



FOREST RESOURCE REPORT 2009

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FOREST RESOURCE REPORT 2009

By
Alabama Forestry Commission

This report contains several economic status indicators of the forest industry and forest resources in Alabama for 2009. Included in this report are the following indicators:

- 2009 Timber Harvests Volume
- 2009 Timber Price Trends
- 2008 Timber and other Agricultural Commodities Rankings (*latest statistics available*)
- 2007 Labor, Payroll, and Number of Forestry-related Establishments (*latest statistics available*)
- 2009 Forest Products Investments in New & Expanding Businesses
- 2008 FIA Timberland Acreage Statistics (*latest statistics available*)
- 2008 FIA Timberland Inventory Statistics (*latest statistics available*)

2009 Timber Harvests Volume

- Ø In 2009, 891.9 million board feet of pine sawtimber and 119.9 million board feet of hardwood sawtimber were harvested. **In addition, approximately 6.0 million cords of pine pulpwood were harvested in 2009 while 2.8 million cords of hardwood pulpwood were harvested.**

- Ø **Sawtimber harvests accounted for 21% of the total harvests in 2009 while pulpwood accounted for 78% of the total volume harvested. (See chart on page 4)**

- Ø Compared to 2008, pine sawtimber harvests were down by 39.7% and hardwood sawtimber harvests were down by 37.3%.

- Ø Compared to 2008, pine pulpwood harvests were down by approximately 1% and hardwood pulpwood harvests were down by 18.1%.

- Ø Harvest volumes for all products decreased by 32.3% over the previous five year period's average volume. Of all products, hardwood sawtimber harvests decreased the most by percentage (58.8%), followed by pine sawtimber harvests (47.7%). **The amount of pulpwood harvested also decreased for both the pine and hardwood categories. Hardwood harvests decreased by 17.5% and pine harvests decreased by 5.3%. (See charts on page 5)**

Table 1. Production of Forest Products by Product and County for Calendar Year 2009.

| COUNTY | PINE SAWTIMBER <i>(mbf Scribner)</i> | HARDWOOD a/ SAWTIMBER <i>(mbf Doyle)</i> | PINE PULPWOOD <i>(cords)</i> | HARDWOOD PULPWOOD <i>(cords)</i> | POLES AND PILES <i>(mbf Doyle)</i> |
|-----------|--|--|------------------------------------|--|--|
| Autauga | 11,451 | 937 | 81,822 | 33,156 | 85 |
| Baldwin | 17,904 | 98 | 159,160 | 8,079 | 5,503 |
| Barbour | 1,430 | 1,720 | 204,994 | 56,406 | 297 |
| Bibb | 13,969 | 1,316 | 131,683 | 117,074 | 6,475 |
| Blount | 2,370 | 693 | 25,737 | 23,547 | 49 |
| Bullock | 9,840 | 642 | 112,730 | 29,427 | 96 |
| Butler | 18,468 | 30 | 158,350 | 35,267 | 256 |
| Calhoun | 8,290 | 58 | 31,166 | 23,009 | 0 |
| Chambers | 18,097 | 261 | 69,551 | 16,595 | 6 |
| Cherokee | 5,591 | 924 | 31,162 | 27,754 | 0 |
| Chilton | 16,057 | 578 | 73,007 | 48,003 | 0 |
| Choctaw | 53,901 | 4,862 | 170,352 | 108,486 | 1,961 |
| Clarke | 71,919 | 14,125 | 256,871 | 139,427 | 8,282 |
| Clay | 8,897 | 4,028 | 76,854 | 40,651 | 0 |
| Cleburne | 8,544 | 95 | 47,933 | 16,440 | 0 |
| Coffee | 7,349 | 35 | 157,224 | 22,916 | 12 |
| Colbert | 436 | 1,817 | 22,170 | 28,863 | 0 |
| Conecuh | 19,081 | 127 | 202,253 | 52,782 | 659 |
| Coosa | 5,637 | 403 | 140,899 | 33,136 | 0 |
| Covington | 14,513 | 30 | 178,024 | 18,133 | 831 |
| Crenshaw | 15,702 | 4,032 | 151,191 | 51,189 | 35 |
| Cullman | 2,026 | 352 | 47,699 | 23,727 | 0 |
| Dale | 1,278 | 88 | 70,416 | 20,839 | 13 |
| Dallas | 12,768 | 3,593 | 126,758 | 67,755 | 20 |

| | | | | | |
|------------|---------|--------|---------|---------|-------|
| | 743 | 4,451 | 10,994 | 20,225 | 0 |
| Elmore | 4,324 | 483 | 49,033 | 25,815 | 0 |
| Escambia | 14,052 | 0 | 139,755 | 25,674 | 2,831 |
| Etowah | 2,890 | 699 | 25,249 | 30,636 | 0 |
| Fayette | 16,576 | 1,063 | 58,057 | 26,739 | 534 |
| Franklin | 1,621 | 1,376 | 69,008 | 26,168 | 0 |
| Geneva | 3,576 | 27 | 59,413 | 12,900 | 143 |
| Greene | 5,321 | 1,748 | 68,229 | 39,584 | 133 |
| Hale | 134,980 | 1,734 | 96,217 | 61,138 | 85 |
| Henry | 405 | 456 | 85,424 | 21,233 | 80 |
| Houston | 0 | 193 | 15,049 | 7,713 | 13 |
| Jackson | 1,604 | 5,683 | 15,109 | 66,744 | 0 |
| Jefferson | 5,200 | 936 | 59,593 | 40,257 | 0 |
| Lamar | 28,390 | 1,338 | 48,161 | 29,036 | 775 |
| Lauderdale | 91 | 907 | 11,014 | 19,132 | 0 |
| Lawrence | 401 | 143 | 11,514 | 10,899 | 0 |
| Lee | 9,545 | 726 | 77,898 | 21,991 | 0 |
| Limestone | 54 | 96 | 3,689 | 7,257 | 0 |
| Lowndes | 6,241 | 560 | 92,988 | 17,246 | 382 |
| Macon | 7,862 | 469 | 88,944 | 18,546 | 0 |
| Madison | 1,049 | 343 | 7,961 | 10,548 | 0 |
| Marengo | 17,673 | 13,298 | 126,830 | 91,094 | 388 |
| Marion | 17,511 | 3,204 | 106,528 | 47,838 | 51 |
| Marshall | 1,957 | 386 | 17,350 | 12,518 | 0 |
| Mobile | 11,041 | 213 | 90,279 | 48,514 | 2,274 |
| Monroe | 34,437 | 3,946 | 177,106 | 70,412 | 981 |
| Montgomery | 2,478 | 311 | 186,091 | 67,418 | 0 |
| Morgan | 824 | 485 | 9,298 | 13,074 | 0 |
| Perry | 35,459 | 2,185 | 108,963 | 49,495 | 105 |
| Pickens | 21,807 | 6,087 | 39,754 | 141,323 | 237 |
| Pike | 4,544 | 1,475 | 124,703 | 28,292 | 41 |
| Randolph | 13,116 | 367 | 37,891 | 33,786 | 14 |
| Russell | 6,371 | 443 | 89,864 | 19,216 | 0 |
| Shelby | 8,117 | 1,721 | 143,035 | 46,692 | 0 |
| St Clair | 10,859 | 1,064 | 67,017 | 28,106 | 0 |
| Sumter | 10,152 | 4,811 | 165,071 | 123,939 | 1,139 |
| Talladega | 6,076 | 227 | 77,328 | 21,784 | 0 |
| Tallapoosa | 19,114 | 1,161 | 95,894 | 52,932 | 0 |
| Tuscaloosa | 14,347 | 3,971 | 114,210 | 139,415 | 0 |
| Walker | 8,117 | 659 | 81,608 | 24,964 | 3 |
| Washington | 23,120 | 916 | 151,646 | 69,270 | 1,400 |
| Wilcox | 29,566 | 2,756 | 123,829 | 58,937 | 458 |
| Winston | 4,778 | 6,010 | 73,525 | 30,257 | 0 |

| | | | | | |
|-------------------------------------|----------------|----------------|------------------|------------------|---------------|
| SUBTOTAL BY PRODUCT: | 891,907 | 119,968 | 6,029,125 | 2,801,418 | 36,647 |
| Cubic Foot Conversion (mmcf) | 162.16 | 33.32 | 512.48 | 224.11 | 10.18 |

TOTAL HARVEST: 942.26 Million Cubic Feet

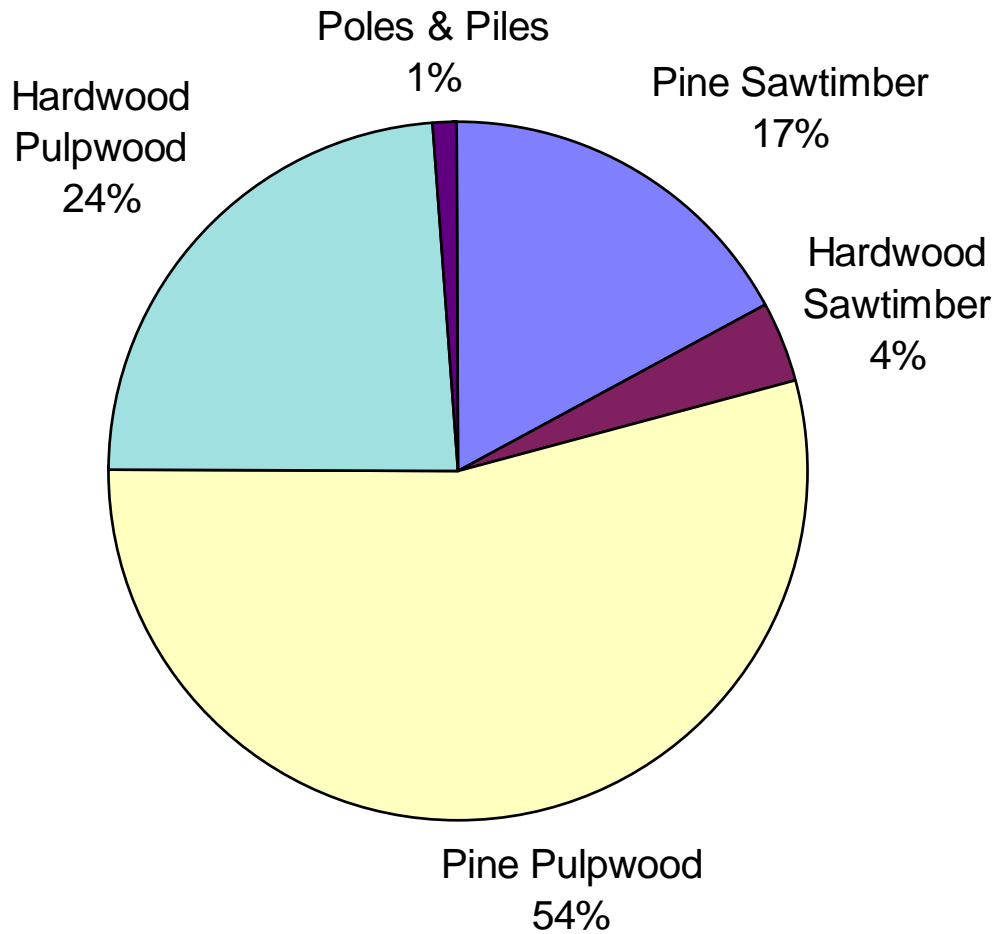
a/ Includes--Sawtimber, Cross and Switch and Mine Ties, Mine Props.

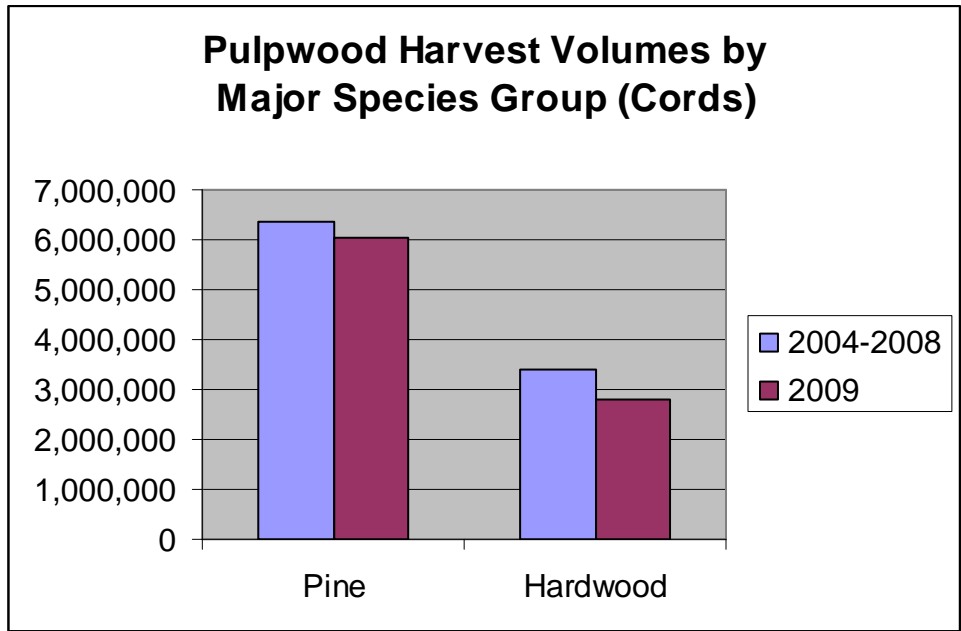
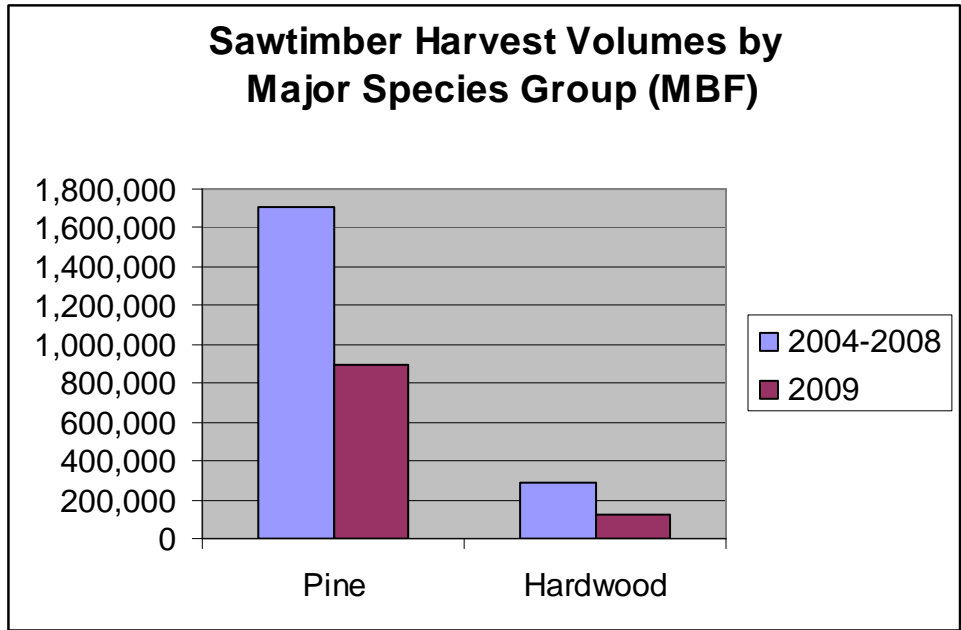
MBF= Thousand Board Feet

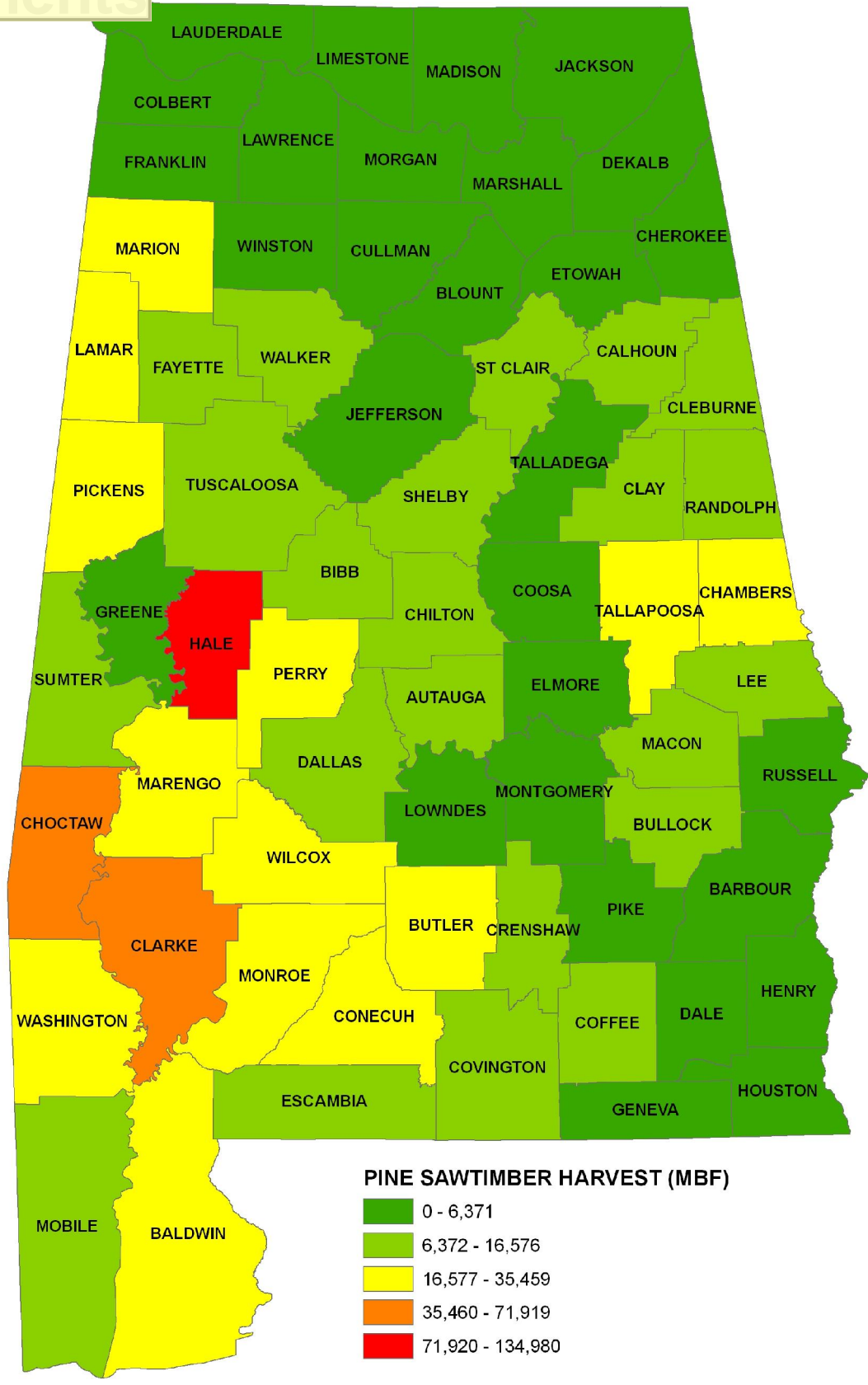
SOURCE: Department of Revenue and Finance Department, Severance Tax Receipts

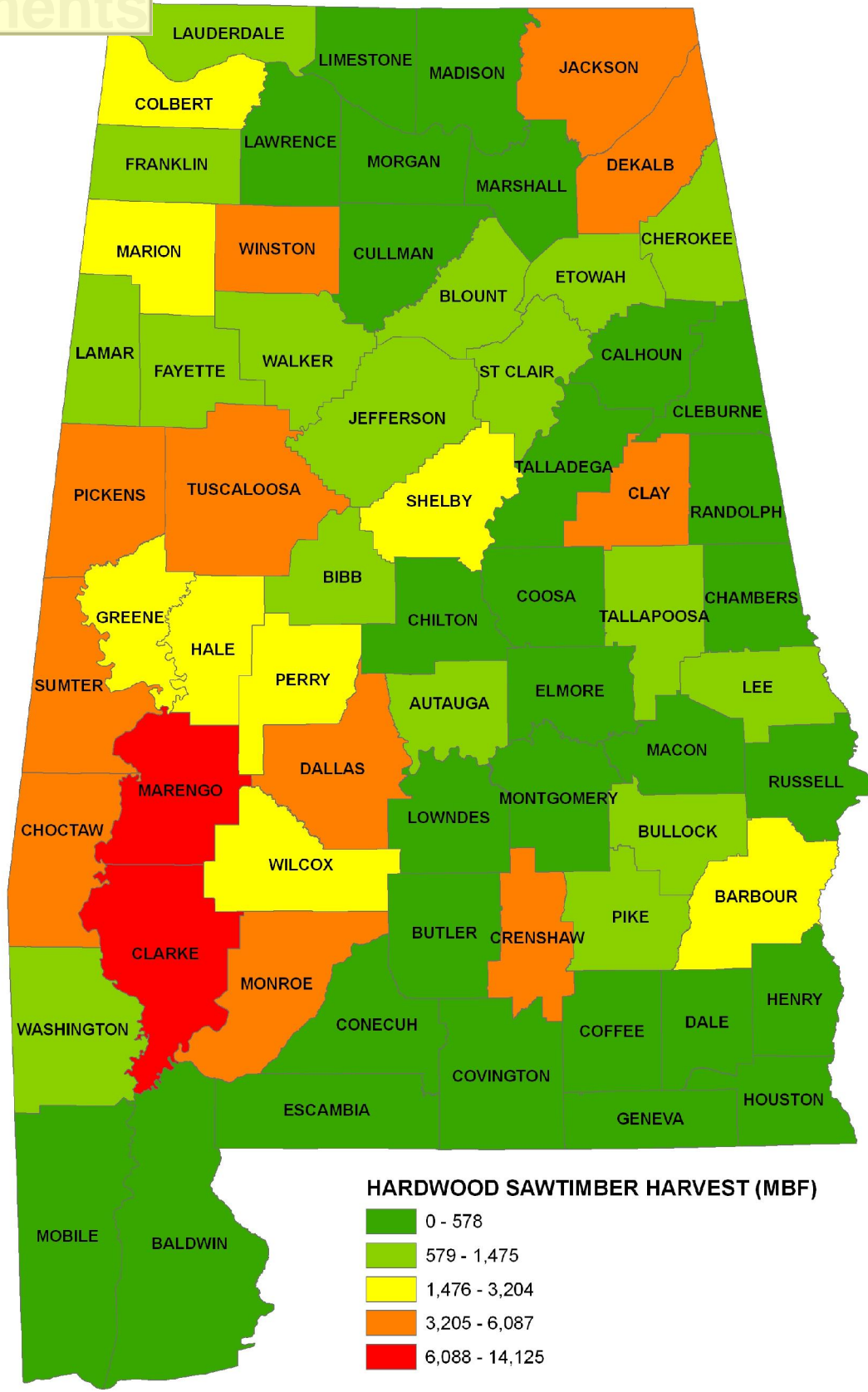
NOTE: Numbers in rows and columns may not sum due to rounding.

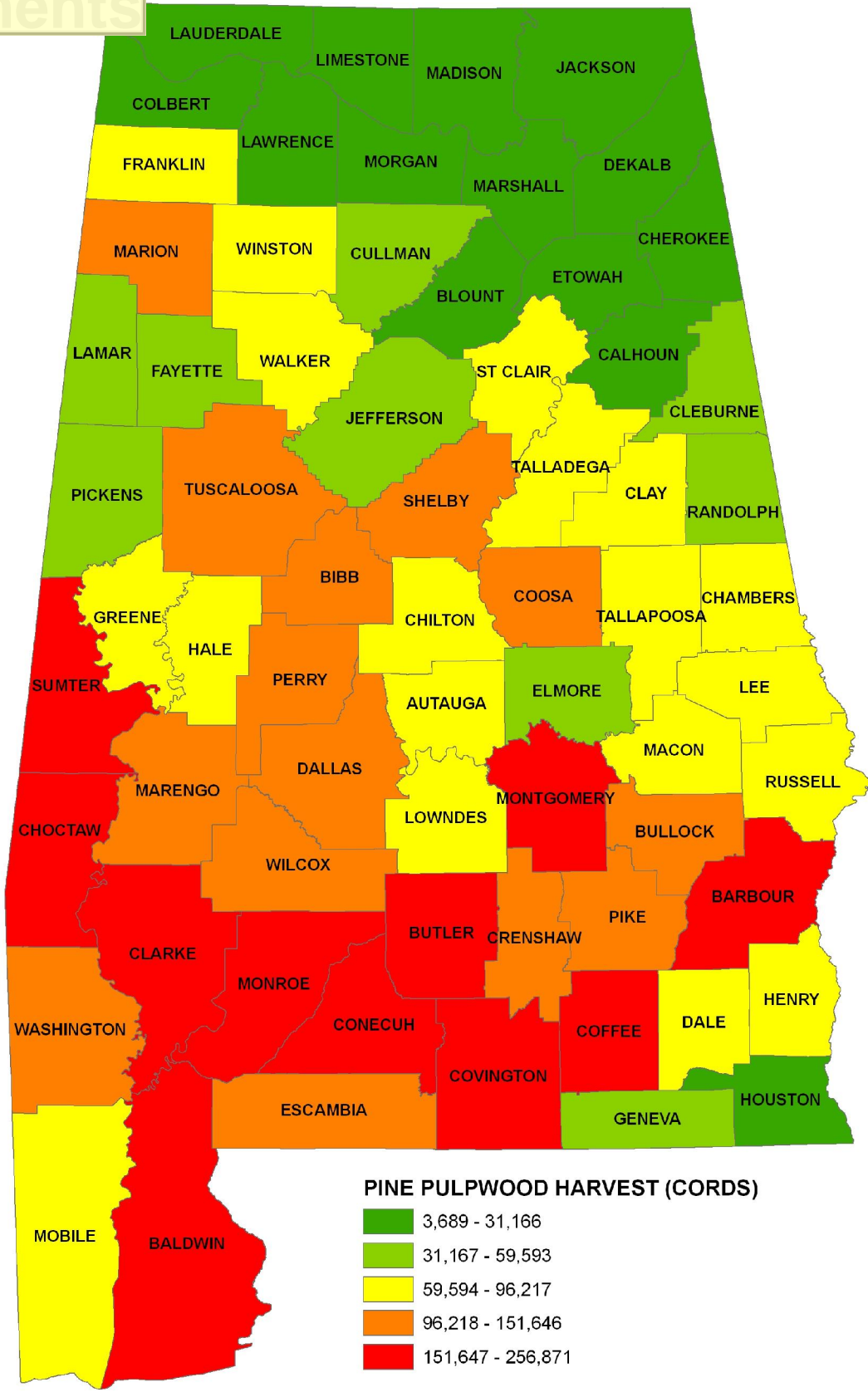
Percentage of Forest Products Harvested by Product Class

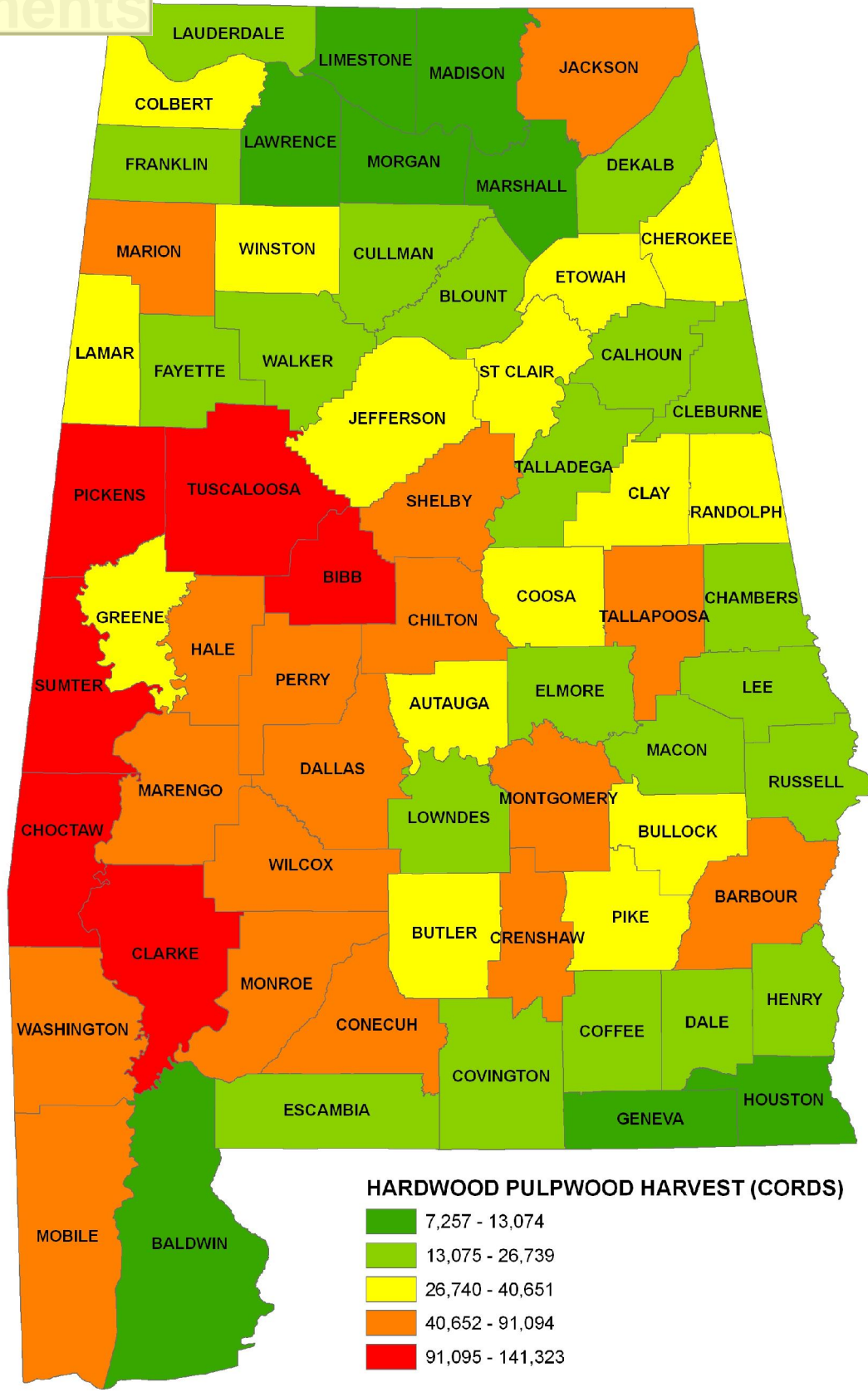












2009 Timber Price Trends

Ø Alabama’s average stumpage prices for 2009 when compared with 2008 decreased in both the pine and hardwood sawtimber product categories, but increased for both the pine and hardwood pulpwood categories according to *Timber Mart-South* (see table).

| PRODUCT | 2009 Stumpage Prices | | 2008 Stumpage Prices | |
|--------------------|----------------------|------------------|----------------------|------------------|
| | Price (Region 1) | Price (Region 2) | Price (Region 1) | Price (Region 2) |
| Pine Sawtimber | \$199/MBF | \$214/MBF | \$239/MBF | \$271/MBF |
| Hardwood Sawtimber | \$196/MBF | \$193/MBF | \$205/MBF | \$229/MBF |
| Pine Pulpwood | \$22.84/cord | \$25.06/cord | \$19.99/cord | \$25.40/cord |
| Hardwood Pulpwood | \$29.55/cord | \$27.94/cord | \$26.21/cord | \$23.90/cord |

Ø The total estimated stumpage revenue generated from the sale of all forest products in 2009 was approximately \$455.6 million, a decrease of 32.9% compared to 2008. **The decrease can be attributed to both lower stumpage prices and a decrease in the amount of timber harvested. Poor economic conditions, which include lower manufacturing activity, are primarily to blame for the lower demand for timber.**

Ø The total estimated stumpage revenue generated from the sale of sawtimber decreased by 51.2% from 2008. Both pine and hardwood sawtimber revenue generated showed decreases; pine sawtimber revenue decreased by 51.9% while hardwood sawtimber revenue decreased by 44.7%.

Ø The total estimated stumpage revenue generated from the sale of pulpwood decreased by less than 1% from 2008. Hardwood pulpwood revenue when compared to 2008 decreased by 4.7%; however, pine pulpwood revenue increased by 2.3% from 2008 due to higher stumpage prices.

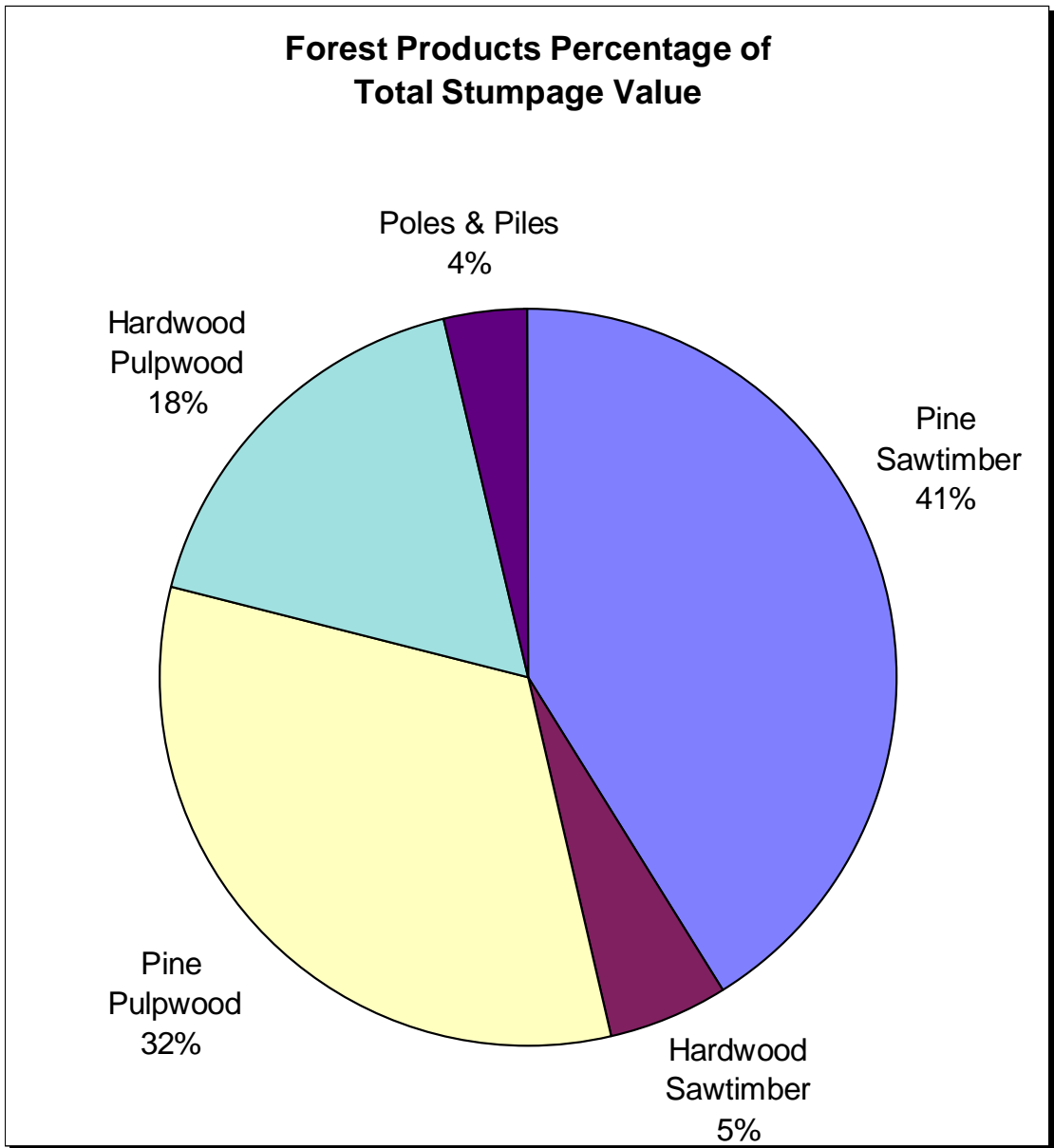
Table 4. Stumpage Revenue from Sale of Forest Products by Product and County for Calendar Year 2009.

| COUNTY | PINE SAWTIMBER | HARDWOOD a/ SAWTIMBER | PINE PULPWOOD | HARDWOOD PULPWOOD | POLES AND PILES | TOTAL |
|---------------------------|----------------|--------------------------|---------------|-------------------|-----------------|----------|
| <i>(thousand dollars)</i> | | | | | | |
| Autauga | \$2,450 | \$181 | \$2,046 | \$928 | \$38 | \$5,643 |
| Baldwin | \$3,831 | \$19 | \$3,979 | \$226 | \$2,460 | \$10,515 |
| Barbour | \$306 | \$332 | \$5,125 | \$1,579 | \$133 | \$7,475 |
| Bibb | \$2,989 | \$254 | \$3,292 | \$3,278 | \$2,894 | \$12,708 |
| Blount | \$472 | \$136 | \$592 | \$706 | \$22 | \$1,927 |
| Bullock | \$2,106 | \$124 | \$2,818 | \$824 | \$43 | \$5,915 |
| Butler | \$3,952 | \$6 | \$3,959 | \$987 | \$114 | \$9,019 |
| Calhoun | \$1,650 | \$11 | \$717 | \$690 | \$0 | \$3,068 |
| Chambers | \$3,873 | \$50 | \$1,739 | \$465 | \$3 | \$6,129 |
| Cherokee | \$1,113 | \$181 | \$717 | \$833 | \$0 | \$2,843 |
| Chilton | \$3,436 | \$112 | \$1,825 | \$1,344 | \$0 | \$6,717 |
| Choctaw | \$11,535 | \$938 | \$4,259 | \$3,038 | \$877 | \$20,646 |
| Clarke | \$15,391 | \$2,726 | \$6,422 | \$3,904 | \$3,702 | \$32,144 |
| Clay | \$1,904 | \$777 | \$1,921 | \$1,138 | \$0 | \$5,741 |
| Cleburne | \$1,700 | \$19 | \$1,102 | \$493 | \$0 | \$3,315 |
| Coffee | \$1,573 | \$7 | \$3,931 | \$642 | \$5 | \$6,157 |
| Colbert | \$87 | \$356 | \$510 | \$866 | \$0 | \$1,819 |
| Conecuh | \$4,083 | \$24 | \$5,056 | \$1,478 | \$295 | \$10,937 |
| Coosa | \$1,206 | \$78 | \$3,522 | \$928 | \$0 | \$5,734 |
| Covington | \$2,888 | \$6 | \$4,095 | \$544 | \$365 | \$7,897 |
| Crenshaw | \$3,360 | \$778 | \$3,780 | \$1,433 | \$16 | \$9,367 |

| | | | | | | |
|--------------|------------------|-----------------|------------------|-----------------|-----------------|------------------|
| | | \$69 | \$1,097 | \$712 | \$0 | \$2,281 |
| | | \$17 | \$1,760 | \$583 | \$6 | \$2,640 |
| Dallas | \$2,732 | \$693 | \$3,169 | \$1,897 | \$9 | \$8,501 |
| De Kalb | \$148 | \$872 | \$253 | \$607 | \$0 | \$1,880 |
| Elmore | \$925 | \$93 | \$1,226 | \$723 | \$0 | \$2,967 |
| Escambia | \$3,007 | \$0 | \$3,494 | \$719 | \$1,265 | \$8,485 |
| Etowah | \$575 | \$137 | \$581 | \$919 | \$0 | \$2,212 |
| Fayette | \$3,299 | \$208 | \$1,335 | \$802 | \$234 | \$5,879 |
| Franklin | \$322 | \$270 | \$1,587 | \$785 | \$0 | \$2,964 |
| Geneva | \$765 | \$5 | \$1,485 | \$361 | \$64 | \$2,681 |
| Greene | \$1,139 | \$337 | \$1,706 | \$1,108 | \$59 | \$4,350 |
| Hale | \$28,886 | \$335 | \$2,405 | \$1,712 | \$38 | \$33,376 |
| Henry | \$87 | \$88 | \$2,136 | \$595 | \$36 | \$2,940 |
| Houston | \$0 | \$37 | \$376 | \$216 | \$6 | \$635 |
| Jackson | \$319 | \$1,114 | \$348 | \$2,002 | \$0 | \$3,783 |
| Jefferson | \$1,035 | \$183 | \$1,371 | \$1,208 | \$0 | \$3,797 |
| Lamar | \$5,650 | \$262 | \$1,108 | \$871 | \$340 | \$8,231 |
| Lauderdale | \$18 | \$178 | \$253 | \$574 | \$0 | \$1,023 |
| Lawrence | \$80 | \$28 | \$265 | \$327 | \$0 | \$700 |
| Lee | \$2,043 | \$140 | \$1,947 | \$616 | \$0 | \$4,746 |
| Limestone | \$11 | \$19 | \$85 | \$218 | \$0 | \$332 |
| Lowndes | \$1,336 | \$108 | \$2,325 | \$483 | \$171 | \$4,422 |
| Macon | \$1,682 | \$90 | \$2,224 | \$519 | \$0 | \$4,516 |
| Madison | \$209 | \$67 | \$183 | \$316 | \$0 | \$775 |
| Marengo | \$3,782 | \$2,567 | \$3,171 | \$2,551 | \$173 | \$12,243 |
| Marion | \$3,485 | \$628 | \$2,450 | \$1,435 | \$22 | \$8,020 |
| Marshall | \$390 | \$76 | \$399 | \$376 | \$0 | \$1,240 |
| Mobile | \$2,363 | \$41 | \$2,257 | \$1,358 | \$1,016 | \$7,036 |
| Monroe | \$7,370 | \$762 | \$4,428 | \$1,972 | \$439 | \$14,969 |
| Montgomery | \$530 | \$60 | \$4,652 | \$1,888 | \$0 | \$7,130 |
| Morgan | \$164 | \$95 | \$214 | \$392 | \$0 | \$865 |
| Perry | \$7,588 | \$422 | \$2,724 | \$1,386 | \$47 | \$12,167 |
| Pickens | \$4,340 | \$1,193 | \$914 | \$4,240 | \$104 | \$10,791 |
| Pike | \$972 | \$285 | \$3,118 | \$792 | \$18 | \$5,185 |
| Randolph | \$2,807 | \$71 | \$947 | \$946 | \$6 | \$4,777 |
| Russell | \$1,363 | \$85 | \$2,247 | \$538 | \$0 | \$4,233 |
| Shelby | \$1,615 | \$337 | \$3,290 | \$1,401 | \$0 | \$6,643 |
| St Clair | \$2,161 | \$209 | \$1,541 | \$843 | \$0 | \$4,754 |
| Sumter | \$2,172 | \$929 | \$4,127 | \$3,470 | \$509 | \$11,207 |
| Talladega | \$1,300 | \$44 | \$1,933 | \$610 | \$0 | \$3,887 |
| Tallapoosa | \$3,804 | \$228 | \$2,206 | \$1,588 | \$0 | \$7,825 |
| Tuscaloosa | \$2,855 | \$778 | \$2,627 | \$4,182 | \$0 | \$10,443 |
| Walker | \$1,615 | \$129 | \$1,877 | \$749 | \$1 | \$4,372 |
| Washington | \$4,948 | \$177 | \$3,791 | \$1,940 | \$626 | \$11,481 |
| Wilcox | \$6,327 | \$532 | \$3,096 | \$1,650 | \$205 | \$11,810 |
| Winston | \$951 | \$1,178 | \$1,691 | \$908 | \$0 | \$4,728 |
| Total | \$187,751 | \$23,291 | \$147,823 | \$80,412 | \$16,361 | \$455,639 |

a/ Includes--Sawtimber, Cross and Switch and Mine ties, Mine props.; MBF = Thousand Board Feet

SOURCE: Volumes from Severance Tax Receipts. Stumpage Price Rates from Timber Mart South.



2008 Timber and other Agricultural Commodities Rankings

Ø Timber ranks second in production of all agricultural commodities and accounts for 14.8% of all commodities, with broilers leading the state in agriculture cash receipts. Timber has consistently ranked second in cash receipts for agricultural commodities.

Table 5. Cash Receipts of Top Agricultural Commodities for Alabama.

| Commodity | 2005 | 2006 | 2007 | 2008 | 2008 | 2008 |
|------------------------------------|---------------------|---------------------|--------------------|--------------------|---------------|----------|
| | | | | | % of Total | Ranking |
| <i>thousand dollars</i> | | | | | | |
| Broilers | \$2,409,600 | \$2,047,800 | \$2,418,700 | \$2,630,700 | 57.4% | 1 |
| Forest Products* | \$ 830,800 | \$ 970,000 | \$791,000 | \$679,500 | 14.8% | 2 |
| Cattle and Calves | \$ 462,900 | \$407,100 | \$407,500 | \$331,700 | 7.2% | 3 |
| Eggs | \$ 281,600 | \$293,700 | \$313,000 | \$298,600 | 6.5% | 4 |
| Greenhouse, Sod, & Nursery | \$ 251,100 | \$249,600 | \$265,600 | \$256,000 | 5.6% | 5 |
| Cotton | \$ 257,600 | \$146,300 | \$151,800 | \$154,500 | 3.4% | 6 |
| Peanuts | \$101,200 | \$68,500 | \$76,500 | \$128,000 | 2.8% | 7 |
| Corn | \$ 36,400 | \$28,800 | \$56,500 | \$102,400 | 2.2% | 8 |
| Total Value All Commodities | \$ 4,631,200 | \$ 4,211,800 | \$4,480,600 | \$4,581,400 | 100.0% | |

Reference:

http://www.nass.usda.gov/Statistics_by_State/Alabama/Publications/Annual_Statistical_Bulletin/2009/2009AlabamaAgricultureStatistics.pdf

2007 Labor, Payroll, and Number of Forestry-related Establishments

Ø In 2007, (*latest statistics available*) forestry manufacturing amounted to approximately 19.5% of the total manufactures in Alabama, and directly employed 46,258 people (not counting private consultants and government employees) with a payroll of over \$1.8 billion at 963 establishments. An additional 5,096 people are employed in the forestry and logging sector.

Table 6. Forestry-related Manufacturing Economic Indicators for Alabama (2007)

| NAICS | | Industry | | 2007 | | |
|---|---|--|----------------|---------------------|---------------------|--------------------------|
| | | | | Establishments | Number of Employees | Annual Payroll (\$1,000) |
| 113 | Forestry & Logging | 709 | 5,096 | \$157,091 | n/a | n/a |
| 321 | Lumber & Wood Products | 458 | 19,960 | \$629,570 | \$1,426,792 | \$4,064,144 |
| 321113 | Sawmills | 112 | 4,467 | \$147,456 | \$281,250 | \$996,561 |
| 321114 | Wood preservation | 27 | 811 | \$32,036 | \$98,820 | \$452,545 |
| 3212 | Veneer, plywood & engineered wood product mfg | 65 | 3,665 | \$130,405 | \$292,804 | \$800,479 |
| 3219 | Other wood product mfg | 254 | 11,017 | \$319,673 | \$753,918 | \$1,814,559 |
| 322 | Pulp & Paper Products | 79 | 12,731 | \$804,200 | \$4,243,536 | \$8,282,479 |
| 3221 | Pulp, paper & paperboard mills | 21 | 9,229 | \$662,559 | \$3,858,183 | \$7,156,365 |
| 3222 | Converted paper product mfg | 58 | 3,502 | \$141,641 | \$385,353 | \$1,126,114 |
| 337 | Furniture & Related Products | 426 | 13,567 | \$407,586 | \$1,289,013 | \$2,165,355 |
| Forestry Manufacturing Total* | | 963 | 46,258 | \$1,841,356 | \$6,959,341 | \$14,511,978 |
| <i>Forestry % of Total State Manufacturing*</i> | | <i>19.5%</i> | <i>17.0%</i> | <i>16.2%</i> | <i>16.1%</i> | <i>12.9%</i> |
| State Manufacturing Total* | | 4,928 | 271,986 | \$11,351,619 | \$43,137,817 | \$112,858,843 |
| Source: | | <i>U.S. Census Bureau, 2007 Economic Census of Manufacturers (Does not include the Logging Sector). Forestry & Logging is based on Census Bureau's County Business Patterns, 2007. (Latest Statistics Available)</i> | | | | |

* Does not include Forestry & Logging.

2009 Forest Products Investments in New & Expanding Businesses

- Ø During 2009, there were 22 announcements of new and expanding businesses; 2 less than in 2008.
- Ø A total of 558 jobs were created which is 338 less than were created from new and expanding businesses in 2008.
- Ø The money invested in the 22 new and expanding industries amounted to \$99.7 million which is \$9.2 million more than that invested in 2008 by the forest industry.

ALABAMA'S WOOD-RELATED NEW AND EXPANDING INDUSTRY ANNOUNCEMENTS - 2009

Source: Alabama Development Office

| NEW/EXP | COMPANY | CITY | COUNTY | JOBS | INVESTMENT | NAICS | PRODUCT |
|----------------|--|-------------|---------------|-------------|-------------------|--------------|---|
| Exp | International Paper | Prattville | Autauga | 0 | \$40,000,000.00 | 322130 | Kraft Linerboard |
| Exp | M C Dixon Lumber Company Inc | Eufaula | Barbour | 63 | \$3,700,000.00 | 321113 | Yellow Pine Lumber |
| Exp | Pomeroy Lumber Products Inc | Eufaula | Barbour | 0 | \$21,000.00 | 321918 | Hardwood Flooring Sawmill & Plywood Manufacturing |
| New | Coastal Forest Products Inc | Georgiana | Butler | 265 | \$10,000,000.00 | 321211 | Manufacturing |
| Exp | Lassiter J W Lumber Company | Silas | Choctaw | 3 | \$250,000.00 | 321912 | Rough Dressed Lumber |
| Exp | Smith Brothers Timber Company Inc | Millry | Choctaw | 10 | \$300,000.00 | 113310 | Logging |
| New | Scotch / Gulf Lumber LLC | Fulton | Clarke | 100 | \$280,000.00 | 321113 | Sawmill, Pine Lumber |
| Exp | SCA Tissue North America LLC Barton Operations | Cherokee | Colbert | 0 | \$8,361,000.00 | 322121 | Sanitary Tissue Paper Products |
| Exp | I-Core Composites LLC | Cullman | Cullman | 0 | \$25,000.00 | 321912 | Balsa Wood Core Material Coated Paper/Paper Converting |
| Exp | Loparex, Inc | Cullman | Cullman | 0 | \$95,000.00 | 322222 | Converting |
| Exp | Rusken Packaging Inc | Cullman | Cullman | 0 | \$1,000,000.00 | 322211 | Corrugated Boxes |
| New | Lee Energy Solutions LLC | Crossville | DeKalb | 15 | \$5,500,000.00 | 321999 | Wood Pellet Production Corrugated & Solid Fiber Boxes |
| Exp | Georgia-Pacific Corporation | Brewton | Escambia | 0 | \$2,875,000.00 | 322211 | Boxes |
| Exp | Mills Shavings & Mulch Inc | Hodges | Franklin | 3 | \$0.00 | 321113 | Shavings & Mulch |
| Exp | Summerford Pallet Company Inc | Ashford | Houston | 50 | \$1,000,000.00 | 321920 | Wooden Pallets & Skids |
| Exp | Rock-Tenn Mill Company | Demopolis | Marengo | 0 | \$10,805,000.00 | 322130 | Bleached Paperboard |
| Exp | Rock-Tenn Mill Company | Demopolis | Marengo | 0 | \$8,119,380.00 | 322130 | Bleached Paperboard Lumber, Millwork, Cabinets, Doors & Trusses |
| Exp | Mobile Lumber & Millwork | Mobile | Mobile | 11 | \$75,000.00 | 321911 | Cabinets, Doors & Trusses |
| Exp | Rocky Creek Lumber Company | Mexia | Monroe | 20 | \$5,000,000.00 | 321113 | Lumber |
| Exp | International Crating & Assembly | Montgomery | Montgomery | 2 | \$300,000.00 | 321920 | Wood Specialty Items |
| Exp | Austell Forest Products | Gordo | Pickens | 10 | \$0.00 | 321911 | Architectural Millwork |
| Exp | Prystup Packaging Products Inc | Livingston | Sumter | 6 | \$2,000,000.00 | 322212 | Folding Cartons |

2008 *FIA Timberland Acreage Statistics

- Ø Alabama timberland covers 22.7 million acres, the third largest commercial forestland in the nation.
- Ø Approximately 94% of Alabama’s timberland is privately owned; 14% is owned by forest industries (**companies that own a wood processing plant**) and 80% by **non-industrial private owners**. Only 6% of timberland is publicly owned.
- Ø Alabama forests are comprised of 44% hardwood stands, 41% pine stands, and 15% mixed pine/hardwood stands.
- Ø Sawtimber-sized stands comprise 44% of Alabama’s timberland, while 27% of forest stands are comprised of mostly pulpwood-sized timber. Seedling/sapling-sized stands account for the remaining 29% of timberland acreage.

TIMBERLAND ACRES BY FOREST TYPE

| County | Total | Softwoods | Oak-Pine | Hardwoods |
|--------------|---------|-----------|----------|-----------|
| Acres | | | | |
| Autauga | 302,634 | 157,994 | 33,798 | 110,842 |
| Baldwin | 710,587 | 379,214 | 127,691 | 203,682 |
| Barbour | 426,523 | 196,266 | 69,368 | 160,889 |
| Bibb | 314,430 | 126,887 | 65,804 | 121,739 |
| Blount | 203,888 | 78,463 | 40,982 | 84,443 |
| Bullock | 321,541 | 163,420 | 40,225 | 117,896 |
| Butler | 398,269 | 214,301 | 41,099 | 142,869 |
| Calhoun | 205,498 | 69,393 | 44,095 | 92,010 |
| Chambers | 306,925 | 170,321 | 30,642 | 105,962 |
| Cherokee | 251,420 | 99,002 | 35,392 | 117,026 |
| Chilton | 318,331 | 106,820 | 70,299 | 141,212 |
| Choctaw | 525,557 | 287,134 | 55,583 | 182,840 |
| Clarke | 757,623 | 365,249 | 139,309 | 253,065 |
| Clay | 318,536 | 102,126 | 49,923 | 166,487 |
| Cleburne | 265,558 | 80,656 | 71,757 | 113,145 |
| Coffee | 230,655 | 81,813 | 32,177 | 116,665 |
| Colbert | 218,129 | 45,650 | 5,565 | 166,914 |
| Conecuh | 455,365 | 228,791 | 79,788 | 146,786 |
| Coosa | 389,868 | 180,907 | 53,704 | 155,257 |
| Covington | 477,823 | 305,170 | 63,639 | 109,014 |
| Crenshaw | 311,412 | 128,319 | 42,655 | 140,438 |
| Cullman | 233,054 | 60,884 | 25,350 | 146,820 |
| Dale | 238,154 | 68,161 | 48,537 | 121,456 |
| Dallas | 419,916 | 159,226 | 27,378 | 233,312 |
| DeKalb | 182,090 | 47,423 | 22,961 | 111,706 |
| Elmore | 228,373 | 70,481 | 57,108 | 100,784 |
| Escambia | 466,098 | 303,277 | 73,696 | 89,125 |
| Etowah | 193,623 | 41,767 | 26,873 | 124,983 |
| Fayette | 328,011 | 145,526 | 23,684 | 158,801 |
| Franklin | 301,553 | 83,115 | 51,833 | 166,605 |
| Geneva | 180,927 | 75,967 | 36,008 | 68,952 |

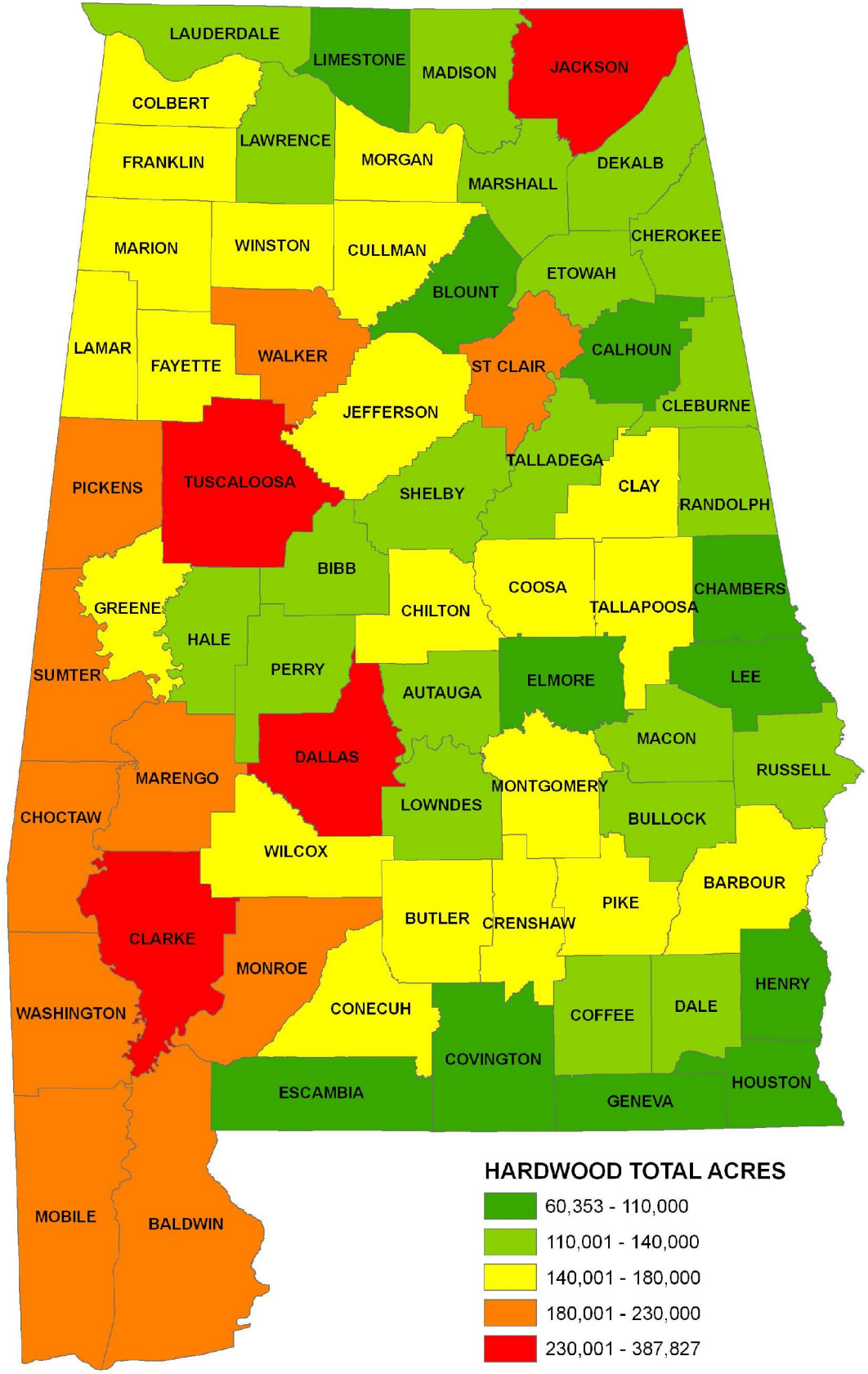
| | | | | |
|--------------|-------------------|------------------|------------------|------------------|
| Greene | 296,838 | 94,785 | 39,023 | 163,030 |
| Hale | 283,149 | 100,287 | 56,069 | 126,793 |
| Henry | 232,265 | 90,624 | 38,629 | 103,012 |
| Houston | 180,374 | 68,124 | 51,897 | 60,353 |
| Jackson | 434,156 | 27,033 | 19,296 | 387,827 |
| Jefferson | 424,308 | 179,580 | 103,250 | 141,478 |
| Lamar | 331,235 | 115,743 | 37,475 | 178,017 |
| Lauderdale | 166,878 | 28,312 | 6,739 | 131,827 |
| Lawrence | 197,092 | 38,852 | 33,749 | 124,491 |
| Lee | 268,305 | 132,925 | 53,300 | 82,080 |
| Limestone | 104,222 | 7,174 | 5,881 | 91,167 |
| Lowndes | 303,140 | 135,158 | 34,879 | 133,103 |
| Macon | 311,483 | 134,982 | 45,085 | 131,416 |
| Madison | 161,541 | 15,744 | 21,369 | 124,428 |
| Marengo | 453,094 | 200,562 | 63,867 | 188,665 |
| Marion | 361,633 | 172,872 | 41,848 | 146,913 |
| Marshall | 145,704 | 21,134 | 14,028 | 110542 |
| Mobile | 508,408 | 267,013 | 61,152 | 180,243 |
| Monroe | 589,987 | 315,586 | 78,475 | 195,926 |
| Montgomery | 234,000 | 38,801 | 42,763 | 152,436 |
| Morgan | 200,277 | 26,209 | 22,751 | 151,317 |
| Perry | 339,264 | 193,737 | 29,508 | 116,019 |
| Pickens | 456,939 | 187,342 | 54,299 | 215,298 |
| Pike | 303,901 | 118,588 | 44,191 | 141,122 |
| Randolph | 281,497 | 106,808 | 40,807 | 133,882 |
| Russell | 299,700 | 132,347 | 39,654 | 127,699 |
| St. Clair | 316,684 | 76,599 | 57,615 | 182,470 |
| Shelby | 321,274 | 102,040 | 90,626 | 128,608 |
| Sumter | 441,382 | 178,324 | 66,681 | 196,377 |
| Talladega | 298,285 | 134,623 | 49,972 | 113,690 |
| Tallapoosa | 410,189 | 193,007 | 76,189 | 140,993 |
| Tuscaloosa | 686,146 | 290,256 | 98,096 | 297,794 |
| Walker | 388,649 | 141,038 | 55,898 | 191,713 |
| Washington | 639,891 | 328,213 | 94,671 | 217,007 |
| Wilcox | 513,784 | 299,910 | 60,823 | 153,051 |
| Winston | 332,103 | 97,754 | 61,328 | 173,021 |
| Total | 22,700,148 | 9,415,809 | 3,378,806 | 9,905,533 |

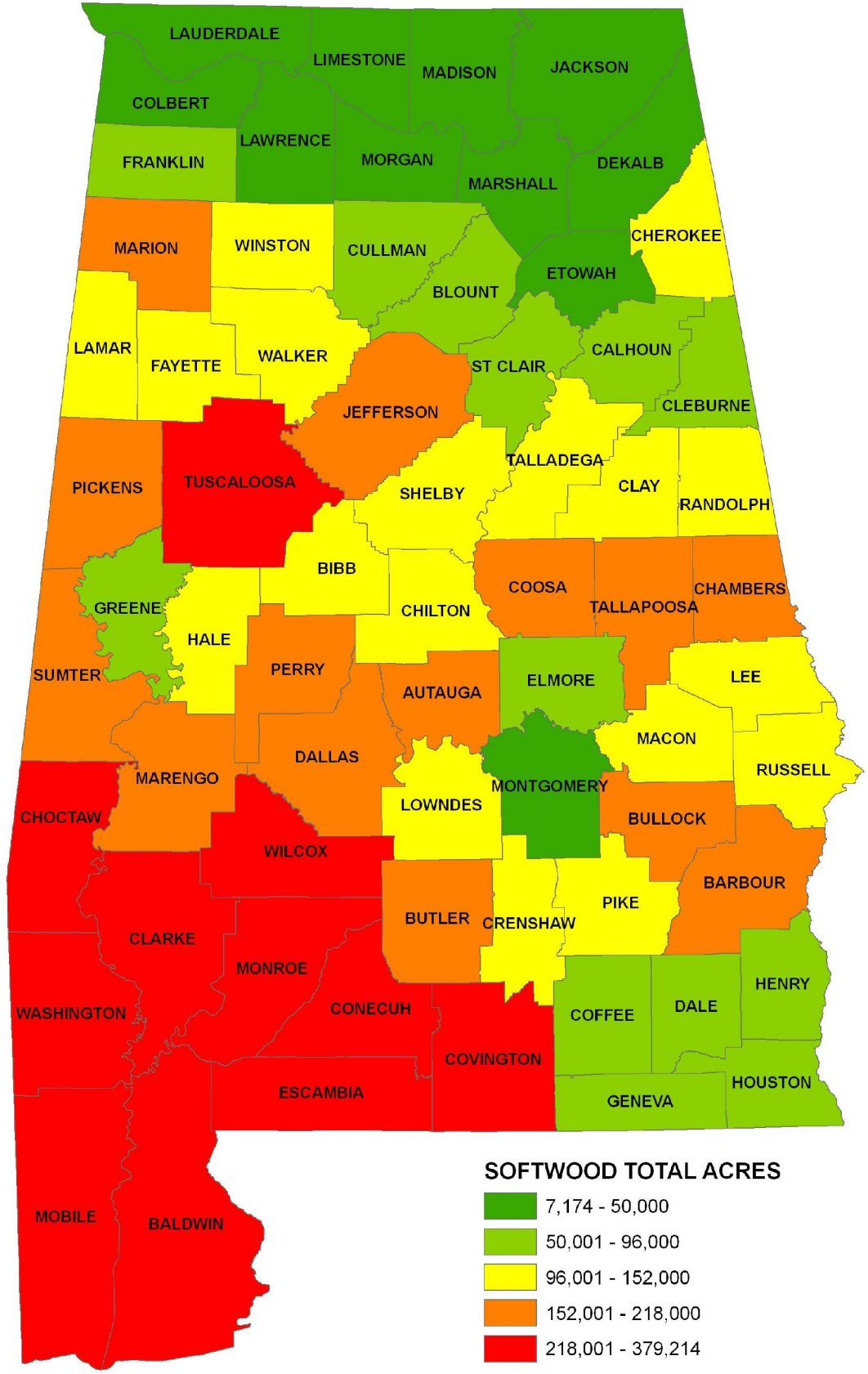
NOTES: A very small portion (1%) of timberland acres is classified as “non-stocked” by Forest Inventory & Analysis (FIA) guidelines. The “non-stocked” acres have been included in the “oak-pine” category.

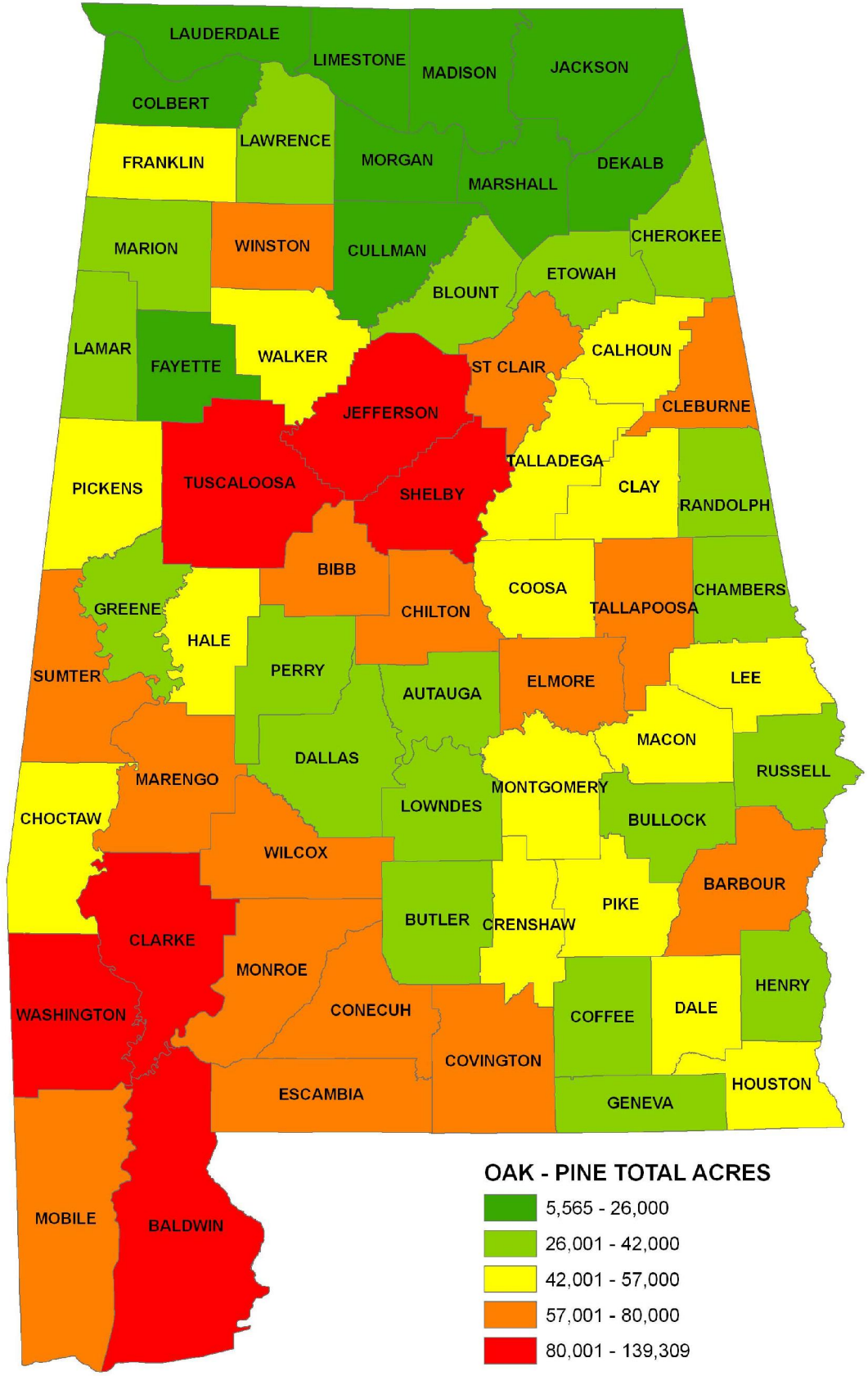
A tract of timberland is classified as “non-stocked” if at the time the FIA plot was inventoried there was <10% stocking of trees. This situation occurs on sites that have recently been clearcut.

Numbers in rows and columns may not sum due to rounding.

***Note:** FIA data is statistically valid at the State and Regional level. Individual county statistics are provided so any combination of counties can be added together until the totals are large enough to meet the desired degree of reliability (usually a 15+ county area).







TIMBERLAND ACRES BY STAND SIZE

| County | Total | Sawtimber | Pulpwood | Seedling/Sapling |
|--------------|---------|-----------|----------|------------------|
| Acres | | | | |
| Autauga | 302,634 | 92,806 | 101,563 | 108,265 |
| Baldwin | 710,587 | 265,139 | 233,325 | 212,123 |
| Barbour | 426,523 | 189,336 | 91,137 | 146,050 |
| Bibb | 314,430 | 156,616 | 50,855 | 106,959 |
| Blount | 203,888 | 122,706 | 29,982 | 51,200 |
| Bullock | 321,541 | 138,399 | 83,356 | 99,786 |
| Butler | 398,269 | 138,533 | 135,754 | 123,982 |
| Calhoun | 205,498 | 98,520 | 50,031 | 56,947 |
| Chambers | 306,925 | 138,688 | 72,293 | 95,944 |
| Cherokee | 251,420 | 128,113 | 69,417 | 53,890 |
| Chilton | 318,331 | 116,140 | 143,287 | 58,904 |
| Choctaw | 525,557 | 237,314 | 128,478 | 159,765 |
| Clarke | 757,623 | 357,046 | 166,222 | 234,355 |
| Clay | 318,536 | 128,361 | 141,660 | 48,515 |
| Cleburne | 265,558 | 147,896 | 66,610 | 51,052 |
| Coffee | 230,655 | 65,143 | 92,205 | 73,307 |
| Colbert | 218,129 | 82,683 | 64,194 | 71,252 |
| Conecuh | 455,365 | 180,827 | 93,584 | 180,954 |
| Coosa | 389,868 | 140,583 | 104,965 | 144,320 |
| Covington | 477,823 | 196,200 | 176,146 | 105,477 |
| Crenshaw | 311,412 | 177,602 | 63,392 | 70,418 |
| Cullman | 233,054 | 90,873 | 77,478 | 64,703 |
| Dale | 238,154 | 129,137 | 43,144 | 65,873 |
| Dallas | 419,916 | 183,952 | 150,281 | 85,683 |
| DeKalb | 182,090 | 97,466 | 43,979 | 40,645 |
| Elmore | 228,373 | 85,591 | 100,598 | 42,184 |
| Escambia | 466,098 | 162,380 | 85,235 | 218,483 |
| Etowah | 193,623 | 109,092 | 35,820 | 48,711 |
| Fayette | 328,011 | 104,173 | 118,698 | 105,140 |
| Franklin | 301,553 | 104,841 | 97,057 | 99,655 |
| Geneva | 180,927 | 90,513 | 36,513 | 53,901 |
| Greene | 296,838 | 143,107 | 59,572 | 94,159 |
| Hale | 283,149 | 132,095 | 89,297 | 61,757 |
| Henry | 232,265 | 76,508 | 37,782 | 117,975 |
| Houston | 180,374 | 64,990 | 50,068 | 65,316 |
| Jackson | 434,156 | 288,900 | 104,080 | 41,176 |
| Jefferson | 424,308 | 210,993 | 107,773 | 105,542 |
| Lamar | 331,235 | 114,737 | 100,139 | 116,359 |
| Lauderdale | 166,878 | 82,425 | 50,185 | 34,268 |
| Lawrence | 197,092 | 102,184 | 47,198 | 47,710 |
| Lee | 268,305 | 110,529 | 96,001 | 61,775 |
| Limestone | 104,222 | 65,658 | 15,851 | 22,713 |
| Lowndes | 303,140 | 100,092 | 115,362 | 87,686 |
| Macon | 311,483 | 193,945 | 50,748 | 66,790 |
| Madison | 161,541 | 125,566 | 23,968 | 12,007 |
| Marengo | 453,094 | 192,612 | 99,328 | 161,154 |
| Marion | 361,633 | 84,664 | 156,309 | 120,660 |
| Marshall | 145,704 | 93,592 | 17,175 | 34,937 |
| Mobile | 508,408 | 234,142 | 110,787 | 163,479 |
| Monroe | 589,987 | 240,836 | 122,476 | 226,675 |
| Montgomery | 234,000 | 134,233 | 48,426 | 51,341 |

| | | | | |
|--------------|-------------------|------------------|------------------|------------------|
| Morgan | 200,277 | 127,703 | 26,326 | 46,248 |
| Perry | 339,264 | 138,268 | 99,076 | 101,920 |
| Pickens | 456,939 | 169,774 | 110,155 | 177,010 |
| Pike | 303,901 | 96,476 | 114,941 | 92,484 |
| Randolph | 281,497 | 105,357 | 89,453 | 86,687 |
| Russell | 299,700 | 114,964 | 90,360 | 94,376 |
| St. Clair | 316,684 | 170,355 | 54,447 | 91,882 |
| Shelby | 321,274 | 137,550 | 84,935 | 98,789 |
| Sumter | 441,382 | 186,745 | 147,402 | 107,235 |
| Talladega | 298,285 | 119,884 | 88,850 | 89,551 |
| Tallapoosa | 410,189 | 164,761 | 125,704 | 119,724 |
| Tuscaloosa | 686,146 | 322,293 | 186,713 | 177,140 |
| Walker | 388,649 | 159,936 | 103,933 | 124,780 |
| Washington | 639,891 | 287,403 | 197,946 | 154,542 |
| Wilcox | 513,784 | 248,339 | 136,182 | 129,263 |
| Winston | 332,103 | 164,677 | 60,894 | 106,532 |
| Total | 22,700,148 | 9,962,962 | 6,167,101 | 6,570,085 |

NOTES: “Sawtimber” refers to stands in which the majority of the dominant and co-dominant trees are 9.0” DBH and greater for softwood forest types and 11.0” DBH and greater for hardwood forest types. **See the exception listed below in the “Seedling/Sapling” definition**

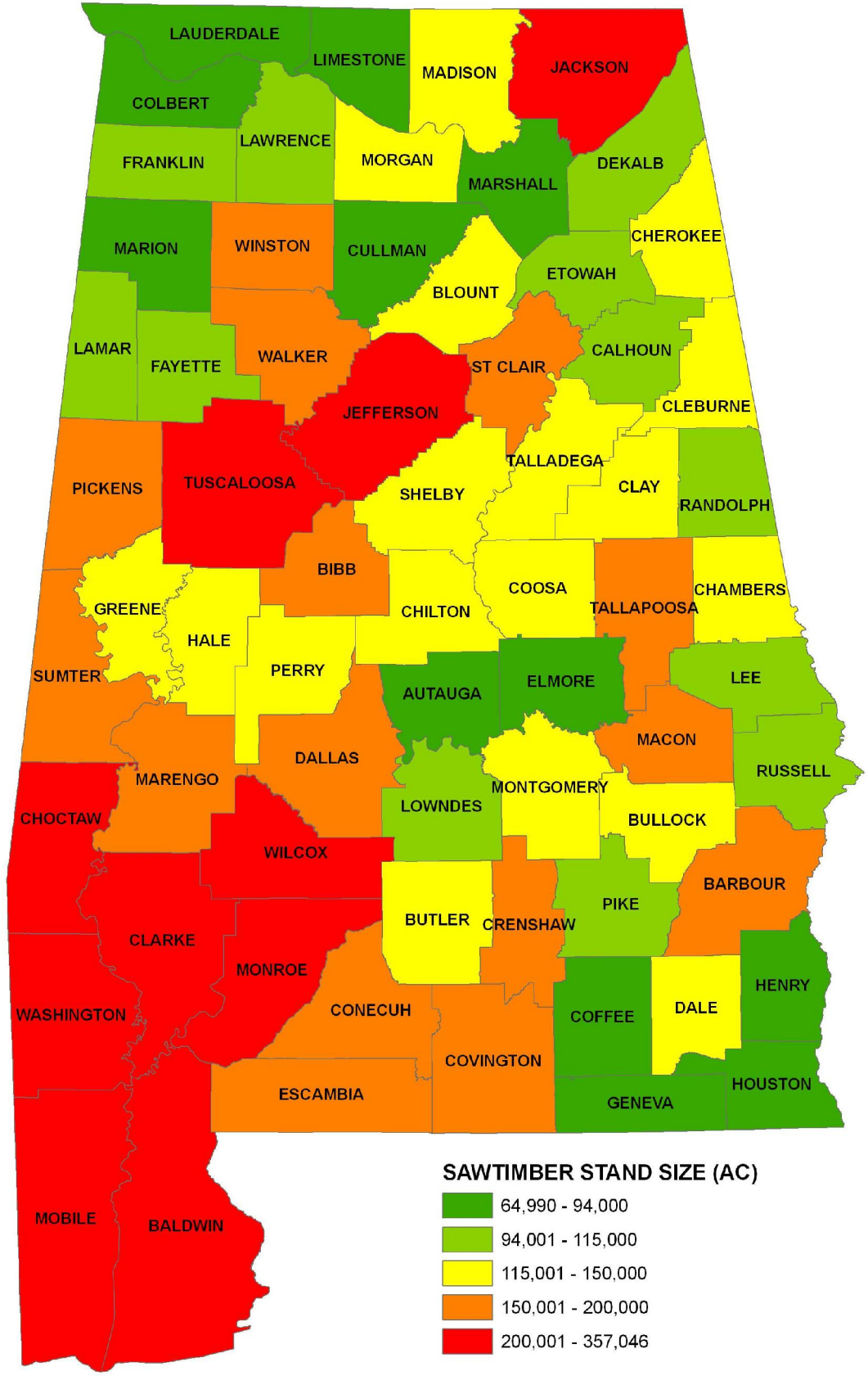
“Pulpwood” refers to stands in which the majority of the dominant and co-dominant trees are between 5.0” and 8.9” DBH for softwood forest types and between 5.0” and 10.9” DBH for hardwood forest types. **See the exception listed below in the “Seedling/Sapling” definition**

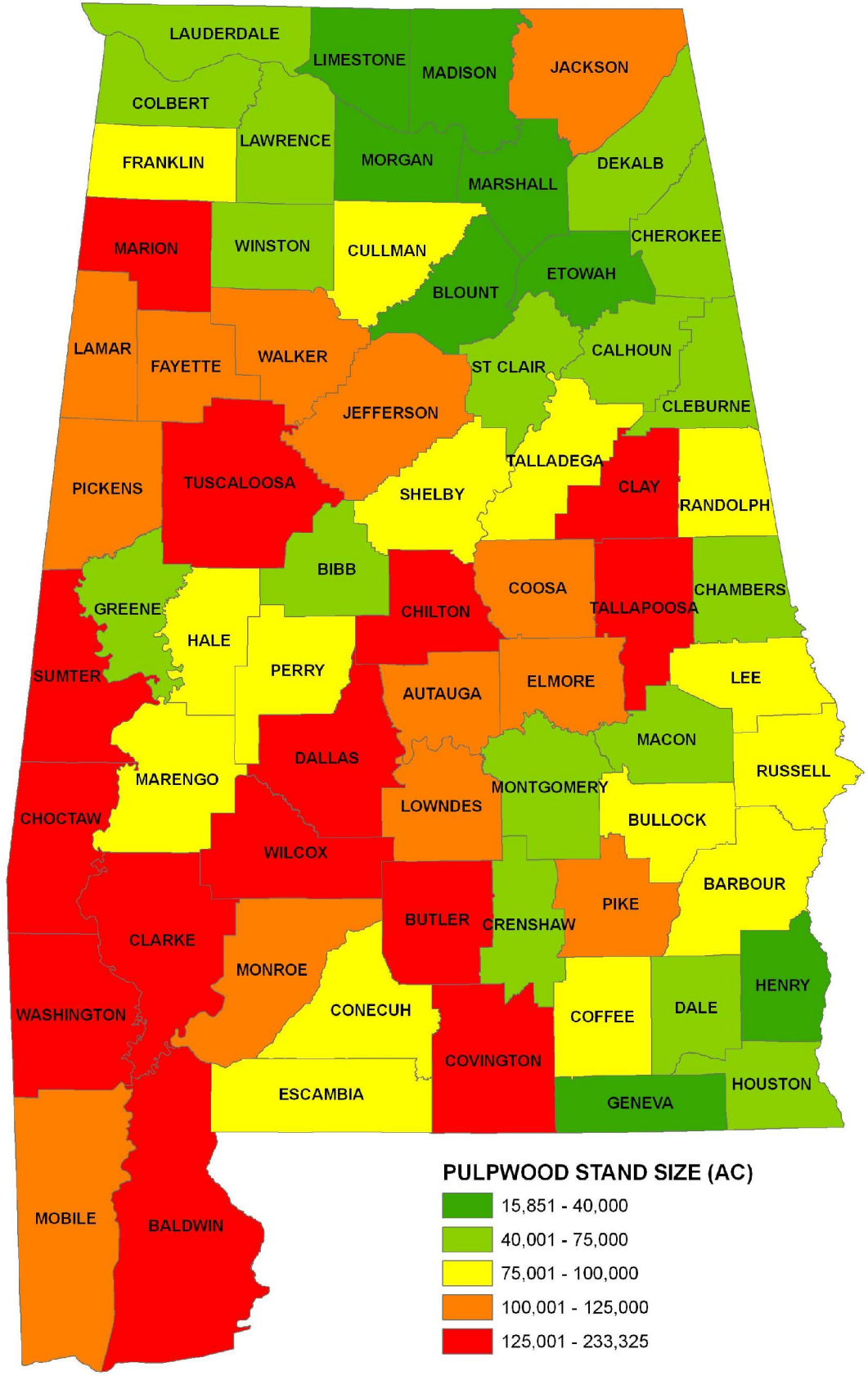
“Seedling/Sapling” refers to stands in which 2/3 of the crown cover consists of trees less than 5.0” DBH. **It is possible to have a stand in which the majority of the dominant and co-dominant trees are less than 5.0” DBH, yet the stand is classified as pulpwood or sawtimber due to the amount of crown cover.

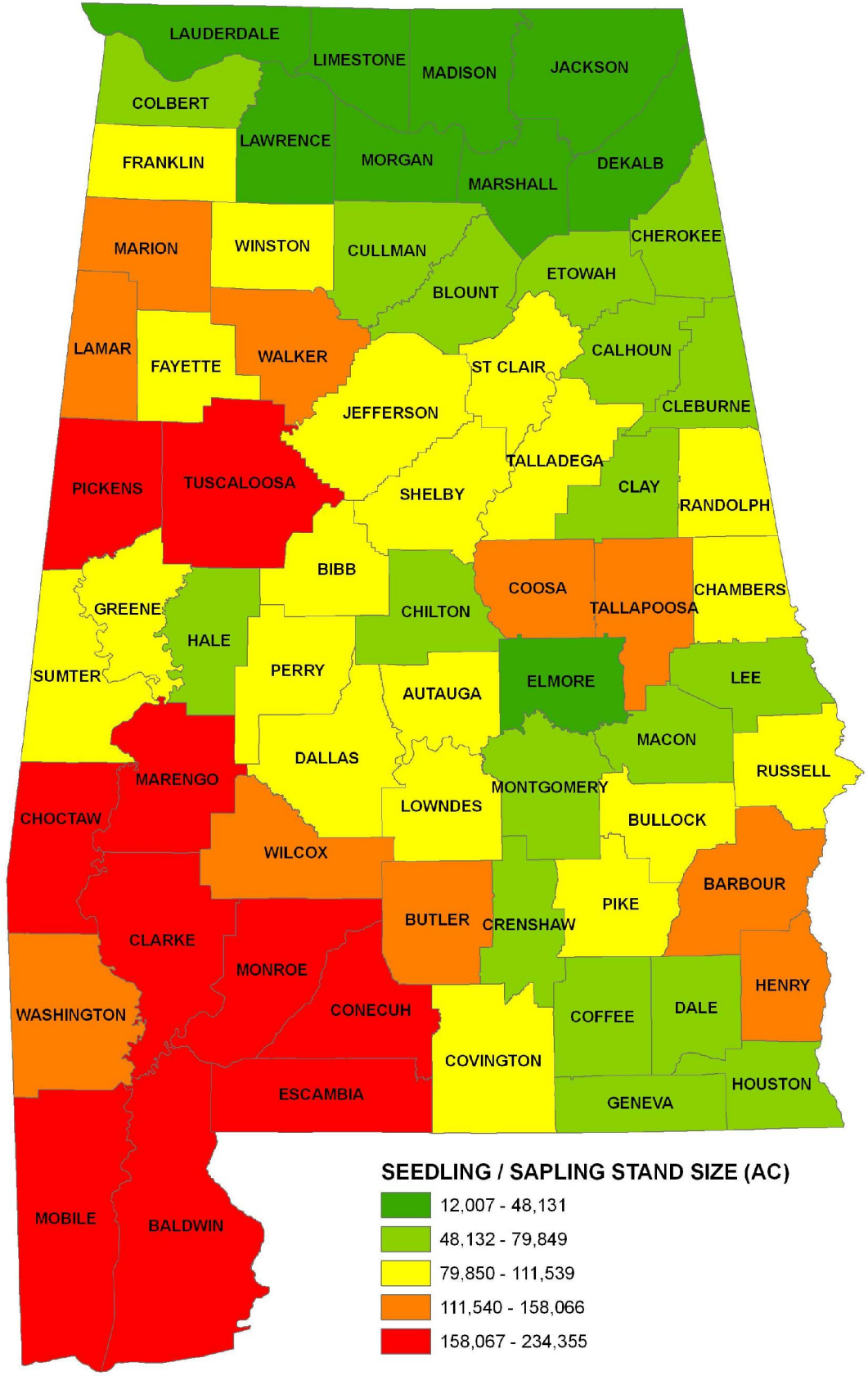
A very small portion (1%) of timberland acres is classified as “non-stocked” by Forest Inventory & Analysis (FIA) guidelines. The “non-stocked” acres have been included in the “seedling/sapling” category.

A tract of timberland is classified as “non-stocked” if at the time the FIA plot was inventoried there was <10% stocking of trees. This situation occurs on sites that have recently been clearcut.

Numbers in rows and columns may not sum due to rounding.







2008 FIA Timberland Inventory Statistics

- Ø According to 2008 FIA data, there are 495.7 million tons of softwood growing stock volume and 572.7 million tons of hardwood growing stock volume in Alabama.
- Ø For the time period 2001 to 2008, softwood net growth was 37.9 million tons annually and net growth for hardwoods was 18.7 million tons annually.
- Ø Softwood volume removed annually as a result of harvesting during this same period amounted to 30.3 million tons. Approximately 6.1% of total pine volume is harvested annually. Hardwood volume removed was 12.5 million tons. Approximately 2.2% of total hardwood volume is harvested annually.
- Ø Since 2000 total growing stock volume has increased by 5%.
- Ø There are approximately 8.5 million green tons of recoverable biomass from logging operation sites annually in Alabama.
- Ø Approximately 5.1 million acres (22.5%) of the commercial forest are under an identified certification program or are managed by government entities that require sound forest management.

GROWING STOCK VOLUME BY MAJOR SPECIES GROUP

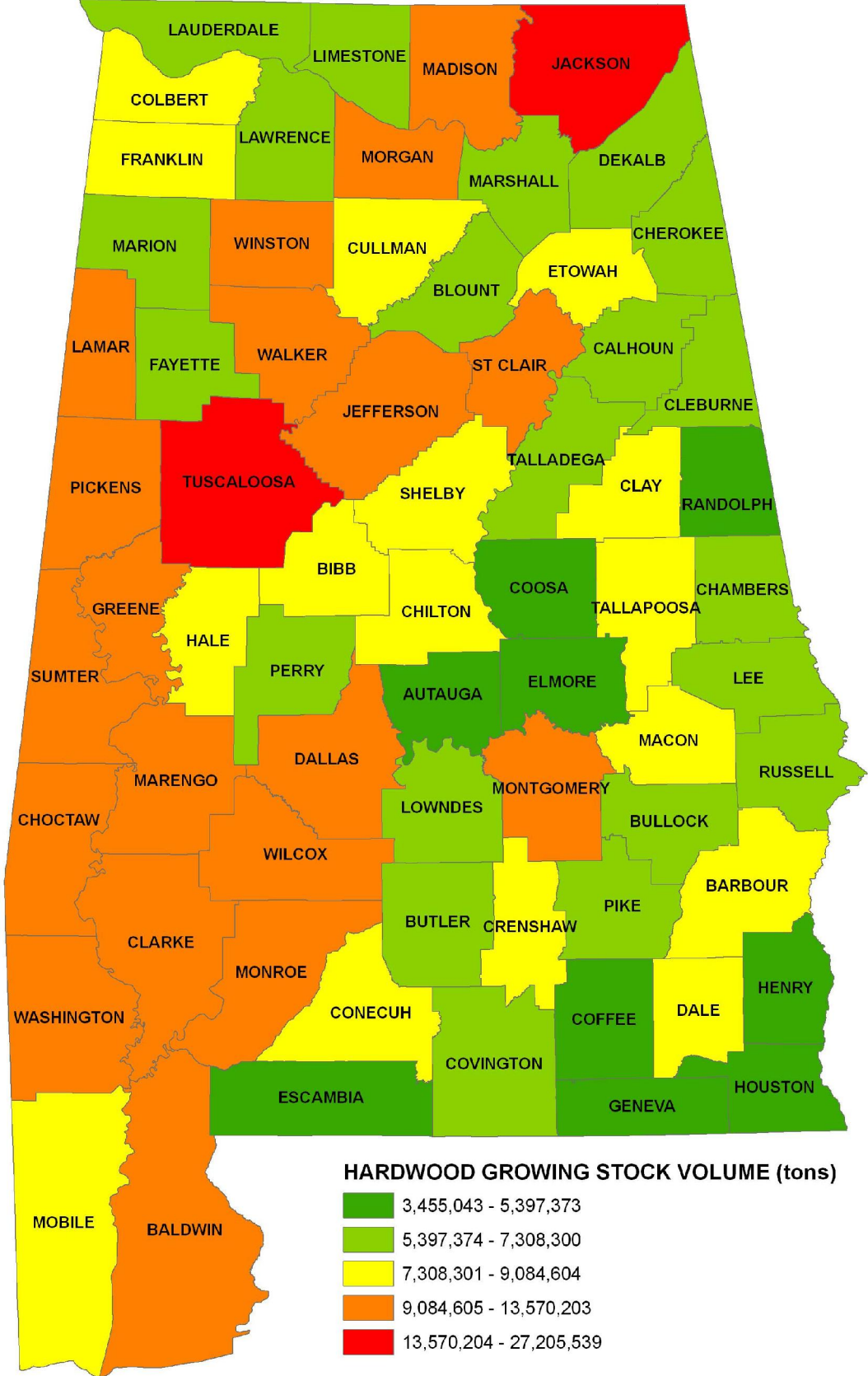
| County Name | Total | Softwoods | Hardwoods |
|-------------|------------|------------|------------|
| <i>Tons</i> | | | |
| Autauga | 9,991,740 | 4,666,103 | 5,325,637 |
| Baldwin | 32,051,244 | 18,481,041 | 13,570,203 |
| Barbour | 17,509,317 | 9,463,062 | 8,046,255 |
| Bibb | 18,346,624 | 9,287,274 | 9,059,349 |
| Blount | 10,525,248 | 4,356,530 | 6,168,718 |
| Bullock | 13,871,409 | 7,523,292 | 6,348,118 |
| Butler | 14,984,388 | 8,283,604 | 6,700,784 |
| Calhoun | 10,895,490 | 4,427,883 | 6,467,607 |
| Chambers | 14,028,591 | 8,037,750 | 5,990,841 |
| Cherokee | 12,426,355 | 5,118,056 | 7,308,300 |
| Chilton | 12,884,636 | 5,262,438 | 7,622,198 |
| Choctaw | 32,593,903 | 19,933,360 | 12,660,543 |
| Clarke | 33,226,674 | 20,162,840 | 13,063,834 |
| Clay | 15,546,383 | 7,365,479 | 8,180,904 |
| Cleburne | 14,961,176 | 7,776,344 | 7,184,832 |
| Coffee | 8,431,851 | 4,976,809 | 3,455,043 |
| Colbert | 10,102,372 | 1,944,739 | 8,157,633 |
| Conecuh | 18,771,887 | 10,601,566 | 8,170,321 |
| Coosa | 13,513,452 | 8,116,080 | 5,397,373 |

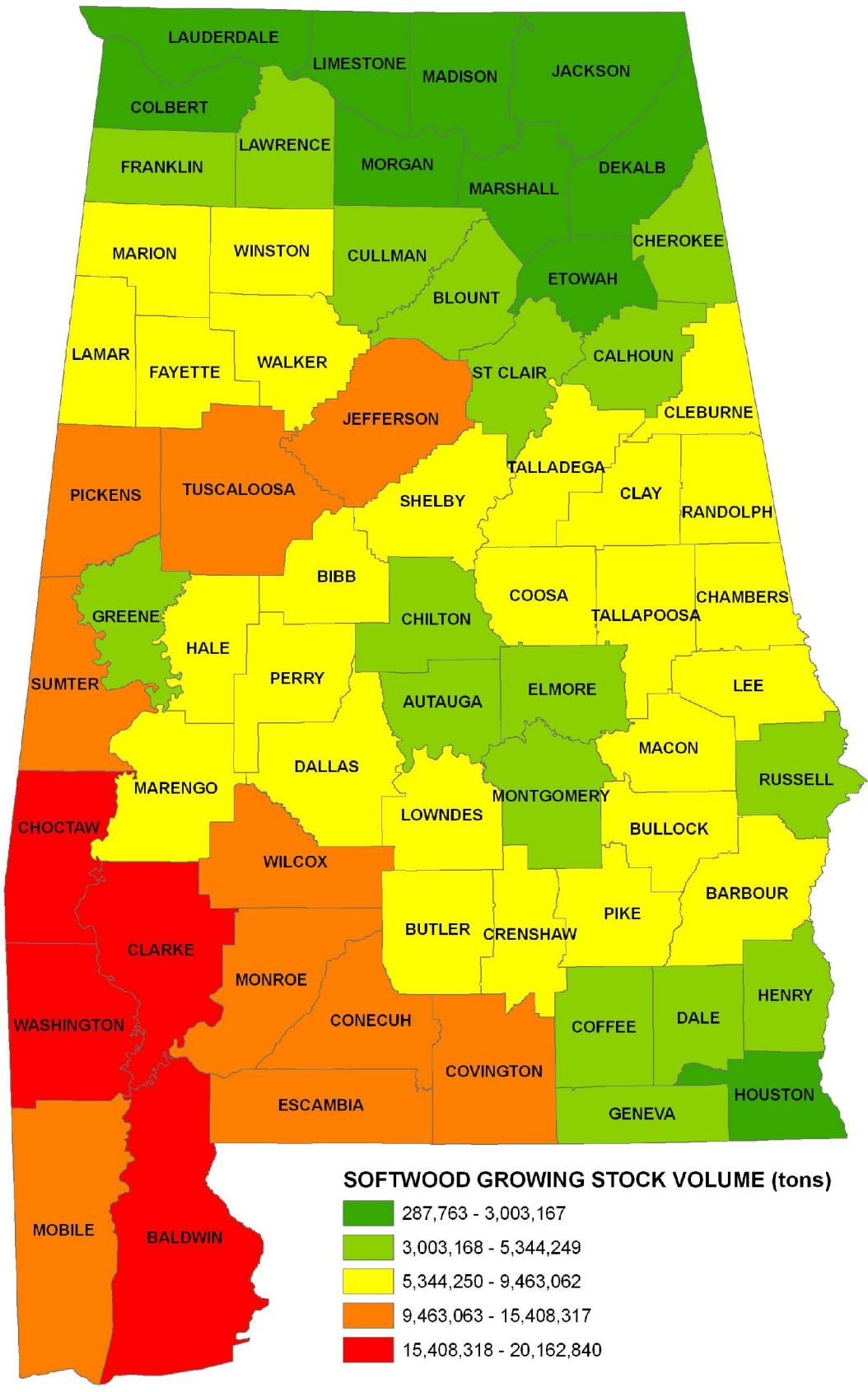
| | | | |
|------------|------------|------------|------------|
| Covington | 19,323,257 | 13,507,204 | 5,816,052 |
| Crenshaw | 17,680,867 | 9,271,446 | 8,409,421 |
| Cullman | 11,741,070 | 3,463,258 | 8,277,812 |
| Dale | 12,601,037 | 4,557,645 | 8,043,391 |
| Dallas | 19,979,891 | 7,825,640 | 12,154,250 |
| DeKalb | 8,745,099 | 2,700,753 | 6,044,347 |
| Elmore | 9,524,688 | 4,579,507 | 4,945,181 |
| Escambia | 15,856,221 | 11,314,878 | 4,541,343 |
| Etowah | 10,531,168 | 2,545,092 | 7,986,075 |
| Fayette | 15,031,720 | 7,826,484 | 7,205,236 |
| Franklin | 11,436,651 | 3,418,427 | 8,018,224 |
| Geneva | 8,215,184 | 4,040,831 | 4,174,352 |
| Greene | 15,014,471 | 5,084,611 | 9,929,860 |
| Hale | 15,310,278 | 6,248,773 | 9,061,505 |
| Henry | 8,361,618 | 3,590,103 | 4,771,515 |
| Houston | 7,870,022 | 3,002,772 | 4,867,250 |
| Jackson | 29,479,604 | 2,274,065 | 27,205,539 |
| Jefferson | 22,932,613 | 11,418,249 | 11,514,363 |
| Lamar | 16,389,165 | 6,067,119 | 10,322,046 |
| Lauderdale | 7,540,271 | 952,469 | 6,587,802 |
| Lawrence | 10,672,124 | 3,606,995 | 7,065,129 |
| Lee | 12,552,725 | 6,718,210 | 5,834,514 |
| Limestone | 6,543,149 | 287,763 | 6,255,385 |
| Lowndes | 12,089,014 | 6,376,007 | 5,713,007 |
| Macon | 15,228,736 | 6,850,614 | 8,378,122 |
| Madison | 12,629,387 | 1,998,244 | 10,631,142 |
| Marengo | 22,120,279 | 9,058,947 | 13,061,332 |
| Marion | 12,873,561 | 6,885,936 | 5,987,626 |
| Marshall | 8,837,787 | 1,930,940 | 6,906,847 |
| Mobile | 21,017,116 | 12,810,729 | 8,206,387 |
| Monroe | 26,409,257 | 15,088,083 | 11,321,174 |
| Montgomery | 13,682,349 | 3,540,149 | 10,142,200 |
| Morgan | 13,055,049 | 3,003,167 | 10,051,882 |
| Perry | 13,950,425 | 8,135,963 | 5,814,462 |
| Pickens | 20,935,107 | 10,333,062 | 10,602,045 |
| Pike | 12,247,298 | 6,496,089 | 5,751,208 |
| Randolph | 11,752,975 | 6,529,565 | 5,223,410 |
| Russell | 11,740,960 | 5,051,748 | 6,689,211 |
| St. Clair | 15,740,264 | 5,344,249 | 10,396,015 |
| Shelby | 15,332,160 | 6,301,894 | 9,030,266 |
| Sumter | 22,890,036 | 10,335,297 | 12,554,739 |
| Talladega | 13,556,740 | 7,586,390 | 5,970,350 |

| | | | |
|--------------|----------------------|--------------------|--------------------|
| Tallapoosa | 18,062,312 | 8,977,708 | 9,084,604 |
| Tuscaloosa | 34,240,418 | 15,408,317 | 18,832,101 |
| Walker | 17,372,807 | 7,178,102 | 10,194,705 |
| Washington | 31,854,858 | 19,387,636 | 12,467,222 |
| Wilcox | 25,172,189 | 13,592,283 | 11,579,906 |
| Winston | 17,710,038 | 7,461,819 | 10,248,219 |
| Total | 1,068,496,755 | 495,749,483 | 572,747,272 |

NOTES: “Growing stock” refers to high-quality trees capable of producing lumber, veneer, poles, or ties/timbers currently or in the future, based on Forest Inventory & Analysis (FIA) specifications.

Numbers in rows and columns may not sum due to rounding.





ANNUAL NET GROWTH OF GROWING STOCK

(2001 – 2008)

| County Name | Total | Softwoods | Hardwoods |
|-------------|-----------|-----------|-----------|
| <i>Tons</i> | | | |
| Autauga | 643,412 | 511,918 | 131,493 |
| Baldwin | 1,357,208 | 1,093,377 | 263,831 |
| Barbour | 1,083,739 | 820,358 | 263,380 |
| Bibb | 1,074,140 | 731,036 | 343,104 |
| Blount | 571,161 | 382,101 | 189,061 |
| Bullock | 900,610 | 661,789 | 238,821 |
| Butler | 1,144,366 | 911,865 | 232,501 |
| Calhoun | 483,092 | 278,441 | 204,651 |
| Chambers | 1,088,658 | 832,108 | 256,550 |
| Cherokee | 517,238 | 322,987 | 194,250 |
| Chilton | 624,371 | 338,688 | 285,683 |
| Choctaw | 1,851,771 | 1,486,614 | 365,157 |
| Clarke | 1,871,072 | 1,353,630 | 517,443 |
| Clay | 823,663 | 482,043 | 341,620 |
| Cleburne | 734,207 | 519,295 | 214,912 |
| Coffee | 603,523 | 401,324 | 202,198 |
| Colbert | 549,480 | 113,140 | 436,340 |
| Conecuh | 1,119,111 | 887,186 | 231,925 |
| Coosa | 1,032,706 | 793,689 | 239,017 |
| Covington | 1,206,975 | 963,441 | 243,534 |
| Crenshaw | 1,157,501 | 893,917 | 263,584 |
| Cullman | 582,915 | 277,457 | 305,459 |
| Dale | 571,738 | 260,564 | 311,173 |
| Dallas | 929,208 | 695,906 | 233,302 |
| DeKalb | 334,360 | 95,214 | 239,146 |
| Elmore | 569,155 | 439,324 | 129,831 |
| Escambia | 829,308 | 747,801 | 81,508 |
| Etowah | 522,297 | 248,946 | 273,351 |
| Fayette | 953,215 | 617,257 | 335,958 |
| Franklin | 562,134 | 327,756 | 234,378 |
| Geneva | 534,189 | 325,188 | 209,001 |
| Greene | 613,043 | 402,740 | 210,304 |
| Hale | 781,247 | 497,742 | 283,506 |
| Henry | 485,269 | 291,243 | 194,025 |
| Houston | 515,170 | 334,037 | 181,134 |
| Jackson | 854,166 | 125,393 | 728,773 |

| | | | |
|--------------|-------------------|-------------------|-------------------|
| Jefferson | 1,102,732 | 777,955 | 324,777 |
| Lamar | 1,117,321 | 671,012 | 446,309 |
| Lauderdale | 372,634 | 99,482 | 273,151 |
| Lawrence | 383,682 | 155,437 | 228,245 |
| Lee | 956,930 | 662,153 | 294,776 |
| Limestone | 164,135 | 22,666 | 141,469 |
| Lowndes | 969,223 | 826,399 | 142,824 |
| Macon | 683,868 | 414,349 | 269,519 |
| Madison | 308,961 | -2,358 | 311,319 |
| Marengo | 1,080,710 | 666,979 | 413,731 |
| Marion | 968,565 | 777,625 | 190,940 |
| Marshall | 262,332 | 58,699 | 203,633 |
| Mobile | 942,464 | 708,399 | 234,064 |
| Monroe | 1,361,416 | 1,019,808 | 341,607 |
| Montgomery | 627,855 | 306,753 | 321,101 |
| Morgan | 288,554 | -48,694 | 337,248 |
| Perry | 954,878 | 754,225 | 200,653 |
| Pickens | 1,001,491 | 762,476 | 239,016 |
| Pike | 1,020,338 | 725,493 | 294,845 |
| Randolph | 804,368 | 588,605 | 215,763 |
| Russell | 910,657 | 630,884 | 279,773 |
| St. Clair | 457,794 | 117,455 | 340,339 |
| Shelby | 491,213 | 223,063 | 268,150 |
| Sumter | 1,324,584 | 960,950 | 363,634 |
| Talladega | 716,411 | 498,192 | 218,219 |
| Tallapoosa | 1,152,937 | 851,579 | 301,358 |
| Tuscaloosa | 1,628,483 | 1,119,838 | 508,646 |
| Walker | 1,010,086 | 840,807 | 169,279 |
| Washington | 1,624,279 | 1,106,134 | 518,145 |
| Wilcox | 1,560,761 | 1,209,684 | 351,076 |
| Winston | 240,630 | -101,122 | 341,751 |
| Total | 56,565,707 | 37,870,442 | 18,695,265 |

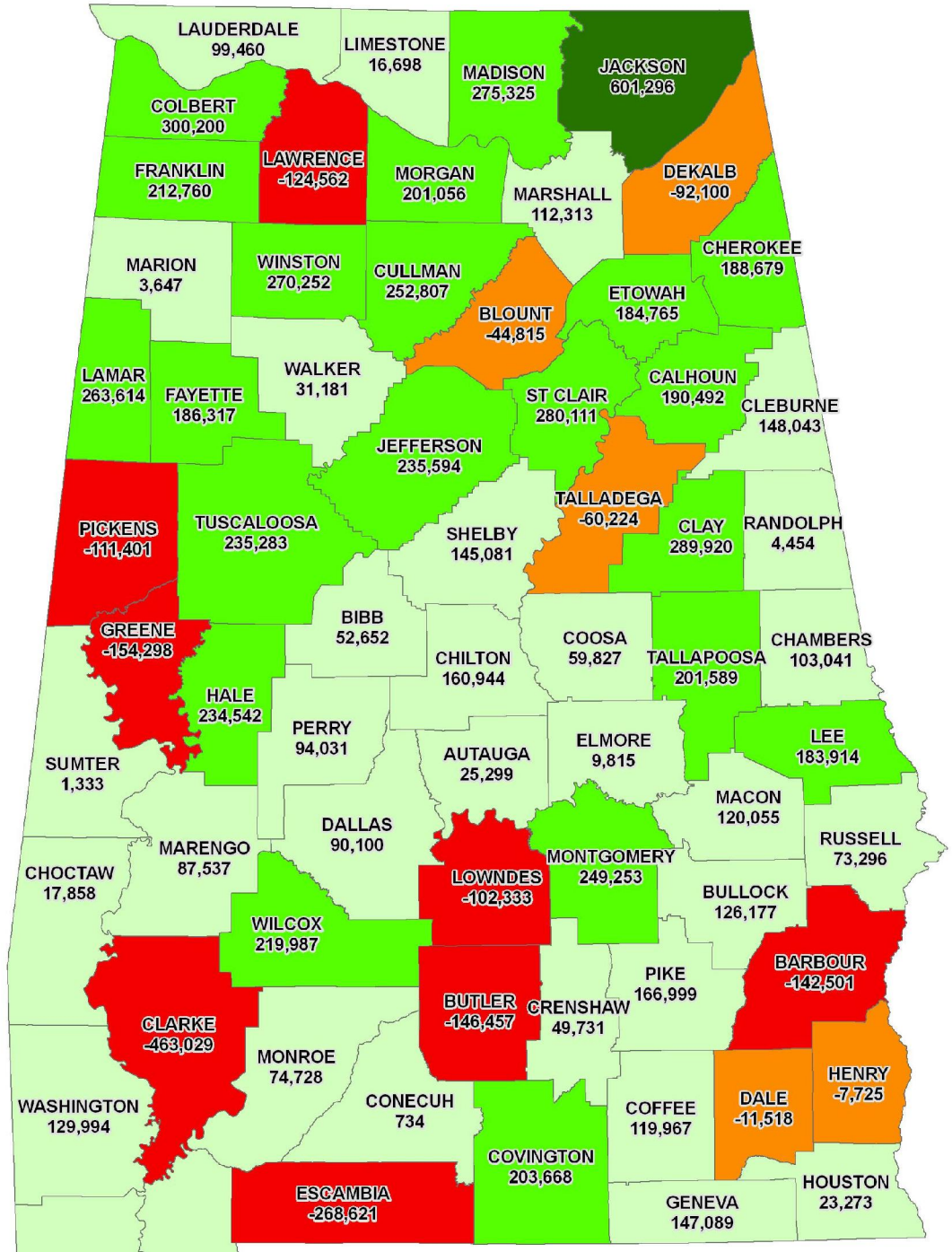
NOTE: Numbers in rows and columns may not sum due to rounding.

ANNUAL REMOVALS OF GROWING STOCK
 (2001 – 2008)

| County Name | Total | Softwoods | Hardwoods |
|-------------|-----------|-----------|-----------|
| <i>Tons</i> | | | |
| Autauga | 417,207 | 311,013 | 106,194 |
| Baldwin | 1,600,097 | 1,418,984 | 181,113 |
| Barbour | 1,098,136 | 692,255 | 405,881 |
| Bibb | 1,269,741 | 979,289 | 290,452 |
| Blount | 334,277 | 100,402 | 233,876 |
| Bullock | 486,532 | 373,887 | 112,645 |
| Butler | 1,085,206 | 706,248 | 378,958 |
| Calhoun | 105,628 | 91,469 | 14,159 |
| Chambers | 873,173 | 719,664 | 153,509 |
| Cherokee | 126,903 | 121,332 | 5,571 |
| Chilton | 258,569 | 133,830 | 124,739 |
| Choctaw | 1,048,042 | 700,743 | 347,299 |
| Clarke | 3,126,352 | 2,145,881 | 980,472 |
| Clay | 289,685 | 237,985 | 51,700 |
| Cleburne | 579,018 | 512,149 | 66,869 |
| Coffee | 314,245 | 232,014 | 82,231 |
| Colbert | 274,070 | 137,930 | 136,140 |
| Conecuh | 1,248,426 | 1,017,235 | 231,191 |
| Coosa | 1,191,229 | 1,012,039 | 179,189 |
| Covington | 511,790 | 471,925 | 39,865 |
| Crenshaw | 855,840 | 641,986 | 213,854 |
| Cullman | 200,398 | 147,747 | 52,652 |
| Dale | 625,332 | 302,641 | 322,691 |
| Dallas | 621,203 | 478,001 | 143,202 |
| DeKalb | 382,156 | 50,911 | 331,246 |
| Elmore | 289,137 | 169,121 | 120,016 |
| Escambia | 1,585,258 | 1,235,129 | 350,129 |
| Etowah | 170,327 | 81,742 | 88,585 |
| Fayette | 473,358 | 323,717 | 149,642 |
| Franklin | 44,872 | 23,254 | 21,618 |
| Geneva | 426,134 | 364,222 | 61,912 |
| Greene | 579,817 | 215,216 | 364,601 |
| Hale | 466,467 | 417,503 | 48,964 |
| Henry | 557,406 | 355,656 | 201,750 |
| Houston | 582,754 | 424,893 | 157,860 |
| Jackson | 253,620 | 126,143 | 127,477 |

| | | | |
|--------------|-------------------|-------------------|-------------------|
| Jefferson | 285,474 | 196,291 | 89,183 |
| Lamar | 524,125 | 341,430 | 182,695 |
| Lauderdale | 319,317 | 145,625 | 173,692 |
| Lawrence | 400,830 | 48,023 | 352,807 |
| Lee | 546,002 | 435,140 | 110,863 |
| Limestone | 124,771 | 0 | 124,771 |
| Lowndes | 772,692 | 527,536 | 245,157 |
| Macon | 503,703 | 354,239 | 149,464 |
| Madison | 35,994 | 0 | 35,994 |
| Marengo | 1,135,013 | 808,819 | 326,194 |
| Marion | 929,106 | 741,812 | 187,294 |
| Marshall | 165,833 | 74,512 | 91,321 |
| Mobile | 921,517 | 767,050 | 154,467 |
| Monroe | 1,517,462 | 1,250,582 | 266,879 |
| Montgomery | 355,981 | 284,133 | 71,848 |
| Morgan | 275,927 | 139,736 | 136,191 |
| Perry | 695,485 | 588,863 | 106,622 |
| Pickens | 680,221 | 329,804 | 350,416 |
| Pike | 463,054 | 335,208 | 127,847 |
| Randolph | 522,791 | 311,482 | 211,309 |
| Russell | 438,148 | 231,671 | 206,477 |
| St. Clair | 231,151 | 170,923 | 60,228 |
| Shelby | 494,358 | 371,289 | 123,069 |
| Sumter | 1,148,953 | 786,652 | 362,301 |
| Talladega | 532,719 | 254,276 | 278,443 |
| Tallapoosa | 653,898 | 554,129 | 99,769 |
| Tuscaloosa | 741,323 | 467,960 | 273,363 |
| Walker | 712,248 | 574,150 | 138,098 |
| Washington | 1,043,315 | 655,165 | 388,151 |
| Wilcox | 905,591 | 774,502 | 131,089 |
| Winston | 327,545 | 256,046 | 71,499 |
| Total | 42,756,952 | 30,251,201 | 12,505,750 |

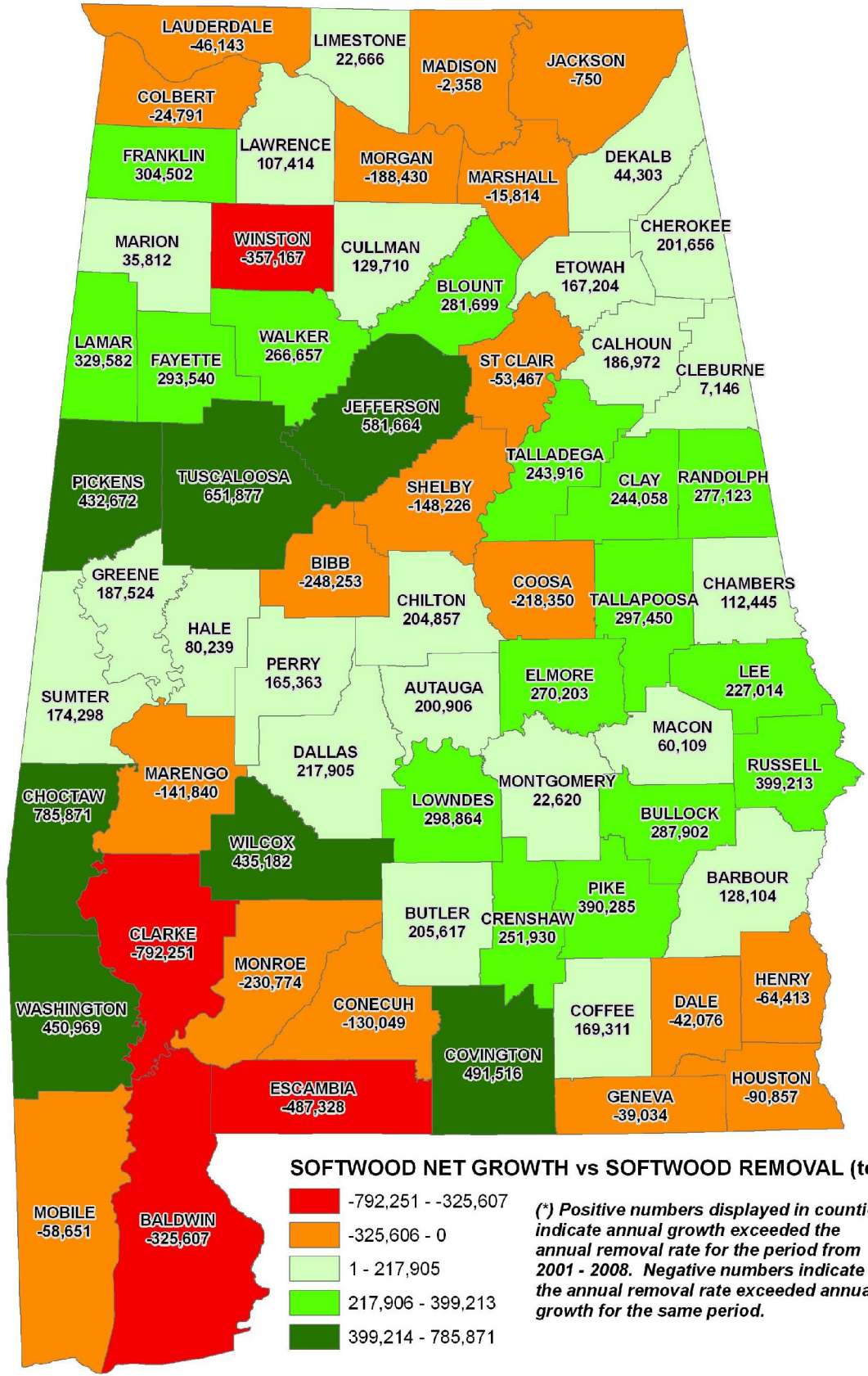
NOTE: Numbers in rows and columns may not sum due to rounding.



HARDWOOD NET GROWTH vs HARDWOOD REMOVAL (tons)*

- 463,029 - -102,333
- 102,332 - 0
- 1 - 166,999
- 167,000 - 300,200
- 300,201 - 601,296

(*) Positive numbers displayed in counties indicate annual growth exceeded the annual removal rate for the period from 2001 - 2008. Negative numbers indicate the annual removal rate exceeded annual growth for the same period.



FORESTRY CASH RECEIPT REPORT METHODOLOGY

The following calculations were used in converting volume units reported from severance tax forms to the volumes shown in this report. This methodology is based on Forestry Cash Receipt Report, 1986, Dr. Bill McKee, Alabama Cooperative Extension Service.

I. Pine Sawtimber

- A. Pine Lumber Production (MBF Board Measure) * .88 = Lumber Production, MBF Scribner Log Rule.
- B. Pine Logs (MBF Doyle Rule) * 1.157 = Volume Pine Logs, MBF Scribner Log Rule.
- C. (A)+ (B) = Total Pine Sawlog Harvest * Price per MBF Scribner Log Rule = Value of Pine Sawtimber in Scribner Log Rule.
- D. Conversion to cubic feet: 5.5 cubic feet per MBF, Scribner

II. Hardwood Sawtimber

- A. ((Hardwood Lumber Production in MBF Board Measure + (((Switch Tie Pieces*60 BF per Piece) + ((Cross Ties+MineTies+Mine Props)*45 BF per Piece))/1000))* .70 = Lumber Production, MBF Doyle.
- B. (A) + Hardwood Logs, MBF Doyle Log Rule = Total Hardwood Sawlog Harvest in Doyle Rule * Price per MBF Doyle Rule = Hardwood Sawtimber Value.
- C. Conversion to cubic feet: 3.6 cubic feet per MBF, Doyle

III. Pine Pulpwood

- A. Harvest in Cords * Price per Cord = Pine Pulpwood Value.
- B. Conversion to cubic feet: 85 cubic feet per cord

IV. Hardwood Pulpwood

- Harvest in Cords * Price per Cord = Hardwood Pulpwood Value.
- Conversion to cubic feet: 80 cubic feet per cord

V. Poles and Piling

- A. Pole Production in MBF Doyle + Piling Production in MBF Doyle * Weighted price of Poles and Pilings per MBF Doyle = Value of Poles and Piling.
- B. Conversion to cubic feet: 3.6 cubic feet per MBF, Doyle

VI. Turpentine

- Turpentine in 400 Pound Barrels * Price per Barrel = Turpentine Value

VII. Forest Inventory & Analysis (FIA) Statistics

- A. Softwoods Species Group: 28.6 cubic feet per ton
- B. Hardwood Species Group: 26.3 cubic feet per ton

REFERENCES

Alabama Department of Revenue and Finance Department

Alabama Development Office - Website Address: www.ado.state.al.us

Forest Inventory & Analysis EVALIDator 4.01 - Website address: <http://srsfia2.fs.fed.us/data/index.shtml>

Timber Mart-South - Website address: www.timbermart-south.com

ACKNOWLEDGEMENTS

This report was developed by Brian Hendricks, Forest Inventory & Analysis Coordinator, Alabama Forestry Commission. The maps contained within this report were created by Bill Christie, Geographic Information Specialist, Alabama Forestry Commission.