



FOREST RESOURCE REPORT 2015

ALABAMA FORESTRY COMMISSION

**513 Madison Avenue
Montgomery, Al 36130
(334) 240-9300**

www.forestry.alabama.gov

The Alabama Forestry Commission is an equal opportunity employer and provider. In accordance with federal law and Alabama Forestry Commission policy, this agency does not discriminate on the basis of race, color, national origin, sex, age, or disability.

FOREST RESOURCE REPORT 2015

By
Alabama Forestry Commission (AFC)

This report contains several economic status indicators of the forest resources and forest industry in Alabama for 2015. Included in this report are the following indicators:

- 2015 Timberland Acreage by Forest Type and AFC Region
- 2015 Timberland Acreage by Forest Stand Size and AFC Region
- 2015 Timber Volume by Species and AFC Region
- 2015 Average Annual Net Timber Growth by Major Species Group and AFC Region
- 2015 Average Annual Timber Harvest Removals by Major Species Group and AFC Region
- 2015 Timber Harvests Volume by County
- 2015 Timber Price Trends
- 2014 Timber and other Agricultural Commodities Rankings (*latest statistics available*)
- 2013 Forest Industry Statistics (*latest statistics available*)
- 2015 Forest Products Investments in New & Expanding Businesses

ALABAMA'S FOREST RESOURCE

Timberland Acreage

- Alabama timberland covers 23.0 million acres, the third largest commercial forestland in the nation.
- Approximately 94% of Alabama's timberland is privately-owned and 6% of timberland is publicly-owned. Forest industries (companies that own a wood-processing plant) own approximately 6% of Alabama's timberland while 88% is owned by the non-industrial private sector.
- Alabama forests are comprised of 44% softwood stands (mostly pine), 43% hardwood stands and 13% mixed hardwood/pine stands.

TIMBERLAND ACRES BY FOREST TYPE - NORTH REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
<i>Acres</i>				
Colbert	219,907	42,006	18,503	159,398
DeKalb	178,318	52,224	24,285	101,809
Franklin	300,973	100,326	36,171	164,476
Jackson	437,413	24,795	27,028	385,590
Lauderdale	178,446	31,136	3,878	143,432
Lawrence	209,498	51,959	28,733	128,806
Limestone	95,074	2,426	2,973	89,675
Madison	194,744	33,140	23,061	138,543
Marion	367,370	195,170	34,074	138,126
Marshall	146,434	31,386	16,517	98,531
Morgan	189,339	24,480	20,526	144,333
Winston	310,898	108,313	59,146	143,439
Total	2,828,414	697,361	294,895	1,836,158

TIMBERLAND ACRES BY FOREST TYPE - NORTHWEST REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
<i>Acres</i>				
Bibb	322,966	138,752	70,239	113,975
Dallas	434,295	168,238	57,768	208,289
Fayette	341,842	159,294	48,489	134,059
Greene	331,089	137,040	35,622	158,427
Hale	284,277	134,176	20,232	129,869
Lamar	335,673	134,491	38,690	162,492
Perry	349,859	188,119	51,472	110,268
Pickens	479,212	229,063	59,307	190,842
Sumter	448,220	202,986	47,456	197,778
Tuscaloosa	692,929	281,851	99,175	311,903
Walker	391,689	161,195	65,418	165,076
Total	4,412,051	1,935,205	593,868	1,882,978

TIMBERLAND ACRES BY FOREST TYPE - NORTHEAST REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
Acres				
Blount	235,702	107,347	33,567	94,788
Calhoun	194,731	64,013	36,691	94,027
Cherokee	251,400	91,963	51,718	107,719
Clay	296,635	87,107	64,458	145,070
Cleburne	253,768	100,754	48,108	104,906
Cullman	240,812	68,582	23,279	148,951
Etowah	185,904	61,506	40,831	83,567
Jefferson	398,162	167,128	72,445	158,589
Randolph	282,019	128,830	31,164	122,025
St. Clair	305,946	97,135	66,391	142,420
Shelby	348,741	175,288	41,738	131,715
Talladega	304,112	143,971	42,219	117,922
Total	3,297,932	1,293,624	552,609	1,451,699

TIMBERLAND ACRES BY FOREST TYPE - EAST CENTRAL REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
Acres				
Autauga	308,576	166,845	16,023	125,708
Chambers	309,036	188,389	17,659	102,988
Chilton	318,088	108,969	54,772	154,347
Coosa	380,082	201,143	39,319	139,620
Elmore	251,102	117,127	35,274	98,701
Lee	252,997	134,869	48,828	69,300
Lowndes	313,421	146,480	45,081	121,860
Macon	330,505	141,213	47,166	142,126
Montgomery	254,979	58,809	45,154	151,016
Russell	305,246	141,182	31,489	132,575
Tallapoosa	393,199	193,342	62,293	137,564
Total	3,417,231	1,598,368	443,058	1,375,805

TIMBERLAND ACRES BY FOREST TYPE - SOUTHWEST REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
Acres				
Baldwin	729,134	390,852	112,766	225,516
Choctaw	529,357	271,648	79,075	178,634
Clarke	745,649	408,475	108,051	229,123
Conecuh	450,896	238,279	58,842	153,775
Escambia	474,760	294,666	54,802	125,292
Marengo	469,110	207,425	54,373	207,312
Mobile	502,532	228,653	39,804	234,075
Monroe	571,858	298,531	79,501	193,826
Washington	627,483	334,045	95,035	198,403
Wilcox	511,081	264,245	71,648	175,188
Total	5,611,860	2,936,819	753,897	1,921,144

TIMBERLAND ACRES BY FOREST TYPE - SOUTHEAST REGION

County	Total	Softwoods	Hardwood/Pine	Hardwoods
Acres				
Barbour	432,585	211,190	49,848	171,547
Bullock	323,744	144,825	58,687	120,232
Butler	412,222	237,280	39,985	134,957
Coffee	239,373	88,841	37,224	113,308
Covington	496,028	286,242	78,827	130,959
Crenshaw	315,209	145,946	34,074	135,189
Dale	260,066	94,506	40,926	124,634
Geneva	217,415	86,863	25,822	104,730
Henry	266,261	133,553	24,145	108,563
Houston	185,259	57,867	38,607	88,785
Pike	313,047	135,077	34,104	143,866
Total	3,461,209	1,622,190	462,249	1,376,770

NOTES: Statistics come from 2015 Forest Inventory & Analysis (FIA) data.

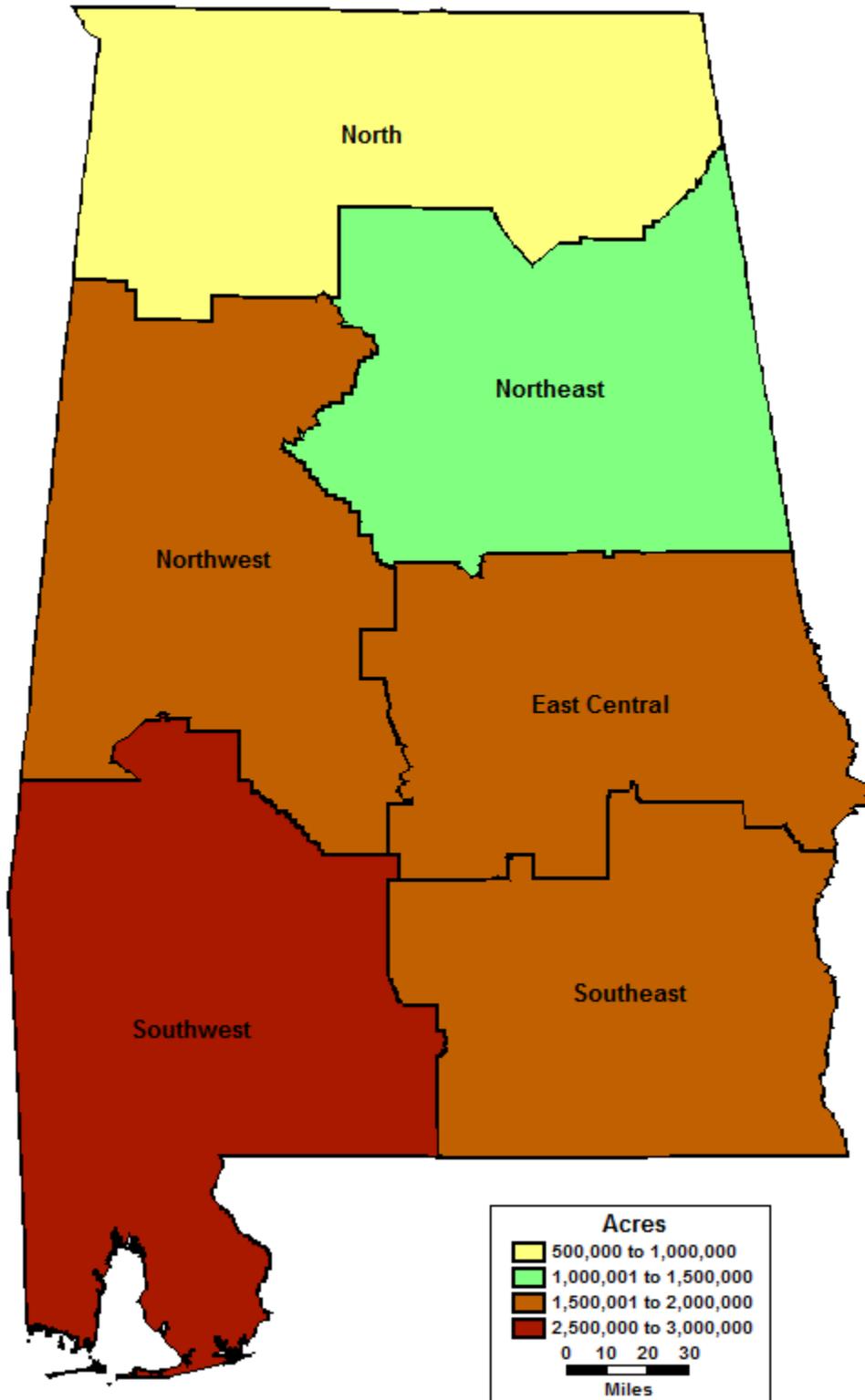
A very small portion (<1%) of timberland acreage is classified as “non-stocked” by FIA guidelines. The “non-stocked” acres have been included in the “hardwood/pine” category.

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.

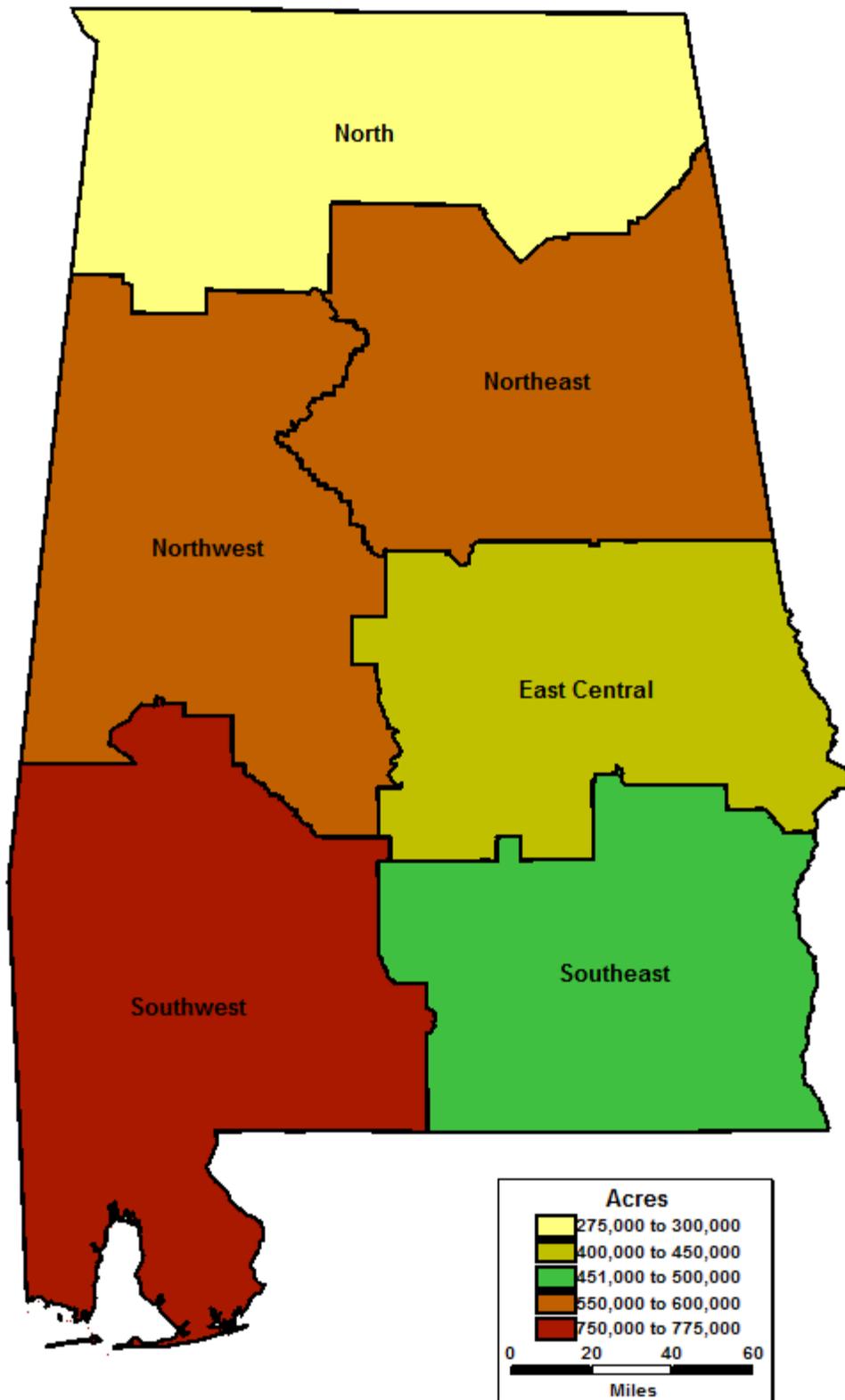
Numbers in rows and columns may not sum due to rounding.

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

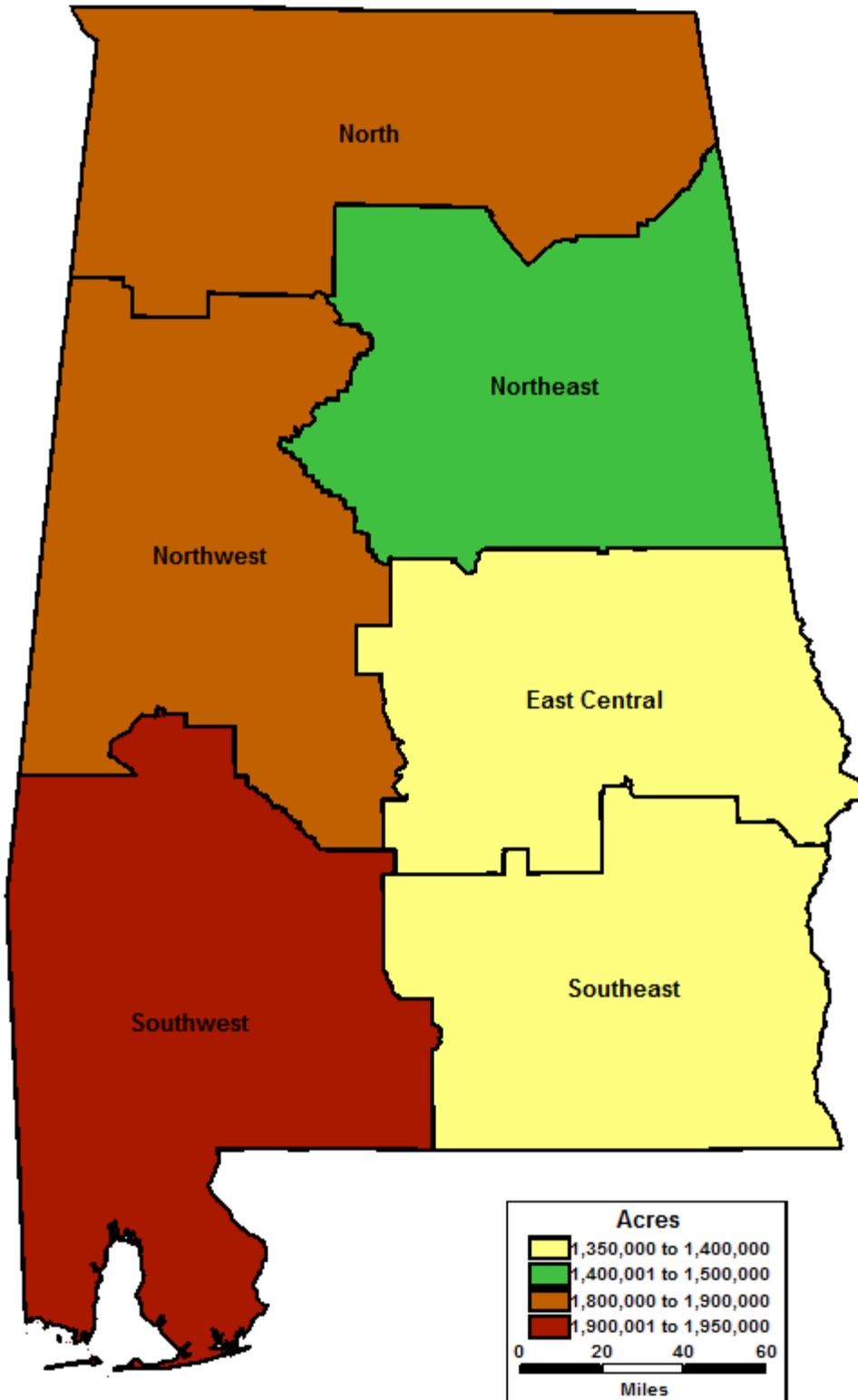
Timberland Acres by Region and Forest Type Group - SOFTWOODS



Timberland Acres by Region and Forest Type Group - HDWD/PINE MIX



Timberland Acres by Region and Forest Type Group - HARDWOODS



- Sawtimber-sized stands comprise 48% of Alabama’s timberland, while 28% of forest stands are comprised of mostly pulpwood-sized timber. Seedling/sapling-sized stands account for the remaining 24% of timberland acreage.

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTH REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Colbert	219,908	101,210	85,693	33,004
DeKalb	178,318	108,381	48,155	21,782
Franklin	300,974	124,401	126,256	50,317
Jackson	437,413	301,211	94,598	41,605
Lauderdale	178,446	95,266	62,454	20,726
Lawrence	209,498	112,946	61,097	35,455
Limestone	95,074	64,649	14,091	16,333
Madison	194,744	152,690	26,302	15,752
Marion	367,370	131,142	149,127	87,101
Marshall	146,434	99,969	16,887	29,579
Morgan	189,339	129,619	31,427	28,292
Winston	310,899	145,808	88,925	76,166
Total	2,828,417	1,567,292	805,012	456,112

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Bibb	322,965	158,195	74,401	90,370
Dallas	434,294	183,795	123,395	127,105
Fayette	341,842	109,593	134,260	97,989
Greene	331,088	174,851	63,009	93,228
Hale	284,278	161,946	59,379	62,953
Lamar	335,672	148,484	107,920	79,268
Perry	349,859	179,591	66,725	103,543
Pickens	479,211	186,965	136,086	156,160
Sumter	448,220	220,104	102,567	125,549
Tuscaloosa	692,929	358,825	173,869	160,236
Walker	391,689	191,268	113,349	87,073
Total	4,412,051	2,073,617	1,154,960	1,183,474

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Blount	235,702	110,310	65,660	59,731
Calhoun	194,730	108,572	40,882	45,277
Cherokee	251,399	130,006	54,383	67,011
Clay	296,635	148,388	105,767	42,480
Cleburne	253,768	153,773	60,691	39,305
Cullman	240,811	105,231	85,902	49,678
Etowah	185,903	120,221	30,826	34,857
Jefferson	398,161	205,058	115,723	77,379
Randolph	282,019	156,243	66,113	59,664
St. Clair	305,946	178,476	74,394	53,076
Shelby	348,741	172,679	111,849	64,214
Talladega	304,112	158,527	82,632	62,954
Total	3,297,932	1,747,484	894,822	655,626

TIMBERLAND ACRES BY FOREST STAND SIZE - EAST CENTRAL REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Autauga	308,577	115,655	111,462	81,460
Chambers	309,036	138,740	94,258	76,038
Chilton	318,088	138,265	114,735	65,088
Coosa	380,082	162,709	149,978	67,396
Elmore	251,102	147,073	70,217	33,813
Lee	252,998	138,011	71,974	43,013
Lowndes	313,421	173,520	84,551	55,350
Macon	330,506	208,102	43,739	78,664
Montgomery	254,978	155,653	32,253	67,072
Russell	305,245	126,676	103,002	75,567
Tallapoosa	393,198	183,685	148,608	60,905
Total	3,417,231	1,688,089	1,024,777	704,366

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Baldwin	729,134	309,191	244,838	175,104
Choctaw	529,356	236,833	112,923	179,601
Clarke	745,649	390,321	168,332	186,995
Conecuh	450,895	180,188	133,277	137,430
Escambia	474,759	114,121	133,687	226,952
Marengo	469,110	213,493	123,350	132,266
Mobile	502,531	217,712	107,252	177,567
Monroe	571,857	255,591	143,301	172,966
Washington	627,484	276,394	203,832	147,258
Wilcox	511,081	237,839	139,671	133,571
Total	5,611,856	2,431,683	1,510,463	1,669,710

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Barbour	432,585	199,974	110,273	122,338
Bullock	323,744	168,442	75,574	79,728
Butler	412,222	196,762	126,493	88,968
Coffee	239,373	83,809	92,814	62,750
Covington	496,027	229,678	158,650	107,698
Crenshaw	315,208	186,301	58,005	70,903
Dale	260,066	133,932	66,526	59,608
Geneva	217,414	96,721	74,481	46,212
Henry	266,260	89,728	99,920	76,612
Houston	185,259	92,391	59,466	33,401
Pike	313,046	159,457	78,423	75,167
Total	3,461,204	1,637,195	1,000,625	823,385

NOTES: Statistics come from 2015 Forest Inventory & Analysis (FIA) data.

“Sawtimber” refers to stands in which the majority of the crown cover consists of trees 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 crown cover consists of trees 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.

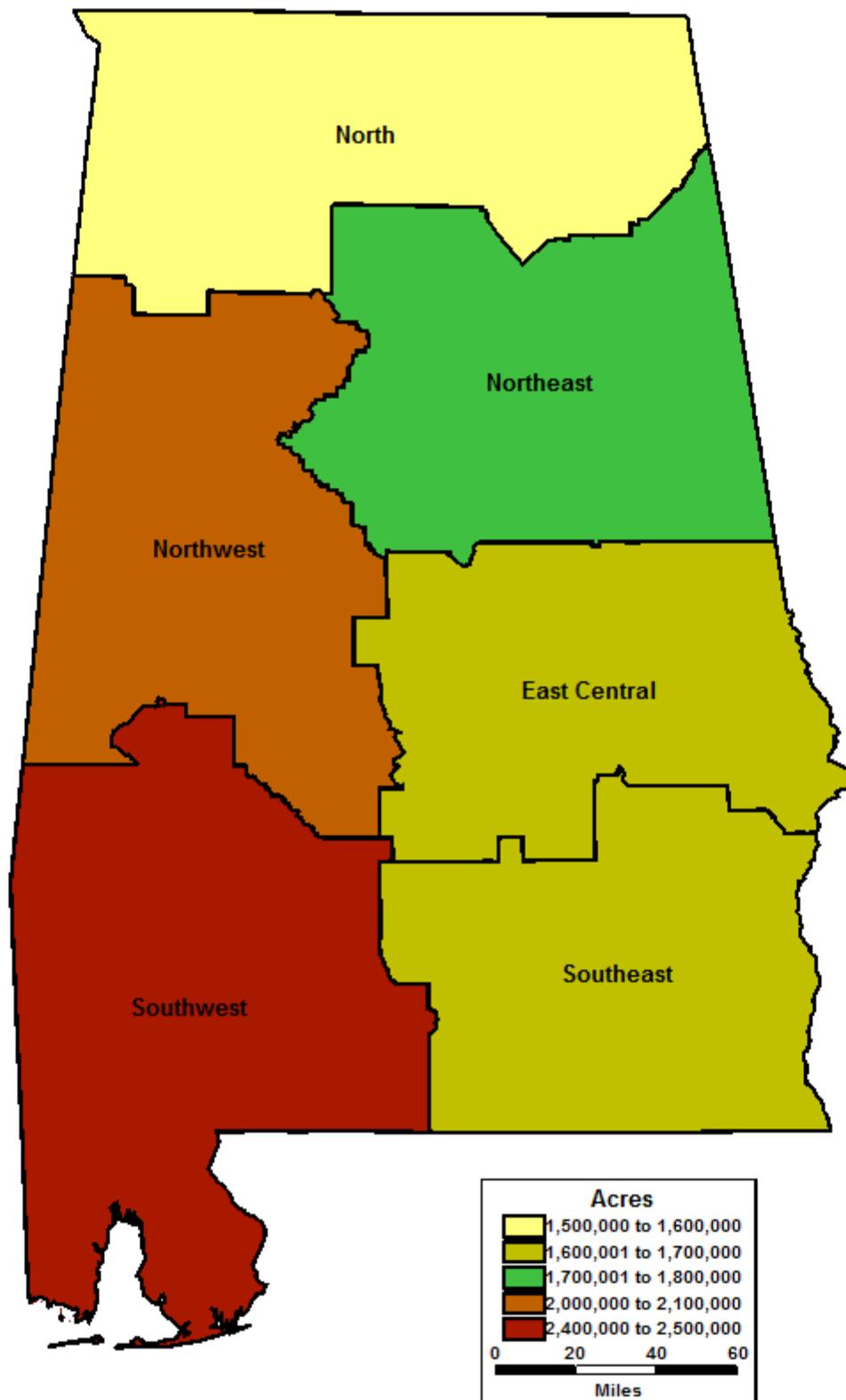
NOTE: In a stand where seedlings/saplings make up over 50% of the crown cover **but less than 67%, stand size is determined by the predominance of either pulpwood-sized trees or sawtimber-sized trees. EXAMPLE: In a two-storied pine shelterwood stand comprised of sawtimber and pulpwood-sized trees in the upper story (90% sawtimber-sized and 10% pulpwood-sized) and seedlings and saplings in the lower story, in which the lower story comprises 60% of the crown cover and the upper story comprises 40% of the crown cover, the stand size would be considered “sawtimber”.

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

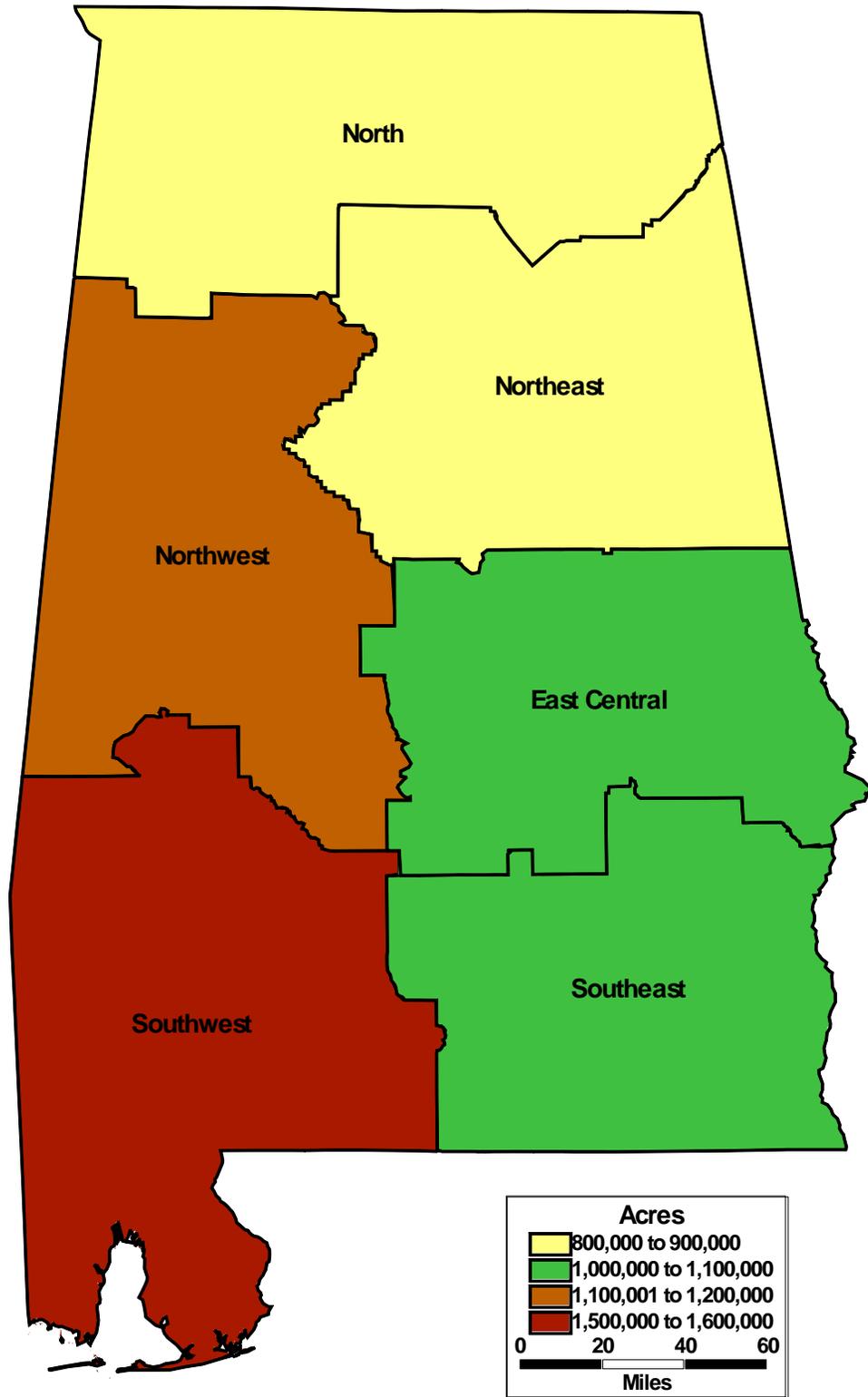
A tract of timberland is classified as “non-stocked” if at the time the FIA plot was inventoried there was <10% stocking of trees. This situation occurs on sites that have recently been clearcut.

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

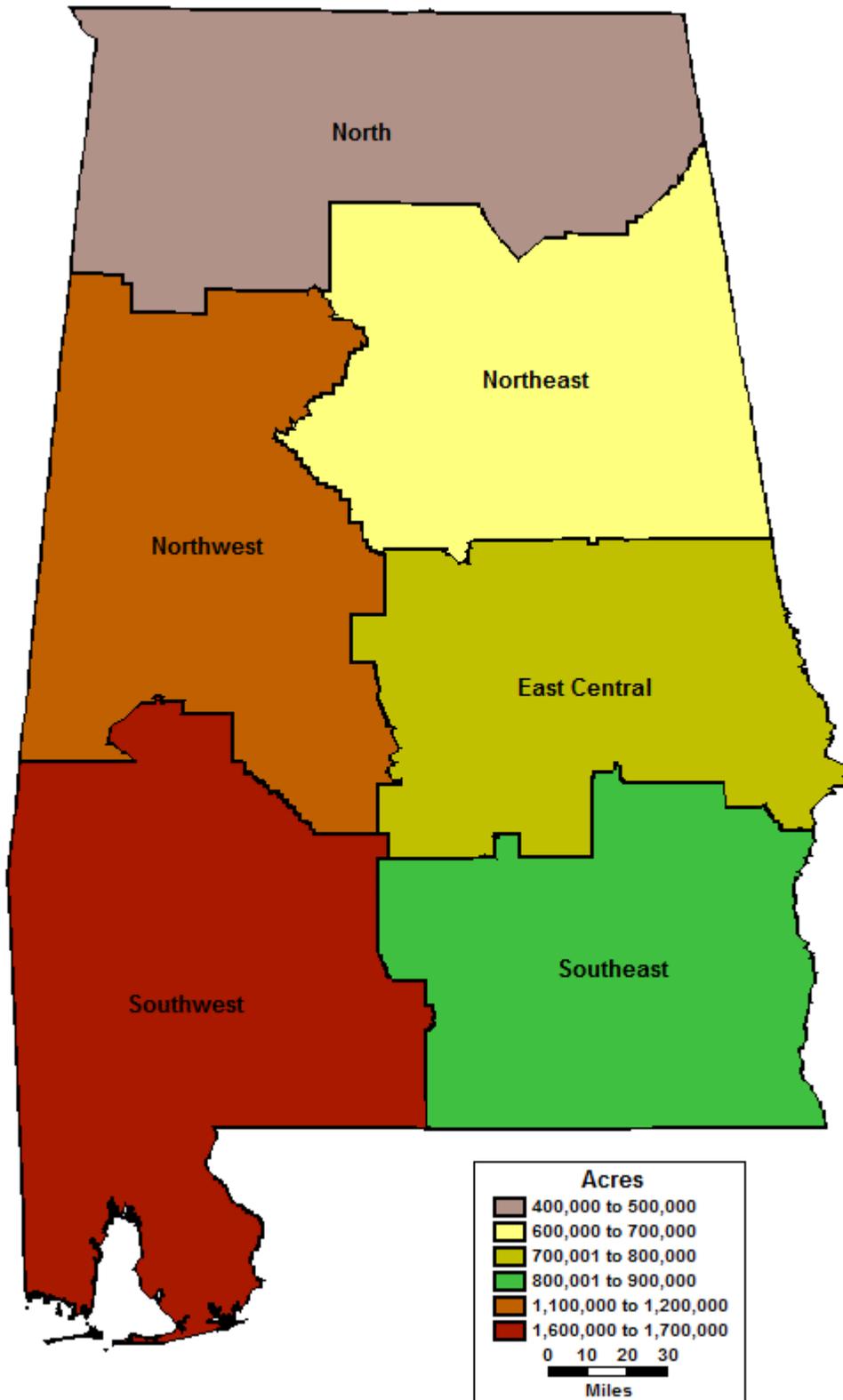
Timberland Acres by Region and Stand Size - SAWTIMBER



Timberland Acres by Region and Stand Size - PULPWOOD



Timberland Acres by Region and Stand Size - SEEDLING/SAPLING



Timber Volume

- There are 605.7 million tons of softwood growing stock volume and 586.5 million tons of hardwood growing stock volume in Alabama.
- **Alabama leads the nation in loblolly pine growing stock volume with 484.9 million tons.**
- Since 2000 total growing stock volume has increased 20.6%; softwood volume has increased 35.7% and hardwood volume has increased by 7.3%.
- There are approximately 969.9 million dry tons of live tree and sapling “biomass” found on timberland. Biomass is defined as the weight of solid wood and bark in live trees 1.0 DBH and larger from the ground to the tip of the tree. The weights of wood and bark in lateral limbs, secondary limbs, and twigs under 0.5 inch in diameter at the point of occurrence are included on saplings, but excluded on pulpwood and sawtimber-sized trees.
- The Southwest Region has more timber volume than any other region, and 19.6% more than the region that has the second highest volume amount (Northwest).
- The volume of softwood timber in the Southwest Region is considerably greater than any other single region; 50.8% more than the Northwest Region which ranks second.
- The North Region has the most hardwood volume; 11.5% more than the Northwest Region which ranks second.

NOTES: The following charts provide growing stock volume for **prominent species** (not all species) found in Alabama. “Growing stock” refers to high-quality trees capable of producing lumber, veneer, poles, or ties/timbers (currently or in the future) based on FIA specifications. “**Red Oak**” includes all species included in the red oak group and “**White Oak**” includes all species included in the white oak group.

GROWING STOCK VOLUME BY SPECIES - NORTH REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Colbert	2,409,449	1,238,373	3,182,084	1,358,188	695,692
DeKalb	1,342,227	2,009,717	2,397,881	609,897	1,134,919
Franklin	5,889,429	1,895,783	2,832,556	877,115	1,652,281
Jackson	482,746	5,245,706	8,259,017	1,473,816	3,379,570
Lauderdale	952,902	1,897,265	2,009,177	1,147,457	596,971
Lawrence	3,339,204	1,705,946	3,166,833	766,562	239,976
Limestone	471,219	1,522,267	646,719	603,023	990,493
Madison	2,571,606	3,110,245	2,003,195	2,056,458	977,963
Marion	10,237,966	1,117,336	1,994,327	683,436	981,993
Marshall	1,264,669	1,874,126	2,174,697	784,088	731,345
Morgan	2,450,739	2,451,803	3,015,763	2,330,769	1,633,029
Winston	5,178,682	1,424,617	4,045,162	816,806	1,931,097
Total	36,590,838	25,493,185	35,727,411	13,507,615	14,945,329

GROWING STOCK VOLUME BY SPECIES - NORTHWEST REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Bibb	7,818,020	3,130,279	2,037,325	1,562,284	1,252,745
Dallas	6,178,022	3,233,764	658,831	2,136,514	800,540
Fayette	7,440,771	949,053	1,063,140	1,547,012	1,936,858
Greene	6,941,557	2,364,442	1,414,870	1,939,988	719,623
Hale	5,655,378	1,982,441	924,599	1,430,021	506,116
Lamar	6,805,161	2,105,971	1,078,762	2,192,621	359,823
Perry	8,837,021	1,806,515	342,741	1,122,327	1,025,140
Pickens	10,542,551	3,106,076	1,730,138	2,294,548	2,162,917
Sumter	9,824,547	4,067,467	1,631,643	2,116,754	657,721
Tuscaloosa	16,849,964	5,062,031	4,138,132	3,942,984	1,930,976
Walker	8,707,826	2,109,478	3,062,201	2,120,111	1,125,889
Total	95,600,820	29,917,518	18,082,383	22,405,164	12,478,348

GROWING STOCK VOLUME BY SPECIES - NORTHEAST REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Blount	4,658,970	1,934,035	2,053,577	912,082	625,483
Calhoun	2,984,977	1,630,891	1,954,721	1,566,520	303,723
Cherokee	4,563,980	1,769,185	2,666,110	820,606	104,070
Clay	8,053,967	2,304,955	2,420,052	1,385,322	1,310,644
Cleburne	6,721,963	1,481,694	2,798,213	782,876	1,461,862
Cullman	3,927,105	1,346,414	1,829,300	1,042,828	2,392,413
Etowah	3,747,675	1,327,989	2,019,759	901,333	1,466,569
Jefferson	10,346,528	2,598,305	2,626,017	2,297,857	2,118,812
Randolph	8,297,253	1,387,113	1,309,432	1,049,789	2,453,142
St. Clair	7,435,687	2,942,790	3,227,936	1,678,207	1,052,748
Shelby	8,559,168	2,904,923	2,541,600	1,196,937	558,052
Talladega	9,407,660	2,027,146	1,133,800	964,004	745,010
Total	78,704,933	23,655,440	26,580,517	14,598,360	14,592,527

GROWING STOCK VOLUME BY SPECIES - EAST CENTRAL REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Autauga	6,803,978	1,541,034	602,841	893,572	1,084,530
Chambers	9,642,947	1,424,930	962,618	1,419,550	1,305,797
Chilton	6,291,367	1,976,687	1,390,210	1,099,756	1,401,785
Coosa	10,515,354	2,030,640	1,382,731	845,771	1,125,476
Elmore	6,303,003	1,605,813	426,553	1,374,829	943,211
Lee	8,839,301	2,167,096	443,961	2,221,762	1,019,084
Lowndes	8,690,093	1,482,051	400,492	1,201,301	59,181
Macon	6,844,008	2,885,130	1,395,401	2,000,096	1,020,289
Montgomery	3,317,431	3,208,759	635,931	2,020,271	296,004
Russell	5,111,055	2,931,789	409,452	1,684,576	1,023,355
Tallapoosa	12,149,775	2,373,685	1,232,749	1,936,297	1,896,662
Total	84,508,312	23,627,614	9,282,938	16,697,781	11,175,376

GROWING STOCK VOLUME BY SPECIES - SOUTHWEST REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Baldwin	7,533,319	3,169,628	373,604	399,232	1,163,416
Choctaw	16,027,133	2,065,372	1,117,362	4,126,164	946,729
Clarke	18,854,590	4,121,312	1,025,961	3,089,053	1,137,654
Conecuh	11,546,408	2,049,672	582,727	721,668	1,138,020
Escambia	5,613,745	1,583,615	-	515,141	425,001
Marengo	10,577,933	4,734,795	889,251	2,828,616	1,390,029
Mobile	2,953,604	1,916,898	164,309	448,111	343,537
Monroe	14,235,164	2,643,449	1,117,164	3,223,932	466,675
Washington	10,724,447	3,931,165	566,858	1,319,464	1,388,013
Wilcox	12,272,387	3,194,947	908,148	2,796,649	602,370
Total	110,338,729	29,410,854	6,745,384	19,468,030	9,001,445

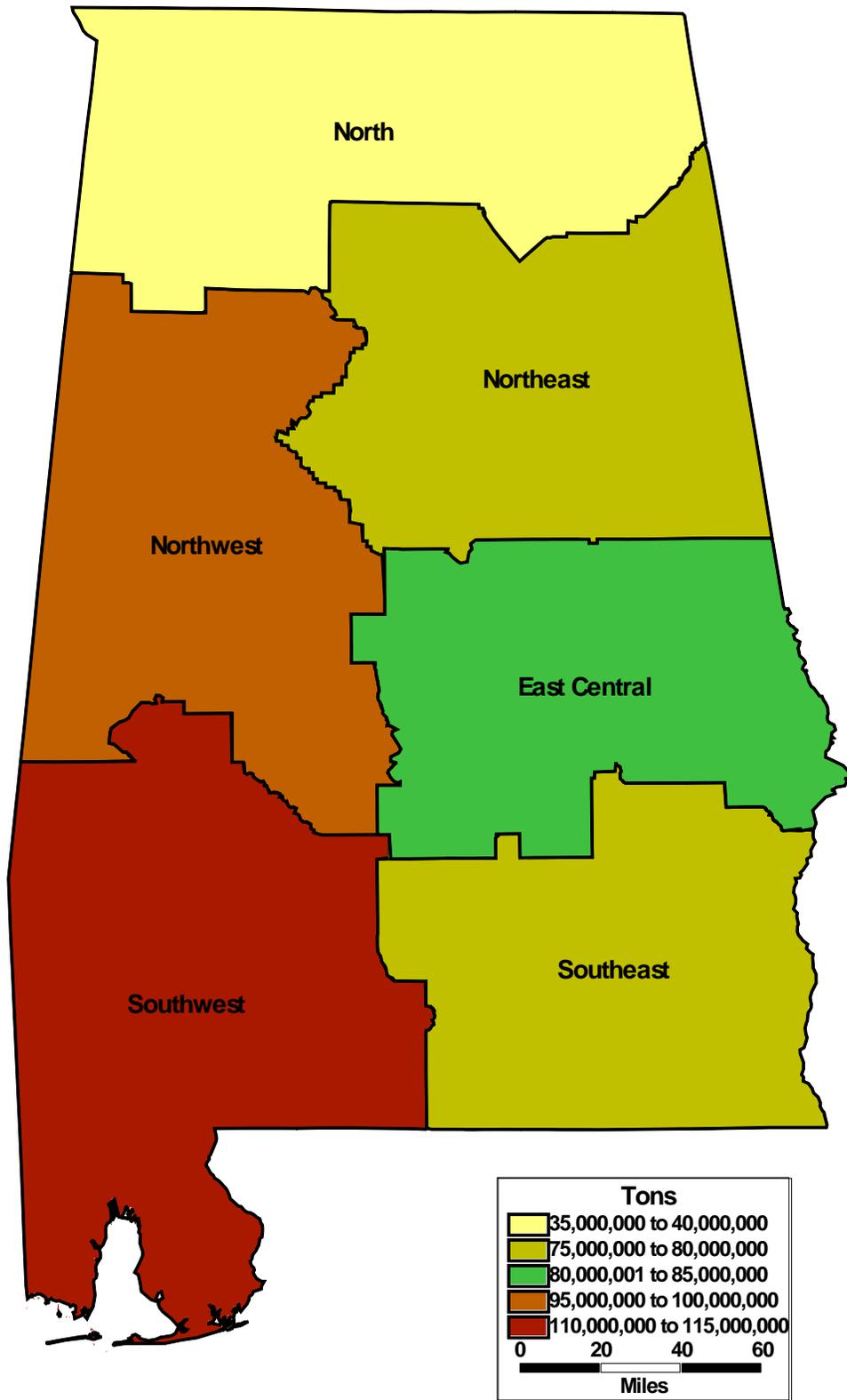
GROWING STOCK VOLUME BY SPECIES - SOUTHEAST REGION

County	Loblolly Pine	Red Oak	White Oak	Sweetgum	Yellow-poplar
<i>Tons</i>					
Barbour	10,372,195	2,643,769	1,049,403	1,895,955	511,245
Bullock	7,531,766	2,887,439	193,921	1,029,003	743,206
Butler	13,587,719	1,887,084	324,937	1,244,869	1,307,891
Coffee	5,371,564	1,821,250	178,389	193,121	587,674
Covington	10,025,349	2,802,207	363,392	665,170	1,295,997
Crenshaw	8,242,287	2,309,600	469,457	1,064,449	1,440,988
Dale	4,412,171	4,253,774	287,590	1,330,964	1,471,742
Geneva	3,832,449	1,759,907	383,841	360,407	740,005
Henry	4,701,219	1,805,541	112,637	571,281	532,526
Houston	3,067,763	1,889,519	243,653	415,418	876,989
Pike	8,067,241	2,286,491	689,612	977,659	958,153
Total	79,211,723	26,346,582	4,296,831	9,748,297	10,466,415

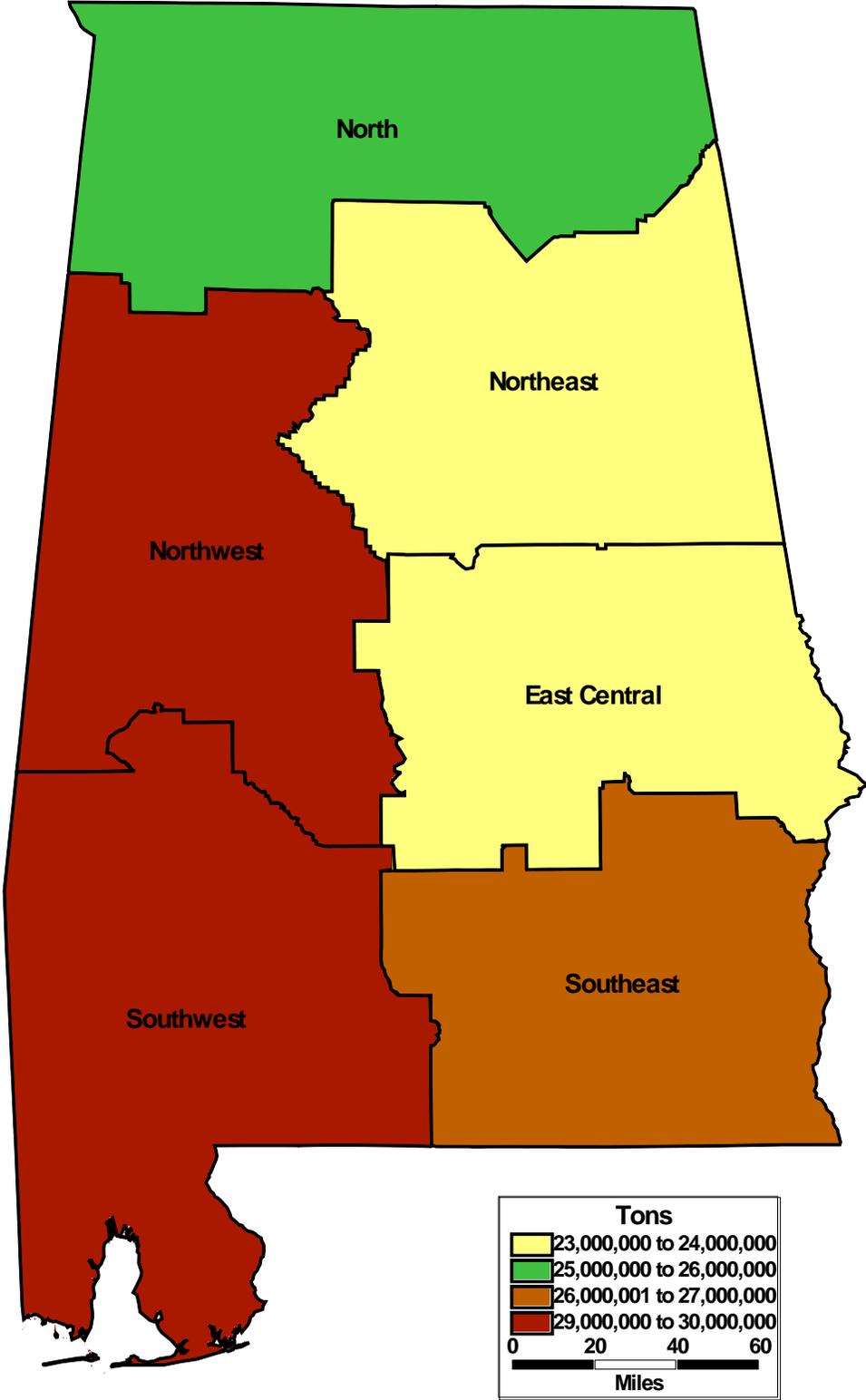
NOTES: Statistics come from 2015 Forest Inventory & Analysis (FIA) data.

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

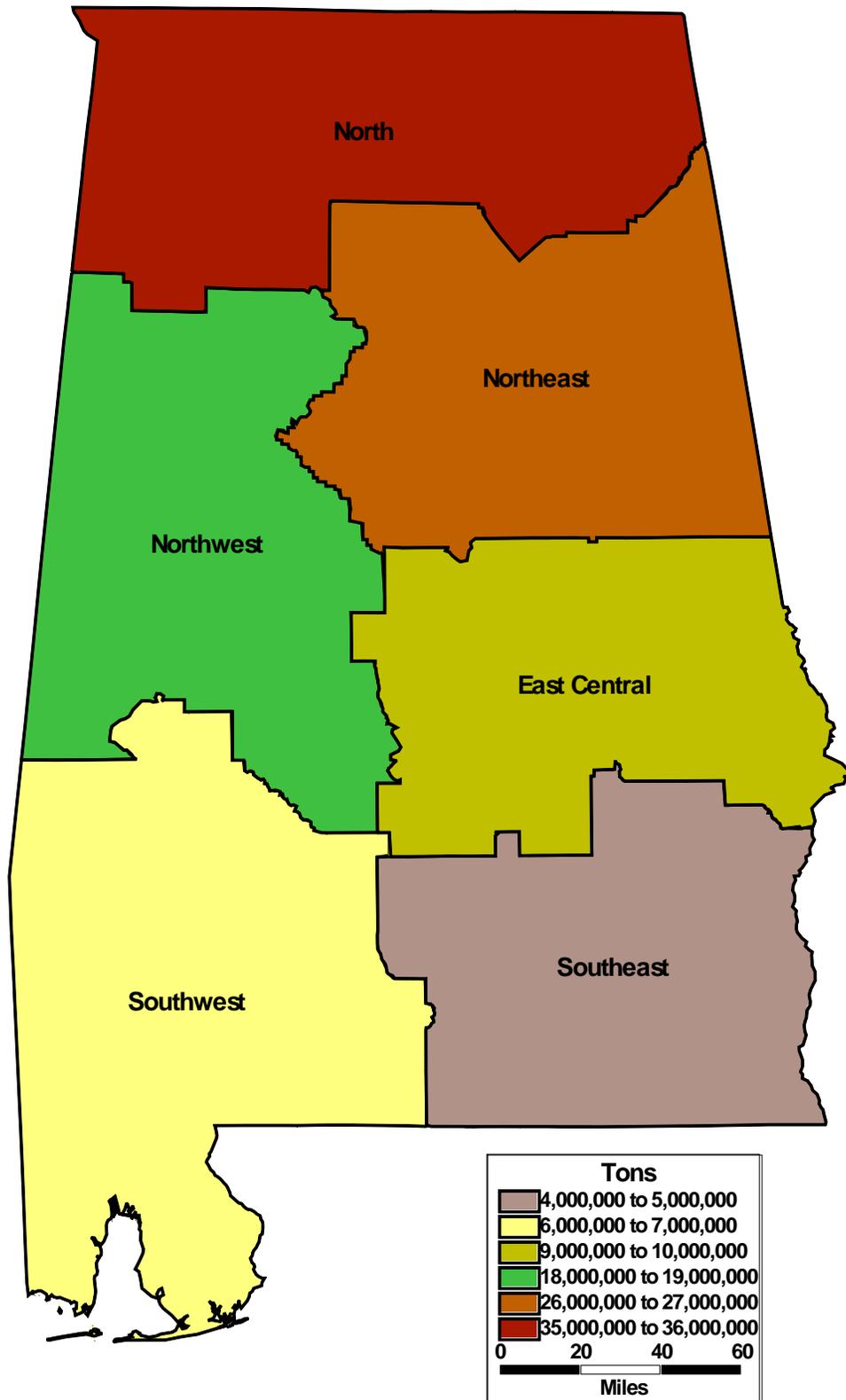
Growing Stock Volume by Region and Species - LOBLOLLY PINE



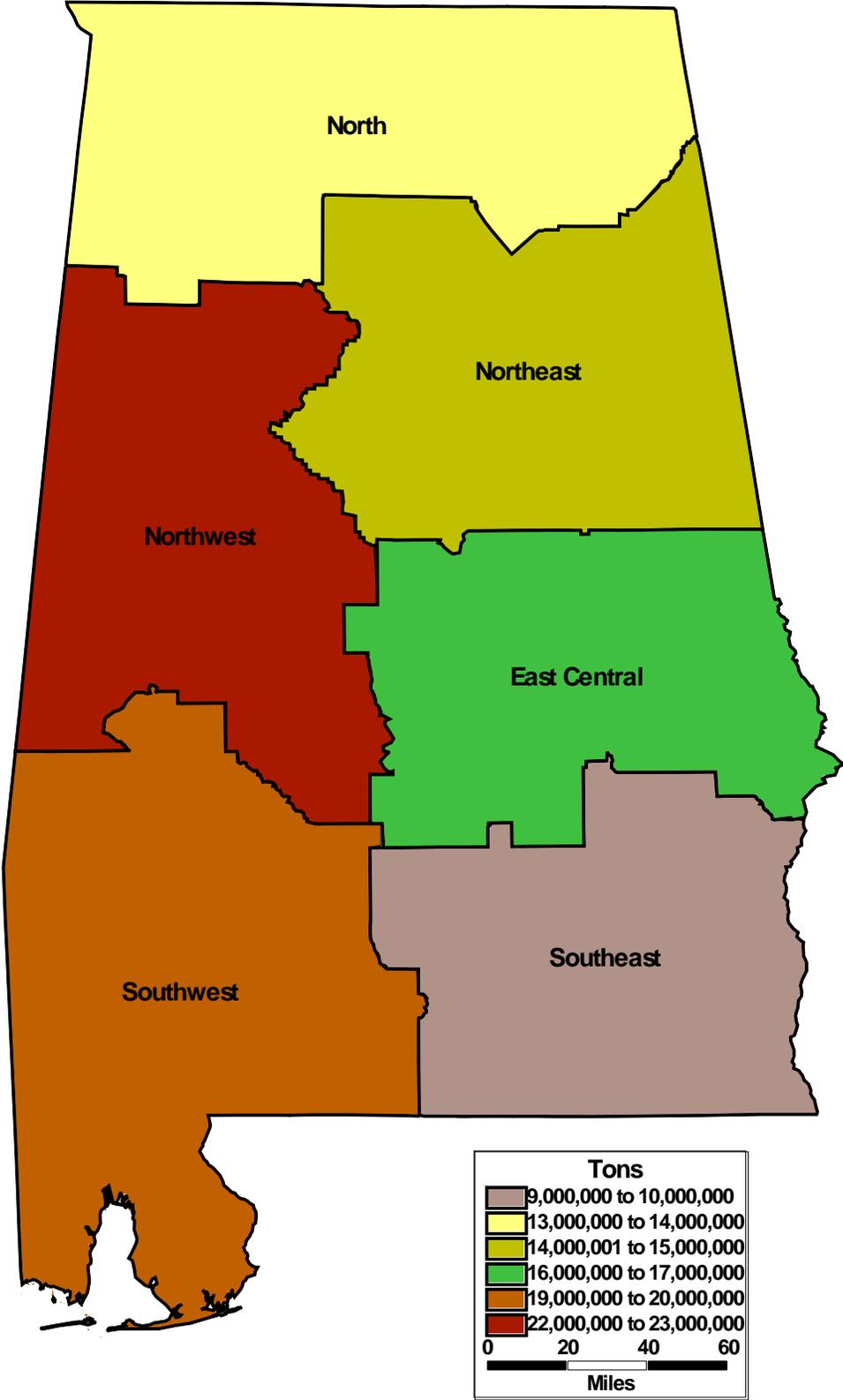
Growing Stock Volume by Region and Species - RED OAK



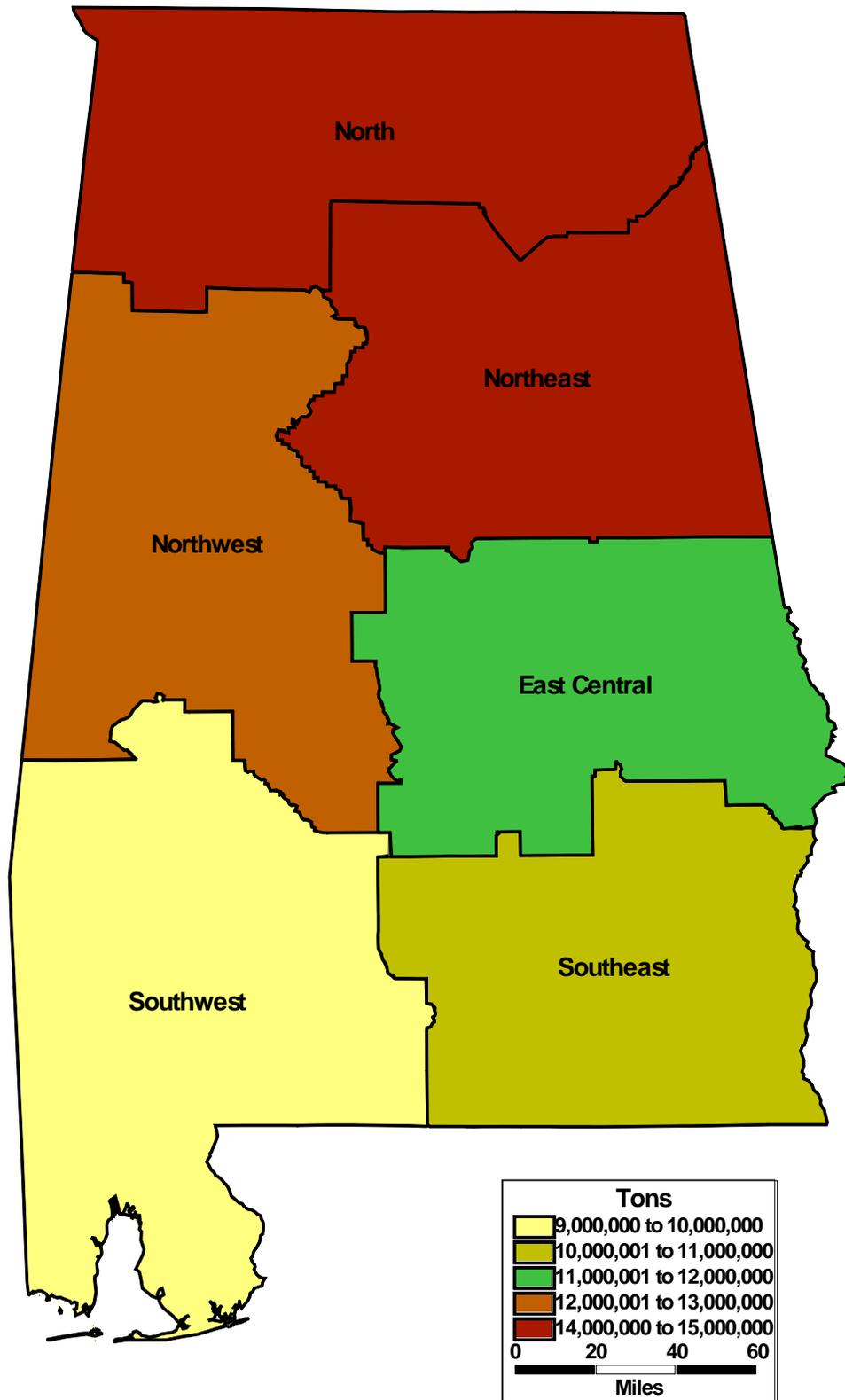
Growing Stock Volume by Region and Species - WHITE OAK



Growing Stock Volume by Region and Species - SWEETGUM



Growing Stock Volume by Region and Species - YELLOW-POPLAR



Timber Average Annual Net Growth (total growth minus mortality)

- Average annual net growth for softwood species is 46.9 million tons and for hardwood species it is 18.4 million tons.
- As is the case for total volume, net growth volume of softwoods is greatest in the Southwest Region and net growth volume of hardwoods is greatest in the North Region.

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK
BY MAJOR SPECIES GROUP

NORTH REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	555,036	235,130	319,906
DeKalb	435,948	206,637	229,311
Franklin	931,352	655,268	276,084
Jackson	907,212	157,871	749,341
Lauderdale	424,912	143,324	281,588
Lawrence	348,252	184,643	163,609
Limestone	270,021	28,854	241,167
Madison	600,415	171,184	429,232
Marion	1,308,823	1,066,291	242,532
Marshall	289,573	89,062	200,511
Morgan	579,236	161,185	418,050
Winston	789,221	510,147	279,075
Total	7,440,001	3,609,596	3,830,405

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK
BY MAJOR SPECIES GROUP

NORTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Bibb	712,946	470,566	242,380
Dallas	925,194	693,604	231,590
Fayette	1,022,060	703,615	318,445
Greene	812,156	554,422	257,734
Hale	705,534	590,685	114,849
Lamar	1,335,596	785,913	549,683
Perry	1,060,784	859,730	201,054
Pickens	1,564,668	1,146,280	418,388
Sumter	1,048,270	707,258	341,011
Tuscaloosa	1,986,147	1,390,250	595,897
Walker	1,059,104	777,760	281,344
Total	12,232,458	8,680,083	3,552,375

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK

BY MAJOR SPECIES GROUP

NORTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	592,106	440,724	151,383
Calhoun	464,980	315,814	149,166
Cherokee	593,639	455,092	138,547
Clay	1,049,395	685,244	364,151
Cleburne	725,303	508,646	216,658
Cullman	679,974	356,089	323,885
Etowah	591,156	348,218	242,937
Jefferson	1,102,639	850,001	252,638
Randolph	970,479	647,961	322,519
St. Clair	895,456	572,954	322,502
Shelby	1,039,392	747,537	291,855
Talladega	1,166,654	912,326	254,328
Total	9,871,175	6,840,605	3,030,569

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK

BY MAJOR SPECIES GROUP

EAST CENTRAL REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	926,124	731,117	195,007
Chambers	1,124,632	893,361	231,271
Chilton	894,169	604,172	289,997
Coosa	1,281,596	1,010,180	271,416
Elmore	765,741	575,880	189,861
Lee	969,707	732,538	237,169
Lowndes	1,022,964	805,075	217,890
Macon	719,600	428,659	290,941
Montgomery	541,139	260,032	281,107
Russell	832,988	626,362	206,625
Tallapoosa	1,481,443	1,098,922	382,521
Total	10,560,103	7,766,298	2,793,806

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK

BY MAJOR SPECIES GROUP

SOUTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	1,687,251	1,467,798	219,453
Choctaw	1,633,681	1,289,511	344,170
Clarke	2,094,383	1,669,297	425,085
Conecuh	1,328,065	1,126,764	201,301
Escambia	1,055,553	954,211	101,342
Marengo	1,411,644	1,024,465	387,179
Mobile	904,142	711,037	193,105
Monroe	1,602,066	1,279,016	323,049
Washington	1,799,096	1,504,652	294,444
Wilcox	1,436,616	1,200,470	236,146
Total	14,952,496	12,227,222	2,725,274

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK

BY MAJOR SPECIES GROUP

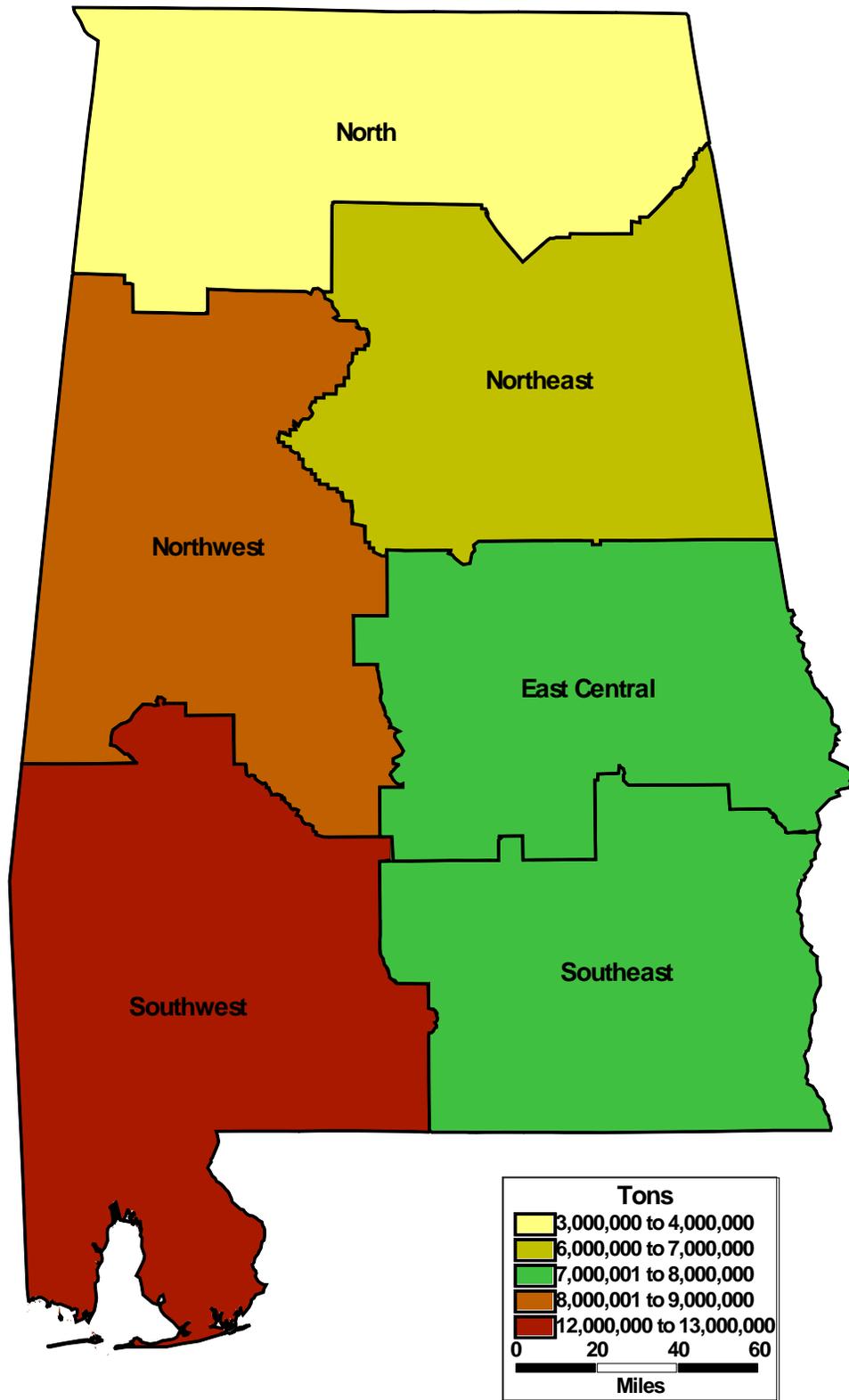
SOUTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	1,383,595	1,085,297	298,298
Bullock	938,024	691,662	246,362
Butler	1,721,159	1,394,250	326,910
Coffee	759,419	564,795	194,624
Covington	1,383,479	1,136,118	247,361
Crenshaw	1,024,267	790,125	234,142
Dale	633,672	395,493	238,179
Geneva	335,739	240,595	95,144
Henry	660,379	482,538	177,840
Houston	379,151	306,932	72,219
Pike	1,006,981	702,935	304,045
Total	10,225,866	7,790,742	2,435,124

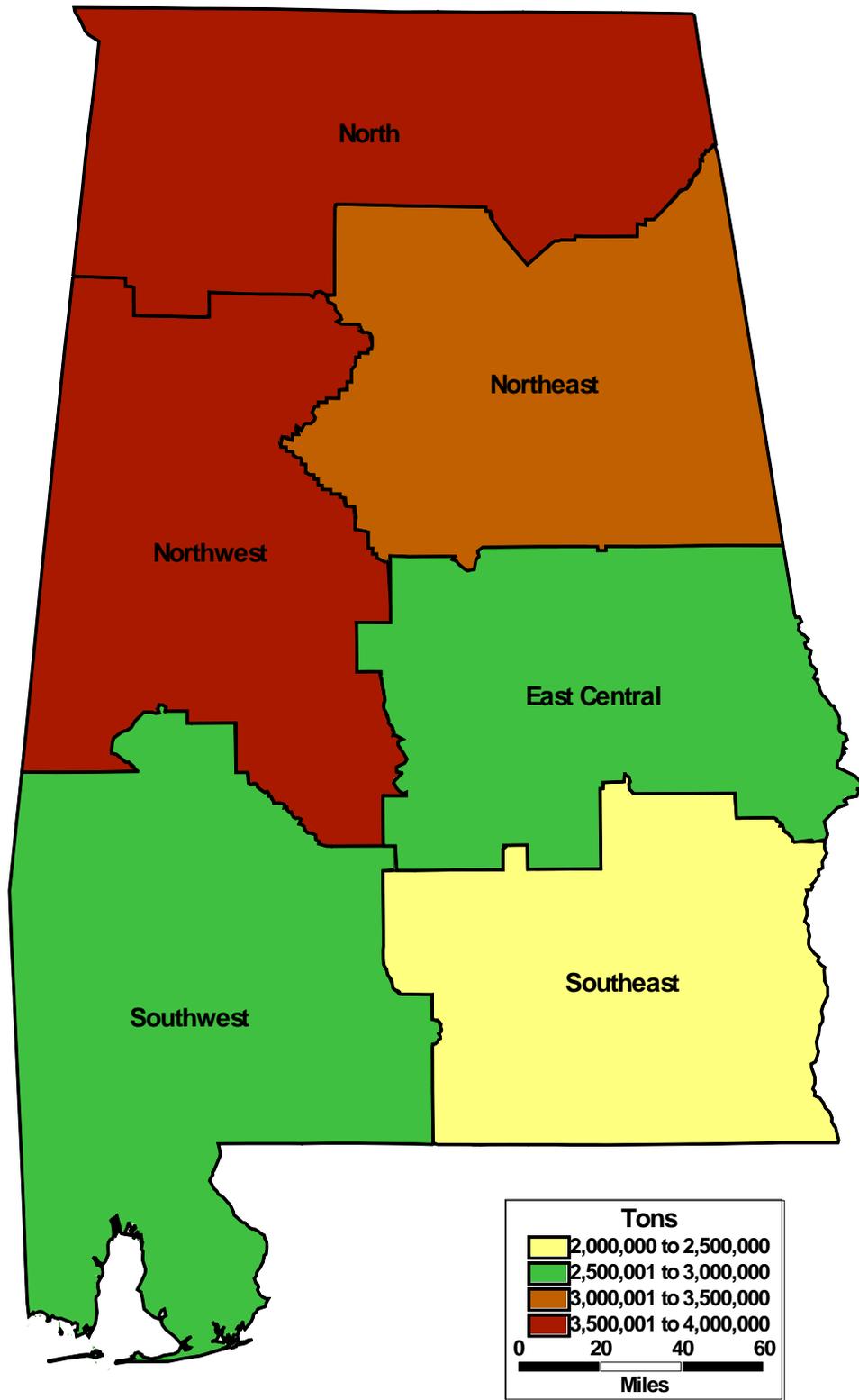
NOTE: Statistics come from 2015 Forest Inventory & Analysis (FIA) data.

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

Average Annual Net Growth by Region and Species Group - SOFTWOODS



Average Annual Net Growth by Region and Species Group - HARDWOODS



Timber Harvest Removals

Softwood timber volume removed annually as a result of harvesting is 30.6 million tons. Based on the total softwood timber volume in Alabama, approximately 5.1% of total softwood volume is being harvested annually. Hardwood volume removed annually from timber harvesting is 10.6 million tons. Using the same criteria as above approximately 1.8% of total hardwood volume is being harvested annually.

- The Southwest Region leads the state in softwood (virtually all pine) harvests while the amount of hardwoods harvested is highest in the Northwest Region. Nearly one-third of all softwood removals in the state come from the Southwest Region, while one-quarter of all hardwood removals come from the Northwest Region.

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY MAJOR SPECIES GROUP

NORTH REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	67,233	32,465	34,768
DeKalb	185,232	108,701	76,531
Franklin	242,618	91,617	151,000
Jackson	589,047	192,318	396,729
Lauderdale	109,197	0	109,197
Lawrence	157,394	79,432	77,963
Limestone	147,362	0	147,362
Madison	194,153	0	194,153
Marion	690,248	512,228	178,020
Marshall	189,399	121,800	67,599
Morgan	325,812	221,874	103,938
Winston	485,030	393,555	91,476
Total	3,382,726	1,753,990	1,628,736

AVERAGE ANNUAL REMOVALS OF GROWING STOCK
BY MAJOR SPECIES GROUP
NORTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Bibb	504,883	490,470	14,413
Dallas	1,471,365	906,518	564,847
Fayette	710,539	566,575	143,964
Greene	416,619	161,169	255,450
Hale	677,257	428,446	248,811
Lamar	646,073	399,575	246,498
Perry	709,524	569,945	139,579
Pickens	1,230,418	1,010,722	219,696
Sumter	1,152,073	619,365	532,708
Tuscaloosa	929,827	676,837	252,990
Walker	518,973	422,432	96,541
Total	8,967,551	6,252,055	2,715,496

AVERAGE ANNUAL REMOVALS OF GROWING STOCK
BY MAJOR SPECIES GROUP
NORTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	307,640	278,181	29,459
Calhoun	267,340	253,751	13,589
Cherokee	439,893	282,330	157,562
Clay	553,272	413,152	140,120
Cleburne	351,107	266,456	84,651
Cullman	396,620	134,117	262,503
Etowah	169,825	67,745	102,080
Jefferson	607,923	445,295	162,628
Randolph	307,724	255,047	52,678
St. Clair	297,271	186,238	111,033
Shelby	676,213	385,666	290,547
Talladega	422,235	387,307	34,928
Total	4,797,064	3,355,285	1,441,778

AVERAGE ANNUAL REMOVALS OF GROWING STOCK
BY MAJOR SPECIES GROUP
EAST CENTRAL REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	263,018	229,799	33,218
Chambers	853,947	691,374	162,573
Chilton	470,766	300,231	170,535
Coosa	567,875	447,923	119,952
Elmore	242,946	189,738	53,207
Lee	315,841	268,547	47,295
Lowndes	484,772	377,980	106,792
Macon	645,005	344,108	300,897
Montgomery	383,152	201,768	181,384
Russell	673,268	523,850	149,418
Tallapoosa	840,644	604,768	235,876
Total	5,741,234	4,180,087	1,561,147

AVERAGE ANNUAL REMOVALS OF GROWING STOCK
BY MAJOR SPECIES GROUP
SOUTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	979,049	945,147	33,902
Choctaw	1,789,081	1,365,817	423,264
Clarke	1,485,062	1,232,538	252,524
Conecuh	1,357,543	1,005,540	352,002
Escambia	742,334	700,940	41,394
Marengo	739,449	576,651	162,798
Mobile	872,642	736,589	136,052
Monroe	1,006,678	808,809	197,870
Washington	1,578,994	1,392,319	186,675
Wilcox	1,404,837	1,196,525	208,312
Total	11,955,669	9,960,875	1,994,794

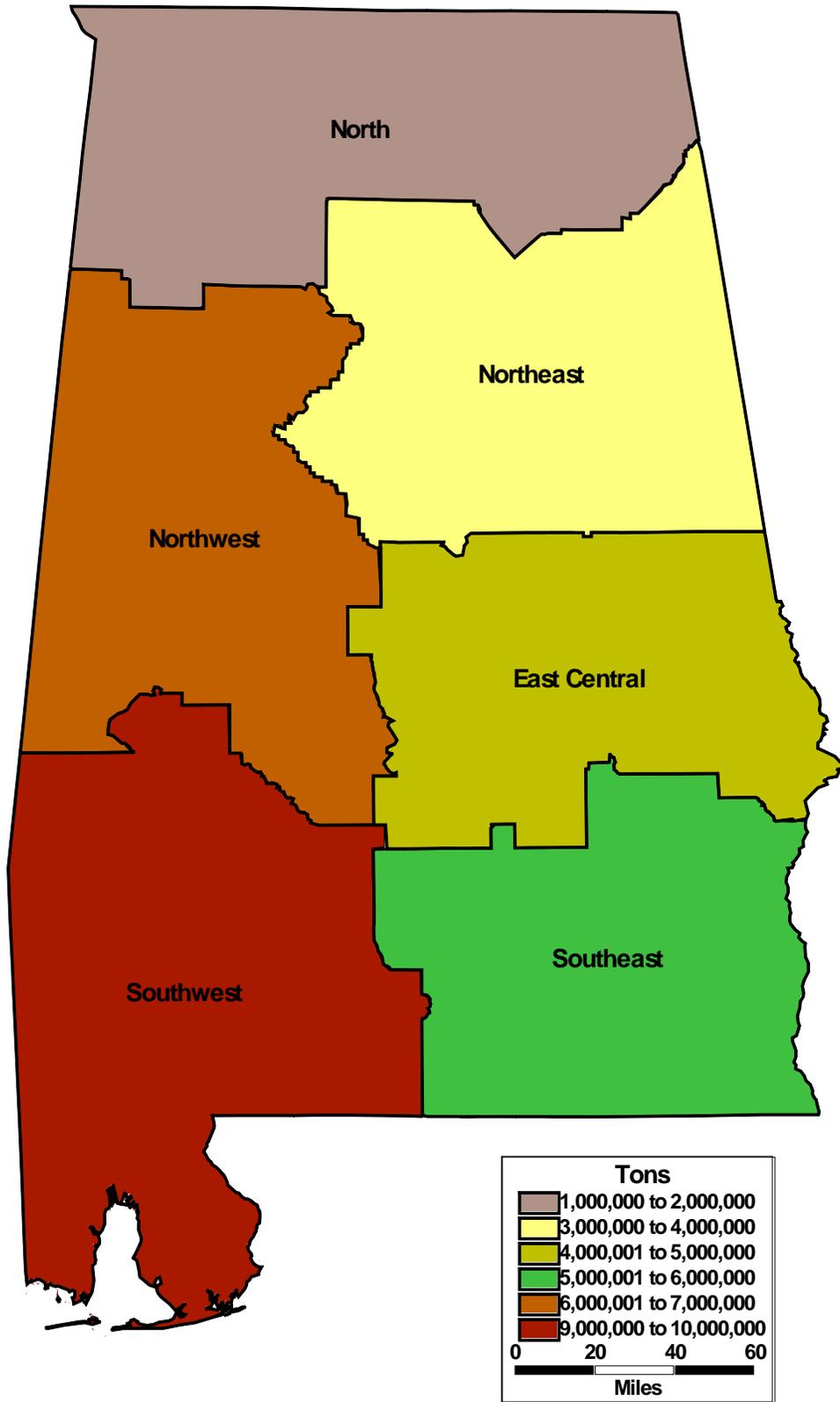
AVERAGE ANNUAL REMOVALS OF GROWING STOCK
 BY MAJOR SPECIES GROUP
 SOUTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	889,975	673,842	216,133
Bullock	706,786	668,481	38,305
Butler	709,874	512,890	196,984
Coffee	462,512	393,176	69,336
Covington	842,989	780,123	62,866
Crenshaw	917,190	822,713	94,477
Dale	299,110	191,364	107,746
Geneva	222,446	182,265	40,180
Henry	489,239	276,427	212,813
Houston	261,037	207,891	53,146
Pike	592,454	429,986	162,468
Total	6,393,610	5,139,156	1,254,454

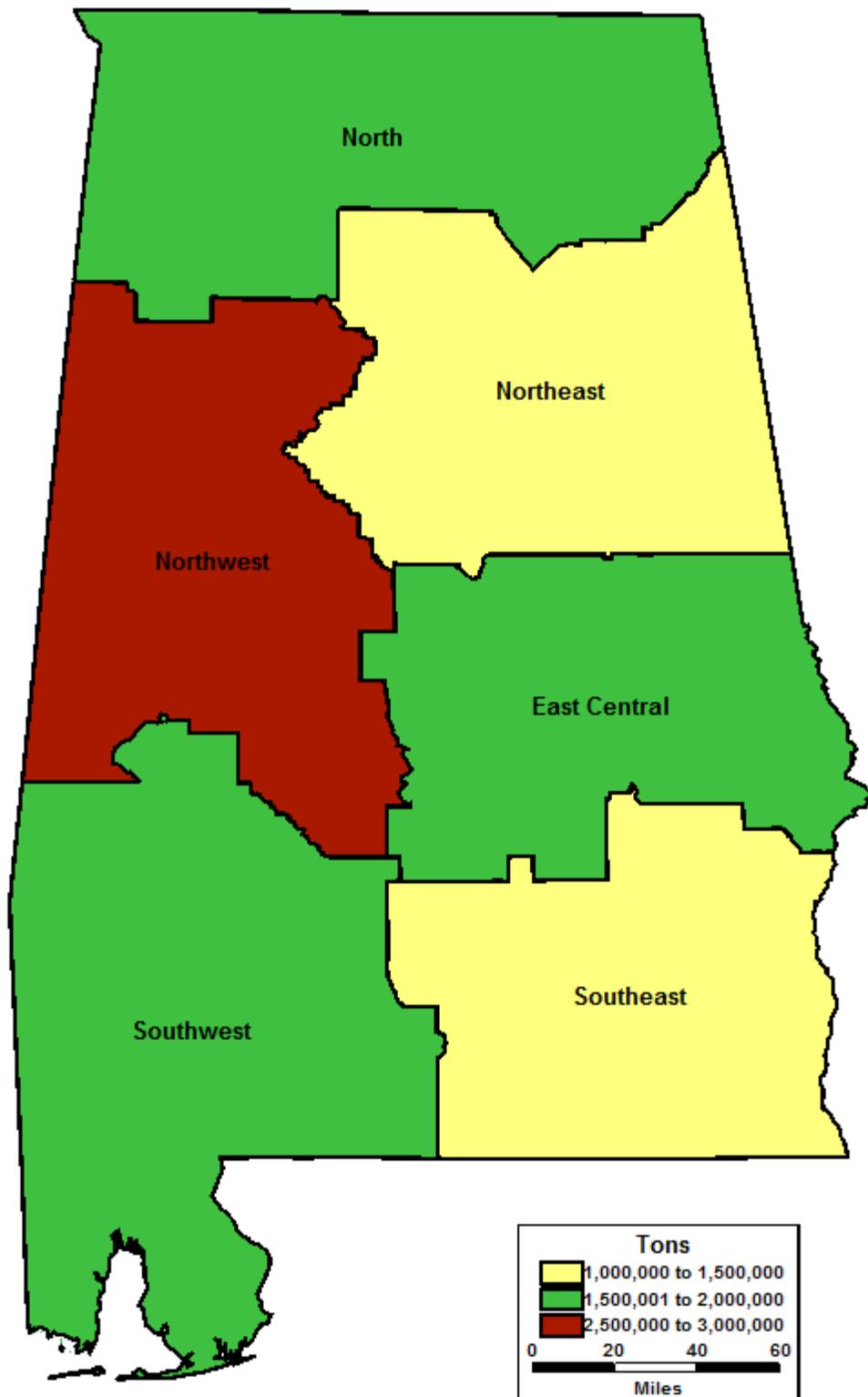
NOTE: Statistics come from 2015 Forest Inventory & Analysis (FIA) data.

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

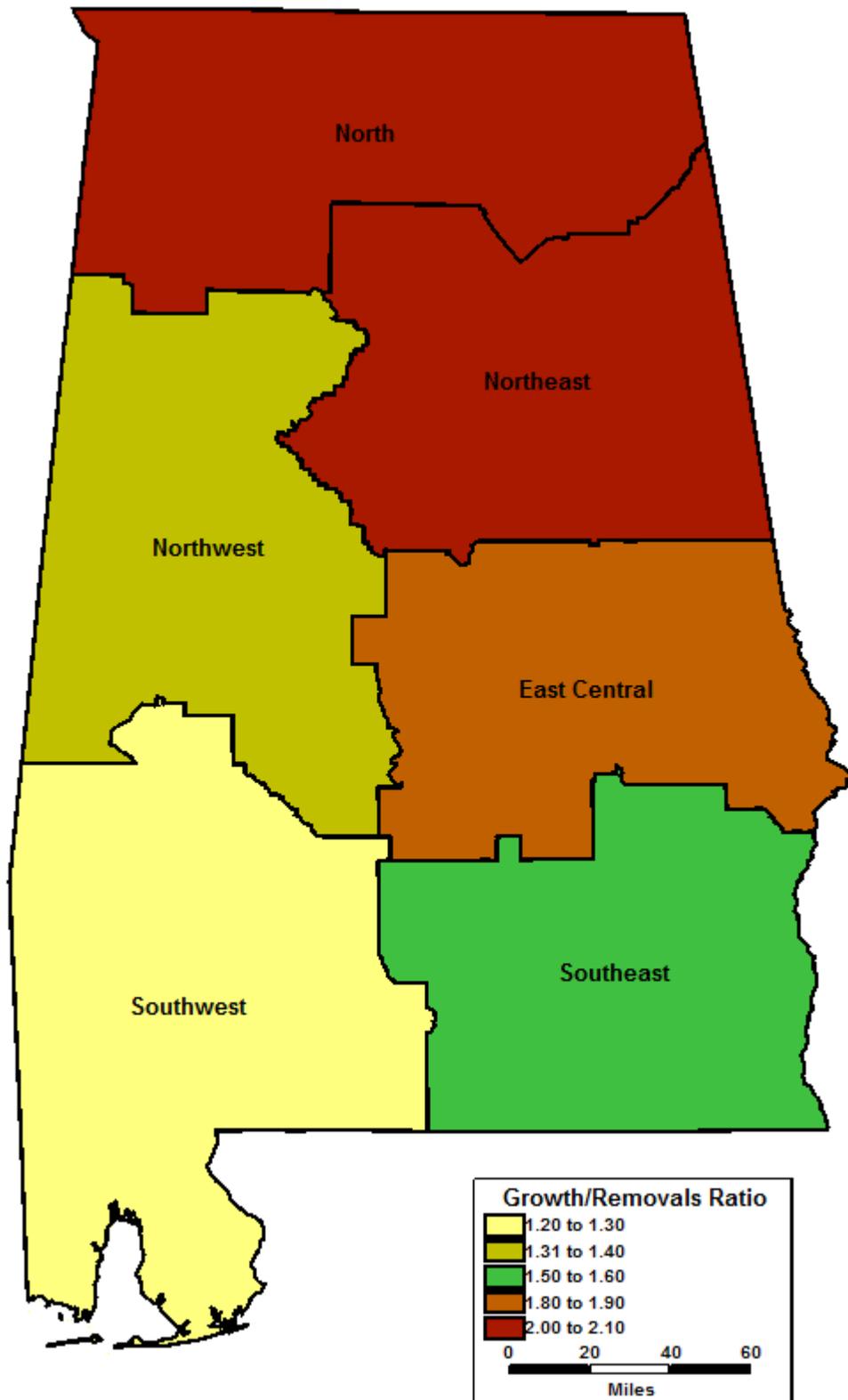
Average Annual Removals by Region and Species Group - SOFTWOODS



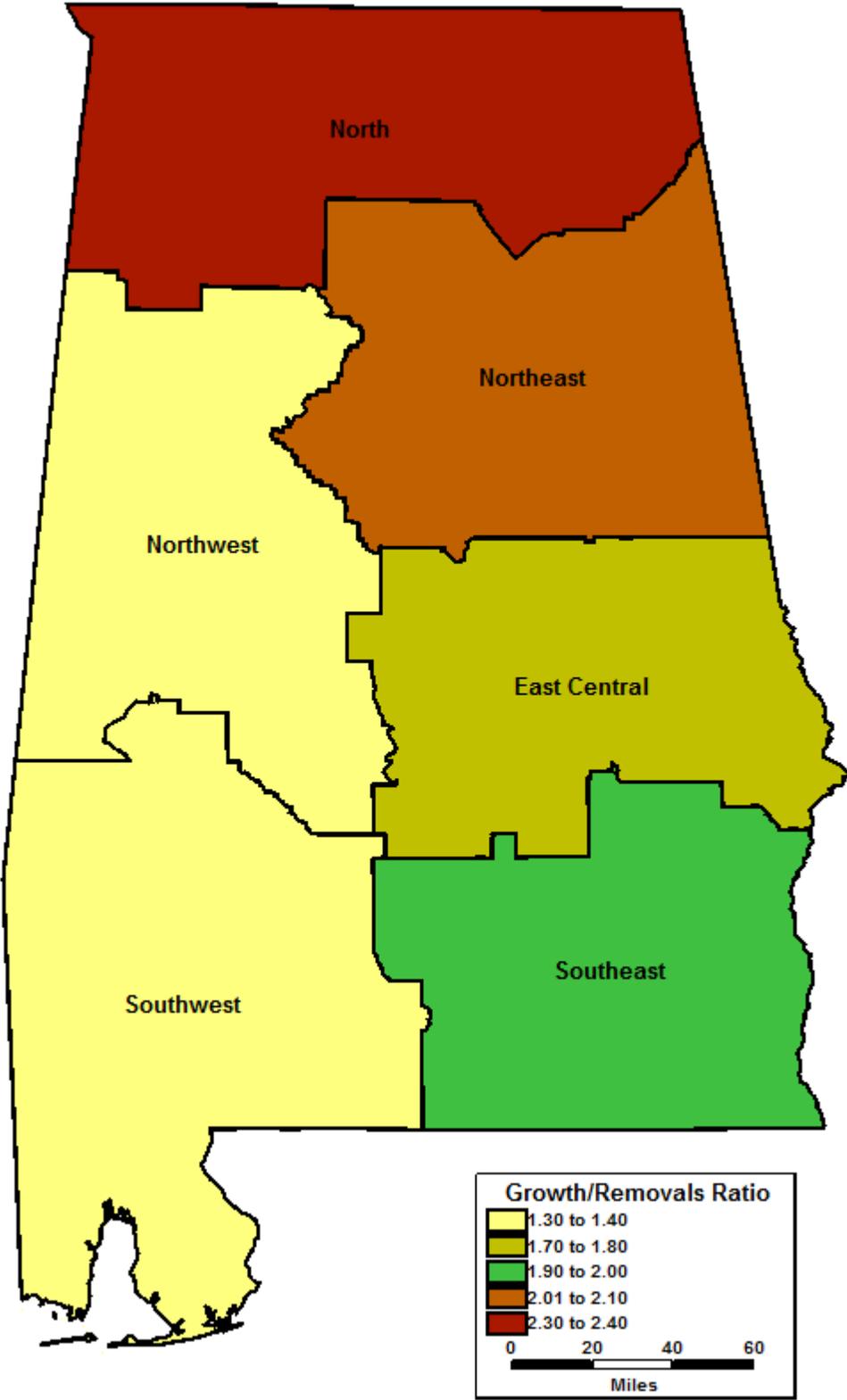
Average Annual Removals by Region and Species Group - HARDWOODS



Growth vs. Removals Ratio by Region and Species Group - SOFTWOODS



Growth vs. Removals Ratio by Region and Species Group - HARDWOODS



2015 Timber Harvests Volume

- Based on Alabama Department of Revenue severance tax reports for 2015, 1.68 billion board feet of pine sawtimber (Scribner log rule) and 192.1 million board feet of hardwood sawtimber (Doyle log rule) were harvested. In addition, approximately 7.40 million cords of pine pulpwood were harvested while 2.52 million cords of hardwood pulpwood were harvested.
- Sawtimber harvests (includes poles) accounted for 31% of the total harvests in 2015 (see chart on page 43). Of all sawtimber that was harvested in 2015, 86% consisted of pine and only 14% consisted of hardwood species.
- Pine sawtimber harvests have increased each of the last 5 years while hardwood sawtimber harvests have fluctuated over the same time span. When comparing 2015 sawtimber harvests to the previous five year period's average harvest volume, pine sawtimber harvests have increased 38.0% while the amount of hardwood sawtimber harvested has increased 4.9% (see chart on page 44). The increase in pine sawtimber harvests over the past several years can largely be linked to the recovery in the housing market. Housing starts in the South region of the United States have increased each of the last 5 years and in 2015 the number of starts was 555,500; a 11.9% increase from 2014. In addition, shipments of southern yellow pine lumber amounted to 16.6 billion board feet in 2015, an increase of 3% over the amount shipped in 2014. Similar to housing starts, pine shipments have increased each of the last 5 years.
- Pine sawtimber demand is directly linked to the health of the housing market. Although the housing market has shown gradual improvement the last several years, if you don't consider the years since the housing market crash of 2008, housing starts in the South for 2015 were still the fewest since 1992. The housing market in 2016 is not expected to be much different than it was in 2015. Factors inhibiting a strong housing market recovery include a sluggish economy, a weak job market, and stricter lending standards affecting "first-time buyers". The key to a major recovery in the housing market is "first time buyers" who are usually young adults (millennials). However, due to a lack of resources many young adults are not in a good position to purchase a house, and therefore are choosing to rent rather than buy. Generally speaking, millennials versus other age groups, are more likely to be unemployed or have low-paying jobs. In addition, they are faced with huge student loan debt. Traditionally, first time buyers represent about 40 – 45% of the housing market, but today they are at 32%.
Another concern facing sawtimber demand is a weakening global economy along with a strong U.S. dollar. Both of these factors will likely negatively affect the amount of sawtimber exported from the United States to other countries.
- Pulpwood harvests accounted for 69% of the total harvests in 2015 (see chart on page 43). Of all pulpwood that was harvested in 2015, 76% consisted of pine and only 24% consisted of hardwood species.
- The demand for pine pulpwood remained high in 2015 despite a decrease in consumption from 2014. The decrease in pine pulpwood utilization from 2014 is likely due to an increase in available chip residues from sawmills. In contrast, the demand for hardwood pulpwood has decreased four of the past five years, and 2015 hardwood pulpwood consumption was at its lowest level since 1985. When comparing 2015 pulpwood harvests to the previous five year period's

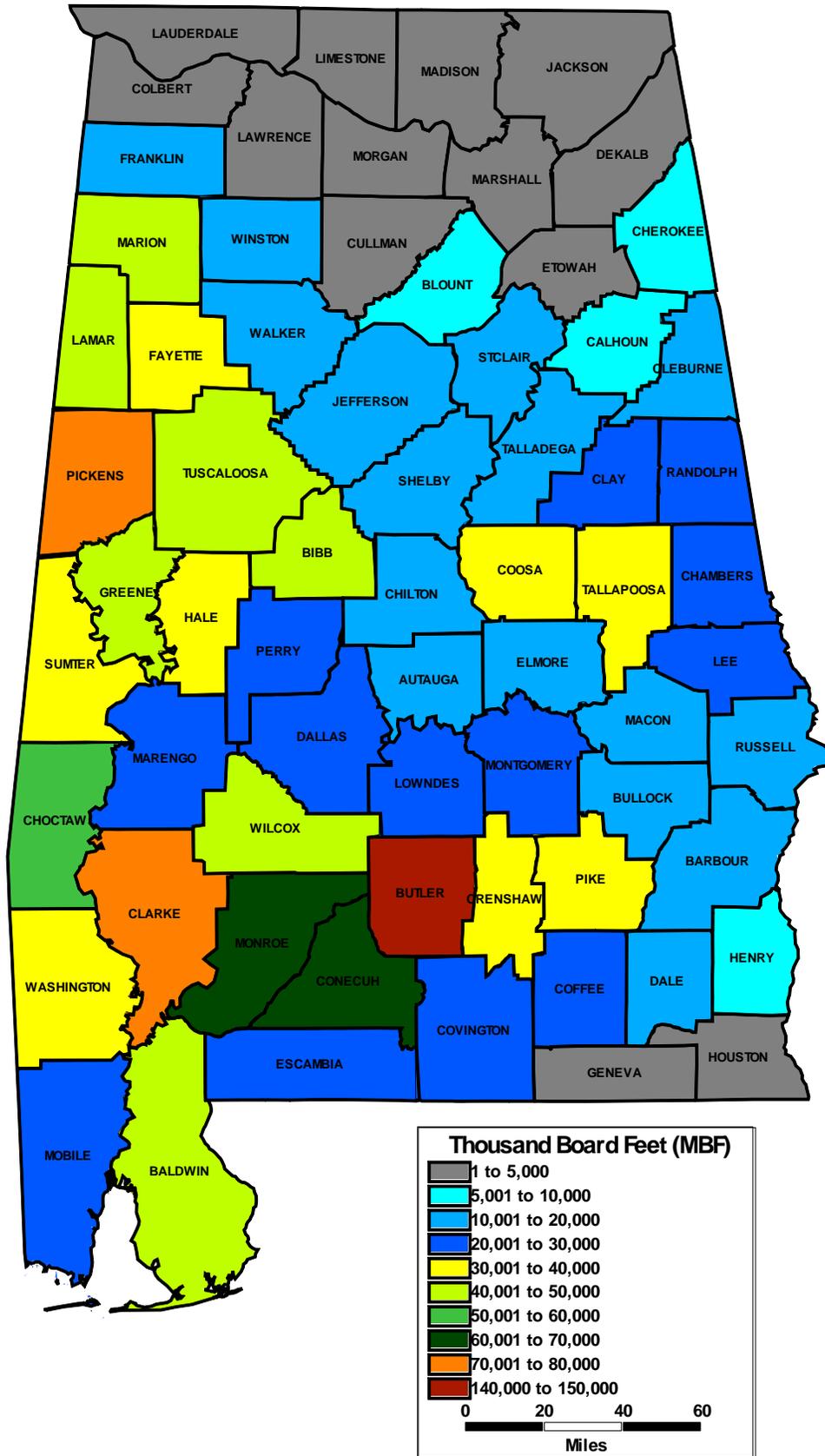
average harvest volume, pine pulpwood harvests have decreased by 1.4% while the amount of hardwood pulpwood harvested has decreased by 17.2% (See chart on page 44).

- Pine pulpwood production will likely remain high in the upcoming years in large part due to high demand from pulp/paper mills, OSB mills, and wood pellet manufacturers. In addition, the demand for paperboard and packaging has been increasing. In 2015 wood pellet exports from the U.S. to Europe totaled 5.1 million tons, an increase of 12.8% over 2014. European demand for wood pellets produced in the United States is expected to increase annually at least until the year 2022. As the demand for wood pellets continues to increase, the construction of wood pellet facilities in the South is expected to increase. In Alabama a wood pellet mill owned by Zilkha Biomass Energy and located in Dallas County began operating in 2015.
- On the other hand, hardwood pulpwood production has been decreasing in recent years and will likely remain at lower levels in the near future. There are a number of reasons for this including a decreasing demand for writing paper and newsprint (primarily produced from hardwood pulp). Since most pulp mills have always utilized both pine and hardwood pulpwood, the increased demand for pine pulp combined with a decreased demand for hardwood pulp creates an incentive for mills to favor pine over hardwood. In addition, pine pulpwood prices are considerably less than hardwood pulpwood prices (see table on page 45) creating another incentive for mills to favor pine over hardwood.

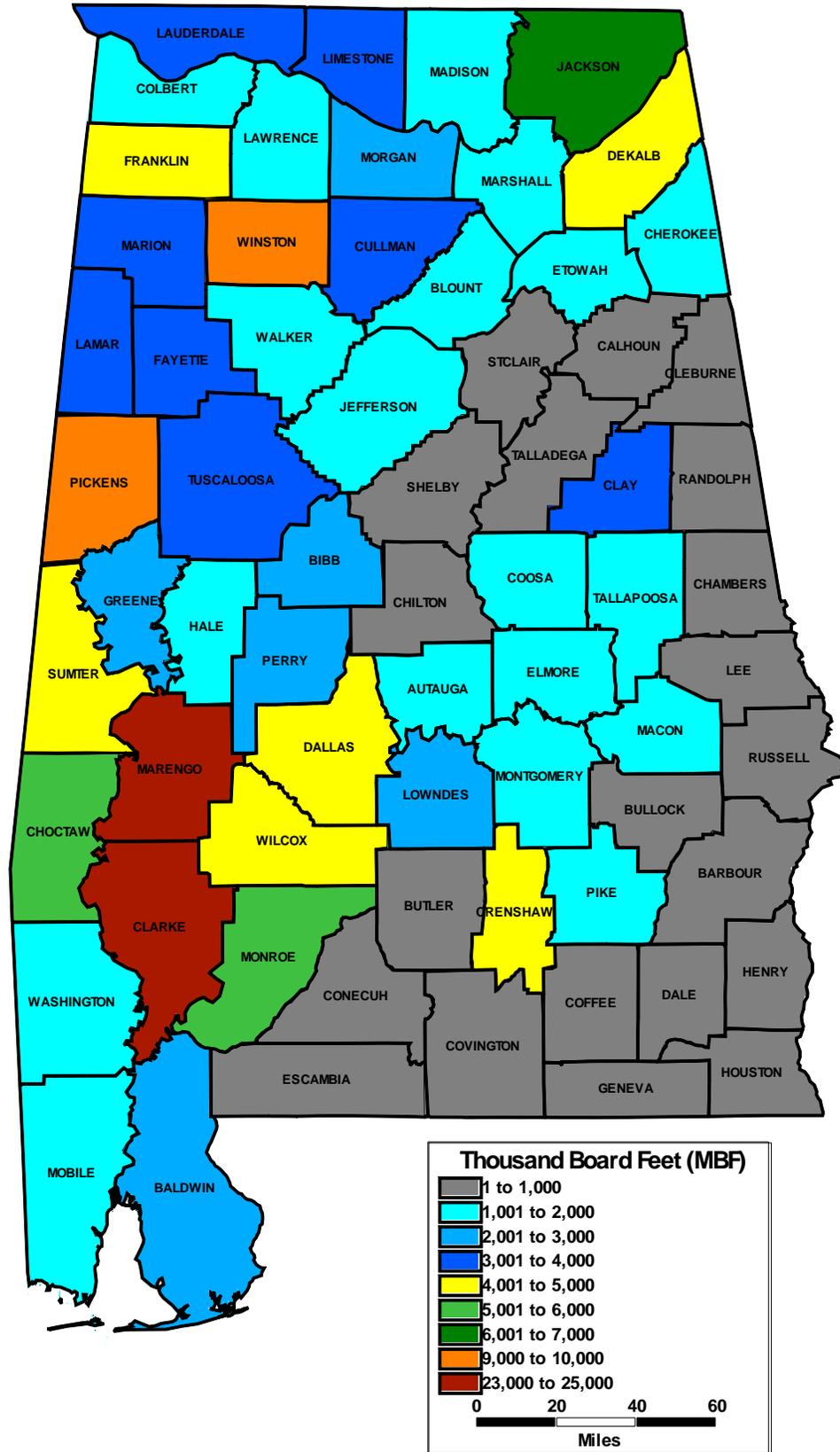
Table 1. Production of Forest Products by Product and County for Calendar Year 2015.					
	PINE	HARDWOOD a/	PINE	HARDWOOD	POLES AND
COUNTY	SAWTIMBER	SAWTIMBER	PULPWOOD	PULPWOOD	PILES
	<i>(mbf Scribner)</i>	<i>(mbf Doyle)</i>	<i>(cords)</i>	<i>(cords)</i>	<i>(mbf Doyle)</i>
Autauga	17,513	1,497	102,205	24,868	220
Baldwin	41,353	2,627	214,018	25,039	2,469
Barbour	19,410	881	363,117	54,071	131
Bibb	45,914	2,080	94,456	58,806	3,347
Blount	5,829	1,284	41,978	32,180	81
Bullock	14,082	857	152,960	27,111	58
Butler	148,419	318	217,001	47,013	4,648
Calhoun	6,240	325	33,509	17,292	55
Chambers	27,893	837	92,085	28,153	620
Cherokee	8,980	1,515	93,067	14,697	8
Chilton	15,619	977	89,379	27,877	236
Choctaw	52,236	5,264	339,351	108,797	2,933
Clarke	74,763	24,915	365,195	140,971	6,422
Clay	21,770	3,490	136,018	43,754	146
Cleburne	19,991	403	168,477	30,565	99
Coffee	22,238	303	75,108	22,417	418
Colbert	4,859	1,829	114,884	22,419	0
Conecuh	64,045	518	171,483	51,028	2,543
Coosa	31,436	1,546	151,574	49,129	3,119
Covington	24,119	15	143,167	30,923	1,167
Crenshaw	35,417	4,376	102,746	42,244	653

Cullman	4,102		3,045		42,103		14,333		0
Dale	12,154		953		82,858		41,174		247
Dallas	29,742		4,026		103,935		53,046		1,279
DeKalb	1,880		4,327		33,505		38,856		0
Elmore	16,497		1,914		71,732		40,590		1,061
Escambia	23,428		87		142,747		33,726		2,523
Etowah	4,951		1,422		39,297		33,930		78
Fayette	39,498		3,256		32,701		28,245		247
Franklin	10,889		4,246		82,754		37,078		11
Geneva	4,017		214		42,371		9,406		617
Greene	44,666		2,540		112,150		39,455		520
Hale	34,861		1,882		73,068		44,756		203
Henry	8,468		473		64,384		22,300		0
Houston	3,448		76		66,316		15,100		14
Jackson	1,096		6,873		27,070		33,423		0
Jefferson	10,684		1,178		47,431		30,226		206
Lamar	41,330		3,911		120,331		25,680		122
Lauderdale	319		3,112		26,804		13,016		0
Lawrence	3,813		1,321		30,562		27,515		0
Lee	21,873		653		133,109		46,226		380
Limestone	2,027		3,131		4,745		13,334		0
Lowndes	24,093		2,487		100,752		27,654		560
Macon	10,167		1,530		119,743		38,144		66
Madison	634		1,752		2,844		2,709		0
Marengo	29,495		23,483		160,958		77,822		1,686
Marion	48,624		3,093		77,264		12,824		109
Marshall	1,341		1,364		8,469		10,305		0
Mobile	23,893		1,112		102,610		29,238		1,397
Monroe	68,114		5,463		248,968		62,082		2,749
Montgomery	24,692		1,698		86,058		23,734		162
Morgan	1,542		2,105		12,118		18,679		0
Perry	28,134		2,123		94,361		41,520		941
Pickens	72,543		9,863		56,976		101,916		306
Pike	33,351		1,696		118,058		38,278		849
Randolph	20,555		845		108,335		34,069		68
Russell	14,822		381		139,954		40,646		0
Shelby	11,548		886		74,948		15,081		447
St. Clair	11,499		974		99,998		37,062		288
Sumter	33,739		4,479		198,512		51,145		1,952
Talladega	11,627		354		96,876		20,074		59
Tallapoosa	35,820		1,649		162,659		47,772		1,852
Tuscaloosa	43,993		3,469		166,984		75,296		343
Walker	17,736		1,244		78,277		30,446		70
Washington	35,383		1,170		205,580		63,165		2,508
Wilcox	47,975		4,481		159,582		59,665		1,608
Winston	10,169		9,916		73,939		14,911		11
TOTAL:	1,683,353		192,114		7,396,571		2,515,001		54,915

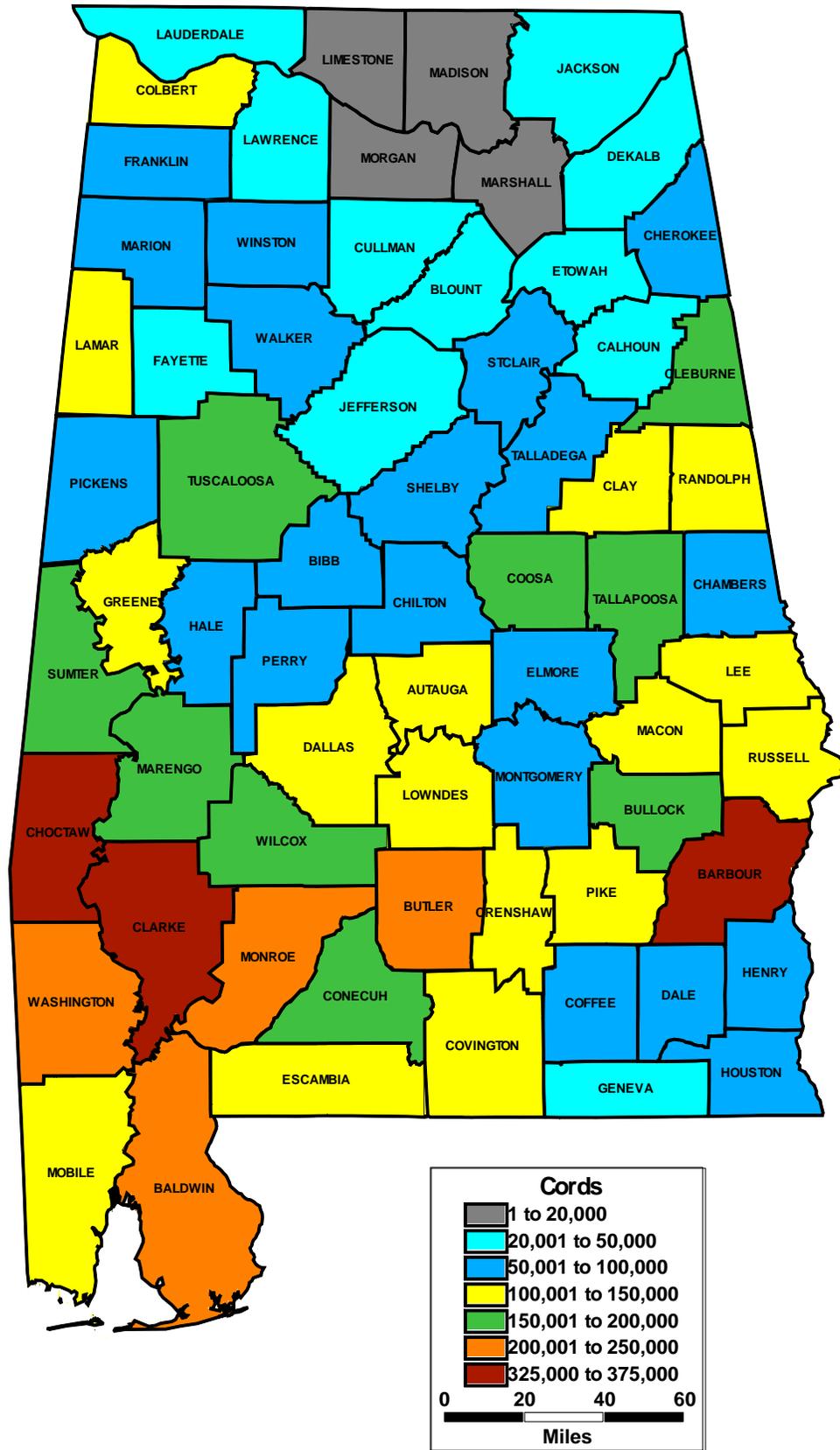
2015 Pine Sawtimber Harvest Removals



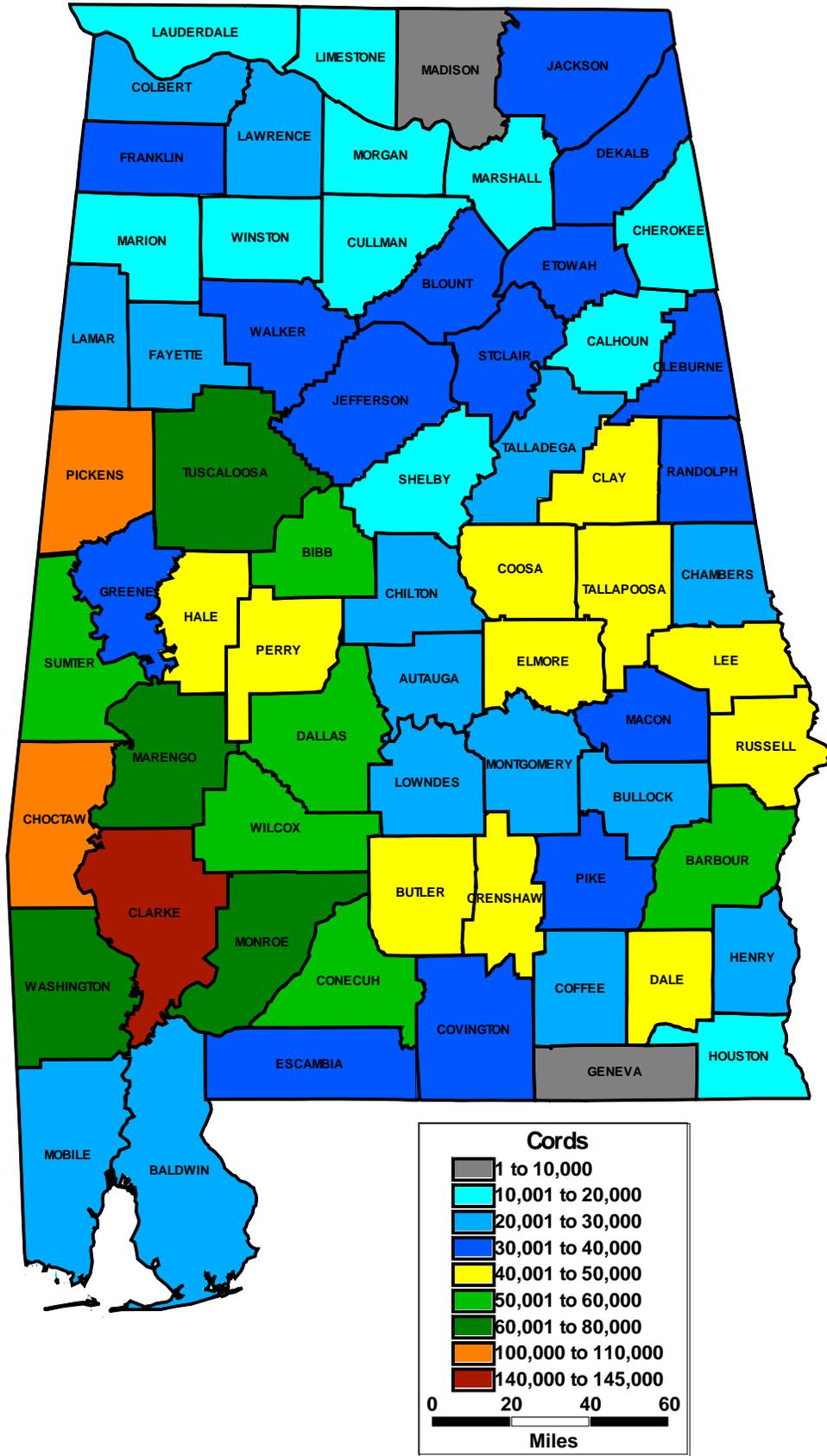
2015 Hardwood Sawtimber Harvest Removals



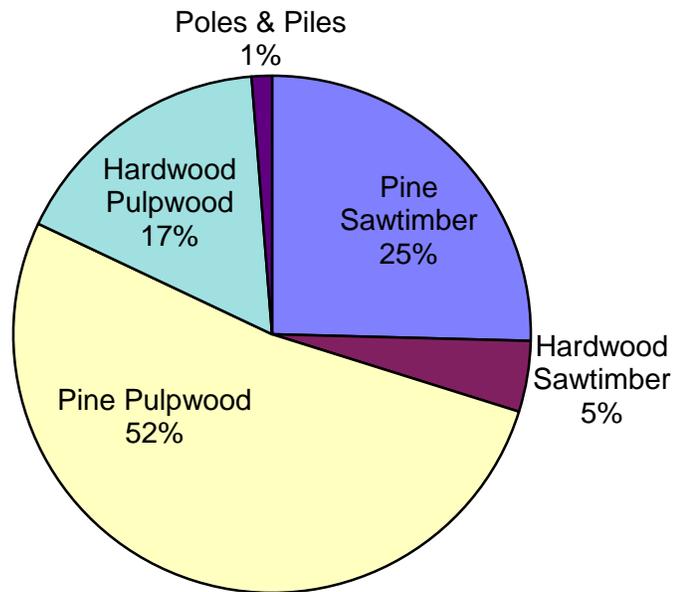
2015 Pine Pulpwood Harvest Removals



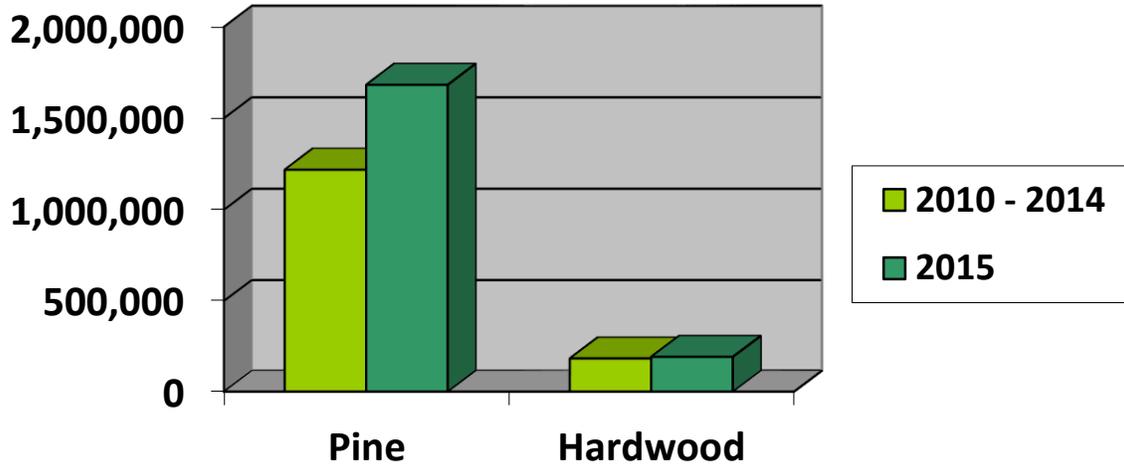
2015 Hardwood Pulpwood Harvest Removals



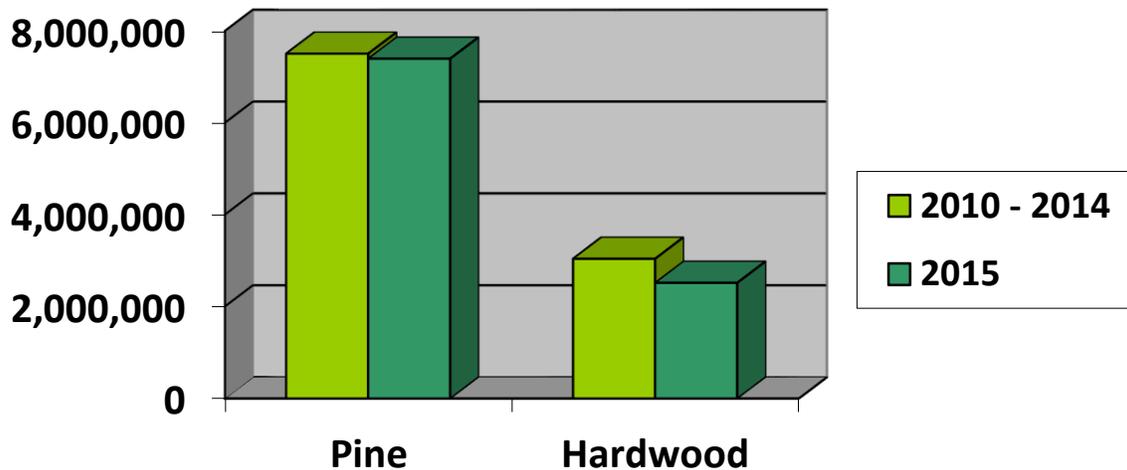
Percentage of Forest Products Harvested by Product Class



Sawtimber Harvest Volumes by Species Group (MBF)



Pulpwood Harvest Volumes by Species Group (Cords)



2015 Timber Price Trends

PRODUCT	2015 Stumpage Prices		2014 Stumpage Prices	
	Price (Region 1)	Price (Region 2)	Price (Region 1)	Price (Region 2)
Pine Sawtimber	\$183/MBF	\$190/MBF	\$186/MBF	\$213/MBF
Hardwood Sawtimber	\$334/MBF	\$312/MBF	\$325/MBF	\$299/MBF
Pine Pulpwood	\$22.71/cord	\$30.02/cord	\$24.87/cord	\$34.69/cord
Hardwood Pulpwood	\$44.66/cord	\$41.50/cord	\$47.33/cord	\$43.97/cord

- The total estimated stumpage revenue generated from the sale of all forest products in 2015 was approximately \$711.2 million, **a decrease of 6.4% from 2014**. The decrease can be attributed to lower stumpage prices in all product categories with the exception of hardwood sawtimber, and decreases in pulpwood harvests.
- The total estimated stumpage revenue generated from the sale of sawtimber **increased by 6.3% from 2014**. Pine sawtimber revenue increased by 5.1% while hardwood sawtimber revenue increased by 13.4%.
- The total estimated stumpage revenue generated from the sale of pulpwood **decreased by 17.6% from 2014**. Pine pulpwood revenue when compared to 2014 decreased by 17.9% and hardwood pulpwood revenue decreased by 17.2% from 2014.

Table 4. Stumpage Revenue from Sale of Forest Products by Product and County for Calendar Year 2015.

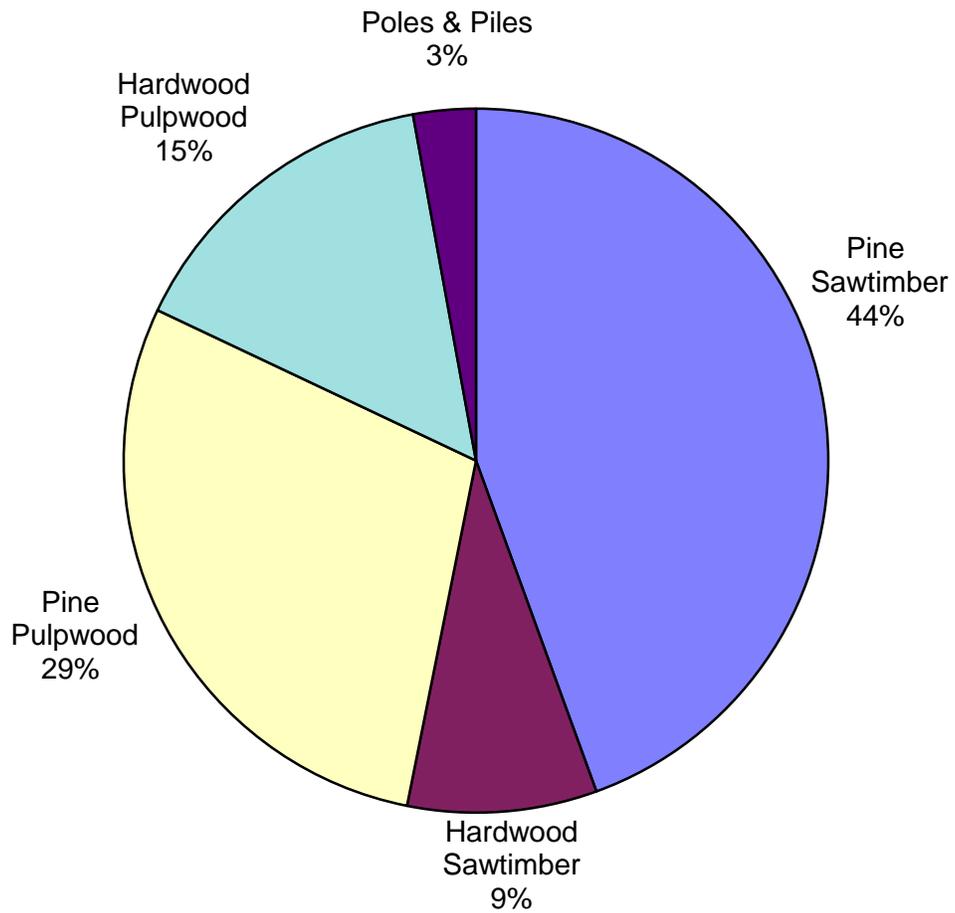
COUNTY	PINE	HARDWOOD a/	PINE	HARDWOOD	POLES AND	TOTAL
	SAWTIMBER	SAWTIMBER	PULPWOOD	PULPWOOD	PILES	
			<i>(thousand dollars)</i>			
Autauga	\$3,327	\$467	\$3,068	\$1,032	\$82	\$7,977
Baldwin	\$7,857	\$820	\$6,425	\$1,039	\$926	\$17,066
Barbour	\$3,688	\$275	\$10,901	\$2,244	\$49	\$17,157
Bibb	\$8,402	\$695	\$2,145	\$2,626	\$1,182	\$15,050
Blount	\$1,067	\$429	\$953	\$1,437	\$29	\$3,915
Bullock	\$2,676	\$267	\$4,592	\$1,125	\$22	\$8,682
Butler	\$28,200	\$99	\$6,514	\$1,951	\$1,743	\$38,507
Calhoun	\$1,142	\$108	\$761	\$772	\$20	\$2,803
Chambers	\$5,300	\$261	\$2,764	\$1,168	\$232	\$9,726
Cherokee	\$1,643	\$506	\$2,114	\$656	\$3	\$4,922
Chilton	\$2,858	\$326	\$2,030	\$1,245	\$83	\$6,543
Choctaw	\$9,925	\$1,642	\$10,187	\$4,515	\$1,100	\$27,369
Clarke	\$14,205	\$7,773	\$10,963	\$5,850	\$2,408	\$41,200
Clay	\$3,984	\$1,166	\$3,089	\$1,954	\$51	\$10,244
Cleburne	\$3,658	\$135	\$3,826	\$1,365	\$35	\$9,019
Coffee	\$4,225	\$95	\$2,255	\$930	\$157	\$7,662
Colbert	\$889	\$611	\$2,609	\$1,001	\$0	\$5,110
Conecuh	\$12,168	\$162	\$5,148	\$2,118	\$954	\$20,549
Coosa	\$5,753	\$516	\$3,442	\$2,194	\$1,101	\$13,006
Covington	\$4,583	\$5	\$4,298	\$1,283	\$438	\$10,606
Crenshaw	\$6,729	\$1,365	\$3,084	\$1,753	\$245	\$13,177
Cullman	\$751	\$1,017	\$956	\$640	\$0	\$3,364

Dale	\$2,309	\$297	\$2,487	\$1,709	\$92	\$6,895
Dallas	\$5,651	\$1,256	\$3,120	\$2,201	\$480	\$12,708
DeKalb	\$344	\$1,445	\$761	\$1,735	\$0	\$4,286
Elmore	\$3,134	\$597	\$2,153	\$1,684	\$398	\$7,967
Escambia	\$4,451	\$27	\$4,285	\$1,400	\$946	\$11,109
Etowah	\$906	\$475	\$892	\$1,515	\$28	\$3,816
Fayette	\$7,228	\$1,088	\$743	\$1,261	\$87	\$10,407
Franklin	\$1,993	\$1,418	\$1,879	\$1,656	\$4	\$6,950
Geneva	\$763	\$67	\$1,272	\$390	\$232	\$2,724
Greene	\$8,487	\$792	\$3,367	\$1,637	\$195	\$14,478
Hale	\$6,624	\$587	\$2,193	\$1,857	\$76	\$11,338
Henry	\$1,609	\$148	\$1,933	\$925	\$0	\$4,615
Houston	\$655	\$24	\$1,991	\$627	\$5	\$3,302
Jackson	\$201	\$2,295	\$615	\$1,493	\$0	\$4,603
Jefferson	\$1,955	\$393	\$1,077	\$1,350	\$73	\$4,848
Lamar	\$7,563	\$1,306	\$2,733	\$1,147	\$43	\$12,792
Lauderdale	\$58	\$1,039	\$609	\$581	\$0	\$2,288
Lawrence	\$698	\$441	\$694	\$1,229	\$0	\$3,062
Lee	\$4,156	\$204	\$3,996	\$1,918	\$142	\$10,416
Limestone	\$371	\$1,046	\$108	\$596	\$0	\$2,120
Lowndes	\$4,578	\$776	\$3,025	\$1,148	\$210	\$9,736
Macon	\$1,932	\$477	\$3,595	\$1,583	\$25	\$7,611
Madison	\$116	\$585	\$65	\$121	\$0	\$887
Marengo	\$5,604	\$7,327	\$4,832	\$3,230	\$632	\$21,625
Marion	\$8,898	\$1,033	\$1,755	\$573	\$38	\$12,297
Marshall	\$245	\$456	\$192	\$460	\$0	\$1,354
Mobile	\$4,540	\$347	\$3,080	\$1,213	\$524	\$9,704
Monroe	\$12,942	\$1,705	\$7,474	\$2,576	\$1,031	\$25,728
Montgomery	\$4,691	\$530	\$2,583	\$985	\$61	\$8,850
Morgan	\$282	\$703	\$275	\$834	\$0	\$2,094
Perry	\$5,345	\$662	\$2,833	\$1,723	\$353	\$10,917
Pickens	\$13,275	\$3,294	\$1,294	\$4,552	\$108	\$22,523
Pike	\$6,337	\$529	\$3,544	\$1,589	\$318	\$12,317
Randolph	\$3,762	\$282	\$2,460	\$1,522	\$24	\$8,050
Russell	\$2,816	\$119	\$4,201	\$1,687	\$0	\$8,823
Shelby	\$2,113	\$296	\$1,702	\$673	\$158	\$4,943
St. Clair	\$2,104	\$325	\$2,271	\$1,655	\$102	\$6,458
Sumter	\$6,411	\$1,397	\$5,959	\$2,123	\$732	\$16,622
Talladega	\$2,128	\$118	\$2,200	\$897	\$21	\$5,363
Tallapoosa	\$6,806	\$514	\$4,883	\$1,983	\$695	\$14,880
Tuscaloosa	\$8,051	\$1,159	\$3,792	\$3,363	\$121	\$16,485
Walker	\$3,246	\$416	\$1,778	\$1,360	\$25	\$6,823
Washington	\$6,723	\$365	\$6,172	\$2,621	\$941	\$16,821
Wilcox	\$9,115	\$1,398	\$4,791	\$2,476	\$603	\$18,383
Winston	\$1,861	\$3,312	\$1,679	\$666	\$4	\$7,522
Total	\$316,106	\$61,813	\$205,468	\$107,424	\$20,385	\$711,196

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



2014 Timber and other Agricultural Commodities Rankings

Timber ranks second in production of all agricultural commodities, and in 2014 accounted for 10.6% of all commodities, with broilers leading the state in agriculture cash receipts. Timber has consistently ranked second in cash receipts for agricultural commodities. Below is a listing of the top 5 producers.

						2014
Commodity	2010	2011	2012	2013	2014	Ranking
<i>thousand dollars</i>						
Broilers	\$2,789,300	\$2,671,500	\$2,810,100	\$3,564,400	\$3,854,200	1
Forest Products*	\$596,700	\$511,800	\$595,800	\$675,100	\$759,600	2
Cattle and Calves	\$387,600	\$395,700	\$505,000	\$467,200	\$669,600	3
Eggs	\$291,300	\$322,700	\$352,000	\$388,800	\$400,700	4
Cotton	\$234,700	\$269,600	\$307,400	\$261,900	\$316,600	5

2013-14 Forest Industry Statistics

Alabama's forest industry is the state's second largest manufacturing industry, producing an estimated \$14.8 billion worth of products in 2013. Of this total, \$8.8 billion was comprised of pulp and paper products, \$4.1 billion came from the production of lumber and other wood products, and \$1.9 billion came from the production of furniture and other secondary wood products. The value-added contribution of the forest industry in 2013 is estimated at \$7.7 billion, or approximately 52% of the total shipment value.

(Source: U.S. Census Bureau and AIDT Forest Products Development Center)

NAICS	Industry	Employees (number)	Payroll (\$million)	Value-Added (\$million)	Value of Shipments (\$million)
113	Forestry & Logging	5,810	261.0	N/A	N/A
321	Lumber & Wood Products	15,270	575.6	1,745.3	4,127.4
322	Pulp & Paper Products	11,713	899.1	4,561.5	8,798.3
337	Furniture & Related Products	9,670	345.1	1,391.7	1,909.4
TOTAL		42,463	2,080.8	7,698.5	14,835.1

Alabama's pulp & paper industry is not only one of the largest in the United States but also one of the largest in the world. Alabama ranks 2nd in the United States in pulp production and paper production. If Alabama was a country it would rank 9th in the world in pulp production and 13th in paper production.

(Source: AIDT Forest Products Development Center)

Alabama is also a major producer of solid wood products. In 2013, an estimated 2.16 billion board feet of lumber was produced in Alabama, 83% of which was from southern yellow pine. Alabama also produced 1.78 billion square feet of wood panels in 2013. Alabama ranks 6th in the U.S. in lumber production and 8th in wood panel production. *(Source: U.S. Dep't. of Commerce and AIDT Forest Products Development Center)*

Alabama's forest industry has been one of the state's most consistent sources of new investment. Forest industry investments in 2014 totaled \$641 million. *(Source: U.S. Census Bureau, and Alabama Department of Commerce)*

2015 Forest Products Investments in New & Expanding Businesses

- During 2015, there were 43 announcements of new and expanding businesses; 4 new and 39 expansions of existing industries. There were 13 more announcements in 2015 than 2014.
- A total of 917 jobs were created which is 11 more than were created in 2014.
- The money invested in the 43 new and expanding industries amounted to \$897 million which is \$256 million more than that invested in 2014.

2015 New & Expanding Announcements Forestry Products

Source: Alabama Department of Commerce 5-10-2016

NO	NEW/EXP	COUNTY	COMPANY	CITY	NAICS	BUSINESS ACTIVITY	JOBS	INVESTMENT
1	E	Autauga	International Paper	Prattville	322130	Kraft Linerboard, Industrial Packaging	20	\$308,260,000
2	E	Barbour	Garrison Brothers Lumber Company	Eufaula	333210	Planer Mill	2	\$0
3	E	Barbour	M C Dixon Lumber Company Inc.	Eufaula	321113	Yellow Pine Lumber	0	\$2,000,000
4	E	Bibb	Cahaba Veneer Inc.	Centreville	321211	Hardwood Veneer	15	\$0
5	E	Chilton	Maplesville Tie & Timber Company	Maplesville	321114	Manufacturing Railroad Crossties	7	\$100,000
6	E	Chilton	South Coast Paper	Maplesville	322230	Custom Converter of Cut Size Papers	35	\$1,000,000
7	E	Chilton	Specialty Wood Products	Clanton	321920	Wood Display Fixtures; Flower & Fruit Baskets	0	\$500,000
8	E	Chilton	Stella-Jones Corporation	Clanton	321911	Manufacturing Pressure Treated Wood Products	20	\$1,900,000
9	E	Chilton	West Fraser Lumber	Maplesville	321113	Lumber	0	\$500,000
10	E	Clarke	Louisiana-Pacific Corporation	Thomasville	321219	Oriented Strand Board (OSB)	20	\$20,000,000
11	E	Colbert	SCA Tissue North America LLC	Cherokee	322121	Sanitary Tissue Paper Products	20	\$13,350,000
12	E	Covington	Huhtamaki	Andalusia	322231	Folding Cartons	4	\$0
13	E	Cullman	Louisiana-Pacific Corporation	Hanceville	321219	Oriented Strand Board (OSB)	0	\$12,000,000
14	E	Cullman	Morton Buildings Inc.	Cullman	321992	Timber Column Buildings	3	\$0
15	E	Cullman	Rock Tenn	Cullman	333514	Corrugated Packaging	0	\$30,000
16	E	Cullman	Rusken Packaging Inc.	Cullman	322211	Corrugated Boxes	29	\$3,160,000
17	E	Dallas	International Paper Co.	Selma	322121	Paper	46	\$0
18	E	Dallas	PalletOne of Alabama LLC	Selma	321920	Pallet Stock	30	\$1,305,000
19	E	Dallas	Zilkha Biomass Energy	Selma	321113	"Black" Wood Pellets for Export	65	\$50,000,000
20	E	Elmore	Gulf Packing, Inc.	Tallasse	322211	Box Manufacturer	0	\$170,000
21	E	Elmore	IndustREE Logging, Inc.	Wetumpka	113310	Wood Product Manufacturing	8	\$3,400,000
22	E	Escambia	Georgia-Pacific Corporation	Brewton	322211	Corrugated & Solid Fiber Boxes	4	\$400,000,000
23	E	Escambia	T R Miller Mill Company Inc.	Brewton	321114	Treated Wood Poles	0	\$3,700,000
24	N	Fayette	Parkview Cabinets	Fayette	337110	Wood Cabinets	10	\$150,000
25	E	Franklin	Franklin Homes Inc.	Russellville	321991	Factory Built Housing	103	\$7,000,000
26	E	Houston	Wholesale Wood Products	Dothan	321912	West Coast Lumber/Cypress	3	\$200,000
27	E	Jefferson	ALG Labels & Graphics	Birmingham	322222	Pressure Sensitive Labels	3	\$100,000
28	E	Jefferson	Cabinet Components	Bessemer	337110	Manufacturing Cabinet Doors	25	\$1,255,100
29	N	Lamar	Max Home LLC	Sulligent	337122	Upholstered Furniture Manufacturing	200	\$1,650,000
30	E	Lauderdale	R G Darby Company Inc.	Florence	321911	Prehung Doors & Millwork	5	\$500,000
31	E	Lee	All State Packaging Company Inc.	Opelika	322211	Paperboard Boxes & Cartons	6	\$1,000,000
32	E	Lee	Masterbrand Cabinets Inc.	Auburn	337110	Kitchen, Bath and Cabinetry	126	\$6,506,000
33	E	Marion	Lil' Lodges	Bear Creek	321991	Manufactured Cabins	20	\$3,000,000
34	E	Marshall	Huhtamaki Foodservice Inc.	Albertville	322215	Disposable Molded Fiber Plates	0	\$2,250,000
35	E	Monroe	Alabama River Cellulose LLC	Perdue Hill	322110	Market Pulp & Fluff Cellulose	0	\$27,600,000
36	E	Montgomery	Capitol Container Inc.	Montgomery	322211	Corrugated Boxes	15	\$1,925,000
37	E	Montgomery	Varner Woodwork	Montgomery	337110	Custom Wood and Plastic Laminate Cabinets	0	\$1,150,000
38	E	Montgomery	WestRock	Montgomery	322211	Corrugated Boxes	0	\$8,500,000
39	E	Morgan	Sonoco Products-Wood Reels	Hartselle	321999	Plywood Reels	8	\$0
40	N	Sumter	K&Z, LLC	York	322211	Cardboard Box Manufacturing	0	\$100,000
41	N	Sumter	Southwest Paper Sales Inc.	Livingston	322211	Counter Rolls	25	\$400,000
42	E	Sumter	Prystup Packaging Products Inc.	Livingston	322212	Folding Cartons	25	\$12,000,000
43	E	Winston	Pinecrafter, Inc.	Haleyville	337122	Wood Bedroom Furniture	15	\$400,000

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 Commerce - Website address: www.madeinalabama.com

Alabama Department of Revenue - Website address: www.ador.alabama.gov

Forest2Market - Website address: www.forest2market.com

Forest Inventory & Analysis EVALIDator 4.01 - Website address: www.fia.fs.fed.us

Ken Muehlenfeld - Director, Forest Products Development Center - AIDT

Southern Forest Products Association - Website address: www.sfpa.org

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

USDA - Economic Research Service - Website address: www.ers.usda.gov

Virginia Tech University - Website address: www.vt.edu

Wood Resources International LLC - Website address: www.wri-ltd.com

ACKNOWLEDGEMENTS

This report was developed by:

Brian Hendricks, Forest Inventory & Analysis (FIA) Coordinator, Alabama Forestry Commission.