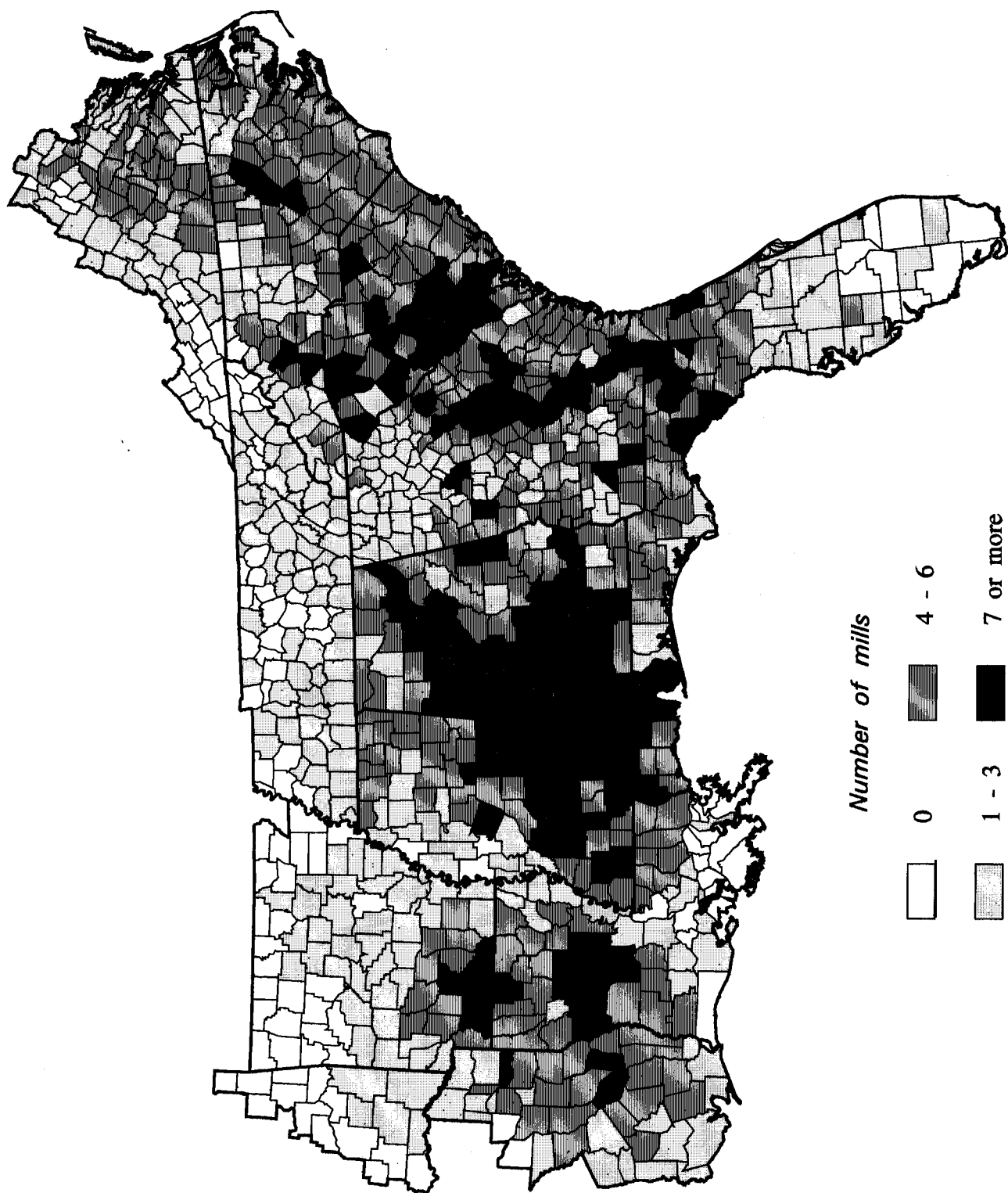


Figure 7.—Number of mills competing for softwood roundwood by county or parish, 1992.

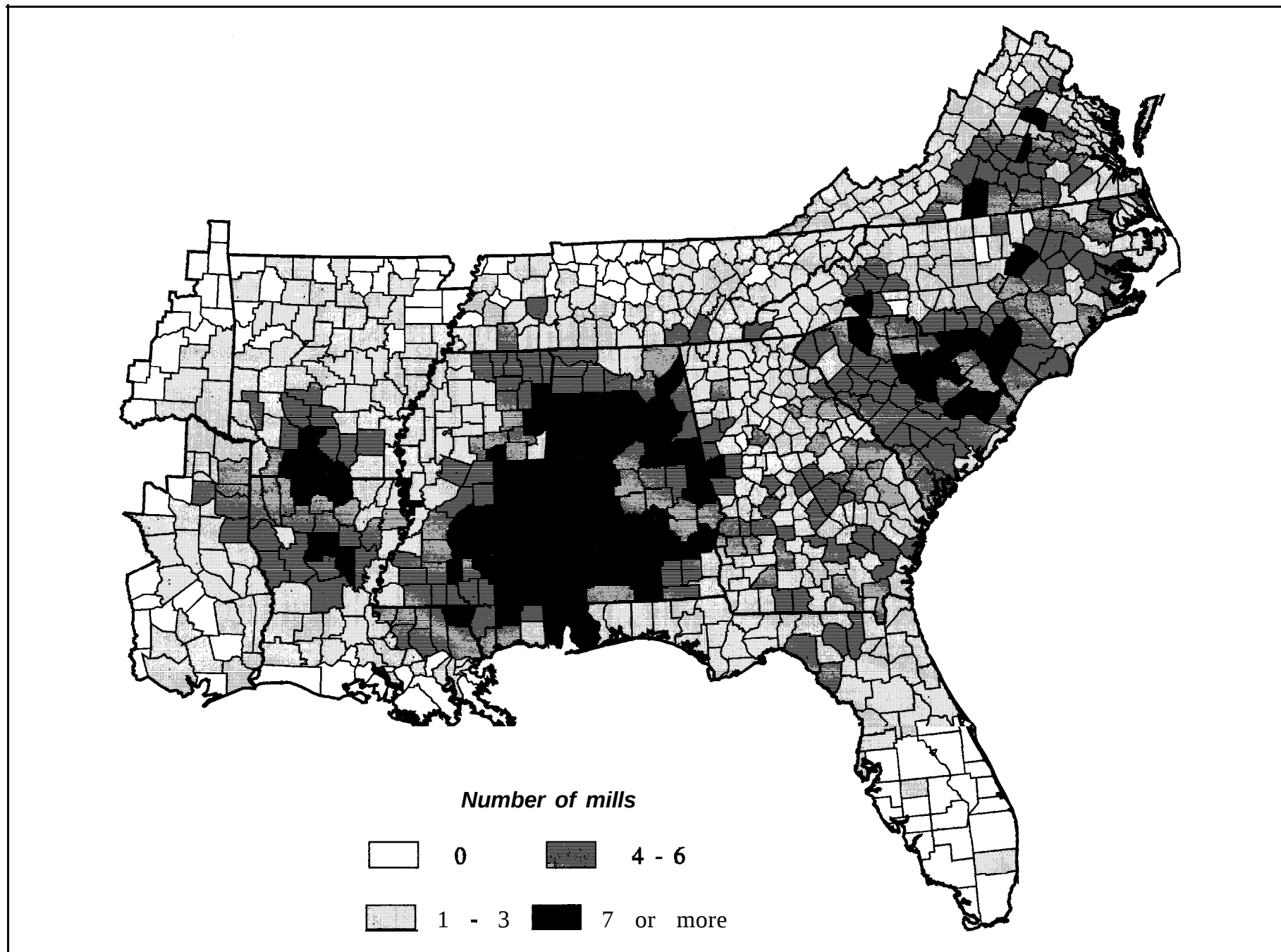


Figure 1.-Number of mills competing for hardwood roundwood by county or parish, 1992.

Table 1.—Pulpwood production in the South during 1992 and percentage changes since 1991

| State          | Pulpwood*      | Change  |
|----------------|----------------|---------|
|                | Thousand cords | Percent |
| Alabama        | 11,354.1       | 14      |
| Arkansas       | 4,816.7        | 4       |
| Florida        | 4,935.2        | 1       |
| Georgia        | 10,225s        | 5       |
| Louisiana      | 6,923.7        | 16      |
| Mississippi    | 7,581.5        | -7      |
| North Carolina | 6,351.3        | -4      |
| Oklahoma       | 991.5          | -21     |
| South Carolina | 5,410.3        | 17      |
| Tennessee      | 1,337.0        | -8      |
| Texas          | 4,534.0        | 2       |
| Virginia       | 3,478.8        | 2       |
| All states     | 67,939.6       | 4       |

\*Column data may not add to totals due to rounding.

Table 2.—Roundwood production in the South, by State and species group, 1992\*

| State          | All species              | Softwood | Hardwood |
|----------------|--------------------------|----------|----------|
|                | .....Thousand cords..... |          |          |
| Alabama        | 8,704.1                  | 5,105.2  | 3,598.9  |
| Arkansas       | 2,213.3                  | 1,387.1  | 826.2    |
| Florida        | 4,268.9                  | 3,851.6  | 417.3    |
| Georgia        | 7,040.9                  | 5,503.6  | 1,537.4  |
| Louisiana      | 4,461.5                  | 3,107.9  | 1,353.6  |
| Mississippi    | 5,359.4                  | 2,851.9  | 2,507.4  |
| North Carolina | 4,525.5                  | 2,802.3  | 1,723.2  |
| Oklahoma       | 848.0                    | 710.3    | 137.7    |
| South Carolina | 3,878.3                  | 2,764.7  | 1,113.6  |
| Tennessee      | 1,027.9                  | 564.5    | 463.4    |
| Texas          | 2,516.9                  | 2,007.6  | 509.4    |
| Virginia       | 2,406.5                  | 1,333.3  | 1,073.2  |
| All states     | 47,251.4                 | 31,990.1 | 15,261.3 |

\*Row and column data may not add to totals due to rounding.

Table 3.—Roundwood production in the South, by State and species group, 1992 and 1991 \*

| State          | Change from 1991 | 1992                     |          |          | 1991      |          |          |
|----------------|------------------|--------------------------|----------|----------|-----------|----------|----------|
|                |                  | All species              | Softwood | Hardwood | All speck | Softwood | Hardwood |
|                | Percent          | .....Thousand cords..... |          |          |           |          |          |
| Alabama        | 14               | 8,704.1                  | 5,105.2  | 3,598.9  | 7,646.3   | 4,326.9  | 3,319.4  |
| Arkansas       | -13              | 2,213.3                  | 1,387.1  | 826.2    | 2,547.7   | 1,538.7  | 1,009.0  |
| Florida        | 2                | 4,268.9                  | 3,851.6  | 417.3    | 4,191.6   | 3,815.1  | 376.5    |
| Georgia        | -1               | 7,040.9                  | 5,503.6  | 1,537.4  | 7,119.8   | 5,608.1  | 1,511.7  |
| Louisiana      | 3                | 4,461.5                  | 3,107.9  | 1,353.6  | 4,318.9   | 3,187.2  | 1,131.7  |
| Mississippi    | -8               | 5,359.4                  | 2,851.9  | 2,507.4  | 5,825.1   | 3,442.7  | 2,382.3  |
| North Carolina | -6               | 4,525.5                  | 2,802.3  | 1,723.2  | 4,828.4   | 3,016.3  | 1,812.0  |
| Oklahoma       | -21              | 848.0                    | 710.3    | 137.7    | 1,074.4   | 856.3    | 218.1    |
| South Carolina | 18               | 3,878.3                  | 2,764.7  | 1,113.6  | 3,280.4   | 2,342.0  | 938.4    |
| Tennessee      | -11              | 1,027.9                  | 564.5    | 463.4    | 1,150.3   | 743.2    | 407.1    |
| Texas          | 7                | 2,516.9                  | 2,007.6  | 509.4    | 2,360.1   | 1,899.3  | 460.7    |
| Virginia       | 4                | 2,406.5                  | 1,333.3  | 1,073.2  | 2,306.9   | 1,235.3  | 1,071.6  |
| All states     | 1                | 47,251.4                 | 31,990.1 | 15,261.3 | 46,650.1  | 32,011.2 | 14,638.8 |

\*Row and column data may not add to totals due to rounding.

Table 4.—*Wood residues production in the South for pulp manufacture, by State and species group, 1992 and 1991\**

| State          | Change<br>from<br>1991 | 1992                            |                 |          | 1991            |                 |                |
|----------------|------------------------|---------------------------------|-----------------|----------|-----------------|-----------------|----------------|
|                |                        | All<br>species                  | Softwood        | Hardwood | All<br>species  | Softwood        | Hardwood       |
|                | <i>Percent</i>         | <i>-----Thousand cords-----</i> |                 |          |                 |                 |                |
| Alabama        | 17                     | <b>2,650.0</b>                  | <b>1,932.2</b>  | 717.8    | 2,273.1         | <b>1,992.4</b>  | 280.7          |
| Arkansas       | 24                     | <b>2,603.4</b>                  | <b>1,723.6</b>  | 879.8    | <b>2,091.2</b>  | <b>1,391.2</b>  | 699.9          |
| Florida        | -7                     | 666.3                           | 617.2           | 49.1     | 715.4           | 665.8           | 49.5           |
| Georgia        | 21                     | 3,184.5                         | 2,739.0         | 445.5    | <b>2,636.7</b>  | <b>2,284.9</b>  | 351.7          |
| Louisiana      | 51                     | <b>2,462.1</b>                  | <b>1,889.9</b>  | 572.2    | <b>1,629.1</b>  | <b>1,412.3</b>  | 216.7          |
| Mississippi    | -4                     | <b>2,222.2</b>                  | <b>1,927.2</b>  | 295.0    | <b>2,324.8</b>  | <b>1,936.2</b>  | 388.6          |
| North Carolina | 3                      | <b>1,825.7</b>                  | <b>1,291.8</b>  | 534.0    | <b>1,773.9</b>  | <b>1,145.4</b>  | 628.5          |
| Oklahoma       | -24                    | 143.5                           | 128.5           | 15.0     | 188.1           | 149.5           | 38.7           |
| South Carolina | 15                     | <b>1,531.9</b>                  | <b>1,346.1</b>  | 185.9    | <b>1,332.2</b>  | <b>1,144.5</b>  | 187.7          |
| Tennessee      | 5                      | 309.1                           | 158.3           | 150.8    | 295.7           | 56.8            | 238.8          |
| Texas          | -3                     | <b>2,017.1</b>                  | <b>1,480.8</b>  | 536.2    | <b>2,071.3</b>  | <b>1,500.0</b>  | 571.3          |
| Virginia       | -3                     | 1,072.3                         | 637.6           | 434.7    | 1,100.2         | 684.9           | 415.3          |
| All states     | 12                     | <b>20,688.2</b>                 | <b>15,872.2</b> | 4,816.0  | <b>18,431.8</b> | <b>14,364.1</b> | <b>4,067.7</b> |

\*Row and column data may not add to totals due to rounding.

Table 5.—*Wood residues production in the South for pulp manufacture, by State and type of residue, 1992\**

| Table 2. Wood residues production in the South for pulp manufacturing, by State and type of Residue, 1972 |                          |             |          |          |                             |          |          |
|-----------------------------------------------------------------------------------------------------------|--------------------------|-------------|----------|----------|-----------------------------|----------|----------|
|                                                                                                           | Chips                    |             |          |          | Other residues <sup>†</sup> |          |          |
| State                                                                                                     | All types                | All species | Softwood | Hardwood | All species                 | Softwood | Hardwood |
|                                                                                                           | -----Thousand cords----- |             |          |          |                             |          |          |
| Alabama                                                                                                   | 2,650.0                  | 2,610.0     | 1,892.2  | 717.8    | 40.0                        | 40.0     | 0.0      |
| Arkansas                                                                                                  | 2,603.4                  | 2,603.4     | 1,723.6  | 879.8    | 0.0                         | 0.0      | 0.0      |
| Florida                                                                                                   | 666.3                    | 666.3       | 617.2    | 49.1     | 0.0                         | 0.0      | 0.0      |
| Georgia                                                                                                   | 3,184.5                  | 3,178.3     | 2,734.3  | 444.0    | 6.2                         | 4.7      | 1.5      |
| Louisiana                                                                                                 | 2,462.1                  | 2,462.1     | 1,889.9  | 572.2    | 0.0                         | 0.0      | 0.0      |
| Mississippi                                                                                               | 2,222.2                  | 2,222.2     | 1,927.2  | 295.0    | 0.0                         | 0.0      | 0.0      |
| North Carolina                                                                                            | 1,825.7                  | 1,804.8     | 1,276.9  | 527.8    | 20.9                        | 14.8     | 6.1      |
| Oklahoma                                                                                                  | 143.5                    | 143.5       | 128.5    | 15.0     | 0.0                         | 0.0      | 0.0      |
| South Carolina                                                                                            | 1,531.9                  | 1,505.5     | 1,319.6  | 185.9    | 26.4                        | 26.4     | 0.0      |
| Tennessee                                                                                                 | 309.1                    | 309.1       | 158.3    | 150.8    | 0.0                         | 0.0      | 0.0      |
| Texas                                                                                                     | 2,017.1                  | 2,017.1     | 1,480.8  | 536.2    | 0.0                         | 0.0      | 0.0      |
| Virginia                                                                                                  | 1,072.3                  | 1,055.6     | 637.6    | 418.1    | 16.6                        | 0.0      | 16.6     |
| All States                                                                                                | 20,688.2                 | 20,578.0    | 15,786.3 | 4,791.7  | 110.2                       | 85.9     | 24.3     |

\*Row and column data may not add to totals due to rounding.

<sup>†</sup>Veneer cores, pole and piling trim, cull material, sawdust, and secondary residues.Table 6.—*Pulpwood production in the Southeast and Midsouth, 1992*

| Region and<br>source of wood | All<br>species                  | Softwood          | Hardwood          |
|------------------------------|---------------------------------|-------------------|-------------------|
|                              | <i>-----Thousand cords-----</i> |                   |                   |
| Southeast*                   |                                 |                   |                   |
| Roundwood                    | <b>22,120,164</b>               | <b>16,255,570</b> | <b>5,864,594</b>  |
| Residues                     | <b>8,280,789</b>                | <b>6,631,594</b>  | <b>1,649,195</b>  |
| Total                        | <b>30,400,953</b>               | <b>22,887,164</b> | <b>7,513,789</b>  |
| Midsouth <sup>†</sup>        |                                 |                   |                   |
| Roundwood                    | <b>25,131,201</b>               | <b>15,734,547</b> | <b>9,396,654</b>  |
| Residues                     | <b>12,407,366</b>               | <b>9,240,566</b>  | 3,166,800         |
| Total                        | <b>37,538,567</b>               | <b>24,975,113</b> | <b>12,563,454</b> |
| Entire South                 |                                 |                   |                   |
| Roundwood                    | <b>47,251,365</b>               | <b>31,990,117</b> | <b>15,261,248</b> |
| Residues                     | <b>20,688,155</b>               | <b>15,872,160</b> | <b>4,815,995</b>  |
| Total                        | <b>67,939,520</b>               | 47,862,277        | 20,077,243        |

\*States of Florida, Georgia, North Carolina, South Carolina, and Virginia.

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

Table 7.—Round pulpwood production in Alabama, 1992

| County*        | All species                | Softwood      | Hardwood       |
|----------------|----------------------------|---------------|----------------|
|                | ----- Standard cords ----- |               |                |
| Autauga        | 83,801                     | <b>57,500</b> | 26,301         |
| Baldwin        | 361,517                    | 261,431       | 100,086        |
| <b>Barbour</b> | 239,937                    | 147,077       | 92,860         |
| Bibb           | 220,591                    | 139,215       | 81,376         |
| Blount         | 58,950                     | 21,301        | 37,649         |
| Bullock        | 114,785                    | 67,556        | 47,229         |
| Butter         | 233,612                    | 166,575       | 67,037         |
| <b>Calhoun</b> | 51,157                     | 41,860        | 9,297          |
| Chambers       | 86,837                     | 48,891        | 37,946         |
| Cherokee       | 31,727                     | 23,268        | 8,459          |
| Chilton        | 63,274                     | 42,755        | 20,519         |
| Choctaw        | 212,514                    | 123,497       | 89,017         |
| Clarke         | 415,186                    | 257,969       | 157,217        |
| Clay           | 60,486                     | 37,975        | 22,511         |
| Cleburne       | 83,801                     | 63,763        | 20,038         |
| Coffee         | 61,462                     | 45,709        | 15,753         |
| Colbert        | 63,191                     | 28,274        | 34,917         |
| Conecuh        | 403,824                    | 278,703       | 125,121        |
| <b>Coosa</b>   | 112,458                    | 69,854        | 42,604         |
| Covington      | 159,129                    | 119,233       | 39,896         |
| Crenshaw       | 108,998                    | 53,491        | 55,499         |
| <b>Cullman</b> | 61,352                     | 28,244        | 33,108         |
| Dale           | 75,117                     | 41,859        | 33,258         |
| Dallas         | 157,529                    | 91,701        | 65,828         |
| <b>De Kalb</b> | 55,007                     | 23,382        | 3 1,625        |
| <b>Elmore</b>  | 48,048                     | 25,598        | 22,450         |
| Escambia       | 265,374                    | 213,269       | 52,105         |
| Etowab         | <b>47,3</b> 17             | 25,366        | 21,951         |
| Fayette        | 164,301                    | 92,270        | <b>72,03</b> 1 |
| Franklin       | 117,071                    | 32,303        | 84,768         |
| Geneva         | 56,181                     | 30,989        | 25,192         |
| Greene         | 90,760                     | 46,517        | 44,243         |
| Hale           | 46,568                     | 18,434        | 28,134         |
| <b>Henry</b>   | 77,683                     | 42,473        | 35,210         |
| Houston        | 57,819                     | 38,662        | 19,157         |
| Jackson        | 45,240                     | 9,144         | 36,096         |
| Jefferson      | 131,135                    | 60,389        | 70,746         |
| Lamar          | 125,448                    | 42,455        | 82,993         |
| Lauderdale     | 36,627                     | 9,498         | 27,129         |
| Lawrence       | 43,951                     | 21,135        | 22,816         |
| Lee            | 69,667                     | 48,547        | 21,120         |
| Limestone      | <b>7,03</b> 1              | 2,643         | 4,388          |
| <b>Lowndes</b> | 137,669                    | 85,675        | 51,994         |
| Macon          | 67,641                     | 29,765        | 37,876         |
| Madison        | 15,110                     | 7,039         | 8,071          |
| Marengo        | 165,147                    | 96,368        | 68,779         |
| Marion         | 128,005                    | <b>38,096</b> | 89,909         |
| Marshall       | 26,348                     | 7,758         | <b>18,590</b>  |
| Mobile         | 120,715                    | 93,166        | 27,549         |
| Monroe         | 396,960                    | 276,700       | 120,260        |
| Montgomery     | 104,714                    | 76,157        | 28,557         |
| <b>Morgan</b>  | 34,914                     | 22,400        | 14,514         |
| <b>Perry</b>   | 100,868                    | 41,881        | 58,987         |
| <b>Pickens</b> | 252,632                    | 122,467       | 130,165        |
| Pike           | 143,565                    | 93,857        | 49,708         |
| Randolph       | 187,055                    | 108,016       | 79,039         |
| Russell        | 151,561                    | 99,266        | 52,295         |

**Table 7.—Round pulpwood production in Alabama, 1992—Continued**

| <b>County*</b>                  | <b>All<br/>species</b> | <b>Softwood</b>  | <b>Hardwood</b>  |
|---------------------------------|------------------------|------------------|------------------|
| <b>.....Standard cords.....</b> |                        |                  |                  |
| St. Clair                       | 135,152                | 97,007           | 38,145           |
| Shelby                          | 109,838                | 91,559           | 18,279           |
| Sumter                          | 192,066                | 91,175           | 100,891          |
| Talladega                       | 125,799                | 64,753           | 61,046           |
| Tallapoosa                      | 85,634                 | 57,964           | 27,670           |
| Tuscaloosa                      | 213,207                | 59,640           | 153,567          |
| Walker                          | 262,164                | 135,124          | 127,040          |
| Washington                      | 201,150                | 116,141          | 85,009           |
| Wilcox                          | 224,223                | 87,620           | 136,603          |
| Winston                         | 115,544                | 64,833           | 50,711           |
| All counties                    | <b>8,704,136</b>       | <b>5,105,202</b> | <b>3,598,934</b> |

\*Counties with no pulpwood production are omitted.

**Table 8.—Round pulpwood production in Arkansas, 1992**

| <b>county*</b>                  | <b>All<br/>species</b> | <b>Softwood</b> | <b>Hardwood</b> |
|---------------------------------|------------------------|-----------------|-----------------|
| <b>.....Standard cords.....</b> |                        |                 |                 |
| <b>Arkansas</b>                 | 15,457                 | 82              | 15,375          |
| Ashley                          | 148,774                | 66,375          | 82,399          |
| <b>Baxter</b>                   | 28                     | 0               | 28              |
| <b>Boone</b>                    | 18                     | 0               | 18              |
| Bradley                         | 174,134                | 56,283          | 117,851         |
| <b>Calhoun</b>                  | 109,015                | 78,589          | 30,426          |
| Carroll                         | 11                     | 0               | 11              |
| <b>Chicot</b>                   | 28,750                 | 1,622           | 27,128          |
| Clark                           | 37,605                 | 30,627          | 6,978           |
| Cleburne                        | 13,995                 | 3,642           | 10,353          |
| Cleveland                       | 78,048                 | 45,113          | 32,935          |
| Columbia                        | 131,356                | 97,014          | 34,342          |
| Conway                          | <b>100</b>             | 19              | 81              |
| Crittenden                      | 804                    | 0               | 804             |
| Cross                           | 1,247                  | 40              | 1,207           |
| Dallas                          | 129,258                | 71,509          | 57,749          |
| <b>Desha</b>                    | 8,201                  | 35              | 8,166           |
| <b>Drew</b>                     | 96,998                 | 47,159          | 49,839          |
| Faulkner                        | <b>9,033</b>           | 1,691           | 7,342           |
| Franklin                        | 7                      | 0               | 7               |
| Garland                         | 10,172                 | 3,452           | 6,720           |
| Grant                           | 131,605                | 99,793          | 31,812          |
| Hempstead                       | 34,112                 | 25,832          | 8,280           |
| Hot Spring                      | 40,363                 | 26,599          | 13,764          |
| Howard                          | 135,064                | 123,982         | 11,082          |
| Independence                    | 10,431                 | 265             | 10,166          |
| Jackson                         | 445                    | 153             | 292             |
| Jefferson                       | 55,879                 | 32,074          | 23,805          |
| Johnson                         | 8                      | 0               | 8               |

Table 8.—Round pulpwood production in Arkansas, 1992—Continued

| county*                  | All<br>species   | Softwood         | Hardwood     |
|--------------------------|------------------|------------------|--------------|
| .....Standard cords..... |                  |                  |              |
| Lafayette                | 51,100           | 30,978           | 20,122       |
| Lawrence                 | 75               | 0                | 75           |
| Lee                      | 1,836            | 60               | 1,776        |
| Lincoln                  | 50,340           | 40,030           | 10,310       |
| Little River             | 169,057          | 166,725          | 2,332        |
| Lonoke                   | 1,993            | 138              | 1,855        |
| Miller                   | 59,791           | 39,373           | 20,418       |
| Monroe                   | 1,985            | 31               | 1,954        |
| Montgomery               | 7,643            | 7,491            | <b>152</b>   |
| Nevada                   | 44,249           | <b>35,312</b>    | 8,937        |
| Newton                   | 37               | 0                | 37           |
| Ouachita                 | 67,393           | 48,724           | 18,669       |
| <b>Perry</b>             | 2,928            | 412              | 2,516        |
| Phillips                 | 2,123            | 35               | 2,088        |
| P i e                    | 11,760           | 10,048           | 1,712        |
| Polk                     | 8,426            | 8,148            | 278          |
| Pope                     | 456              | 0                | 456          |
| Prairie                  | 1,675            | 0                | 1,675        |
| Pulaski                  | 5,573            | 1,683            | 3,890        |
| St. Francis              | 468              | 226              | 242          |
| Saline                   | <b>30,960</b>    | 18,979           | 11,981       |
| <b>Scott</b>             | 4,765            | 4,669            | %            |
| <b>Searcy</b>            | 10,140           | 86               | 10,054       |
| <b>Sevier</b>            | 26,077           | 24,562           | 1,515        |
| <b>Sharp</b>             | 18               | <b>18</b>        | 0            |
| Stone                    | 8,805            | 274              | <b>8,531</b> |
| Union                    | 220,206          | 132,825          | 87,381       |
| Van Buren                | 10,493           | 2,672            | 7,821        |
| Washington               | <b>12</b>        | 0                | <b>12</b>    |
| White                    | 11,876           | 1,628            | 10,248       |
| woodruff                 | 20               | 20               | 0            |
| Yell                     | 137              | 30               | 107          |
| All counties             | <b>2,213,335</b> | <b>1,387,127</b> | 826,208      |

\*Counties with no pulpwood production are omitted.

Table 9.—Round pulpwood production in Florida, 1992

| County*                  | All<br>species | Softwood   | Hardwood |
|--------------------------|----------------|------------|----------|
| .....Standard cords..... |                |            |          |
| <b>Alachua</b>           | 136,878        | 129,118    | 7,760    |
| Baker                    | 125,530        | 121,916    | 3,614    |
| <b>Bay</b>               | 161,697        | 161,631    | 66       |
| Bradford                 | 135,890        | 131,798    | 4,092    |
| <b>Brevard</b>           | 6,667          | 6,667      | 0        |
| <b>Broward</b>           | 140            | <b>133</b> | 7        |
| <b>Calhoun</b>           | 126,330        | 117,106    | 9,224    |
| Citrus                   | 23,005         | 17,837     | 5,168    |
| Clay                     | 101,911        | 97,042     | 4,869    |
| Columbia                 | 153,681        | 146,051    | 7,630    |

Table 9.—Round pulpwood production in Florida, 1992—Continued

| county*                  | All<br>species   | Softwood         | Hardwood     |
|--------------------------|------------------|------------------|--------------|
| -----Standard cords----- |                  |                  |              |
| <b>De Soto</b>           | 31,866           | 31,866           | 0            |
| Dixie                    | 133,631          | 103,932          | 29,699       |
| <b>Duval</b>             | 92,563           | 88,971           | 3,594        |
| Escambia                 | 51,876           | 46,474           | 5,402        |
| <b>Flagler</b>           | 78,246           | 71,461           | 6,785        |
| Franklin                 | 93,176           | 91,620           | 1,556        |
| <b>Gadsden</b>           | 77,636           | 58,870           | 18,766       |
| Gilchrist                | 76,116           | 73,237           | 2,879        |
| Gulf                     | 38,867           | 38,830           | 37           |
| Hamilton                 | 86,080           | 75,359           | 10,721       |
| <b>Hardee</b>            | 21,035           | 21,010           | 25           |
| <b>Hendry</b>            | 93,777           | 93,777           | 0            |
| Hernando                 | 21,520           | 19,377           | <b>2,143</b> |
| <b>Hillsborough</b>      | 3,704            | 3,704            | 0            |
| Holmes                   | 95,035           | 64,043           | 30,992       |
| Indian River             | 741              | 741              | 0            |
| Jackson                  | 117,184          | 85,193           | 31,991       |
| Jefferson                | 50,826           | 37,038           | 13,788       |
| Lafayette                | 46,378           | 38,122           | 8,256        |
| Lake                     | <b>12,496</b>    | 11,112           | 1,384        |
| <b>Leon</b>              | 43,434           | 34,852           | 8,582        |
| <b>Levy</b>              | 74,634           | <b>60,517</b>    | 14,117       |
| Liberty                  | 82,701           | 80,550           | 2,151        |
| Madison                  | 82,216           | 67,116           | 15,100       |
| Manatee                  | 1,686            | 1,686            | 0            |
| Marion                   | 133,679          | 122,966          | 10,713       |
| Nassau                   | 226,550          | 211,135          | 15,415       |
| Okaloosa                 | 62,630           | 58,547           | 4,083        |
| Orange                   | 4,074            | 4,074            | 0            |
| <b>Osceola</b>           | <b>3,704</b>     | 3,704            | 0            |
| Pasco                    | 16,697           | 15,269           | 1,428        |
| <b>Pinellas</b>          | 36               | 0                | 36           |
| Polk                     | 4,051            | 4,051            | 0            |
| Putnam                   | 72,789           | 65,647           | 7,142        |
| St. Johns                | 131,915          | 118,880          | 13,035       |
| St. <b>Lucie</b>         | 1,852            | 1,852            | 0            |
| Santa Rosa               | 115,802          | 109,668          | 6,134        |
| Sarasota                 | 1,852            | 1,852            | 0            |
| Seminole                 | 6,907            | 6,262            | 645          |
| Sumter                   | 21,542           | 17,971           | 3,571        |
| Suwannee                 | 93,008           | 88,194           | 4,814        |
| Taylor                   | 566,522          | 505,429          | 61,093       |
| Union                    | 22,307           | 18,981           | 3,326        |
| Volusia                  | 132,038          | 127,300          | 4,738        |
| Wakulla                  | <b>22,896</b>    | 22,833           | 63           |
| <b>Walton</b>            | 84,344           | 74,948           | 9,396        |
| Washington               | 64,509           | 43,288           | 21,221       |
| All counties             | <b>4,268,859</b> | <b>3,851,608</b> | 417,251      |

\*Counties with no pulpwood production are omitted.

Table 10.—*Round pulpwood production in* Georgia, 1992

| County*                           | All<br>species | Softwood      | Hardwood     |
|-----------------------------------|----------------|---------------|--------------|
| ----- <i>Standard cords</i> ----- |                |               |              |
| <b>Appling</b>                    | 132,021        | 120,136       | 11,885       |
| Atkinson                          | 27,502         | 26,621        | 881          |
| Bacon                             | 44,464         | 30,193        | 14,271       |
| Baker                             | 13,303         | 12,187        | 1,116        |
| Baldwin                           | 37,673         | 31,742        | <b>5,931</b> |
| Banks                             | 9,824          | 7,843         | 1,981        |
| Barrow                            | 3,368          | 3,368         | 0            |
| <b>Bartow</b>                     | 73,325         | <b>66,951</b> | 6,374        |
| Ben Hill                          | 85,267         | 65,403        | 19,864       |
| <b>Berrien</b>                    | 15,807         | 13,046        | 2,761        |
| Bibb                              | 18,537         | 17,547        | 990          |
| Bleckley                          | 20,371         | 14,283        | 6,088        |
| Brantley                          | 138,618        | 119,907       | 18,711       |
| Brooks                            | 24,312         | 13,127        | 11,185       |
| <b>Bryan</b>                      | 41,221         | 34,082        | 7,139        |
| <b>Bulloch</b>                    | 73,658         | 47,467        | 26,191       |
| Burke                             | 112,887        | 57,478        | 55,409       |
| Butts                             | 30,826         | 29,255        | 1,571        |
| Calhoun                           | 8,691          | 6,428         | 2,263        |
| Camden                            | 114,715        | 90,678        | 24,037       |
| Candler                           | 40,795         | <b>30,518</b> | 10,277       |
| Carroll                           | 50,587         | 40,751        | 9,836        |
| Catoosa                           | 9,729          | 8,037         | 1,692        |
| Charlton                          | 221,153        | 176,681       | 44,472       |
| <b>Chatham</b>                    | 48,864         | <b>40,912</b> | 7,952        |
| Chattahoochee                     | 33,162         | 22,619        | 10,543       |
| Chattooga                         | 43,028         | 28,764        | 14,264       |
| Cherokee                          | <b>15,331</b>  | 13,001        | 2,330        |
| Clarke                            | 1,185          | 15            | 1,170        |
| Clay                              | 10,313         | 6,806         | 3,507        |
| Clayton                           | 1,890          | 1,562         | 328          |
| Clinch                            | 247,848        | 241,420       | 6,428        |
| Cobb                              | 4,665          | 4,033         | 632          |
| Coffee                            | 72,501         | 58,027        | 14,474       |
| Colquitt                          | 24,417         | 17,492        | 6,925        |
| Columbia                          | 18,027         | 10,518        | 7,509        |
| Cook                              | 3,807          | 3,784         | 23           |
| <b>Coweta</b>                     | 54,235         | 48,425        | 5,810        |
| Crawford                          | 78,307         | 62,474        | 15,833       |
| crisp                             | 29,741         | 19,793        | 9,948        |
| Dade                              | 1,480          | 532           | 948          |
| Dawson                            | 17,761         | 15,897        | 1,864        |
| Decatur                           | 26,488         | 17,626        | 8,862        |
| De Kalb                           | 5,278          | 5,100         | 178          |
| Dodge                             | 67,582         | 44,715        | 22,867       |
| <b>Dooly</b>                      | 15,040         | 14,407        | 633          |
| Dougherty                         | 34,384         | 32,027        | 2,357        |
| Douglas                           | 13,822         | 12,963        | 859          |
| Early                             | 25,878         | 23,125        | 2,753        |
| <b>Echols</b>                     | 190,003        | 180,217       | 9,786        |
| <b>Effingham</b>                  | 61,476         | 37,582        | 23,894       |
| <b>Elbert</b>                     | 28,027         | 11,809        | 16,218       |
| Emanuel                           | 55,102         | 39,104        | 15,998       |
| Evans                             | 17,783         | 9,203         | 8,580        |
| Fannin                            | 13,789         | 12,424        | 1,365        |
| Fayette                           | 5,890          | 5,890         | 0            |
| Floyd                             | 133,271        | 120,354       | 12,917       |
| <b>Forsyth</b>                    | 3,863          | 3,118         | 745          |
| Franklin                          | 15,383         | 12,483        | 2,900        |
| Fulton                            | 12,559         | 11,554        | 1,005        |

Table 10.—Round pulpwood production in Georgia, 1992—Continued

| County*                  | All<br>species | Softwood      | Hardwood      |
|--------------------------|----------------|---------------|---------------|
| -----Standard cords----- |                |               |               |
| <b>Gilmer</b>            | 21,698         | 19,593        | <b>2,105</b>  |
| <b>Glascock</b>          | 20,015         | 11,164        | <b>8,851</b>  |
| <b>Glynn</b>             | 138,542        | 85,681        | <b>52,861</b> |
| <b>Gordon</b>            | 34,470         | 29,799        | <b>4,671</b>  |
| <b>Grady</b>             | 41,513         | 24,177        | <b>17,336</b> |
| <b>Greene</b>            | 52,837         | 38,148        | <b>14,689</b> |
| <b>Gwinnett</b>          | 13,417         | 12,127        | <b>1,290</b>  |
| <b>Habersham</b>         | 3,576          | 1,974         | <b>1,602</b>  |
| <b>Hall</b>              | 37,873         | 36,240        | <b>1,633</b>  |
| <b>Hancock</b>           | 73,248         | 49,994        | <b>23,254</b> |
| <b>Haralson</b>          | 31,035         | 24,765        | <b>6,270</b>  |
| <b>Harris</b>            | 66,116         | 47,889        | <b>18,227</b> |
| <b>Hart</b>              | 2,903          | 1,063         | <b>1,840</b>  |
| <b>Heard</b>             | 52,473         | 35,979        | <b>16,494</b> |
| <b>Henry</b>             | 42,081         | 39,185        | <b>2,896</b>  |
| <b>Houston</b>           | 51,494         | 47,782        | <b>3,712</b>  |
| <b>Irwin</b>             | 22,246         | 20,815        | <b>1,431</b>  |
| <b>Jackson</b>           | 22,600         | 19,647        | <b>2,953</b>  |
| <b>Jasper</b>            | 36,577         | 35,054        | <b>1,523</b>  |
| <b>Jeff Davis</b>        | 87,769         | 64,598        | <b>23,171</b> |
| <b>Jefferson</b>         | 47,442         | 28,331        | <b>19,111</b> |
| <b>Jenkins</b>           | 37,667         | <b>18,940</b> | <b>18,727</b> |
| <b>Johnson</b>           | 35,181         | 25,458        | <b>9,723</b>  |
| <b>Jones</b>             | 42,710         | 36,532        | <b>6,178</b>  |
| <b>Lamar</b>             | 91,561         | 89,652        | <b>1,909</b>  |
| <b>Lanier</b>            | 6,679          | 6,209         | <b>470</b>    |
| <b>Laurens</b>           | 64,306         | 45,366        | <b>18,940</b> |
| <b>Lee</b>               | 13,791         | <b>11,669</b> | <b>2,122</b>  |
| <b>Liberty</b>           | 68,266         | 42,055        | <b>26,211</b> |
| <b>Lincoln</b>           | 30,476         | 8,754         | <b>21,722</b> |
| <b>Long</b>              | 88,344         | 65,724        | <b>22,620</b> |
| <b>Lowndes</b>           | 140,918        | 129,535       | <b>11,383</b> |
| <b>Lumpkin</b>           | 2,440          | 1,681         | <b>759</b>    |
| <b>McDuffie</b>          | 25,223         | <b>15,992</b> | <b>9,231</b>  |
| <b>McIntosh</b>          | 88,935         | 70,589        | <b>18,346</b> |
| <b>Macon</b>             | 28,768         | 24,252        | <b>4,516</b>  |
| <b>Madison</b>           | 5,451          | 4,012         | <b>1,439</b>  |
| <b>Marion</b>            | 88,150         | 70,169        | <b>17,981</b> |
| <b>Meriwether</b>        | 83,972         | 61,843        | <b>22,129</b> |
| <b>Miller</b>            | <b>5,222</b>   | 3,510         | <b>1,712</b>  |
| <b>Mitchell</b>          | 56,643         | 38,130        | <b>18,513</b> |
| <b>Monroe</b>            | 65,584         | 61,825        | <b>3,759</b>  |
| <b>Montgomery</b>        | 19,980         | 10,631        | <b>9,349</b>  |
| <b>Morgan</b>            | 6,551          | 4,705         | <b>1,846</b>  |
| <b>Murray</b>            | 30,380         | 27,167        | <b>3,213</b>  |
| <b>Muscogee</b>          | 19,652         | 14,502        | <b>5,150</b>  |
| <b>Newton</b>            | 7,733          | 7,574         | <b>159</b>    |
| <b>Oconee</b>            | 9,145          | 5,240         | <b>3,905</b>  |
| <b>Oglethorpe</b>        | 34,605         | 12,601        | <b>22,004</b> |
| <b>Paulding</b>          | 36,789         | 33,354        | <b>3,435</b>  |
| <b>Peach</b>             | 14,984         | 13,379        | <b>1,605</b>  |
| <b>Pickens</b>           | 7,964          | <b>6,551</b>  | <b>1,413</b>  |
| <b>Pierce</b>            | 47,357         | 34,495        | <b>12,862</b> |
| <b>Pike</b>              | 16,150         | <b>15,063</b> | <b>1,087</b>  |
| <b>Polk</b>              | 31,859         | 27,043        | <b>4,816</b>  |
| <b>Pulaski</b>           | <b>11,588</b>  | 10,448        | <b>1,140</b>  |
| <b>Putnam</b>            | 55,412         | 53,818        | <b>1,594</b>  |

Table 10.—Round pulpwood production in Georgia. 1992—Continued

| County*                  | All<br>species   | Softwood         | Hardwood         |
|--------------------------|------------------|------------------|------------------|
| -----Standard cords----- |                  |                  |                  |
| <b>Quitman</b>           | 23,321           | 17,932           | 5,395            |
| <b>Rabun</b>             | 2,788            | 1,109            | 1,679            |
| Randolph                 | 50,861           | 37,363           | 13,498           |
| Richmond                 | 25,097           | 13,004           | 12,093           |
| <b>Rockdale</b>          | 959              | 959              | 0                |
| Schley                   | 30,906           | 22,083           | 8,823            |
| <b>Screven</b>           | 61,294           | 28,241           | 33,053           |
| Seminole                 | 3,709            | 3,151            | 558              |
| Spalding                 | 25,483           | 23,680           | 1,803            |
| Stephens                 | 2,448            | 1,107            | 1,341            |
| Stewart                  | 76,295           | 54,762           | 21,533           |
| Sumter                   | 38,031           | 25,250           | 12,781           |
| Talbot                   | 38,687           | 30,107           | 8,580            |
| <b>Taliaferro</b>        | 27,288           | 8,554            | 18,734           |
| Tattnall                 | 37,662           | 28,972           | 8,690            |
| Taylor                   | 35,202           | 32,587           | 2,615            |
| Telfair                  | 90,188           | 82,172           | 8,016            |
| Terrell                  | 23,857           | 16,423           | 7,434            |
| Thomas                   | 64,330           | 41,147           | 23,183           |
| <b>Tift</b>              | 10,206           | 4,812            | 5,394            |
| Toombs                   | 36,162           | 28,347           | 7,815            |
| Towns                    | 2,759            | 1,096            | 1,663            |
| Treutlen                 | 24,259           | 21,484           | 2,775            |
| Troup                    | 56,634           | 40,650           | 15,984           |
| Turner                   | 20,610           | 18,028           | 2,582            |
| Twiggs                   | 75,306           | 59,850           | 15,456           |
| Union                    | 4,420            | 2,285            | 2,135            |
| <b>Upson</b>             | 46,232           | 42,055           | 4,177            |
| Walker                   | 20,609           | 16,073           | 4,536            |
| Walton                   | 5,221            | 2,109            | 3,112            |
| <b>Ware</b>              | 140,248          | 136,066          | 4,182            |
| Warren                   | 56,352           | 26,951           | 29,401           |
| <b>Washington</b>        | 73,069           | 35,649           | 37,420           |
| Wayne                    | 295,504          | 275,088          | 20,416           |
| Webster                  | 68,818           | 55,033           | 13,785           |
| Wheeler                  | 28,607           | 21,619           | 6,988            |
| White                    | 11,692           | 11,323           | 369              |
| Whittield                | 28,339           | 26,622           | 1,717            |
| Wilcox                   | 56,058           | 52,764           | 3,294            |
| Wilkes                   | 102,857          | 54,648           | 48,209           |
| Wilkinson                | 75,242           | 30,269           | 44,973           |
| worth                    | 42,130           | 36,150           | 5,980            |
| All counties             | <b>7,040,941</b> | <b>5,503,551</b> | <b>1,537,390</b> |

\*Counties with no pulpwood production are omitted.

Table | *I-Roundpulpwoodproduction in Louisiana, 1992*

| Parish'                    | All<br>species | Softwood   | Hardwood      |
|----------------------------|----------------|------------|---------------|
| ----- Standard cords ----- |                |            |               |
| Acadia                     | 4,600          | 4,566      | 34            |
| Allen                      | 146,608        | 127,234    | 19,374        |
| Ascension                  | 13,499         | 3,093      | 10,406        |
| Avoyelles                  | 72,933         | 1,803      | 71,130        |
| Beauregard                 | 232,065        | 230,495    | 1,570         |
| Bienville                  | 265,486        | 204,778    | 60,708        |
| Bossier                    | 103,453        | 64,218     | 39,235        |
| <b>Caddo</b>               | 96,833         | 55,559     | 41,274        |
| Calcasieu                  | 66,032         | 65,232     | 800           |
| <b>Caldwell</b>            | 69,942         | 50,087     | 19,855        |
| Catahoula                  | 29,959         | 23,402     | 6,557         |
| Claiborne                  | 157,938        | 112,081    | 45,857        |
| Concordia                  | 33,101         | 12         | 33,089        |
| De sot0                    | 229,140        | 150,442    | 78,698        |
| East Baton Rouge           | 21,632         | 7,812      | 813,820       |
| East Carroll               | 11,070         | 25         | 11,045        |
| East Feliciana             | <b>69,751</b>  | 48,911     | 20,840        |
| <b>Evangeline</b>          | 49,409         | 40,532     | 8,877         |
| Franklin                   | 6,622          | 273        | 6,349         |
| <b>Grant</b>               | 81,642         | 52,985     | 28,657        |
| <b>Iberia</b>              | 63             | 63         | 0             |
| <b>Iberville</b>           | 23,332         | 38         | 23,294        |
| Jackson                    | 190,953        | 143,630    | 47,323        |
| Jefferson                  | 46             | 8          | 38            |
| Jefferson Davis            | 2,364          | 2,358      | 6             |
| La Salle                   | 148,907        | 103,656    | <b>45,251</b> |
| Lincoln                    | 140,045        | 96,557     | 43,488        |
| Livingston                 | 112,365        | 77,329     | 35,036        |
| Madison                    | 60,938         | 17         | <b>60,921</b> |
| Morehouse                  | 64,949         | 21,683     | 43,266        |
| Natchitoches               | 212,223        | 147,028    | 65,195        |
| Orleans                    | 24             | 0          | 24            |
| Ouachita                   | 79,773         | 45,301     | 34,472        |
| Pointe Coupee              | 6,998          | 0          | 6,998         |
| <b>Rapides</b>             | 161,448        | 130,360    | 31,088        |
| Red River                  | 70,072         | 42,105     | 27,967        |
| <b>Richland</b>            | 6,285          | 371        | <b>5,914</b>  |
| Sabine                     | <b>262,531</b> | 202,096    | 60,435        |
| St. Charles                | 514            | 0          | 514           |
| St. Helena                 | 147,476        | 98,941     | 48,535        |
| St. James                  | 650            | 0          | 650           |
| St. Landry                 | 2,485          | <b>200</b> | 2,285         |
| St. Martin                 | 15,327         | 0          | 15,327        |
| St. Tammany                | 42,898         | 36,547     | <b>6,351</b>  |

Table 1 1.—Round pulpwood production in Louisiana, 1992—Continued

| Parish*                    | All species      | Softwood         | Hardwood         |
|----------------------------|------------------|------------------|------------------|
| .....-Standard cords-..... |                  |                  |                  |
| Tangipahoa                 | 73,402           | 41,026           | 32,376           |
| <b>Tensas</b>              | 3,345            | 197              | 3,148            |
| Union                      | 228,208          | 165,136          | 63,072           |
| Vermilion                  | 12               | 12               | 0                |
| Vernon                     | 286,352          | 284,620          | 1,732            |
| Washington                 | 61,406           | 47,858           | 13,548           |
| Webster                    | 87,733           | 55,612           | 32,121           |
| West Baton Rouge           | 3,079            | 166              | 2,913            |
| West Carroll               | 3,242            | 549              | 2,693            |
| West Feliciana             | 14,032           | 4,205            | 9,827            |
| Winn                       | 186,331          | 116,700          | <b>69,631</b>    |
| All parishes               | <b>4,461,523</b> | <b>3,107,909</b> | <b>1,353,614</b> |

\*Parishes with no pulpwood production are omitted.

Table 12.—Round pulpwood production in Mississippi, 1992

| county'                  | All species | Softwood     | Hardwood |
|--------------------------|-------------|--------------|----------|
| .....-Standard cord..... |             |              |          |
| <b>Adams</b>             | 51,860      | <b>3,794</b> | 48,066   |
| Alcom                    | 39,780      | 18,756       | 21,024   |
| <b>Amite</b>             | 81,661      | 56,885       | 24,776   |
| <b>Attala</b>            | 149,983     | 83,549       | 66,434   |
| <b>Benton</b>            | 10,699      | 6,422        | 4,277    |
| <b>Bolivar</b>           | 32          | 23           | 9        |
| <b>Calhoun</b>           | 11,312      | 4,902        | 6,410    |
| <b>Carroll</b>           | 45,641      | 13,963       | 31,678   |
| Chickasaw                | 90,757      | 85,365       | 5,392    |
| Choctaw                  | 39,319      | 21,263       | 18,056   |
| Claiborne                | 61,402      | 21,679       | 39,723   |
| Clarke                   | 162,346     | 78,333       | 84,013   |
| Clay                     | 23,515      | 10,791       | 12,724   |
| Coahoma                  | 3,055       | 0            | 3,055    |
| Copiah                   | 88,169      | 53,815       | 34,354   |
| Covington                | 71,078      | 33,199       | 37,879   |
| <b>DeSoto</b>            | 3,887       | 1,136        | 2,751    |
| <b>Forrest</b>           | 121,675     | 63,999       | 57,676   |
| <b>Franklin</b>          | 41,570      | 24,781       | 16,789   |
| George                   | 46,276      | 30,803       | 15,473   |
| Greene                   | 192,968     | 135,026      | 57,942   |
| Grenada                  | 85,196      | 14,274       | 70,922   |
| Hancock                  | 71,378      | 63,601       | 7,777    |
| Harrison                 | 58,466      | 51,024       | 7,442    |
| Hinds                    | 76,063      | 32,512       | 43,551   |
| <b>Holmes</b>            | 128,599     | 45,699       | 82,900   |
| Humphreys                | 1,415       | 0            | 1,415    |
| Issaquena                | 37,207      | 729          | 36,478   |
| Itawamba                 | 92,105      | 31,431       | 60,674   |
| Jackson                  | 58,031      | 48,963       | 9,068    |
| <b>Jasper</b>            | 98,907      | 52,789       | 46,118   |
| Jefferson                | 73,950      | 20,940       | 53,010   |
| Jefferson Davis          | 46,879      | 30,939       | 15,940   |
| Jones                    | 161,219     | 86,842       | 74,377   |

Table 12.—Round pulpwood production in Mississippi, 1992—Continued

| county*                    | All<br>species   | Softwood      | Hardwood         |
|----------------------------|------------------|---------------|------------------|
| ..... Standard cords ..... |                  |               |                  |
| <b>Kemper</b>              | 190,005          | 117,586       | 72,419           |
| Lafayette                  | 54,218           | 44,089        | 10,129           |
| Lamar                      | 75,474           | 62,295        | 13,179           |
| Lauderdale                 | 244,414          | 101,535       | 142,879          |
| Lawrence                   | 67,977           | 54,154        | 13,823           |
| <b>Leake</b>               | 80,552           | 33,927        | 46,625           |
| Lee                        | 13,618           | 4,729         | 8,889            |
| <b>Leflore</b>             | 1,456            | 74            | 1,382            |
| Lincoln                    | 82,501           | 50,048        | 32,453           |
| Lowndes                    | 28,975           | 2,970         | 26,005           |
| Madison                    | 64,086           | 34,265        | 29,821           |
| <b>Marion</b>              | 69,437           | 40,788        | 28,649           |
| Marshall                   | 77,765           | 31,199        | 46,566           |
| Monroe                     | 32,395           | 13,778        | 18,617           |
| Montgomery                 | 75,393           | 37,323        | 38,070           |
| Neshoba                    | 129,700          | 39,655        | 90,045           |
| Newton                     | 107,856          | 43,157        | 64,699           |
| Noxubee                    | 48,405           | 8,895         | 39,510           |
| Oktibbeha                  | 69,356           | 55,046        | 14,310           |
| Panola                     | 28,843           | 11,233        | 17,610           |
| Pearl River                | 152,279          | 123,574       | 28,705           |
| <b>Perry</b>               | 85,534           | 51,522        | 34,012           |
| Pike                       | 66,629           | 50,338        | 16,291           |
| Pontotoc                   | 17,953           | 9,522         | <b>8,431</b>     |
| Prentiss                   | 75,401           | 31,721        | 43,680           |
| <b>Quitman</b>             | 2,799            | 910           | 1,889            |
| <b>Rankin</b>              | 143,363          | 89,078        | 54,285           |
| <b>Scott</b>               | 86,495           | 64,397        | 22,098           |
| Sharkey                    | 4,289            | 80            | 4,209            |
| Simpson                    | 85,612           | <b>47,631</b> | 37,981           |
| Smith                      | 96,441           | 46,026        | 50,415           |
| Stone                      | 46,394           | 37,203        | 9,191            |
| <b>Sunflower</b>           | 403              | 171           | 232              |
| Tallahatchie               | 14,638           | 4,522         | 10,116           |
| Tate                       | 6,566            | 5,507         | 1,059            |
| Tippah                     | 73,629           | 39,923        | 33,706           |
| Tishomingo                 | 74,861           | 37,722        | 37,139           |
| <b>Tunica</b>              | 27               | 4             | 23               |
| Union                      | 19,825           | <b>7,238</b>  | 12,587           |
| <b>Walthall</b>            | 28,104           | 19,647        | 8,457            |
| Warren                     | 46,782           | 1,931         | <b>44,851</b>    |
| Washington                 | 13,570           | 0             | 13,570           |
| Wayne                      | 143,158          | 80,264        | 62,894           |
| Webster                    | 31,512           | 18,316        | 13,196           |
| Wilkinson                  | 49,375           | 15,454        | 33,921           |
| Winston                    | 69,743           | 28,355        | 41,388           |
| Yalobusha                  | 37,557           | 21,707        | 15,850           |
| <b>Yazoo</b>               | 17,608           | 4,204         | 13,404           |
| <b>All counties</b>        | <b>5,359,373</b> | 2,851,940     | <b>2,507,433</b> |

\*Counties with no pulpwood production are omitted.

Table 13.—Round pulpwood production in North Carolina, 1992

| County*                  | All<br>species | Softwood | Hardwood |
|--------------------------|----------------|----------|----------|
| .....Standard cords..... |                |          |          |
| <b>Alamance</b>          | 3,680          | 3,680    | 0        |
| Alexander                | 9,284          | 5,233    | 4,051    |
| <b>Alleghany</b>         | 165            | 5        | 160      |
| <b>Anson</b>             | 70,712         | 59,352   | 11,360   |
| <b>Ashe</b>              | 612            | 0        | 612      |
| Avery                    | 6,480          | 3,145    | 3,335    |
| <b>Beaufort</b>          | 285,058        | 233,164  | 51,894   |
| <b>Bertie</b>            | 145,103        | 80,659   | 64,444   |
| Bladen                   | 98,120         | 54,847   | 43,273   |
| Brunswick                | 112,830        | 90,260   | 22,570   |
| Buncombe                 | 71,899         | 37,892   | 34,007   |
| Burke                    | 68,915         | 35,240   | 33,675   |
| <b>Cabarrus</b>          | 7,086          | 6,649    | 437      |
| <b>Caldwell</b>          | 33,677         | 14,302   | 19,375   |
| Camden                   | 16,468         | 9,482    | 6,986    |
| <b>Carteret</b>          | 30,497         | 27,317   | 3,180    |
| <b>Caswell</b>           | 14,898         | 373      | 14,525   |
| Catawba                  | 11,498         | 7,199    | 4,299    |
| <b>Chatham</b>           | 20,805         | 14,534   | 6,271    |
| Cherokee                 | 25,138         | 16,348   | 8,790    |
| <b>Chowan</b>            | 44,886         | 18,149   | 26,737   |
| Clay                     | <b>6,999</b>   | 3,185    | 3,814    |
| Cleveland                | 36,420         | 31,507   | 4,913    |
| Columbus                 | 185,286        | 120,005  | 65,281   |
| Craven                   | 113,112        | 82,177   | 30,935   |
| Cumberland               | 57,313         | 40,426   | 16,887   |
| Currituck                | 16,302         | 7,117    | 9,185    |
| Dare                     | 518            | 408      | 110      |
| Davidson                 | 7,229          | 6,614    | 615      |
| Davie                    | 3,024          | 794      | 2,230    |
| <b>Duplin</b>            | 91,981         | 55,597   | 36,384   |
| Durham                   | 574            | 567      | 7        |
| <b>Edgecombe</b>         | 45,136         | 21,583   | 23,553   |
| <b>Forsyth</b>           | 60             | 7        | 53       |
| <b>Franklin</b>          | 48,094         | 31,254   | 16,840   |
| <b>Gaston</b>            | 6,999          | 6,999    | 0        |
| Gates                    | 68,485         | 34,461   | 34,024   |
| <b>Graham</b>            | 8,879          | 3,668    | 5,211    |
| Granville                | 15,578         | 9,708    | 5,870    |
| Greene                   | 23,420         | 8,261    | 15,159   |
| Guilford                 | 6,489          | 2,181    | 4,308    |
| Halifax                  | 172,572        | 92,815   | 79,757   |
| <b>Harnett</b>           | 33,096         | 30,514   | 2,582    |
| <b>Haywood</b>           | 73,167         | 37,388   | 35,779   |
| Henderson                | 7,808          | 3,751    | 4,057    |
| <b>Hertford</b>          | 57,119         | 30,724   | 26,395   |
| Hoke                     | 17,465         | 14,644   | 2,821    |
| Hyde                     | 46,043         | 36,791   | 9,252    |
| <b>Iredell</b>           | 19,948         | 13,438   | 6,510    |
| Jackson                  | 3 1,534        | 20,899   | 10,635   |
| Johnston                 | 45,816         | 22,794   | 23,022   |
| Jones                    | 79,608         | 43,650   | 35,958   |
| <b>Lee</b>               | 19,411         | 10,450   | 8,961    |
| <b>Lenoir</b>            | 53,579         | 30,719   | 22,860   |
| Lincoln                  | 32,967         | 23,148   | 9,819    |

Table 13.—*Round pulpwood production in North Carolina, 1992—Continued*

| county*            | All<br>species   | Softwood<br><i>Standard cords</i> | Hardwood         |
|--------------------|------------------|-----------------------------------|------------------|
| <b>McDowell</b>    | 31,740           | 14,994                            | 16,746           |
| Macon              | 20,432           | 10,669                            | 9,763            |
| Madison            | 21,464           | 9,695                             | 11,769           |
| Martin             | 109,013          | 95,759                            | 13,254           |
| <b>Mecklenburg</b> | 6,258            | 5,954                             | 304              |
| Mitchell           | 5,888            | 3,145                             | 2,743            |
| Montgomery         | 50,914           | 33,444                            | 17,470           |
| Moore              | 77,204           | 45,183                            | <b>32,021</b>    |
| Nash               | 49,886           | 18,904                            | 30,982           |
| New Hanover        | 49,544           | 41,753                            | 7,791            |
| Northampton        | 99,432           | 32,456                            | 66,976           |
| <b>Onslow</b>      | <b>92,455</b>    | 63,421                            | 29,034           |
| Orange             | 2,323            | 1,492                             | 831              |
| <b>Pamlico</b>     | 43,308           | 21,460                            | 21,848           |
| <b>Pasquotank</b>  | 23,524           | 9,951                             | 13,573           |
| <b>Pender</b>      | 171,541          | 128,567                           | 42,974           |
| Perquimans         | 30,555           | 19,717                            | 10,838           |
| Person             | 24,118           | 9,500                             | 14,618           |
| Pitt               | 131,063          | 96,141                            | 34,922           |
| Polk               | 22,021           | 14,627                            | 7,394            |
| Randolph           | 4,795            | 3,856                             | 939              |
| Richmond           | 47,458           | 41,377                            | 6,081            |
| <b>Robeson</b>     | 126,648          | 84,123                            | 42,525           |
| <b>Rockingham</b>  | 14,490           | 0                                 | 14,490           |
| <b>Rowan</b>       | 7,044            | 4,928                             | 2,116            |
| Rutherford         | 67,177           | 38,603                            | 28,574           |
| Sampson            | 90,617           | 51,651                            | 38,966           |
| Scotland           | 42,836           | 32,762                            | 10,074           |
| <b>Stanly</b>      | 9,612            | 8,515                             | 1,097            |
| Stokes             | 15,722           | 30                                | 15,692           |
| <b>Surry</b>       | 11,436           | 3,040                             | 8,396            |
| Swain              | 18,188           | 9,633                             | 8,555            |
| Transylvania       | <b>8,913</b>     | 3,212                             | 5,701            |
| <b>Tyrrell</b>     | 74,821           | 63,712                            | 11,109           |
| Union              | 73,798           | 17,959                            | 55,839           |
| Vance              | 19,992           | 12,208                            | 7,784            |
| Wake               | <b>83,596</b>    | 28,799                            | 54,797           |
| Warren             | <b>67,469</b>    | 37,745                            | 29,724           |
| Washington         | 61,534           | 50,462                            | 11,072           |
| <b>Watauga</b>     | 663              | 11                                | 652              |
| Wayne              | 40,687           | 13,359                            | 27,328           |
| Wilkes             | 24,379           | 6,107                             | 18,272           |
| Wilson             | 33,315           | 14,046                            | 19,269           |
| <b>Yadkin</b>      | 1,930            | 153                               | 1,777            |
| <b>Yancey</b>      | 5,888            | 3,145                             | 2,743            |
| All counties       | <b>4,525,533</b> | <b>2,802,342</b>                  | <b>1,723,191</b> |

\*Counties with no pulpwood production are omitted.

Table 14.—Round pulpwood production in Oklahoma, 1992

| County*                           | All<br>species | Softwood | Hardwood |
|-----------------------------------|----------------|----------|----------|
| ..... <i>Standard cords</i> ..... |                |          |          |
| Choctaw                           | 4,486          | 4,389    | 97       |
| Latimer                           | 31             | 30       | 1        |
| <b>Le Flore</b>                   | 70,188         | 70,158   | 30       |
| <b>McCurtain</b>                  | 546,165        | 482,988  | 63,177   |
| <b>Pushmataha</b>                 | 227,104        | 152,747  | 74,357   |
| All counties                      | 847,974        | 710,312  | 137,662  |

\*Counties with no pulpwood production are omitted.

Table 15.—Round pulpwood production in South Carolina, 1992

| County*                           | All<br>species | Softwood | Hardwood |
|-----------------------------------|----------------|----------|----------|
| ----- <i>Standard cords</i> ..... |                |          |          |
| Abbeville                         | 63,284         | 35,690   | 27,594   |
| <b>Aiken</b>                      | 107,695        | 88,330   | 19,365   |
| <b>Allendale</b>                  | 35,685         | 20,384   | 15,301   |
| Anderson                          | 17,508         | 10,065   | 7,443    |
| <b>Bamberg</b>                    | 58,067         | 41,273   | 16,794   |
| <b>Barnwell</b>                   | 67,867         | 46,164   | 21,703   |
| Eleaufort                         | 34,433         | 23,467   | 10,966   |
| Berkeley                          | 84,380         | 72,285   | 12,095   |
| Calhoun                           | <b>44,091</b>  | 32,403   | 11,688   |
| Charleston                        | 39,124         | 31,506   | 7,618    |
| Cherokee                          | 76,235         | 62,874   | 13,361   |
| Chester                           | 97,644         | 73,836   | 23,808   |
| Chesterfield                      | 151,365        | 93,137   | 58,228   |
| Clarendon                         | 48,716         | 28,011   | 20,705   |
| Colleton                          | 100,443        | 74,188   | 26,255   |
| Darlington                        | 49,720         | 27,113   | 22,607   |
| Dillon                            | <b>52,731</b>  | 29,915   | 22,816   |
| Dorchester                        | 105,792        | 76,309   | 29,483   |
| Edgefield                         | 108,630        | 77,977   | 30,653   |
| Fairfield                         | 122,640        | 97,883   | 24,757   |
| Florence                          | 80,841         | 43,360   | 37,481   |
| Georgetown                        | 164,354        | 134,479  | 29,875   |
| Greenville                        | 81,071         | 58,574   | 22,497   |
| Greenwood                         | 50,563         | 23,044   | 27,519   |
| Hampton                           | 124,499        | 79,634   | 44,865   |
| <b>Horry</b>                      | 113,805        | 80,095   | 33,710   |
| Jasper                            | 74,698         | 54,934   | 19,764   |
| Kershaw                           | 204,324        | 169,742  | 34,582   |
| Lancaster                         | 106,143        | 76,996   | 29,147   |
| <b>Laurens</b>                    | 86,177         | 64,277   | 21,900   |
| Lee                               | 34,176         | 25,320   | 8,856    |
| Lexington                         | 72,412         | 54,261   | 18,151   |
| McCormick                         | <b>50,351</b>  | 28,894   | 21,457   |
| Marion                            | 72,615         | 27,783   | 44,832   |
| Marlboro                          | 69,776         | 49,003   | 20,773   |

Table 15.—*Round pulpwood production in South Carolina, 1992—Continued*

| County*                           | All<br>species   | Softwood         | Hardwood         |
|-----------------------------------|------------------|------------------|------------------|
| ----- <i>Standard cords</i> ----- |                  |                  |                  |
| <b>Newberry</b>                   | 155,276          | 123,003          | 32,273           |
| Gconee                            | 53,073           | 37,606           | 15,467           |
| Grangeburg                        | 146,184          | 81,243           | 64,941           |
| <b>Pickens</b>                    | 41,315           | 27,719           | 13,596           |
| <b>Richland</b>                   | 80,798           | 55,767           | <b>25,031</b>    |
| Saluda                            | 59,467           | 51,975           | 7,492            |
| Spartanburg                       | 120,613          | 88,634           | 31,979           |
| Sumter                            | 52,627           | 25,870           | 26,757           |
| Union                             | 79,262           | 69,748           | 9,514            |
| Williamsburg                      | 164,181          | 123,612          | 40,569           |
| York                              | 73,656           | 66,350           | 7,306            |
| All counties                      | <b>3,878,307</b> | <b>2,764,733</b> | <b>1,113,574</b> |

\*Counties with no pulpwood production are omitted.

Table 16.—*Round pulpwood production in Tennessee, 1992*

| county*                           | All<br>species | Softwood | Hardwood |
|-----------------------------------|----------------|----------|----------|
| ----- <i>Standard cords</i> ----- |                |          |          |
| <b>Anderson</b>                   | 1,351          | 1,150    | 201      |
| Bedford                           | 306            | 0        | 306      |
| <b>Benton</b>                     | 7 %            | 796      | 0        |
| Bledsoe                           | 18,498         | 11,788   | 6,710    |
| Blount                            | <b>17,996</b>  | 16,422   | 1,574    |
| Bradley                           | 34,664         | 24,727   | 9,937    |
| <b>Campbell</b>                   | 6,797          | 214      | 6,583    |
| <b>Carroll</b>                    | 6,083          | 3,836    | 2,247    |
| Carter                            | 2,228          | 0        | 2,228    |
| Chester                           | 2,569          | 1,282    | 1,287    |
| Claiborne                         | 690            | 30       | 660      |
| Clay                              | 7              | 0        | 7        |
| <b>Cocke</b>                      | 27,874         | 11,465   | 16,409   |
| Coffee                            | 11,170         | 7,825    | 3,345    |
| Crockett                          | 3              | 3        | 0        |
| Cumberland                        | 24,592         | 23,263   | 1,329    |
| Decatur                           | 1,033          | 960      | 73       |
| <b>DeKalb</b>                     | 2,121          | 1,672    | 449      |
| <b>Dyer</b>                       | 1,254          | 0        | 1,254    |
| Fayette                           | 200            | 191      | 9        |
| <b>Fentress</b>                   | 8,816          | 8,816    | 0        |
| Franklin                          | 14,175         | 62       | 14,113   |
| Giles                             | 5,539          | 2,962    | 2,577    |
| <b>Grainger</b>                   | 1,226          | 0        | 1,226    |
| <b>Greene</b>                     | 17,672         | 7,269    | 10,403   |
| Grundy                            | 27,858         | 13,410   | 14,448   |
| <b>Hamilton</b>                   | 35,306         | 30,996   | 4,310    |
| <b>Hancock</b>                    | 3,621          | 313      | 3,308    |
| <b>Hardeman</b>                   | 7,536          | 4,007    | 3,529    |
| <b>Hardin</b>                     | 20,623         | 12,383   | 8,240    |
| Hawkins                           | 7,763          | 266      | 7,497    |

Table 16.—Round pulpwood production in Tennessee, 1992—Continued

| County*                    | All<br>species   | Softwood | Hardwood |
|----------------------------|------------------|----------|----------|
| .....-Standard cords-..... |                  |          |          |
| <b>Haywood</b>             | 902              | 799      | 103      |
| Henderson                  | 30,455           | 6,416    | 24,039   |
| <b>Henry</b>               | 2,064            | 246      | 1,818    |
| Hickman                    | 49,275           | 3,230    | 46,045   |
| Humphreys                  | 3,257            | 57       | 3,200    |
| Jefferson                  | 3,571            | 2,562    | 1,009    |
| Johnson                    | 1,513            | 0        | 1,513    |
| Knox                       | 4,462            | 4,462    | 0        |
| Lauderdale                 | 59               | 0        | 59       |
| Lawrence                   | 14,169           | 4,966    | 9,203    |
| Lewis                      | 15,961           | 8,232    | 7,729    |
| <b>Lincoln</b>             | 800              | 297      | 503      |
| <b>Loudon</b>              | 13,490           | 11,078   | 2,412    |
| <b>McMinn</b>              | 53,547           | 45,874   | 7,673    |
| <b>McNairy</b>             | 22,669           | 11,444   | 11,225   |
| Madison                    | 915              | 708      | 207      |
| <b>Marion</b>              | 33,638           | 7,489    | 26,149   |
| <b>Maury</b>               | 1,526            | 28       | 1,498    |
| <b>Meigs</b>               | 39,445           | 29,070   | 10,375   |
| Monroe                     | 51,285           | 43,535   | 7,750    |
| Montgomery                 | 397              | 397      | 0        |
| Moore                      | 73               | 0        | 73       |
| Morgan                     | 13,265           | 9,906    | 3,359    |
| <b>Overton</b>             | 364              | 0        | 364      |
| <b>Perry</b>               | 23,396           | 7,130    | 16,266   |
| <b>Pickett</b>             | 3                | 3        | 0        |
| Polk                       | 29,736           | 24,134   | 5,602    |
| Putnam                     | 6,780            | 3,426    | 3,354    |
| Rhea                       | 49,188           | 45,399   | 3,789    |
| Roane                      | 15,372           | 10,374   | 4,998    |
| <b>Scott</b>               | 816              | 753      | 63       |
| Sequatchie                 | 21,930           | 20,472   | 1,458    |
| Sevier                     | 13,767           | 7,562    | 6,205    |
| Shelby                     | 187              | 157      | 30       |
| Sullivan                   | 6,166            | 0        | 6,166    |
| Sumner                     | 1,625            | 1,625    | 0        |
| <b>Tipton</b>              | 467              | 467      | 0        |
| Unicoi                     | 104              | 0        | 104      |
| Union                      | 299              | 288      | 11       |
| Van Buren                  | 8,690            | 4,595    | 4,095    |
| Warren                     | 314              | %        | 218      |
| Washington                 | 245              | 0        | 245      |
| Wayne                      | 153,329          | 37,984   | 115,345  |
| <b>Weakley</b>             | 889              | 797      | 92       |
| White                      | 25,732           | 20,922   | 4,810    |
| Williamson                 | 1,415            | 1,415    | 0        |
| All counties               | <b>1,027,919</b> | 564,503  | 463,416  |

\*Counties with no pulpwood production are omitted.

Table 17.—Round pulpwood production in Texas, 1992

| county*                      | All<br>species   | Softwood         | Hardwood     |
|------------------------------|------------------|------------------|--------------|
| ..... -Standard cords- ..... |                  |                  |              |
| <b>Anderson</b>              | 10,297           | 7,658            | <b>2,639</b> |
| Angelina                     | 247,609          | 246,325          | 1,284        |
| <b>Bastrop</b>               | 3,118            | 3,118            | 0            |
| <b>Bowie</b>                 | 55,049           | 38,926           | 16,123       |
| <b>Camp</b>                  | 9,450            | 2,947            | 6,503        |
| <b>Cass</b>                  | 213,102          | 138,991          | 74,111       |
| Chambers                     | 874              | 874              | 0            |
| Cherokee                     | 92,359           | 76,084           | 16,275       |
| Colorado                     | 23               | 23               | 0            |
| Delta                        | 55,640           | 39,312           | 16,328       |
| Fisher                       | 660              | 660              | 0            |
| Franklin                     | 2,810            | 362              | 2,448        |
| <b>Gregg</b>                 | 11,181           | 4,798            | 6,383        |
| Grimes                       | 6,387            | 6,387            | 0            |
| <b>Hardin</b>                | 43,556           | 43,556           | 0            |
| <b>Harris</b>                | 17,524           | 17,485           | 39           |
| Harrison                     | 111,989          | 55,110           | 56,879       |
| <b>Henderson</b>             | 7,225            | 5,797            | 1,428        |
| Houston                      | 31,430           | 31,394           | 36           |
| <b>Jasper</b>                | 133,092          | 125,131          | 7,961        |
| Jefferson                    | 3,145            | 3,029            | 116          |
| Lamar                        | 259              | 8                | 251          |
| Leon                         | 226              | 226              | 0            |
| Liberty                      | 42,701           | 41,145           | 1,556        |
| Llano                        | 18,806           | 9,194            | 9,612        |
| Madison                      | 26               | 26               | 0            |
| Marion                       | 100,362          | 64,136           | 36,226       |
| Montgomery                   | 85,701           | 82,431           | 3,270        |
| Morris                       | 29,054           | 15,318           | 13,736       |
| Nacogdoches                  | 56,823           | 51,095           | 5,728        |
| Newton                       | 103,765          | 102,583          | 1,182        |
| Orange                       | 31,591           | 28,994           | 2,597        |
| Panola                       | 113,932          | 76,402           | 37,530       |
| Polk                         | 143,501          | 143,501          | 0            |
| Red River                    | 90,570           | 1,240            | 89,330       |
| Rusk                         | 49,404           | 32,509           | 16,895       |
| Sabine                       | 39,763           | 35,646           | 4,117        |
| San Augustine                | 38,588           | 31,384           | 7,204        |
| San Jacinto                  | 54,361           | 54,297           | 64           |
| Shelby                       | 110,548          | 78,967           | 31,581       |
| Smith                        | 24,564           | 17,653           | 6,911        |
| Titus                        | 10,791           | 4,338            | 6,453        |
| Trinity                      | 103,162          | 103,162          | 0            |
| Tyler                        | 123,418          | 121,312          | 2,106        |
| Upshur                       | 61,798           | <b>37,313</b>    | 24,485       |
| Walker                       | 26,343           | 26,343           | 0            |
| <b>Waller</b>                | 364              | 364              | 0            |
| <b>All counties</b>          | <b>2,516,941</b> | <b>2,007,554</b> | 509,387      |

\*Counties with no pulpwood production are omitted.

Table 18.—Round pulpwood production in Virginia, 1992

| County*                  | All<br>species | Softwood   | Hardwood     |
|--------------------------|----------------|------------|--------------|
| -----Standard cords----- |                |            |              |
| Accomack                 | 11,385         | 8,289      | 3,096        |
| Albemarle                | 26,299         | 13,620     | 12,679       |
| <b>Alleghany</b>         | 26,791         | 3,546      | 23,245       |
| Amelia                   | 73,222         | 21,993     | 51,229       |
| Amherst                  | 25,572         | 9,511      | 16,061       |
| Appomattox               | 83,240         | 46,262     | 36,978       |
| <b>Arlington</b>         | 184            | 172        | <b>12</b>    |
| <b>Augusta</b>           | 9,771          | 2,052      | 7,719        |
|                          |                |            |              |
| <b>Bath</b>              | 13,965         | 1,039      | 12,926       |
| Bedford                  | 55,810         | 13,611     | 42,199       |
| Bland                    | 1,594          | 97         | 1,497        |
| <b>Botetourt</b>         | 30,807         | 7,642      | 23,165       |
| Brunswick                | 162,807        | 133,779    | 29,028       |
| Buchanan                 | 39             | 0          | 39           |
| Buckingham               | 137,651        | 90,556     | 47,095       |
|                          |                |            |              |
| Campbell                 | 91,584         | 60,988     | 30,596       |
| Caroline                 | 14,556         | 10,601     | 3,955        |
| Carroll                  | 9,476          | 82         | 9,394        |
| Charles City             | 28,479         | 17,053     | 11,426       |
| <b>Charlotte</b>         | 57,729         | 23,815     | 33,914       |
| Chesapeake+              | 17,291         | 6,991      | 10,300       |
| Chesterfield             | 28,586         | 23,270     | 5,316        |
| Craig                    | 13,316         | 2,154      | 11,162       |
| <b>Culpeper</b>          | 11,254         | 9,756      | 1,498        |
| Cumberland               | 51,984         | 23,851     | 28,133       |
|                          |                |            |              |
| Dickenson                | 2,094          | 0          | 2,094        |
| Dinwiddie                | 76,963         | 66,021     | 10,942       |
|                          |                |            |              |
| Essex                    | 29,549         | 18,869     | 10,680       |
|                          |                |            |              |
| Fairfax                  | 7,655          | 5,881      | 1,774        |
| Fauquier                 | 5,661          | 4,170      | 1,491        |
| Floyd                    | 319            | <b>141</b> | <b>178</b>   |
| Fluvanna                 | 43,301         | 29,022     | 14,279       |
| Franklin                 | 51,813         | 22,613     | 29,200       |
| Frederick                | 10,849         | 6,959      | 3,890        |
|                          |                |            |              |
| <b>Giles</b>             | 3,094          | 226        | 2,868        |
| Gloucester               | 26,570         | 19,926     | <b>6,644</b> |
| Goochland                | 21,433         | 15,857     | 5,576        |
| <b>Grayson</b>           | 1,207          | 0          | 1,207        |
| Greene                   | <b>127</b>     | 89         | 38           |
| Greensville              | 30,497         | 10,137     | 20,360       |
|                          |                |            |              |
| Halifax                  | 47,365         | 12,770     | 34,595       |
| Hanover                  | <b>26,031</b>  | 16,599     | 9,432        |
| <b>Henrico</b>           | 6,308          | 4,485      | 1,823        |
| <b>Henry</b>             | 1,286          | 4          | 1,282        |
| Highland                 | 5,784          | 446        | 5,338        |
|                          |                |            |              |
| Isle of Wight            | 24,642         | 10,958     | 13,684       |
|                          |                |            |              |
| James City               | <b>7,031</b>   | 2,959      | 4,072        |
|                          |                |            |              |
| King and Queen           | 51,242         | 34,948     | 16,294       |
| King George              | 1,199          | 973        | 226          |
| King William             | 15,986         | 15,127     | 859          |

Table 18.—Round pulpwood production in Virginia, 1992—Continued

| County*                            | All<br>species   | Softwood         | Hardwood  |
|------------------------------------|------------------|------------------|-----------|
| ..... Standard cords .....         |                  |                  |           |
| <b>Lancaster</b>                   | 7,604            | 3,834            | 3,770     |
| Lee                                | 11,880           | 0                | 11,880    |
| Loudoun                            | 1,435            | 1,138            | 297       |
| Louisa                             | 74,848           | 63,470           | 11,378    |
| <b>Lunenburg</b>                   | 42,962           | 21,726           | 21,236    |
| Madison                            | 1,579            | 1,295            | 284       |
| Mathews                            | 963              | 376              | 587       |
| <b>Mecklenburg</b>                 | 45,808           | 22,053           | 23,755    |
| Middlesex                          | 8,295            | 4,198            | 4,097     |
| Montgomery                         | 382              | 0                | 382       |
| Nelson                             | 56,488           | 21,229           | 35,259    |
| New Kent                           | 52,736           | 31,061           | 21,675    |
| Newport <b>News</b> <sup>†</sup>   | 49               | 40               | 9         |
| Northampton                        | 443              | 371              | 72        |
| Northumberland                     | 3,282            | 1,065            | 2,217     |
| Nottoway                           | 31,947           | 20,679           | 11,268    |
| Grange                             | 8,437            | 5,274            | 3,163     |
| Patrick                            | 1,742            | 82               | 1,660     |
| Pittsylvania                       | 67,775           | 33,316           | 34,459    |
| Powhatan                           | 26,213           | 23,951           | 2,262     |
| Prince Edward                      | 44,433           | 29,942           | 14,491    |
| Prince George                      | 47,267           | 33,768           | 13,499    |
| Prince William                     | 4,588            | 2,116            | 2,472     |
| <b>Pulaski</b>                     | 892              | 0                | 892       |
| Richmond                           | 32,859           | 24,259           | 8,600     |
| Roanoke                            | 5,632            | 399              | 5,233     |
| Rockbridge                         | 19,350           | 4,067            | 15,283    |
| Rockingham                         | 10,126           | 3,619            | 6,507     |
| Russell                            | 6,362            | 0                | 6,362     |
| <b>Scott</b>                       | 18,718           | 0                | 18,718    |
| Shenandoah                         | 3,621            | 1,974            | 1,647     |
| <b>Smyth</b>                       | 4,178            | 0                | 4,178     |
| Southampton                        | 80,007           | 39,567           | 40,440    |
| Spotsylvania                       | 27,680           | 22,788           | 4,892     |
| <b>Stafford</b>                    | 8,238            | 5,926            | 2,312     |
| Suffolk+                           | 24,952           | 10,580           | 14,372    |
| <b>Surry</b>                       | 41,012           | 21,745           | 19,267    |
| Sussex                             | 54,180           | 37,657           | 16,523    |
| <b>Tazewell</b>                    | 23               | 0                | 23        |
| Virginia <b>Beach</b> <sup>†</sup> | 2,832            | 802              | 2,030     |
| Warren                             | 905              | 881              | 24        |
| Washington                         | 12,306           | 0                | 12,306    |
| Westmoreland                       | 10,279           | 7,360            | 2,919     |
| Wise                               | 16,250           | 0                | 16,250    |
| <b>Wythe</b>                       | 2,262            | 0                | 2,262     |
| York                               | 1,301            | 812              | 489       |
| All counties                       | <b>2,406,519</b> | <b>1,333,330</b> | 1,073,189 |

\*Counties with no pulpwood production are omitted.

†Independent cities not included in any county.

Table 19.—Southern pulpmills, by process and capacity, 1992

|                 |           |                                           | Pulpwood capacity, 24 hours <sup>†</sup> |         |                                 |               |                  |
|-----------------|-----------|-------------------------------------------|------------------------------------------|---------|---------------------------------|---------------|------------------|
| Location        | Map Code* | Company                                   | All processes                            | Sulfate | Groundwood and other mechanical | Semi-chemical | Soda and sulfite |
| -----Tons-----  |           |                                           |                                          |         |                                 |               |                  |
| Alabama         |           |                                           |                                          |         |                                 |               |                  |
| Claibome        | (1)       | Alabama River Pulp Company                | 1,333                                    | 1,333   | 0                               | 0             | 0                |
| Jackson         | (2)       | Boise Cascade Paper Group                 | 600                                      | 600     | 0                               | 0             | 0                |
| Courtland       | (3)       | Champion International Corporation        | 2,100                                    | 2,100   | 0                               | 0             | 0                |
| Mobile          | (4)       | GAF Corporation                           | 50                                       | 0       | 50                              | 0             | 0                |
| Demopolis       | (5)       | Gulf States Paper Corporation             | 900                                      | 900     | 0                               | 0             | 0                |
| Sehna           | (6)       | International Paper Company               | 1,285                                    | 1,285   | 0                               | 0             | 0                |
| Mobile          | (7)       | International Paper Company               | 1,500                                    | 1,200   | 300                             | 0             | 0                |
| Naheola         | (8)       | James River Corporation                   | 1,250                                    | 1,250   | 0                               | 0             | 0                |
| Brewton         | (9)       | Jefferson Smurfit/CCA                     | 1,300                                    | 1,300   | 0                               | 0             | 0                |
| Coosa Pines     | (10)      | Kimberly-Clark Corporation                | 2,040                                    | 1,100   | 940                             | 0             | 0                |
| Pine Hill       | (11)      | McMillan Bloedel, Incorporated            | 1,680                                    | 1,100   | 0                               | 580           | 0                |
| Mahrt           | (12)      | Mead Coated Board                         | 2,000                                    | 2,000   | 0                               | 0             | 0                |
| Stevenson       | (13)      | Mead Corporation                          | 1,030                                    | 0       | 0                               | 1,030         | 0                |
| Mobile          | (14)      | Scott Paper Company                       | 1,700                                    | 1,700   | 0                               | 0             | 0                |
| Prattville      | (15)      | Union Camp Corporation                    | 2,525                                    | 2,525   | 0                               | 0             | 0                |
| Total           |           |                                           | 21,293                                   | 18,393  | 1,290                           | 1,610         | 0                |
| Arkansas        |           |                                           |                                          |         |                                 |               |                  |
| Pine Bluff      | (16)      | Gaylord Container Corporation             | 380                                      | 380     | 0                               | 0             | 0                |
| Ashdown         | (17)      | Georgia-Pacific Corporation               | 1,550                                    | 1,550   | 0                               | 0             | 0                |
| Crossett        | (18)      | Georgia-Pacific Corporation               | 1,600                                    | 1,600   | 0                               | 0             | 0                |
| Little Rock     | (19)      | Georgia-Pacific Corporation               | 140                                      | 0       | 140                             | 0             | 0                |
| Morrilton       | (20)      | Green Bay Packaging, Incorporated         | 800                                      | 800     | 0                               | 0             | 0                |
| Camden          | (21)      | International Paper Company               | 750                                      | 750     | 0                               | 0             | 0                |
| Pine Bluff      | (22)      | International Paper Company               | 1,700                                    | 1,300   | 400                             | 0             | 0                |
| McGehee         | (23)      | Potlatch Corporation                      | 655                                      | 655     | 0                               | 0             | 0                |
| Total           |           |                                           | 7,575                                    | 7,035   | 540                             | 0             | 0                |
| Florida         |           |                                           |                                          |         |                                 |               |                  |
| Cantonment      | (24)      | Champion International Corporation        | 1,506                                    | 1,506   | 0                               | 0             | 0                |
| Palatka         | (25)      | Georgia-Pacific Corporation               | 1,400                                    | 1,400   | 0                               | 0             | 0                |
| Femandina Beach | (26)      | I.T.T. Rayonier, Incorporated             | 468                                      | 0       | 0                               | 0             | 468              |
| Femandina Beach | (27)      | Jefferson Smurfit Corporation             | 2,200                                    | 2,200   | 0                               | 0             | 0                |
| Jacksonville    | (28)      | Jefferson Smurfit Corporation             | 1,000                                    | 1,000   | 0                               | 0             | 0                |
| Perry           | (29)      | Proctor and Gamble Cellulose              | 1,100                                    | 1,100   | 0                               | 0             | 0                |
| Port St. Joe    | (30)      | St. Joe Forest Products Company           | 1,700                                    | 1,700   | 0                               | 0             | 0                |
| Jacksonville    | (31)      | Stone Container Corp., Seminole Kraft     | 1,470                                    | 1,470   | 0                               | 0             | 0                |
| Panama City     | (32)      | Stone Container Corporation               | 1,615                                    | 1,615   | 0                               | 0             | 0                |
| Total           |           |                                           | 12,459                                   | 11,991  | 0                               | 0             | 468              |
| Georgia         |           |                                           |                                          |         |                                 |               |                  |
| Augusta         | (33)      | Augusta Newsprint Company                 | 1,332                                    | 0       | 1,332                           | 0             | 0                |
| Augusta         | (34)      | Federal Paper Board Company               | 2,250                                    | 2,250   | 0                               | 0             | 0                |
| Brunswick       | (35)      | Georgia-Pacific Corporation               | 2,000                                    | 2,000   | 0                               | 0             | 0                |
| Cedar Springs   | (36)      | Georgia-Pacific Corporation               | 2,825                                    | 2,300   | 0                               | 525           | 0                |
| St. Marys       | (37)      | Oilman Paper Company                      | 1,200                                    | 1,200   | 0                               | 0             | 0                |
| Rome            | (38)      | Inland-Rome, Incorporated                 | 2,200                                    | 2,200   | 0                               | 0             | 0                |
| Riceboro        | (39)      | Interstate Paper Corporation              | 600                                      | 600     | 0                               | 0             | 0                |
| Jesup           | (40)      | I.T.T. Rayonier, Incorporated             | 1,620                                    | 1,620   | 0                               | 0             | 0                |
| Macon           | (41)      | Macon Kraft Company                       | 900                                      | 900     | 0                               | 0             | 0                |
| Clyanville      | (42)      | Packaging Corporation of America          | 1,130                                    | 1,130   | 0                               | 0             | 0                |
| Oglethorpe      | (43)      | Proctor and Gamble Cellulose              | 750                                      | 750     | 0                               | 0             | 0                |
| Port Wentworth  | (44)      | Stone Savannah Pulp and Paper Corporation | 1,590                                    | 1,590   | 0                               | 0             | 0                |
| Savannah        | (45)      | Union Camp Corporation                    | 3,000                                    | 3,000   | 0                               | 0             | 0                |
| Total           |           |                                           | 21,397                                   | 19,540  | 1,332                           | 525           | 0                |

Table 19.—Southern pulp mills, by process and capacity, 1992—Continued

|                  |           |                                           | Pulpwood capacity, 24 hours' |         |                                 |               |                  |
|------------------|-----------|-------------------------------------------|------------------------------|---------|---------------------------------|---------------|------------------|
| Location         | Map Code+ | Comoanv                                   | All processes                | Sulfate | Groundwood and other mechanical | Semi-chemical | Soda and sulfite |
| -----Tons-----   |           |                                           |                              |         |                                 |               |                  |
| Louisiana        |           |                                           |                              |         |                                 |               |                  |
| DeRidder         | (46)      | Boise Cascade Corporation                 | 2,250                        | 1,305   | 945                             | 0             | 0                |
| Bogalusa         | (47)      | Gaylord Container Corporation             | 2,100                        | 2,100   | 0                               | 0             | 0                |
| Port Hudson      | (48)      | Georgia-Pacific Corporation               | 1,850                        | 1,850   | 0                               | 0             | 0                |
| Bastrop          | (49)      | International Paper Company               | 1,100                        | 1,100   | 0                               | 0             | 0                |
| Pineville        | (50)      | International Paper Company               | 985                          | 985     | 0                               | 0             | 0                |
| Mansfield        | (51)      | International Paper Company               | 1,900                        | 1,400   | 0                               | 500           | 0                |
| St. Francisville | (52)      | James River Communication Papers          | 550                          | 550     | 0                               | 0             | 0                |
| St. Francisville | (53)      | James River Communication Papers          | 250                          | 0       | 250                             | 0             | 0                |
| West Monroe      | (54)      | Riverwood International Corporation       | 2,000                        | 1,600   | 0                               | 400           | 0                |
| Hodge            | (55)      | Stone Container Corporation               | 1,750                        | 1,400   | 0                               | 350           | 0                |
| Campiti          | (56)      | Willamette Industries, Incorporated       | 850                          | 850     | 0                               | 0             | 0                |
| Total            |           |                                           | 15,585                       | 13,140  | 1,195                           | 1,250         | 0                |
| Mississippi      |           |                                           |                              |         |                                 |               |                  |
| Monticello       | (57)      | Georgia-Pacific Corporation               | 2,600                        | 2,600   | 0                               | 0             | 0                |
| New Augusta      | (58)      | Georgia-Pacific Corporation               | 1,485                        | 1,485   | 0                               | 0             | 0                |
| Moss Point       | (59)      | International Paper Company               | 700                          | 700     | 0                               | 0             | 0                |
| Natchez          | (60)      | International Paper Company               | 1,100                        | 1,100   | 0                               | 0             | 0                |
| Vicksburg        | (61)      | International Paper Company               | 1,180                        | 1,180   | 0                               | 0             | 0                |
| Grenada          | (62)      | Newsprint South                           | 670                          | 0       | 670                             | 0             | 0                |
| Columbus         | (63)      | Weyerhaeuser Company                      | 1,420                        | 1,200   | 0                               | 220           | 0                |
| T o t a l        |           |                                           | 9,155                        | 8,265   | 670                             | 220           | 0                |
| North Carolina   |           |                                           |                              |         |                                 |               |                  |
| Roaring River    | (64)      | Abitibi-Price Corporation                 | 475                          | 0       | 475                             | 0             | 0                |
| Goldsboro        | (65)      | Celotex Corporation                       | 100                          | 0       | 100                             | 0             | 0                |
| Canton           | (66)      | Champion International Corporation        | 1,450                        | 1,450   | 0                               | 0             | 0                |
| Roanoke Rapids   | (67)      | Champion International Corporation        | 1,300                        | 1,300   | 0                               | 0             | 0                |
| Riegelwood       | (68)      | Federal Paper Board Company, Incorporated | 2,260                        | 2,260   | 0                               | 0             | 0                |
| Conway           | (69)      | Georgia-Pacific Corporation               | 200                          | 0       | 200                             | 0             | 0                |
| New Bern         | (70)      | Weyerhaeuser Company                      | 843                          | 843     | 0                               | 0             | 0                |
| Plymouth         | (71)      | Weyerhaeuser Company                      | 1,770                        | 1,520   | 0                               | 250           | 0                |
| Total            |           |                                           | 8,398                        | 7,373   | 775                             | 250           | 0                |
| Oklahoma         |           |                                           |                              |         |                                 |               |                  |
| Pryor            | (72)      | Georgia-Pacific Corporation               | 250                          | 0       | 250                             | 0             | 0                |
| Valliant         | (73)      | Weyerhaeuser Company                      | 2,150                        | 1,650   | 0                               | 500           | 0                |
| Total            |           |                                           | 2,400                        | 1,650   | 250                             | 500           | 0                |
| South Carolina   |           |                                           |                              |         |                                 |               |                  |
| Catawba          | (74)      | Bowaters Incorporated                     | 2,350                        | 1,150   | 1,000                           | 0             | 0                |
| Catawba          | (75)      | Catawba Newsprint Company                 | 740                          | 0       | 740                             | 0             | 0                |
| Georgetown       | (76)      | International Paper Company               | 1,713                        | 1,613   | 0                               | 100           | 0                |
| Sellers          | (77)      | Masonite Corporation                      | 360                          | 0       | 360                             | 0             | 0                |
| Hartsville       | (78)      | Sonoco Products Company                   | 300                          | 0       | 0                               | 300           | 0                |
| Florence         | (79)      | Stone Container Corporation               | 1,530                        | 1,530   | 0                               | 0             | 0                |
| Eastover         | (80)      | Union Camp Corporation                    | 1,850                        | 1,850   | 0                               | 0             | 0                |
| Charleston       | (81)      | Westvaco Corporation                      | 2,150                        | 2,150   | 0                               | 0             | 0                |
| Bennettsville    | (82)      | Willamette Industries                     | 700                          | 700     | 0                               | 0             | 0                |
| Total            |           |                                           | 11,693                       | 9,193   | 2,100                           | 400           | 0                |

Table 19.—Southern pulpmills, by process and capacity, 1992—Continued

|                  |           |                                           | Pulpwood capacity, 24 hours' |         |                                 |               |                  |
|------------------|-----------|-------------------------------------------|------------------------------|---------|---------------------------------|---------------|------------------|
| Location         | Map Code* | Company                                   | Ail processes                | Sulfate | Groundwood and other mechanical | Semi-chemical | Soda and sulfite |
| ----- Tons ----- |           |                                           |                              |         |                                 |               |                  |
| Tennessee        |           |                                           |                              |         |                                 |               |                  |
| Calhoun          | (83)      | Bowaters Southern Paper Corporation       | 2,650                        | 950     | 1,700                           | 0             | 0                |
| New Johnsonville | (84)      | Inland Container Corporation              | 400                          | 0       | 0                               | 400           | 0                |
| Kingsport        | (85)      | Mead Corporation                          | 350                          | 0       | 0                               | 0             | 350              |
| Counce           | (86)      | Packaging Corporation of America          | 1,700                        | 1,700   | 0                               | 0             | 0                |
| Knoxville        | (87)      | Tamko Asphalt Products, Incorporated      | 125                          | 0       | 125                             | 0             | 0                |
| Total            |           |                                           | 5,225                        | 2,650   | 1,825                           | 400           | 350              |
| Texas            |           |                                           |                              |         |                                 |               |                  |
| Houston          | (88)      | Champion International Corporation        | 1,725                        | 575     | 1,150                           | 0             | 0                |
| Lufkin           | (89)      | Champion International Corporation        | 1,300                        | 500     | 800                             | 0             | 0                |
| Texarkana        | (90)      | International Paper Company               | 1,200                        | 1,200   | 0                               | 0             | 0                |
| Pasadena         | (91)      | Simpson Pasadena Paper Company            | 800                          | 800     | 0                               | 0             | 0                |
| Orange           | (92)      | Temple-Orange Incorporated                | 1,300                        | 1,300   | 0                               | 0             | 0                |
| Diboll           | (93)      | Temple Inland Forest Products Corporation | 1,430                        | 0       | 1,430                           | 0             | 0                |
| Evadale          | (94)      | Temple Inland Forest Products Corporation | 1,675                        | 1,675   | 0                               | 0             | 0                |
| Total            |           |                                           | 9,430                        | 6,050   | 3,380                           | 0             | 0                |
| Virginia         |           |                                           |                              |         |                                 |               |                  |
| Ashland          | (95)      | Bear Island Paper Company                 | 600                          | 0       | 600                             | 0             | 0                |
| West Point       | (96)      | Chesapeake Corporation                    | 1,930                        | 1,930   | 0                               | 0             | 0                |
| Jarratt          | (97)      | Georgia-Pacific Corporation               | 400                          | 0       | 400                             | 0             | 0                |
| Big Island       | (98)      | Georgia-Pacific Corporation               | 680                          | 0       | 0                               | 680           | 0                |
| Hopewell         | (99)      | Stone Container Corporation               | 1,050                        | 1,050   | 0                               | 0             | 0                |
| Franklin         | (100)     | Union Camp Corporation                    | 1,950                        | 1,950   | 0                               | 0             | 0                |
| Riverville       | (101)     | Viiinia Fiber Corporation                 | 550                          | 0       | 0                               | 550           | 0                |
| Covington        | (102)     | Westvaco Corporation                      | 1,300                        | 1,300   | 0                               | 0             | 0                |
| Danville         | (103)     | Wood Fiber Industries                     | 330                          | 0       | 330                             | 0             | 0                |
| Total            |           |                                           | 8,790                        | 6,230   | 1,330                           | 1,230         | 0                |
| Total South      |           |                                           | 133,400                      | 111,510 | 14,687                          | 6,385         | 818              |

\*Corresponds to numbers at locations on figure 6.

†American Papermaker, Vol. 55, No. 12 (December 1992); Lockwood-Post's Directory (1993); and other sources

Table 20.—Other mills using southern pulpwood, by process and capacity, 1992

|                         |                         | Pulpwood capacity, 24 hours* |         |                                 |               |                  |
|-------------------------|-------------------------|------------------------------|---------|---------------------------------|---------------|------------------|
| Location                | Company                 | All processes                | Sulfate | Groundwood and other mechanical | Semi-chemical | Soda and sulfite |
| ----- <i>Tons</i> ----- |                         |                              |         |                                 |               |                  |
| Kentucky                |                         |                              |         |                                 |               |                  |
| Wickliffe               | Westvaco Corporation    | 825                          | 825     | 0                               | 0             | 0                |
| Hawesville              | Wilhunette Industries   | 1,050                        | 775     | 0                               | 275           | 0                |
| Maryland                |                         |                              |         |                                 |               |                  |
| Luke                    | Westvaco Corporation    | 947                          | 947     | 0                               | 0             | 0                |
| Pennsylvania            |                         |                              |         |                                 |               |                  |
| Spring Grove            | P.H. Glatfelter Company | 560                          | 560     | 0                               | 0             | 0                |

\*Lockwood-Post's directory (1993) and other sources.

Miller, Patrick E. 1994. Southern pulpwood production, 1992. Resour. Bull. SO-187. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 31 p.

In 1992, southern pulpwood production increased 4 percent to 67.9 million cords. Roundwood production increased 1 percent to 47.3 million cords, and wood residue production increased 12 percent to 20.7 million cords. One **pulpmill** changed processes, reducing the number to 103. The pulping capacity of the 103 southern pulpmills was 133,400 tons per day. No new pulpmills were under construction in the South in 1992.

Keywords: Pulpmills, residues, roundwood.

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