



## FOREST RESOURCE REPORT 2008

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ALABAMA FORESTRY COMMISSION

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# **FOREST RESOURCE REPORT 2008**

By

**Alabama Forestry Commission**

This report contains several economic status indicators of the forest industry and forest resources in Alabama for 2008. Included in this report are the following indicators:

- 2008 Timber Harvests Volume
- 2008 Timber Price Trends
- 2007 Timber and other Agricultural Commodities Rankings (*latest statistics available*)
- 2008 Forest Products Investments in New & Expanding Businesses
- 2008 FIA Timberland Acreage Statistics
- 2008 FIA Timberland Inventory Statistics

## 2008 Timber Harvests Volume

- In 2008, 1.48 billion board feet of pine sawtimber and 191 million board feet of hardwood sawtimber were harvested. Compared to 2007, pine sawtimber harvests were down by 14.6% and hardwood sawtimber harvests were down by 46.7%. Sawtimber harvests accounted for approximately 29% of the total harvests in 2008.
- Approximately 6.1 million cords of pine pulpwood were harvested in 2008 while 3.4 million cords of hardwood pulpwood were harvested. Compared to 2007, pine pulpwood harvests were down by 2.1% and hardwood pulpwood harvests were down by 3.8%.
- Harvest volumes for all products decreased by 12% over the previous five year period's average volume. Of all products, hardwood sawtimber harvests have decreased the most (36.6%). The only product that showed an increase in harvest volume compared to the previous five year period average is hardwood pulpwood (4.0%). Pulpwood accounted for 70% of the total volume harvested.

**Table 1. Production of Forest Products by Product and County for Calendar Year 2008.**

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	6,448	1,129	59,812	37,609	0
Baldwin	29,138	177	200,556	21,289	2,303
Barbour	12,529	1,809	254,998	61,307	140
Bibb	23,856	2,675	128,030	118,129	6,620
Blount	7,289	813	49,672	25,577	0
Bullock	5,498	1,246	134,332	27,384	0
Butler	49,284	846	159,528	40,046	533
Calhoun	4,395	122	19,432	16,875	0
Chambers	23,977	1,405	119,799	40,453	194
Cherokee	4,006	578	33,068	29,706	0
Chilton	25,194	692	87,675	33,620	16
Choctaw	50,621	7,725	197,586	135,759	2,512
Clarke	88,735	16,789	229,837	190,515	7,254
Clay	17,386	7,769	107,638	44,313	8
Cleburne	10,353	682	43,075	22,374	292
Coffee	22,227	157	114,063	28,382	134
Colbert	2,126	1,296	21,371	35,951	0
Conecuh	50,584	487	191,372	79,661	961
Coosa	15,070	2,331	140,361	39,450	11
Covington	46,270	82	200,735	36,360	1,299
Crenshaw	35,882	5,744	136,337	51,562	1,687
Cullman	5,802	1,085	52,618	37,791	0
Dale	3,051	546	68,649	31,002	5
Dallas	24,348	3,825	92,526	100,312	220
De Kalb	3,347	4,057	19,309	22,670	0

Elmore	6,876	728	43,966	26,420	19
Escambia	25,029	149	110,366	31,094	3,221
Etowah	8,205	727	23,824	38,217	0
Fayette	28,179	1,464	89,537	54,228	127
Franklin	7,350	1,892	69,366	30,417	0
Geneva	4,333	66	46,944	14,968	674
Greene	28,246	6,791	62,412	70,650	347
Hale	198,462	2,447	71,583	63,026	294
Henry	7,570	491	99,437	34,659	48
Houston	1,843	114	28,649	11,796	5
Jackson	2,064	14,267	12,015	73,104	0
Jefferson	9,417	1,734	51,350	40,405	0
Lamar	32,683	1,826	50,616	40,322	451
Lauderdale	847	2,334	11,116	16,792	0
Lawrence	2,615	851	28,377	30,926	0
Lee	15,544	901	113,355	23,035	22
Limestone	215	302	1,438	8,433	0
Lowndes	20,866	1,318	97,843	49,397	114
Macon	11,122	2,359	98,779	42,000	15
Madison	2,297	1,832	7,786	12,698	0
Marengo	36,342	18,813	98,860	102,388	1,085
Marion	19,827	4,424	112,847	47,838	12
Marshall	2,402	842	12,135	22,997	0
Mobile	22,649	103	83,552	45,568	1,280
Monroe	62,073	5,106	186,439	117,726	1,448
Montgomery	9,730	2,800	52,933	42,029	68
Morgan	2,032	696	12,016	15,816	0
Perry	32,637	3,559	99,745	74,515	84
Pickens	27,530	10,944	35,503	133,435	55
Pike	9,302	1,583	95,217	34,476	84
Randolph	9,695	621	58,519	112,894	31
Russell	11,242	566	159,563	24,357	0
Shelby	19,961	1,311	110,406	55,698	0
St Clair	11,367	499	57,200	22,284	0
Sumter	16,721	7,579	121,470	119,074	1,069
Talladega	9,332	507	96,836	26,628	0
Tallapoosa	34,814	1,555	170,188	70,296	15
Tuscaloosa	19,801	5,427	86,749	120,053	92
Walker	15,772	2,050	83,391	40,007	263
Washington	45,230	3,941	191,386	98,596	2,524
Wilcox	72,404	5,536	118,425	56,367	957
Winston	7,995	6,106	58,367	18,902	0

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<b>SUBTOTAL BY PRODUCT:</b>	<b>1,480,036</b>	<b>191,229</b>	<b>6,082,885</b>	<b>3,422,628</b>	<b>38,593</b>
<b>Cubic Foot Conversion (mmcf)</b>	<b>269.10</b>	<b>53.12</b>	<b>517.05</b>	<b>273.81</b>	<b>10.72</b>

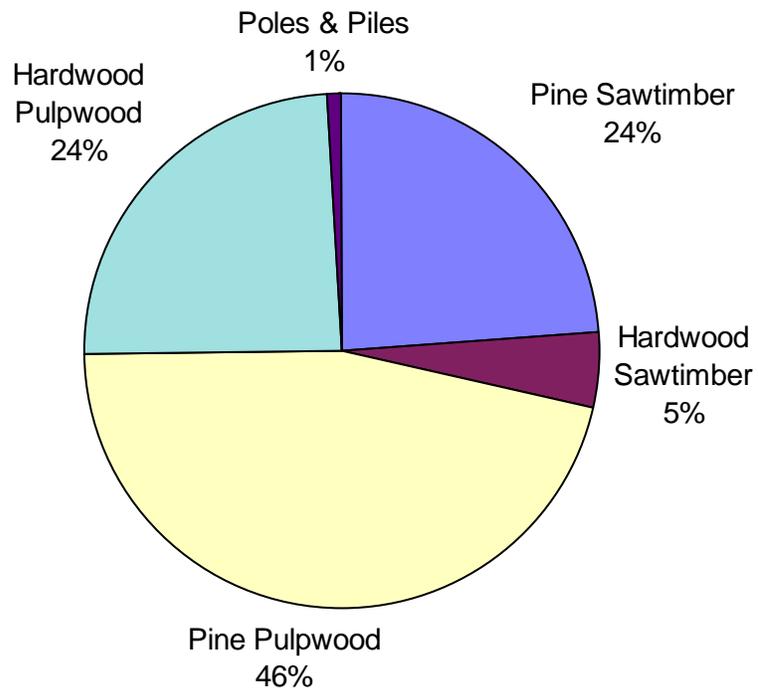
**TOTAL HARVEST: 1,123.79 Million Cubic Feet**

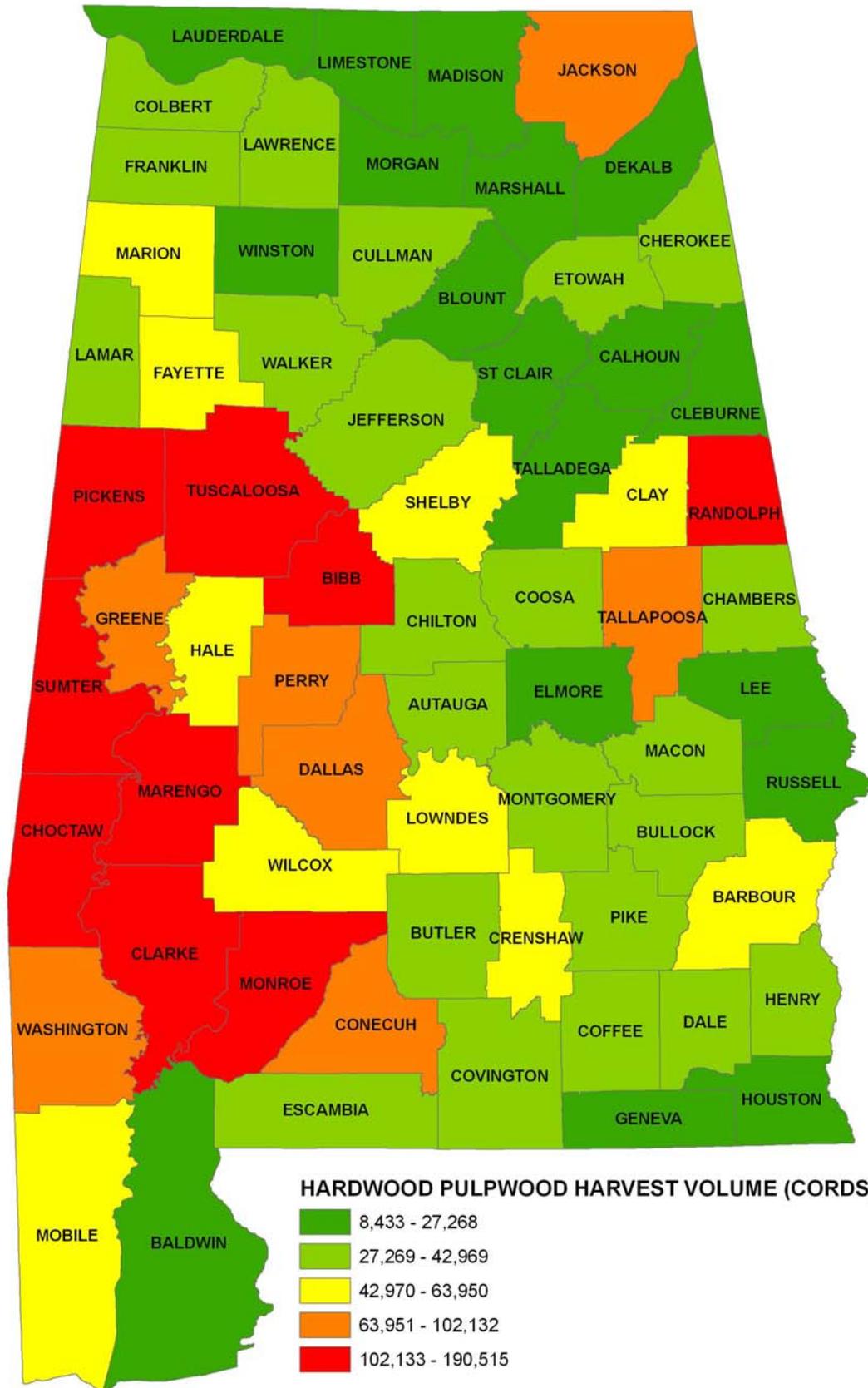
a/ Includes--Sawtimber, Cross and Switch and Mine Ties, Mine Proprs.

MBF= Thousand Board Feet

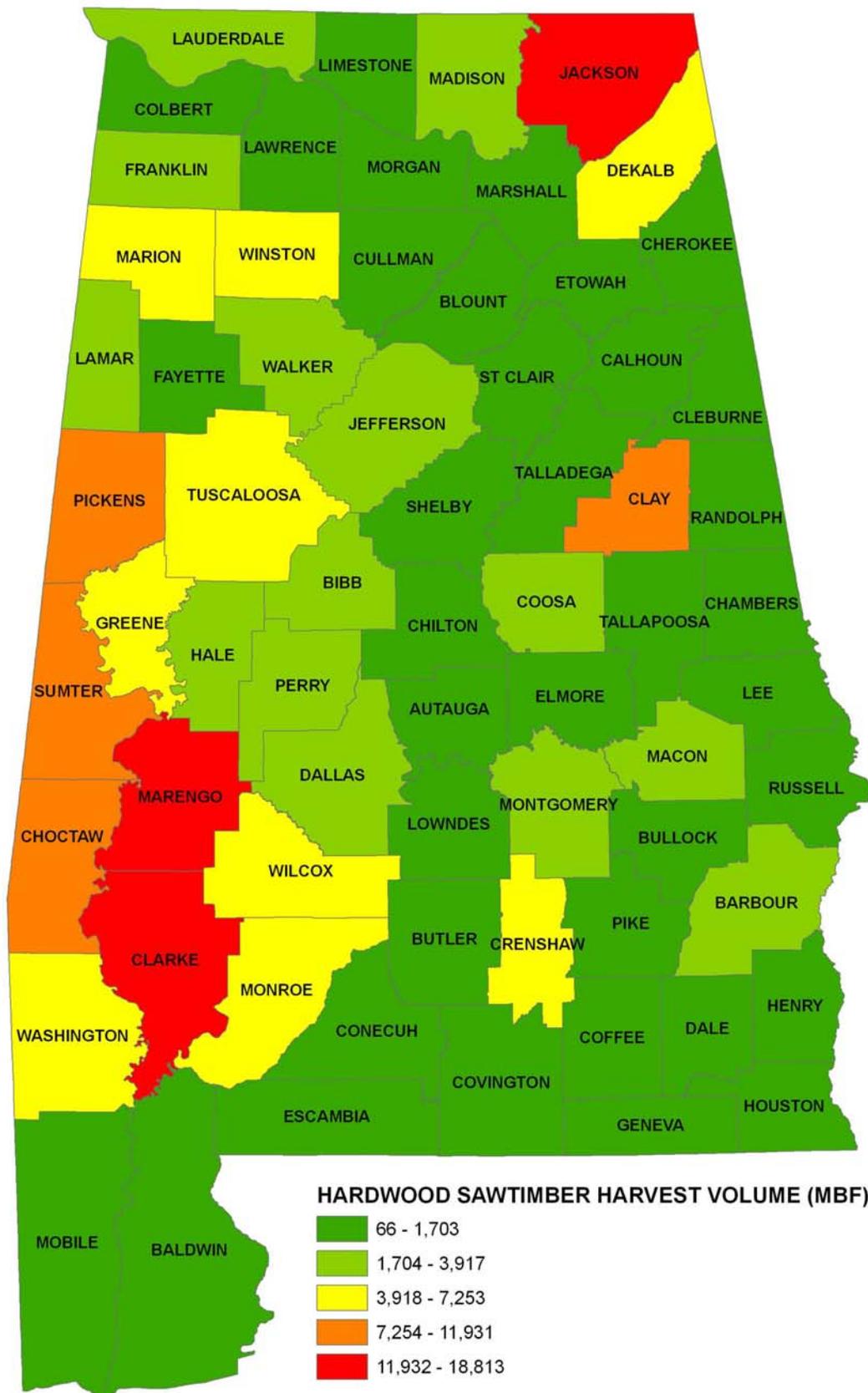
**SOURCE: Department of Revenue and Finance Department, Severance Tax Receipts**

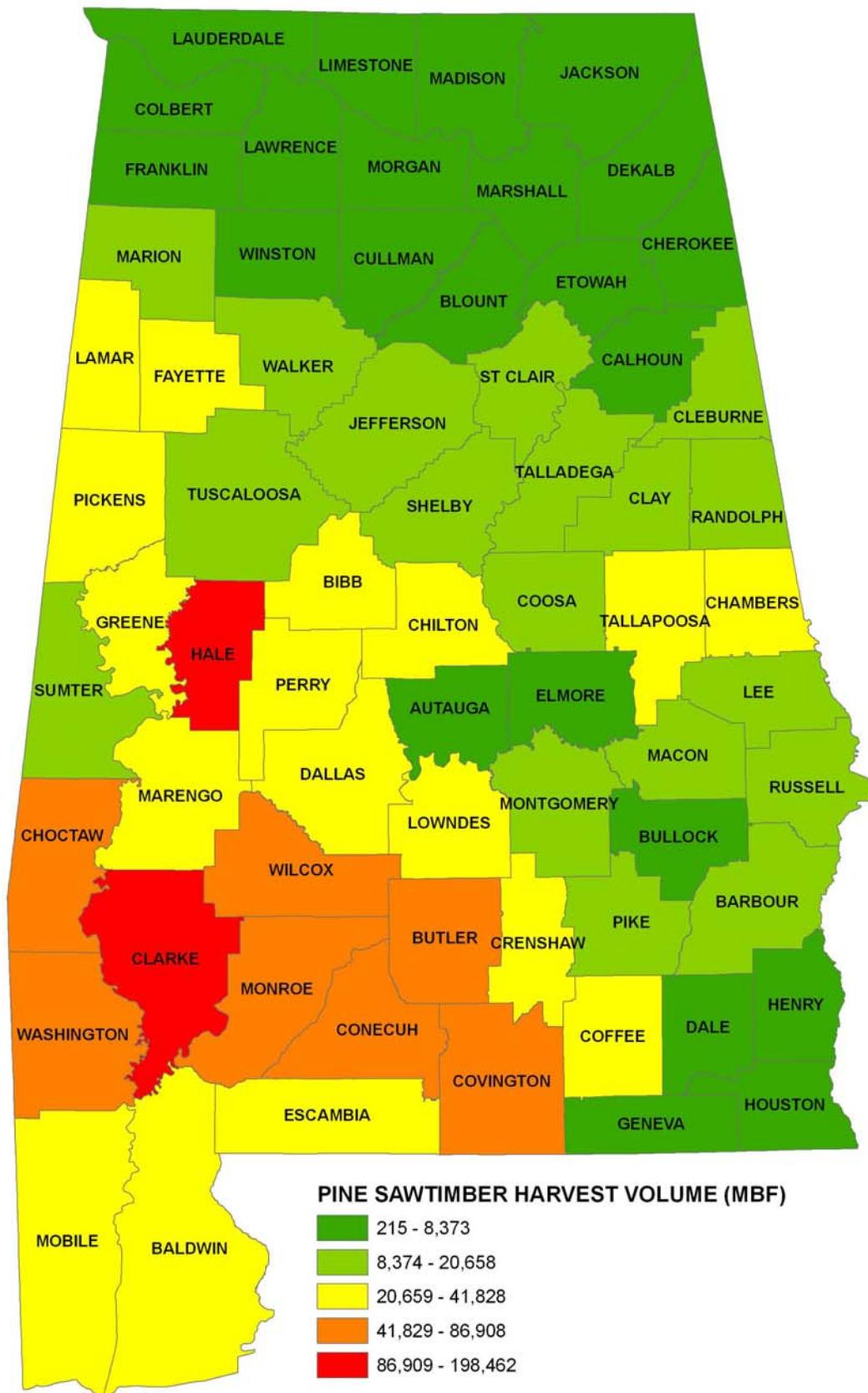
### Volume of Forest Products Harvested











## 2008 Timber Price Trends

- Alabama's average stumpage prices for 2008 when compared with 2007 increased in all product categories except for pine sawtimber (decreased by 12.4%) according to Timber Mart South reports.
- The total estimated value of all stumpage harvested in 2008 was approximately \$679.5 million, a decrease of 14.1% compared to 2007. The value of both pine and hardwood sawtimber stumpage harvested showed decreases, and the value of total sawtimber harvested decreased by 26.0% since 2007.
- The value of both pine and hardwood pulpwood stumpage harvested showed increases, and the value of total pulpwood harvested increased by 22.0% since 2007.

**Table 4. Stumpage Revenue from Sale of Forest Products by Product and County for Calendar Year 2008.**

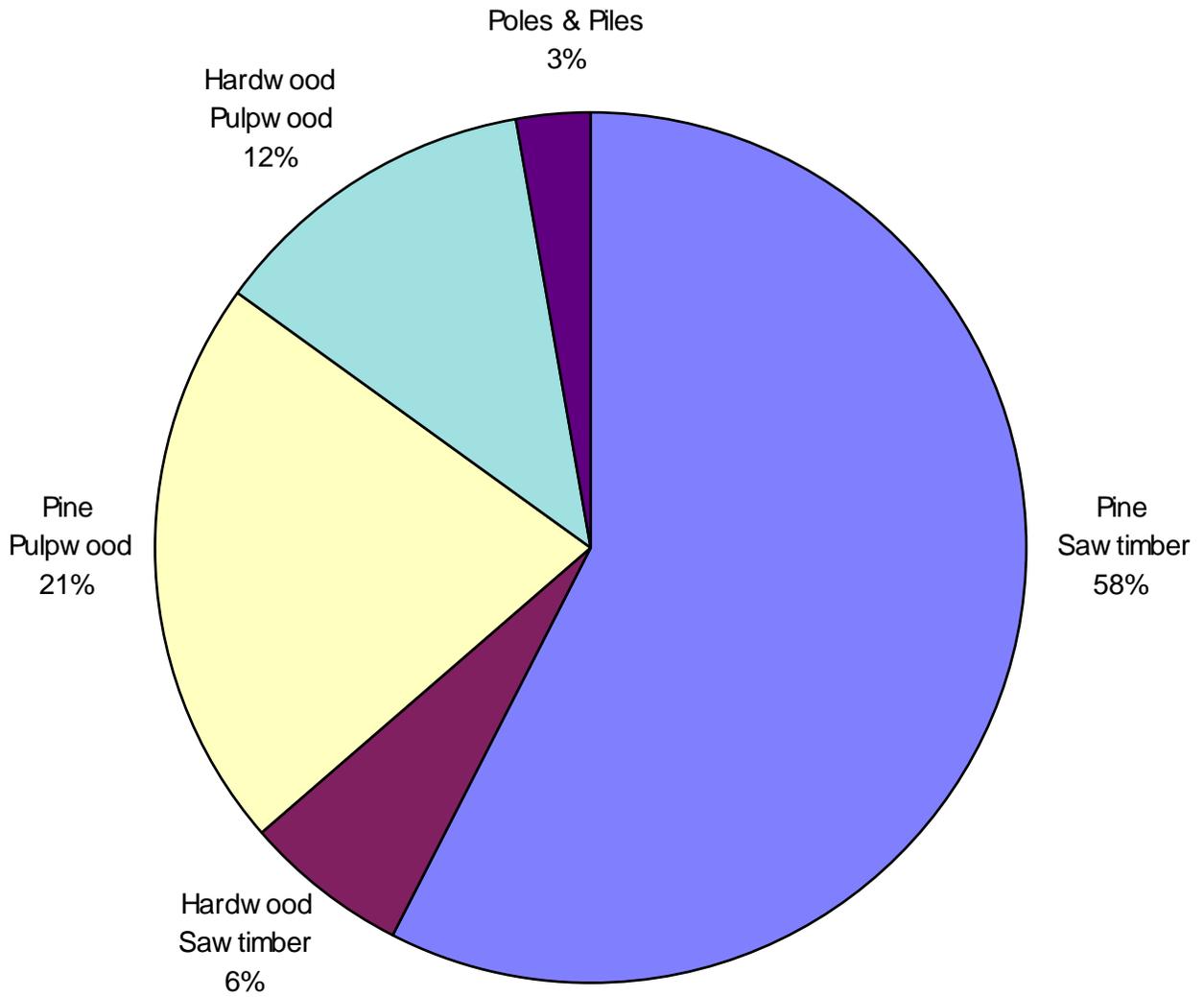
COUNTY	PINE SAWTIMBER	HARDWOOD a/ SAWTIMBER	PINE PULPWOOD	HARDWOOD PULPWOOD	POLES AND PILES	TOTAL
<i>(thousand dollars)</i>						
Autauga	\$1,747	\$259	\$1,495	\$903	\$0	<b>\$4,404</b>
Baldwin	\$7,897	\$41	\$5,014	\$511	\$1,089	<b>\$14,551</b>
Barbour	\$3,395	\$414	\$6,375	\$1,471	\$66	<b>\$11,722</b>
Bibb	\$6,465	\$613	\$3,201	\$2,835	\$3,131	<b>\$16,245</b>
Blount	\$1,742	\$167	\$993	\$665	\$0	<b>\$3,567</b>
Bullock	\$1,490	\$285	\$3,358	\$657	\$0	<b>\$5,791</b>
Butler	\$13,356	\$194	\$3,988	\$961	\$252	<b>\$18,751</b>
Calhoun	\$1,050	\$25	\$389	\$439	\$0	<b>\$1,903</b>
Chambers	\$6,498	\$322	\$2,995	\$971	\$92	<b>\$10,877</b>
Cherokee	\$957	\$119	\$661	\$772	\$0	<b>\$2,510</b>
Chilton	\$6,828	\$159	\$2,192	\$807	\$8	<b>\$9,992</b>
Choctaw	\$13,718	\$1,769	\$4,940	\$3,258	\$1,188	<b>\$24,873</b>
Clarke	\$24,047	\$3,845	\$5,746	\$4,572	\$3,431	<b>\$41,641</b>
Clay	\$4,712	\$1,779	\$2,691	\$1,064	\$4	<b>\$10,249</b>
Cleburne	\$2,474	\$140	\$862	\$582	\$139	<b>\$4,197</b>
Coffee	\$6,023	\$36	\$2,852	\$681	\$63	<b>\$9,656</b>
Colbert	\$508	\$266	\$427	\$935	\$0	<b>\$2,136</b>
Conecuh	\$13,708	\$112	\$4,784	\$1,912	\$455	<b>\$20,971</b>
Coosa	\$4,084	\$534	\$3,509	\$947	\$5	<b>\$9,079</b>
Covington	\$11,059	\$17	\$4,015	\$945	\$620	<b>\$16,655</b>
Crenshaw	\$9,724	\$1,315	\$3,408	\$1,237	\$798	<b>\$16,483</b>
Cullman	\$1,387	\$222	\$1,052	\$983	\$0	<b>\$3,644</b>
Dale	\$827	\$125	\$1,716	\$744	\$2	<b>\$3,415</b>
Dallas	\$6,598	\$876	\$2,313	\$2,407	\$104	<b>\$12,299</b>
De Kalb	\$800	\$832	\$386	\$589	\$0	<b>\$2,607</b>
Elmore	\$1,863	\$167	\$1,099	\$634	\$9	<b>\$3,772</b>
Escambia	\$6,783	\$34	\$2,759	\$746	\$1,524	<b>\$11,846</b>
Etowah	\$1,961	\$149	\$476	\$994	\$0	<b>\$3,580</b>
Fayette	\$6,735	\$300	\$1,791	\$1,410	\$61	<b>\$10,296</b>

Franklin	\$1,757	\$388	\$1,387	\$791	\$0	\$4,323
Geneva	\$1,174	\$15	\$1,174	\$359	\$319	\$3,041
Greene	\$7,655	\$1,555	\$1,560	\$1,696	\$164	\$12,630
Hale	\$53,783	\$560	\$1,790	\$1,513	\$139	\$57,785
Henry	\$2,052	\$112	\$2,486	\$832	\$23	\$5,504
Houston	\$499	\$26	\$716	\$283	\$2	\$1,527
Jackson	\$493	\$2,925	\$240	\$1,901	\$0	\$5,559
Jefferson	\$2,251	\$355	\$1,027	\$1,051	\$0	\$4,684
Lamar	\$7,811	\$374	\$1,012	\$1,048	\$215	\$10,461
Lauderdale	\$202	\$478	\$222	\$437	\$0	\$1,340
Lawrence	\$625	\$175	\$568	\$804	\$0	\$2,171
Lee	\$4,212	\$206	\$2,834	\$553	\$10	\$7,816
Limestone	\$51	\$62	\$29	\$219	\$0	\$361
Lowndes	\$5,655	\$302	\$2,446	\$1,186	\$54	\$9,642
Macon	\$3,014	\$540	\$2,469	\$1,008	\$7	\$7,039
Madison	\$549	\$376	\$156	\$330	\$0	\$1,410
Marengo	\$9,849	\$4,308	\$2,472	\$2,457	\$513	\$19,599
Marion	\$4,739	\$907	\$2,257	\$1,244	\$6	\$9,152
Marshall	\$574	\$173	\$243	\$598	\$0	\$1,587
Mobile	\$6,138	\$24	\$2,089	\$1,094	\$605	\$9,949
Monroe	\$16,822	\$1,169	\$4,661	\$2,825	\$685	\$26,163
Montgomery	\$2,637	\$641	\$1,323	\$1,009	\$32	\$5,642
Morgan	\$486	\$143	\$240	\$411	\$0	\$1,280
Perry	\$8,845	\$815	\$2,494	\$1,788	\$40	\$13,981
Pickens	\$6,580	\$2,243	\$710	\$3,469	\$26	\$13,029
Pike	\$2,521	\$363	\$2,380	\$827	\$40	\$6,131
Randolph	\$2,627	\$142	\$1,463	\$2,709	\$15	\$6,957
Russell	\$3,047	\$130	\$3,989	\$585	\$0	\$7,750
Shelby	\$4,771	\$269	\$2,208	\$1,448	\$0	\$8,696
St Clair	\$2,717	\$102	\$1,144	\$579	\$0	\$4,542
Sumter	\$4,531	\$1,736	\$3,037	\$2,858	\$506	\$12,667
Talladega	\$2,529	\$116	\$2,421	\$639	\$0	\$5,705
Tallapoosa	\$8,321	\$319	\$3,404	\$1,828	\$7	\$13,878
Tuscaloosa	\$4,733	\$1,113	\$1,735	\$3,121	\$44	\$10,745
Walker	\$3,770	\$420	\$1,668	\$1,040	\$125	\$7,023
Washington	\$12,257	\$902	\$4,785	\$2,366	\$1,194	\$21,504
Wilcox	\$19,622	\$1,268	\$2,961	\$1,353	\$453	\$25,655
Winston	\$1,911	\$1,252	\$1,167	\$491	\$0	\$4,821
<b>Total</b>	<b>\$390,243</b>	<b>\$42,116</b>	<b>\$144,455</b>	<b>\$84,383</b>	<b>\$18,265</b>	<b>\$679,462</b>

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.**

## Forest Products Percentage of Total Stumpage Value



## 2007 Timber and other Agricultural Commodities Rankings

- Timber ranks second in production of all agricultural commodities and accounts for 17.2% 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	2003	2004	2005	2006	2007	2007 % of Total	2007 Ranking
<i>Thousand Dollars</i>							
Broilers	\$1,837,700	\$2,407,000	\$2,409,600	\$2,047,800	\$2,400,300	52.3%	1
<b>Forest Products*</b>	<b>\$808,500</b>	<b>\$969,500</b>	<b>\$830,800</b>	<b>\$970,000</b>	<b>\$791,000</b>	<b>17.2%</b>	<b>2</b>
Cattle and Calves	\$425,900	\$469,300	\$462,900	\$399,500	\$431,400	9.4%	3
Eggs	\$295,100	\$288,000	\$281,600	\$296,000	\$314,300	6.9%	5
Greenhouse, Sod, & Nursery	\$257,500	\$264,400	\$276,100	\$375,300	\$340,400	7.4%	4
Cotton	\$290,500	\$149,100	\$257,600	\$146,300	\$141,800	3.1%	6
Peanuts	\$ 93,100	\$ 99,200	\$101,200	\$ 68,500	\$73,500	1.6%	8
Catfish	\$ 85,200	\$101,200	\$ 97,600	\$ 99,000	\$94,500	2.1%	7
<b>Total Value All Commodities</b>	<b>\$4,093,500</b>	<b>\$4,747,700</b>	<b>\$4,717,400</b>	<b>\$4,402,400</b>	<b>\$4,587,200</b>	<b>100.0%</b>	

### Reference:

[http://www.nass.usda.gov/Statistics\\_by\\_State/Alabama/Publications/Annual\\_Statistical\\_Bulletin/2008/2008AlabamaAgricultureStatistics.pdf](http://www.nass.usda.gov/Statistics_by_State/Alabama/Publications/Annual_Statistical_Bulletin/2008/2008AlabamaAgricultureStatistics.pdf)

## 2008 Forest Products Investments in New & Expanding Businesses

- During 2008, there were 24 announcements of new and expanding businesses; 7 less than in 2007.
- A total of 896 jobs were created which is 351 more than were created from new and expanding businesses in 2007.
- The money invested in the 24 new and expanding industries amounted to \$90.5 million which is \$129.5 million less than that invested in 2007 by the forest industry.

### **ALABAMA'S WOOD-RELATED NEW AND EXPANDING INDUSTRY ANNOUNCEMENTS - 2008**

*Source: Alabama Development Office*

<b>NEW/EXP</b>	<b>COMPANY</b>	<b>CITY</b>	<b>COUNTY</b>	<b>JOBS</b>	<b>INVESTMENT</b>	<b>NAICS</b>	<b>PRODUCT</b>
New	Lone Star Forest Products	Fayette	Fayette	60	\$5,500,000.00	321113	Sawmill & Lumber
Exp	Wholesale Wood Products	Dothan	Houston	20	\$1,200,000.00	321912	West Coast Lumber
Exp	I-Core Composites LLC	Cullman	Cullman	8	\$900,000.00	321912	Balsa Wood Core Material
New	Castleberry Wood Products LLC	Castleberry	Conecuh	12	\$1,000,000.00	321912	Crossties; Hardwood Lumber
Exp	Southern Cypress and Lumber	Frisco City	Monroe	10	\$4,500,000.00	321113	Cypress Lumber
Exp	Overseas Hardwood Company	Mobile	Mobile	5	\$150,000.00	321918	Truck Trailer Flooring & Residential Decking
Exp	Pomeroy Lumber Products Inc	Eufaula	Barbour	0	\$35,000.00	321918	Hardwood Flooring
New	Quality Mill Products	Altoona	Blount	150	\$2,100,000.00	321918	Cabinetry, Railings, Doors & Panels
New	Crescent Hardwood Supply	Spanish Fort	Baldwin	8	\$1,000,000.00	321911	Hardwood Flooring Distribution
Exp	Austell Forest Products	Gordo	Pickens	15	\$200,000.00	321911	Architectural Millwork
Exp	Cullman Cabinet and Supply Company	Cullman	Cullman	0	\$100,000.00	337110	Cabinet Doors, Laminate Counter Tops
Exp	Huntsville American Cabinets Inc	Huntsville	Madison	4	\$0.00	337110	Wood Cabinets
New	National Building Components	Ozark	Dale	20	\$0.00	321224	Trusses
New	Alliance Composites Alabama	Selma	Dallas	175	\$25,000,000.00	321991	Composite Container Panels for Housing
New	Dixie Green Pellets	Jackson	Clarke	100	\$6,000,000.00	321999	Wood Pellets from Wood Waste
Exp	Moldwood Products Company	York	Sumter	15	\$7,000,000.00	339999	Molded Wood Plugs
Exp	Perfection Cabinetry LLC	Vinemont	Cullman	0	\$10,000.00	337125	Euro Melamine/Laminate Cabinets
Exp	Steelcase Inc	Athens	Limestone	250	\$15,200,000.00	337214	Office Furniture
Exp	SCA Tissue - Barton Operations	Cherokee	Colbert	8	\$13,955,749.00	322121	Sanitary Tissue Paper Products
Exp	Altex Packaging Inc	Anniston	Calhoun	18	\$3,000,000.00	322211	Corrugated & Solid Fiber Boxes
Exp	Packaging Materials Company	Madison	Madison	10	\$0.00	322211	Corrugated & Solid Fiber Boxes
Exp	Gulf Packaging Inc	Bay Minette	Baldwin	8	\$2,250,000.00	322211	Corrugated Shipping Containers
Exp	Rusken Packaging Inc	Cullman	Cullman	0	\$1,418,000.00	322211	Corrugated Boxes
Exp	Loparex, Inc	Cullman	Cullman	0	\$50,000.00	322222	Coated Paper/Paper Converting

## 2008 \*FIA Timberland Acreage Statistics

- Alabama timberland covers 22.7 million acres, the third largest commercial forestland in the nation.
- Approximately 94% of Alabama's timberland is privately owned (14% is owned by forest industry and 80% by private individuals). Only 6% of timberland is publicly owned.
- Alabama forests are comprised of 44% hardwood stands, 41% pine stands, and 15% mixed pine/hardwood stands.
- 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

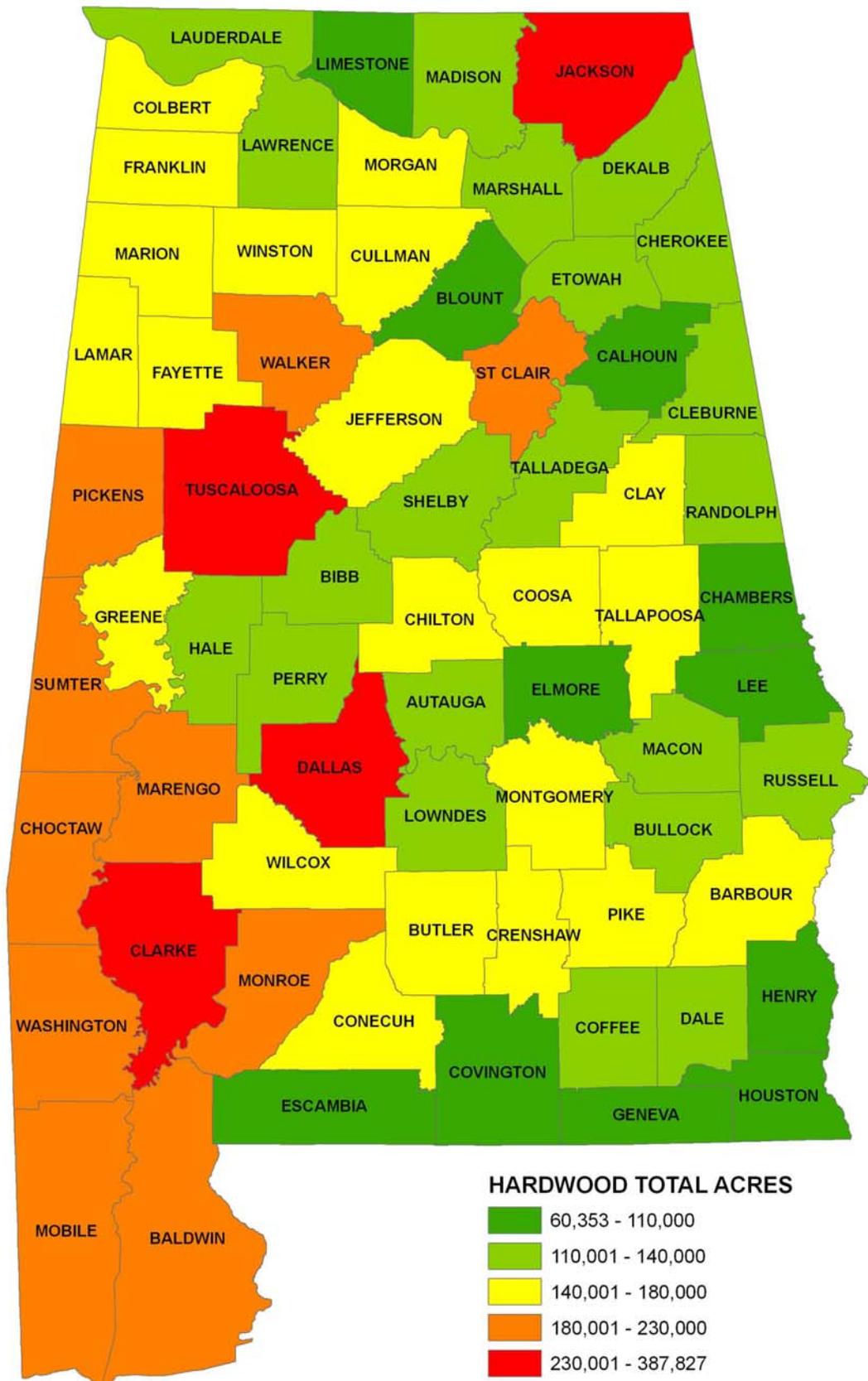
County	Total	Softwoods	Oak-Pine	Hardwoods
<b>Acres</b>				
Autauga	302,634	157,994	33,798	110,842
Baldwin	710,587	379,214	127,691	203,682
Barbour	426,523	196,266	69,368	160,889
Bibb	314,430	126,887	65,804	121,739
Blount	203,888	78,463	40,982	84,443
Bullock	321,541	163,420	40,225	117,896
Butler	398,269	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

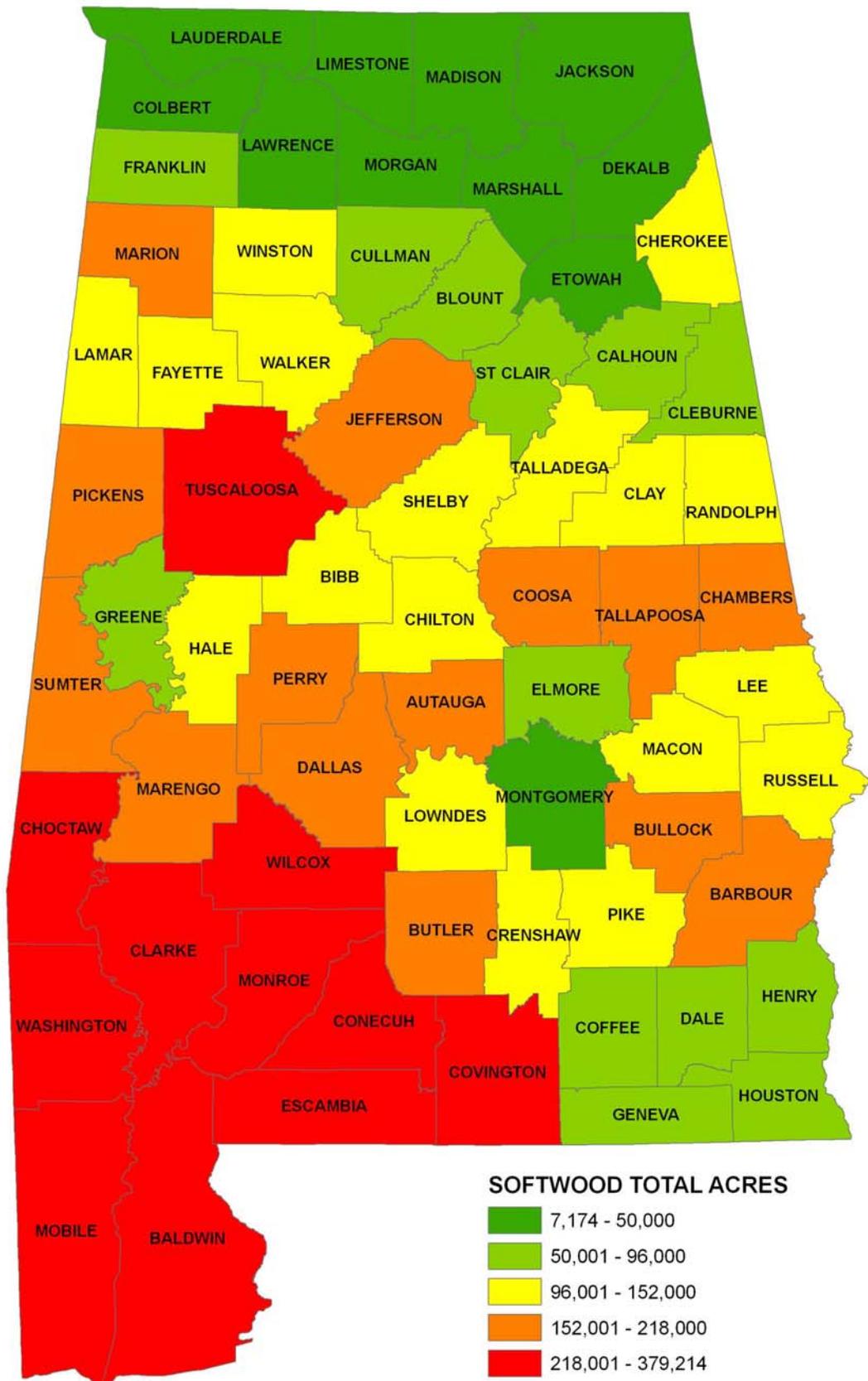
Hale	283,149	100,287	56,069	126,793
Henry	232,265	90,624	38,629	103,012
Houston	180,374	68,124	51,897	60,353
Jackson	434,156	27,033	19,296	387,827
Jefferson	424,308	179,580	103,250	141,478
Lamar	331,235	115,743	37,475	178,017
Lauderdale	166,878	28,312	6,739	131,827
Lawrence	197,092	38,852	33,749	124,491
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	110,542
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
<b>Total</b>	<b>22,700,148</b>	<b>9,415,809</b>	<b>3,378,806</b>	<b>9,905,533</b>

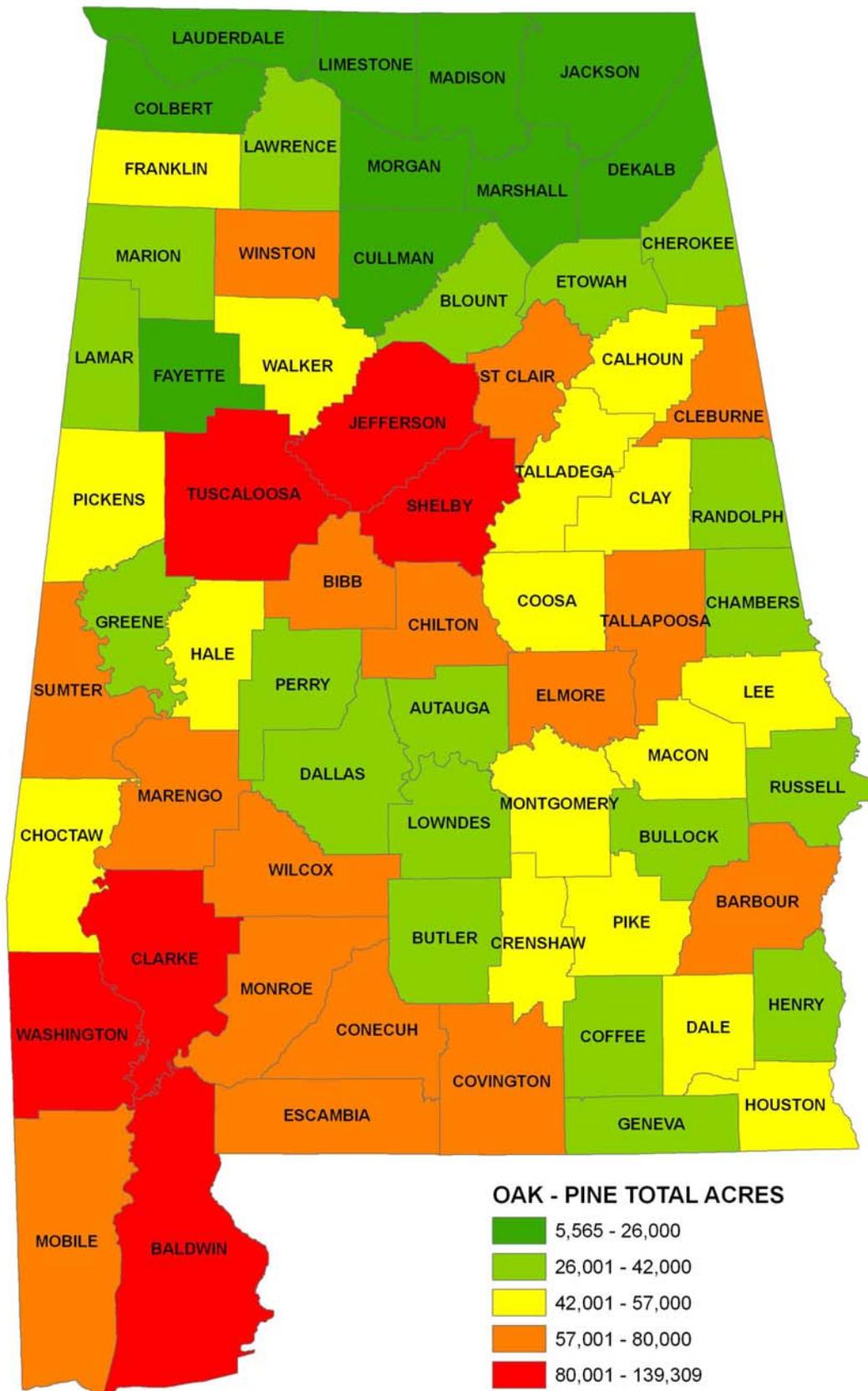
**NOTES:** A very small portion (1%) of timberland acres is classified as “non-stocked” by Forest Inventory & Analysis (FIA) guidelines. The “non-stocked” acres have been included in the “oak-pine” category.

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.

**\*Note: FIA data is statistically valid at the State and Sub Basin 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
<b>Acres</b>				
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
<b>Total</b>	<b>22,700,148</b>	<b>9,962,962</b>	<b>6,167,101</b>	<b>6,570,085</b>

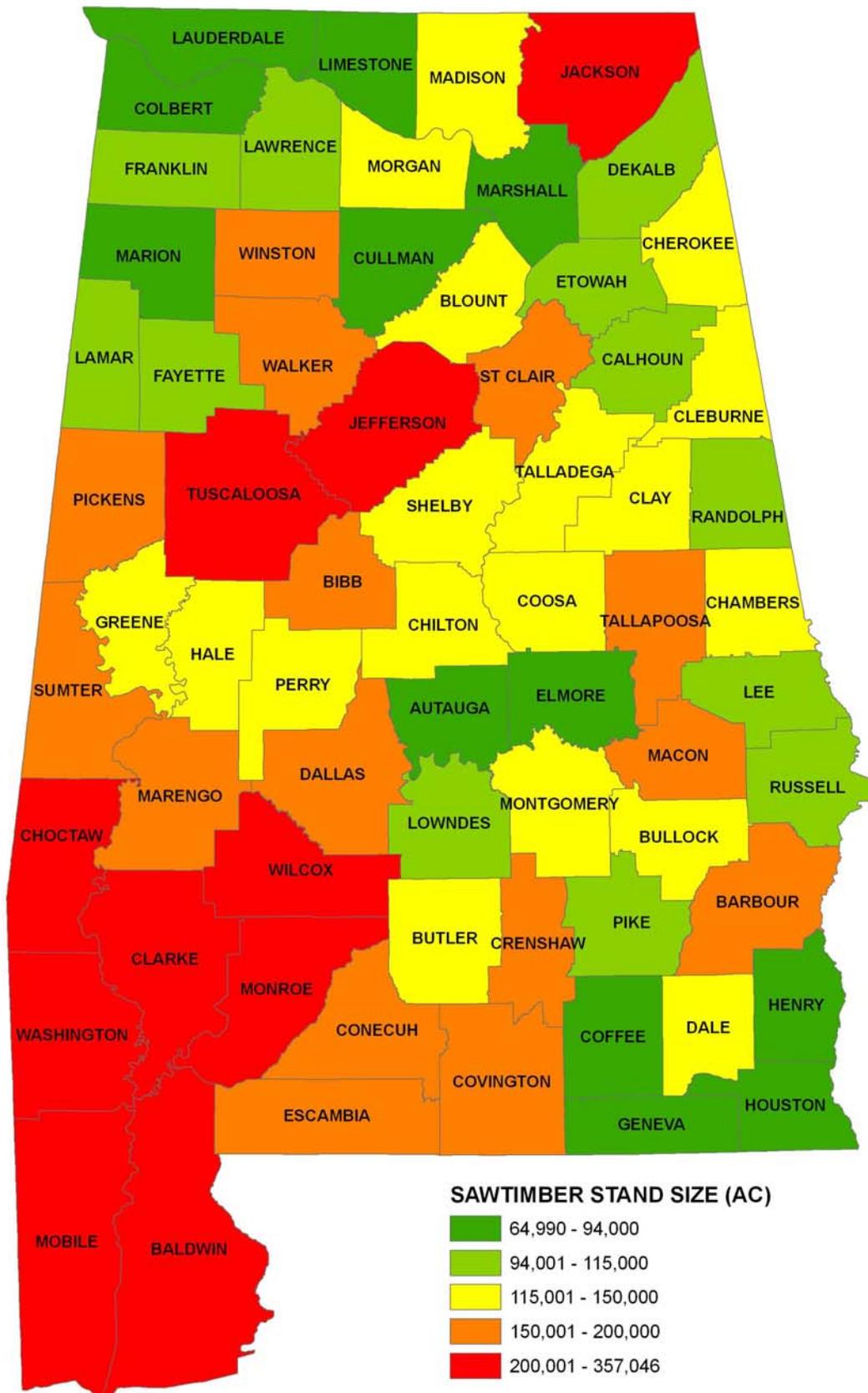
NOTES: “Sawtimber” refers to stands in which the majority of the dominant and co-dominant trees are 9.0” DBH and greater for softwood forest types and 11.0” DBH and greater for hardwood forest types. \*\*See the exception listed below in the “Seedling/Sapling” definition\*\*

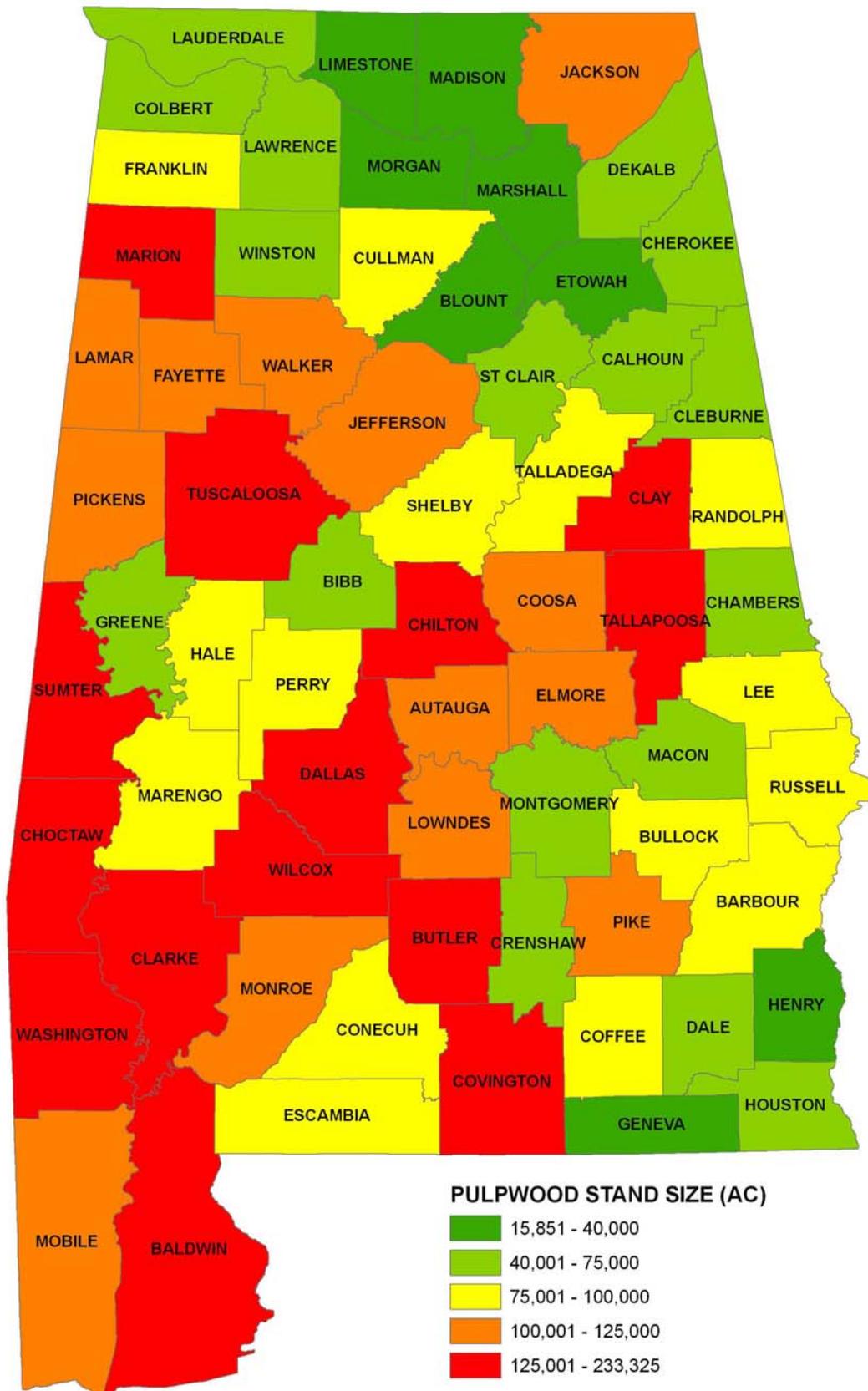
“Pulpwood” refers to stands in which the majority of the dominant and co-dominant trees are between 5.0” and 8.9” DBH for softwood forest types and between 5.0” and 10.9” DBH for hardwood forest types. \*\*See the exception listed below in the “Seedling/Sapling” definition\*\*

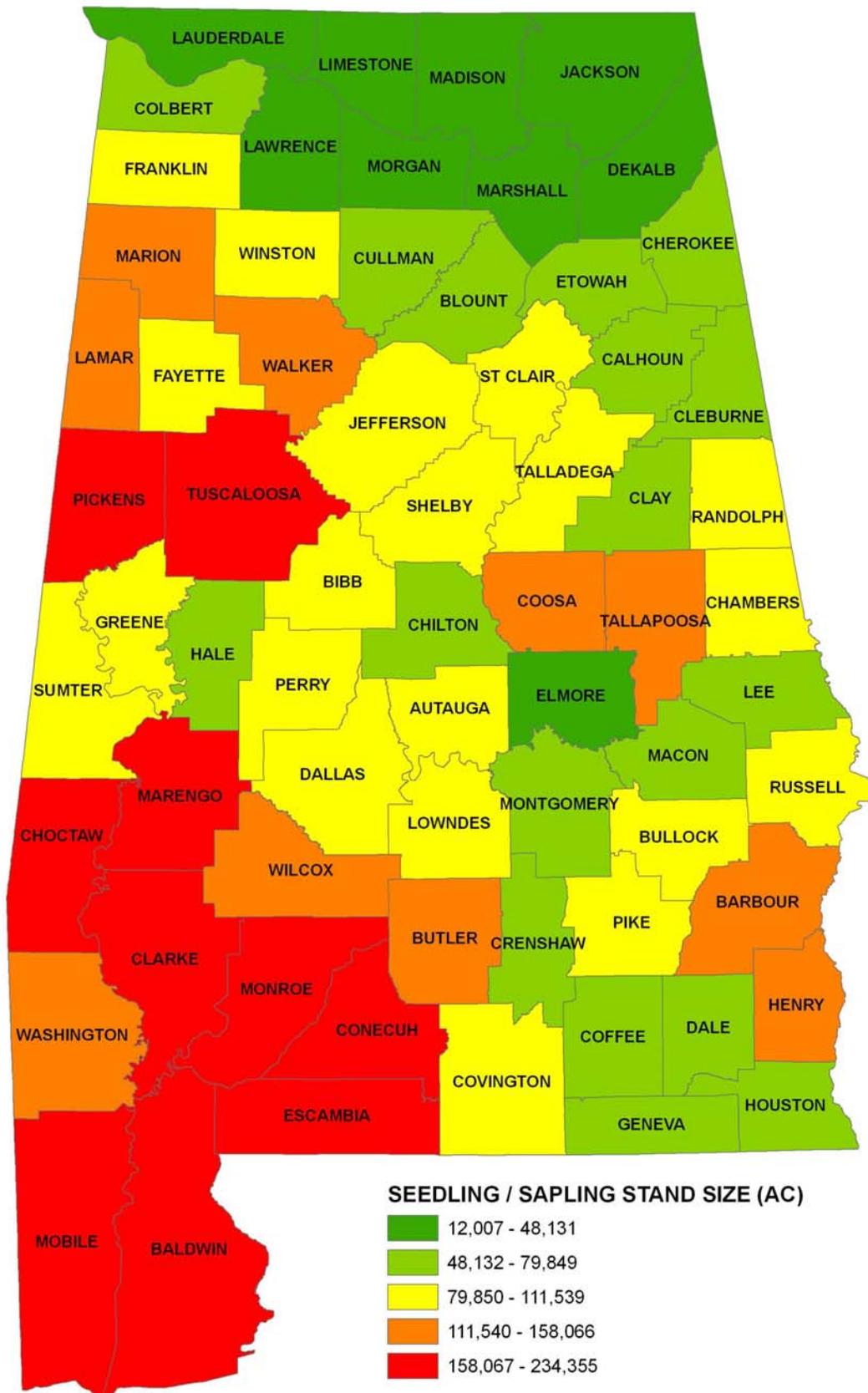
“Seedling/Sapling” refers to stands in which 2/3 of the crown cover consists of trees less than 5.0” DBH. \*\*It is possible to have a stand in which the majority of the dominant and co-dominant trees are less than 5.0” DBH, yet the stand is classified as pulpwood or sawtimber due to the amount of crown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







## 2008 FIA Timberland Inventory Statistics

- 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.
- 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.
- 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.
- Since 2000 total growing stock volume has increased by 5%.
- There are approximately 8.5 million green tons of recoverable biomass from logging operation sites annually in Alabama.
- Approximately 5.0 million acres (22%) 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

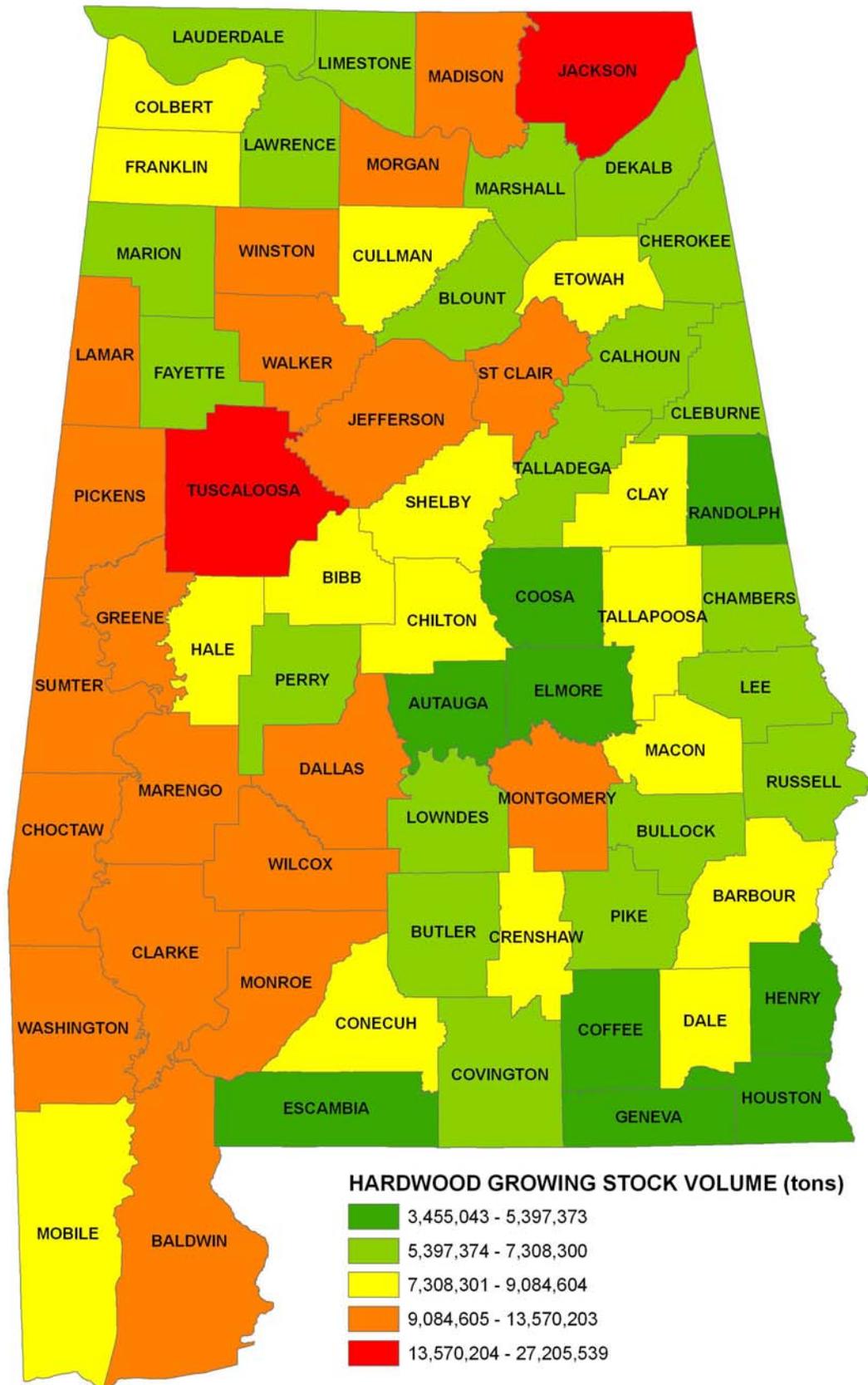
County Name	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	9,991,740	4,666,103	5,325,637
Baldwin	32,051,244	18,481,041	13,570,203
Barbour	17,509,317	9,463,062	8,046,255
Bibb	18,346,624	9,287,274	9,059,349
Blount	10,525,248	4,356,530	6,168,718
Bullock	13,871,409	7,523,292	6,348,118
Butler	14,984,388	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

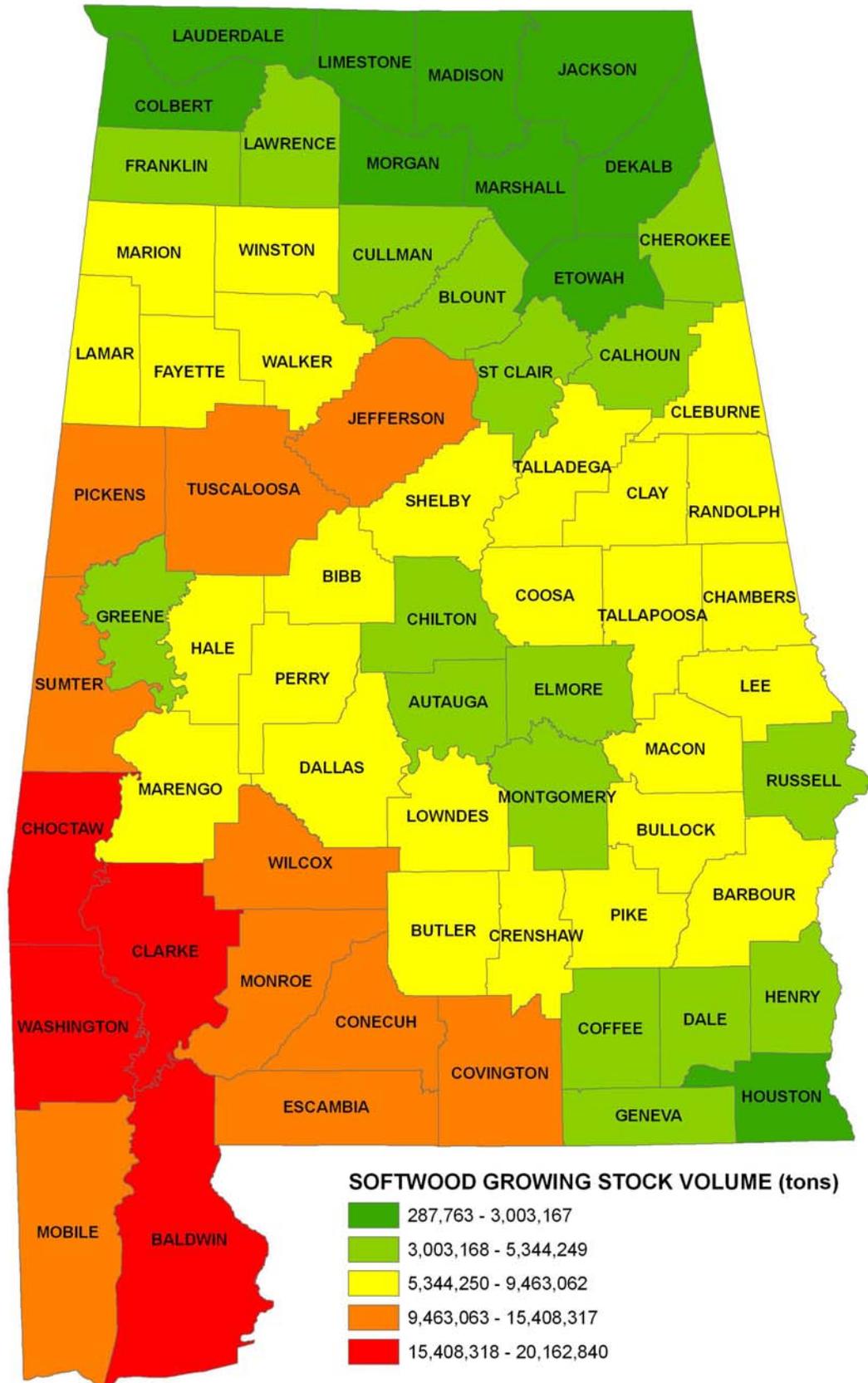
Covington	19,323,257	13,507,204	5,816,052
Crenshaw	17,680,867	9,271,446	8,409,421
Cullman	11,741,070	3,463,258	8,277,812
Dale	12,601,037	4,557,645	8,043,391
Dallas	19,979,891	7,825,640	12,154,250
DeKalb	8,745,099	2,700,753	6,044,347
Elmore	9,524,688	4,579,507	4,945,181
Escambia	15,856,221	11,314,878	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
<b>Total</b>	<b>1,068,496,755</b>	<b>495,749,483</b>	<b>572,747,272</b>

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

“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.





ANNUAL NET GROWTH OF GROWING STOCK

(2001 – 2008)

County Name	Total	Softwoods	Hardwoods
<b>Tons</b>			
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
<b>Total</b>	<b>56,565,707</b>	<b>37,870,442</b>	<b>18,695,265</b>

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

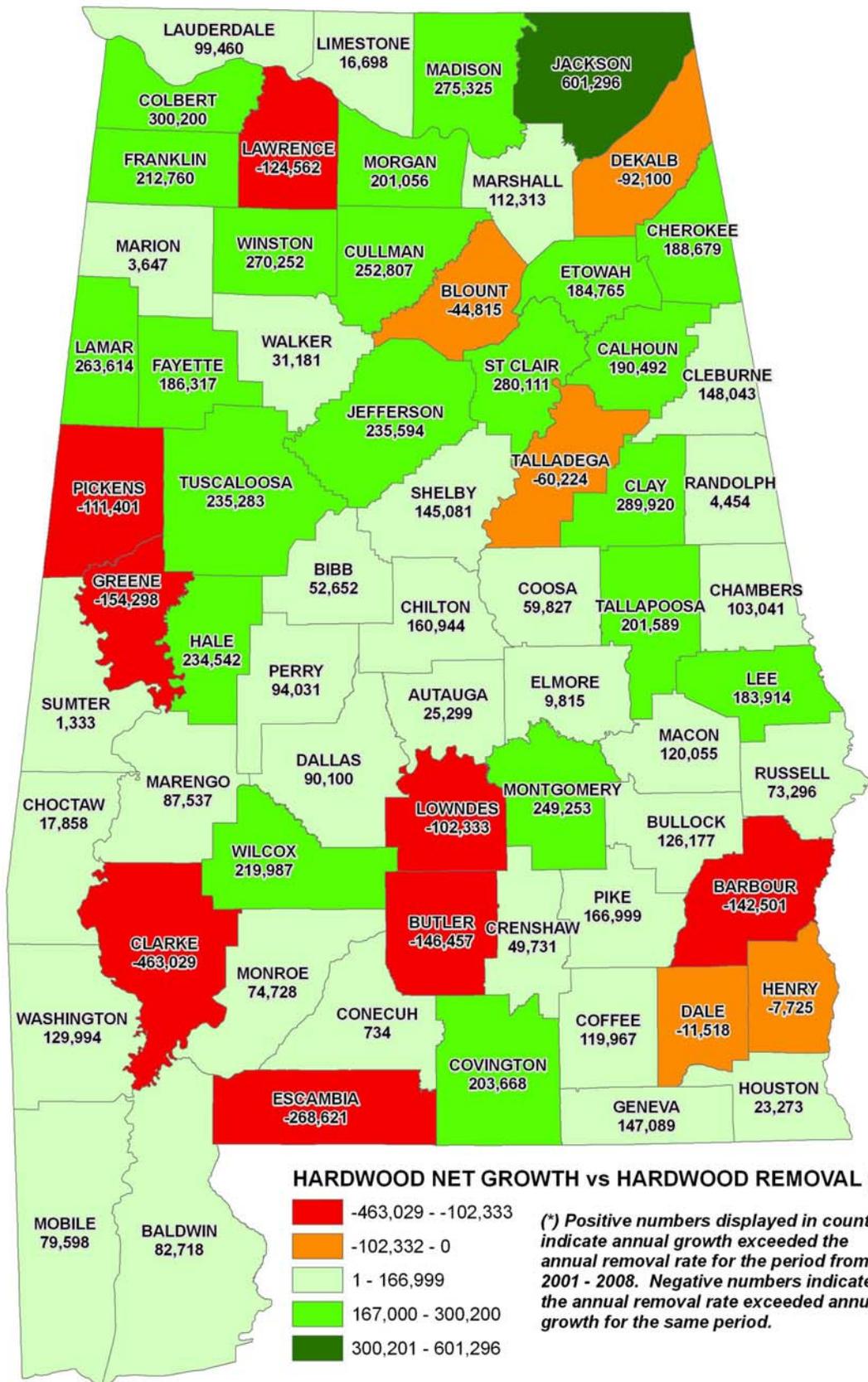
## ANNUAL REMOVALS OF GROWING STOCK

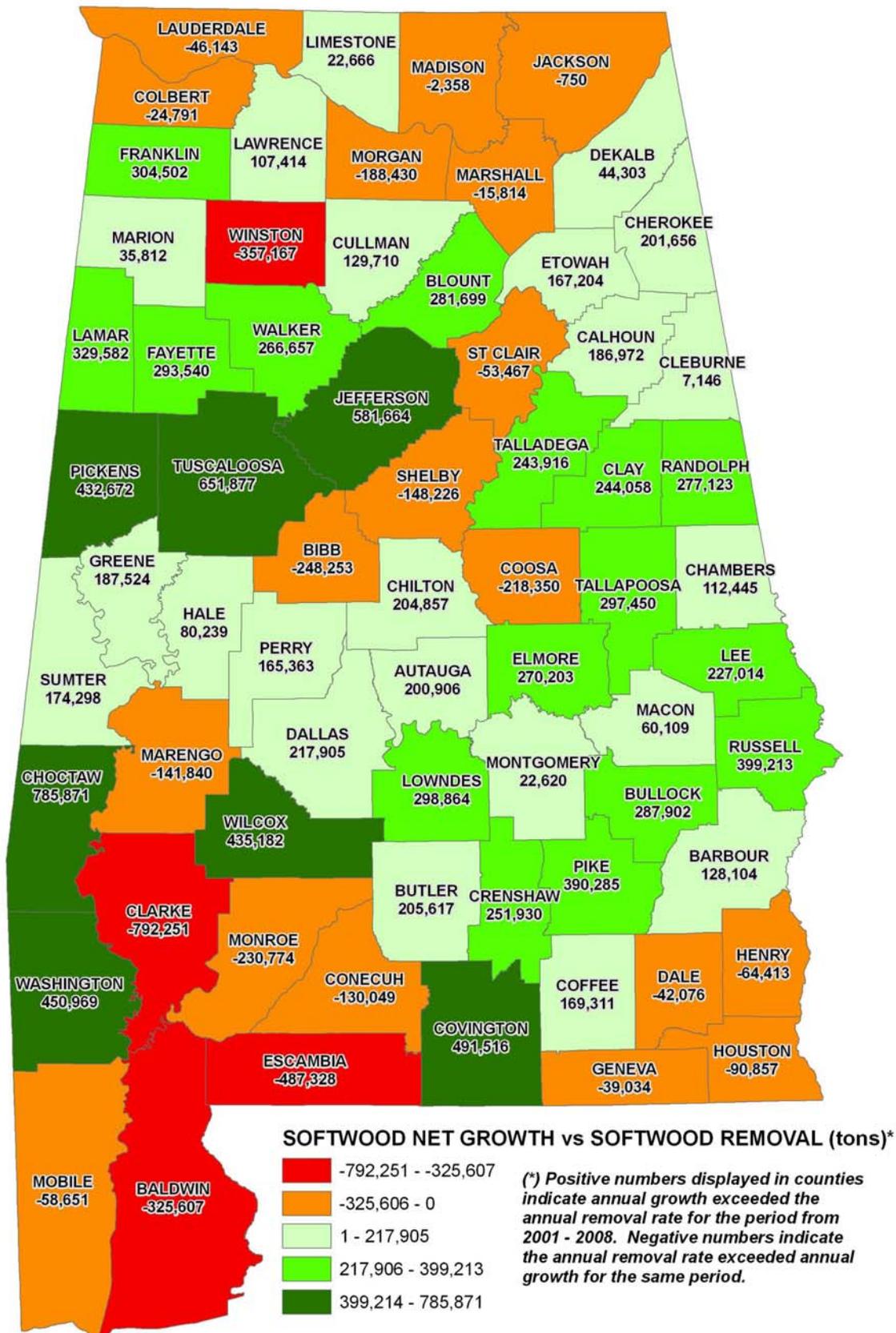
(2001 – 2008)

County Name	Total	Softwoods	Hardwoods
<b>Tons</b>			
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
<b>Total</b>	<b>42,756,952</b>	<b>30,251,201</b>	<b>12,505,750</b>

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





## **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
- E. Conversion to tons: 28.6 cubic feet per ton

### **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
- D. Conversion to tons: 26.3 cubic feet per ton

### **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**

## **REFERENCES**

Alabama Department of Revenue and Finance Department

Alabama Development Office - Website Address: [www.ado.state.al.us](http://www.ado.state.al.us)

Forest Inventory & Analysis (FIA) Mapmaker - Website address:  
<http://srsfia2.fs.fed.us/data/index.shtml>

Timber Mart-South - Website address: [www.timbermart-south.com](http://www.timbermart-south.com)

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