



FOREST RESOURCE REPORT 2011

ALABAMA FORESTRY COMMISSION

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FOREST RESOURCE REPORT 2011

By
Alabama Forestry Commission (AFC)

This report contains several economic status indicators of the forest resources and forest industry in Alabama for 2011. Included in this report are the following indicators:

- 2011 FIA Timberland Acreage Statistics by County and Forestry Commission Region
- 2011 FIA Timber Inventory Statistics by County and Forestry Commission Region
- 2011 Timber Harvests Volume by County
- 2011 Timber Price Trends
- 2010 Timber and other Agricultural Commodities Rankings (*latest statistics available*)
- 2010 Forest Industry Statistics (*latest statistics available*)
- 2011 Forest Products Investments in New & Expanding Businesses

ALABAMA'S FOREST RESOURCE

Timberland Acreage

- Alabama timberland covers 22.8 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. Of the privately-owned land, 11% is owned by forest industries (companies that own a wood processing plant) and 83% is owned by non-industrial private sector.
- Alabama forests are comprised of 44% hardwood stands, 42% softwood (mostly pine) stands and 14% mixed pine/hardwood stands.

TIMBERLAND ACRES BY FOREST TYPE - NORTH REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
<i>Acres</i>				
Colbert	215,896	43,422	9,834	162,640
DeKalb	177,699	55,936	17,902	103,861
Franklin	281,315	87,121	28,235	165,959
Jackson	429,577	25,915	27,485	376,177
Lauderdale	164,570	28,485	6,479	129,606
Lawrence	203,486	43,053	21,311	139,122
Limestone	106,753	2,171	7,134	97,448
Madison	178,578	33,075	21,966	123,537
Marion	352,246	150,934	45,894	155,418
Marshall	150,446	30,483	13,555	106,408
Morgan	198,355	22,797	19,464	156,094
Winston	319,210	103,243	54,051	161,916
Total	2,778,131	626,635	273,310	1,878,186

TIMBERLAND ACRES BY FOREST TYPE - NORTHWEST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
<i>Acres</i>				
Bibb	333,900	150,018	64,828	119,054
Dallas	418,233	153,701	37,855	226,677
Fayette	328,137	138,034	37,879	152,224
Greene	310,127	112,893	40,946	156,288
Hale	279,898	123,186	28,512	128,200
Lamar	318,840	112,431	29,376	177,033
Perry	354,917	191,708	40,781	122,428
Pickens	466,274	196,544	60,965	208,765
Sumter	445,574	186,267	62,418	196,889
Tuscaloosa	679,417	267,101	101,467	310,849
Walker	388,925	158,709	51,913	178,303
Total	4,324,242	1,790,592	556,940	1,976,710

TIMBERLAND ACRES BY FOREST TYPE - NORTHEAST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Blount	224,609	101,671	40,508	82,430
Calhoun	196,327	73,716	32,391	90,220
Cherokee	240,854	94,060	51,464	95,330
Clay	301,295	100,182	44,885	156,228
Cleburne	270,916	88,086	67,815	115,015
Cullman	229,893	61,430	23,114	145,349
Etowah	196,310	58,898	28,884	108,528
Jefferson	403,164	159,059	86,873	157,232
Randolph	275,799	122,712	26,876	126,211
St. Clair	319,443	82,802	50,188	186,453
Shelby	354,194	145,114	75,299	133,781
Talladega	306,311	135,503	54,750	116,058
Total	3,319,112	1,223,230	583,047	1,512,835

TIMBERLAND ACRES BY FOREST TYPE - EAST CENTRAL REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Autauga	303,065	159,617	32,162	111,286
Chambers	312,014	162,492	38,708	110,814
Chilton	312,271	86,131	85,994	140,146
Coosa	386,427	172,744	34,446	179,237
Elmore	248,804	102,484	39,183	107,137
Lee	254,771	131,465	52,369	70,937
Lowndes	303,668	143,441	33,688	126,539
Macon	318,379	149,073	47,669	121,637
Montgomery	252,362	56,980	46,261	149,121
Russell	305,964	150,224	26,365	129,375
Tallapoosa	389,235	182,837	67,677	138,721
Total	3,386,961	1,497,487	504,523	1,384,951

TIMBERLAND ACRES BY FOREST TYPE - SOUTHWEST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Baldwin	720,068	379,269	121,420	219,379
Choctaw	522,691	274,020	78,628	170,043
Clarke	750,817	401,319	106,441	243,057
Conecuh	446,438	224,552	64,356	157,530
Escambia	474,263	295,633	54,559	124,071
Marengo	477,653	183,719	75,760	218,174
Mobile	501,400	233,607	61,059	206,734
Monroe	570,576	307,392	76,225	186,959
Washington	635,151	323,691	98,822	212,638
Wilcox	508,725	265,031	61,834	181,860
Total	5,607,781	2,888,235	799,103	1,920,443

TIMBERLAND ACRES BY FOREST TYPE - SOUTHEAST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Barbour	431,124	205,525	59,846	165,753
Bullock	316,521	149,418	53,150	113,953
Butler	397,736	217,899	44,232	135,605
Coffee	222,972	88,172	29,450	105,350
Covington	490,341	295,594	79,457	115,290
Crenshaw	316,321	142,442	31,690	142,189
Dale	256,408	79,925	47,907	128,576
Geneva	220,307	86,439	41,359	92,509
Henry	245,650	111,419	35,267	98,964
Houston	177,620	71,731	18,893	86,996
Pike	309,156	129,759	45,726	133,671
Total	3,384,158	1,578,322	486,978	1,318,858

NOTES: Statistics come from 2011 Forest Inventory & Analysis (FIA) data.

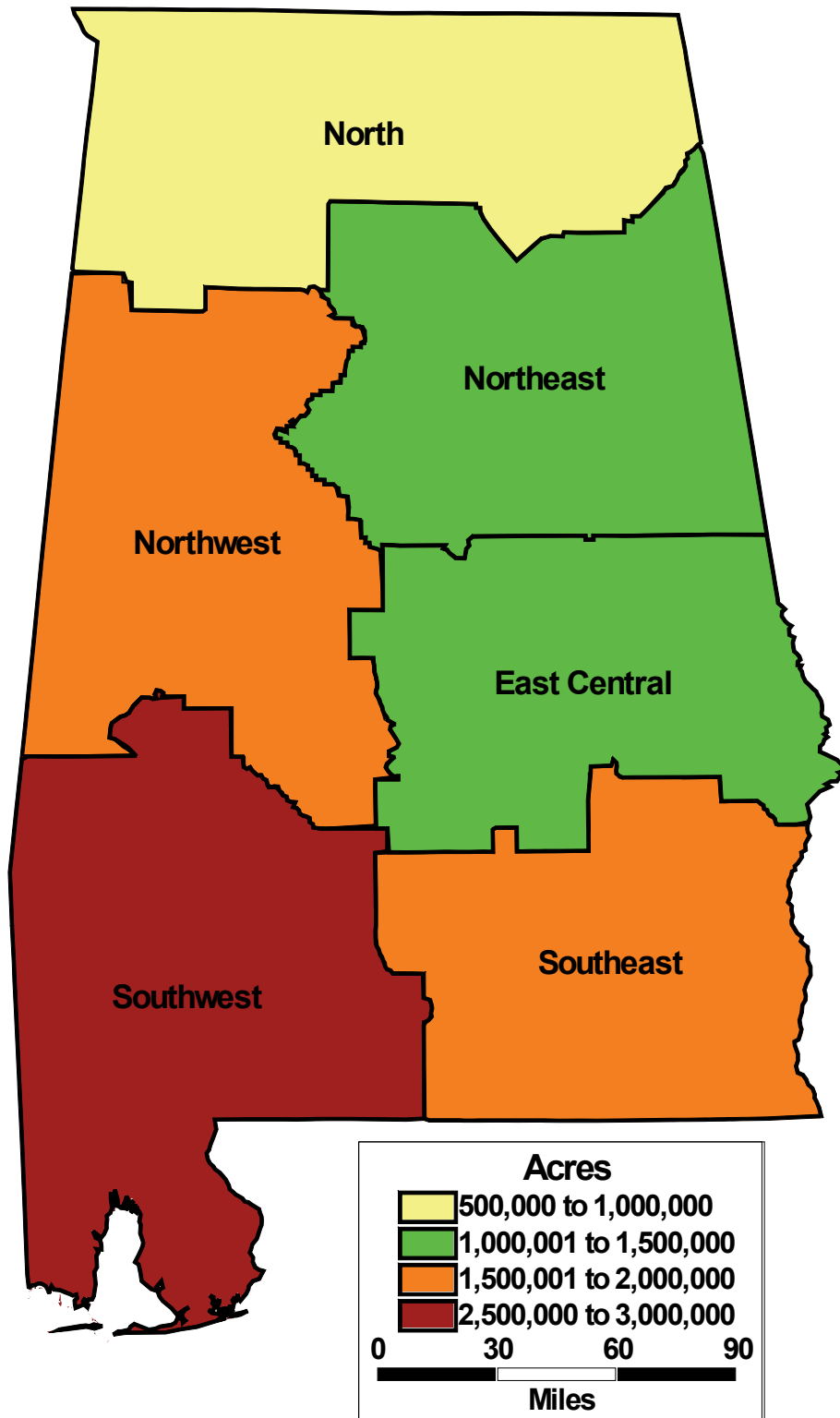
A very small portion (1%) of timberland acres is classified as “non-stocked” by FIA guidelines. The “non-stocked” acres have been included in the “oak-pine” category.

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

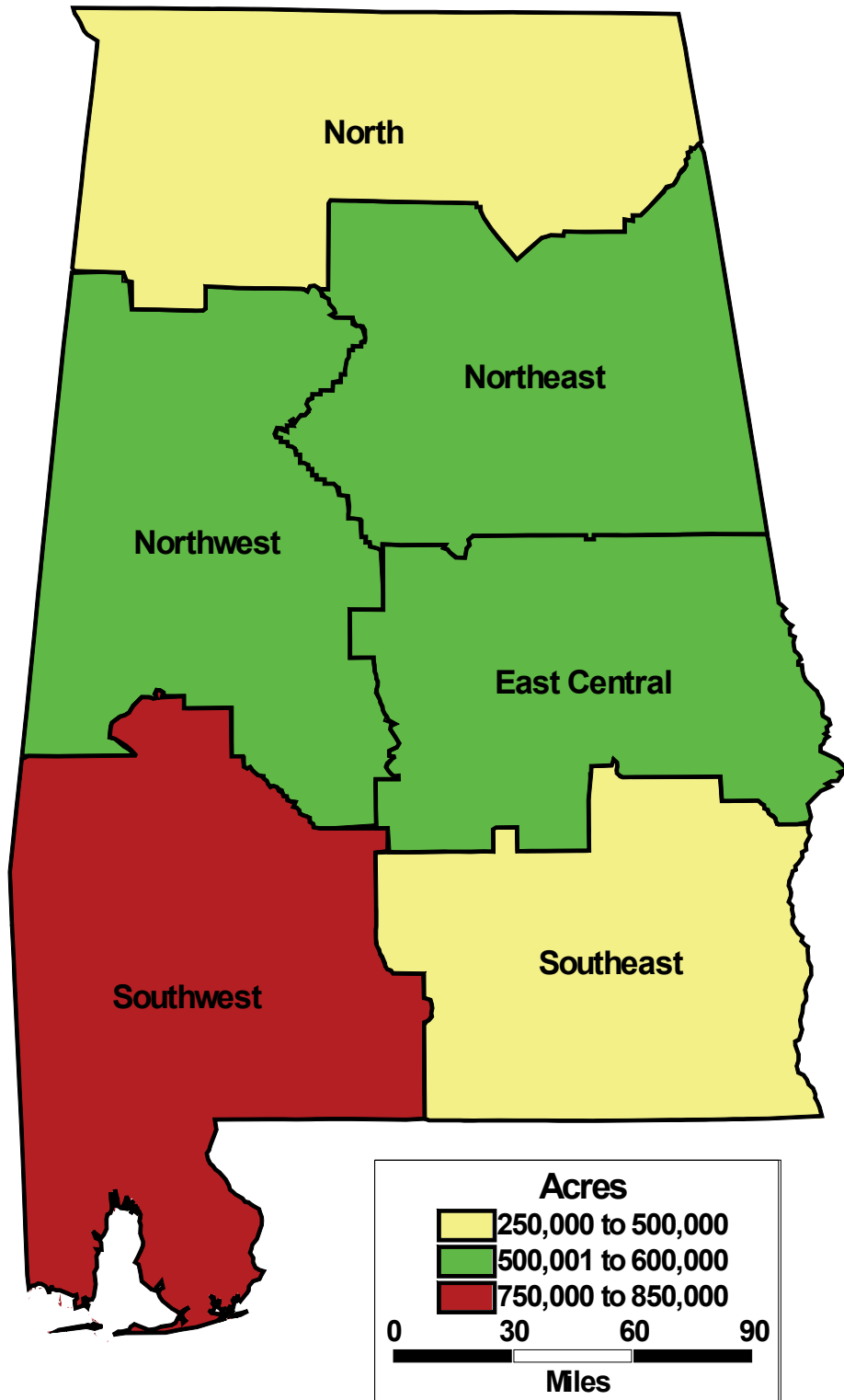
Numbers in rows and columns may not sum due to rounding.

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

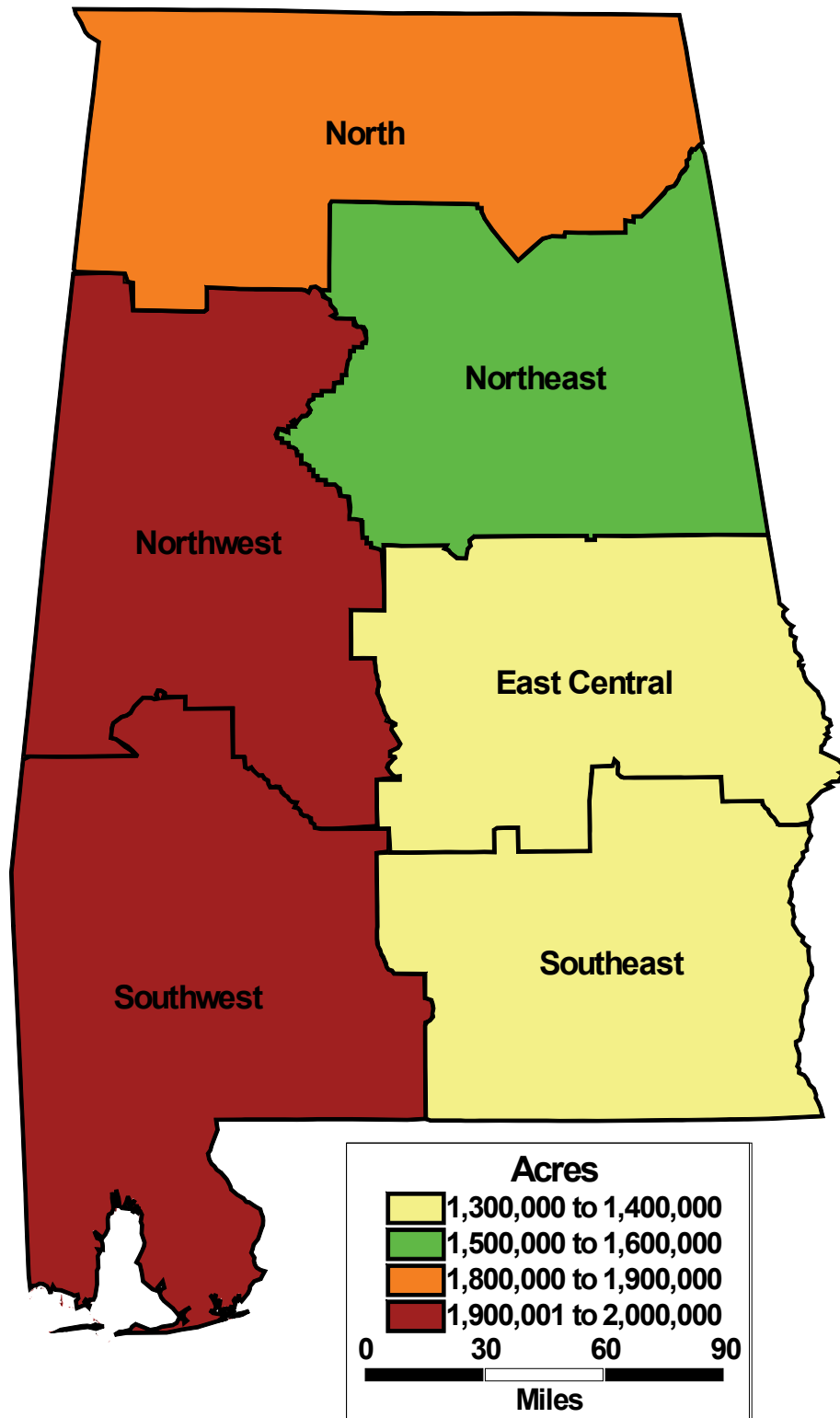
Timberland Acres by AFC Region and Forest Type Group - SOFTWOODS



Timberland Acres by AFC Region and Forest Type Group - MIXED



Timberland Acres by AFC Region and Forest Type Group - HARDWOODS



- Sawtimber-sized stands comprise 46% of Alabama’s timberland, while 27% of forest stands are comprised of mostly pulpwood-sized timber. Seedling/sapling-sized stands account for the remaining 27% of timberland acreage.

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTH REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Colbert	215,896	96,296	69,118	50,482
DeKalb	177,699	101,616	45,584	30,499
Franklin	281,315	110,025	102,575	68,715
Jackson	429,577	284,093	117,389	28,095
Lauderdale	164,569	85,568	56,128	22,873
Lawrence	203,486	112,735	51,853	38,898
Limestone	106,754	69,406	18,283	19,065
Madison	178,578	138,829	23,864	15,885
Marion	352,246	104,685	137,426	110,135
Marshall	150,446	95,489	5,064	49,893
Morgan	198,355	134,196	26,504	37,655
Winston	319,210	161,345	57,237	100,628
Total	2,778,131	1,494,283	711,025	572,823

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Bibb	333,900	174,281	59,099	100,520
Dallas	418,232	206,021	105,667	106,544
Fayette	328,137	115,869	124,771	87,497
Greene	310,127	149,106	68,398	92,623
Hale	279,897	137,092	80,921	61,884
Lamar	318,840	126,422	99,273	93,145
Perry	354,918	145,701	95,671	113,546
Pickens	466,275	161,618	140,702	163,955
Sumter	445,574	173,445	135,358	136,771
Tuscaloosa	679,416	336,101	162,501	180,814
Walker	388,925	185,111	116,816	86,998
Total	4,324,240	1,910,767	1,189,178	1,224,295

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Blount	224,609	111,058	59,657	53,894
Calhoun	196,327	112,843	46,279	37,205
Cherokee	240,854	127,411	58,252	55,191
Clay	301,295	129,458	120,857	50,980
Cleburne	270,915	158,862	78,324	33,729
Cullman	229,893	95,276	90,324	44,293
Etowah	196,309	132,138	23,264	40,907
Jefferson	403,165	217,789	97,543	87,833
Randolph	275,798	135,717	66,482	73,599
St. Clair	319,443	184,702	67,742	66,999
Shelby	354,192	159,585	98,341	96,266
Talladega	306,312	135,921	85,818	84,573
Total	3,319,111	1,700,760	892,882	725,469

TIMBERLAND ACRES BY FOREST STAND SIZE - EAST CENTRAL REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Autauga	303,065	106,780	94,982	101,303
Chambers	312,013	145,402	75,578	91,033
Chilton	312,270	135,252	115,827	61,191
Coosa	386,428	150,486	104,844	131,098
Elmore	248,803	115,452	105,819	27,532
Lee	254,770	104,336	79,805	70,629
Lowndes	303,668	129,612	87,893	86,163
Macon	318,381	203,469	57,642	57,270
Montgomery	252,361	153,009	47,087	52,265
Russell	305,964	129,509	116,263	60,192
Tallapoosa	389,235	159,706	145,919	83,610
Total	3,386,961	1,533,013	1,031,661	822,287

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Baldwin	720,067	284,385	258,328	177,354
Choctaw	522,691	227,575	118,169	176,947
Clarke	750,817	356,274	139,215	255,328
Conecuh	446,438	179,613	95,726	171,099
Escambia	474,263	133,624	114,743	225,896
Marengo	477,652	201,275	107,876	168,501
Mobile	501,400	230,325	109,186	161,889
Monroe	570,576	241,312	134,979	194,285
Washington	635,150	294,522	209,475	131,153
Wilcox	508,725	222,285	128,566	157,874
Total	5,607,781	2,371,190	1,416,265	1,820,326

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Barbour	431,124	205,004	103,945	122,175
Bullock	316,521	154,604	84,089	77,828
Butler	397,738	158,496	149,391	89,851
Coffee	222,973	71,552	84,468	66,953
Covington	490,342	242,823	156,817	90,702
Crenshaw	316,322	208,112	41,984	66,226
Dale	256,407	134,740	41,197	80,470
Geneva	220,308	110,867	55,467	53,974
Henry	245,651	88,996	63,797	92,858
Houston	177,619	89,175	55,441	33,003
Pike	309,156	125,338	96,599	87,219
Total	3,384,160	1,589,707	933,194	861,259

NOTES: Statistics come from 2011 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:

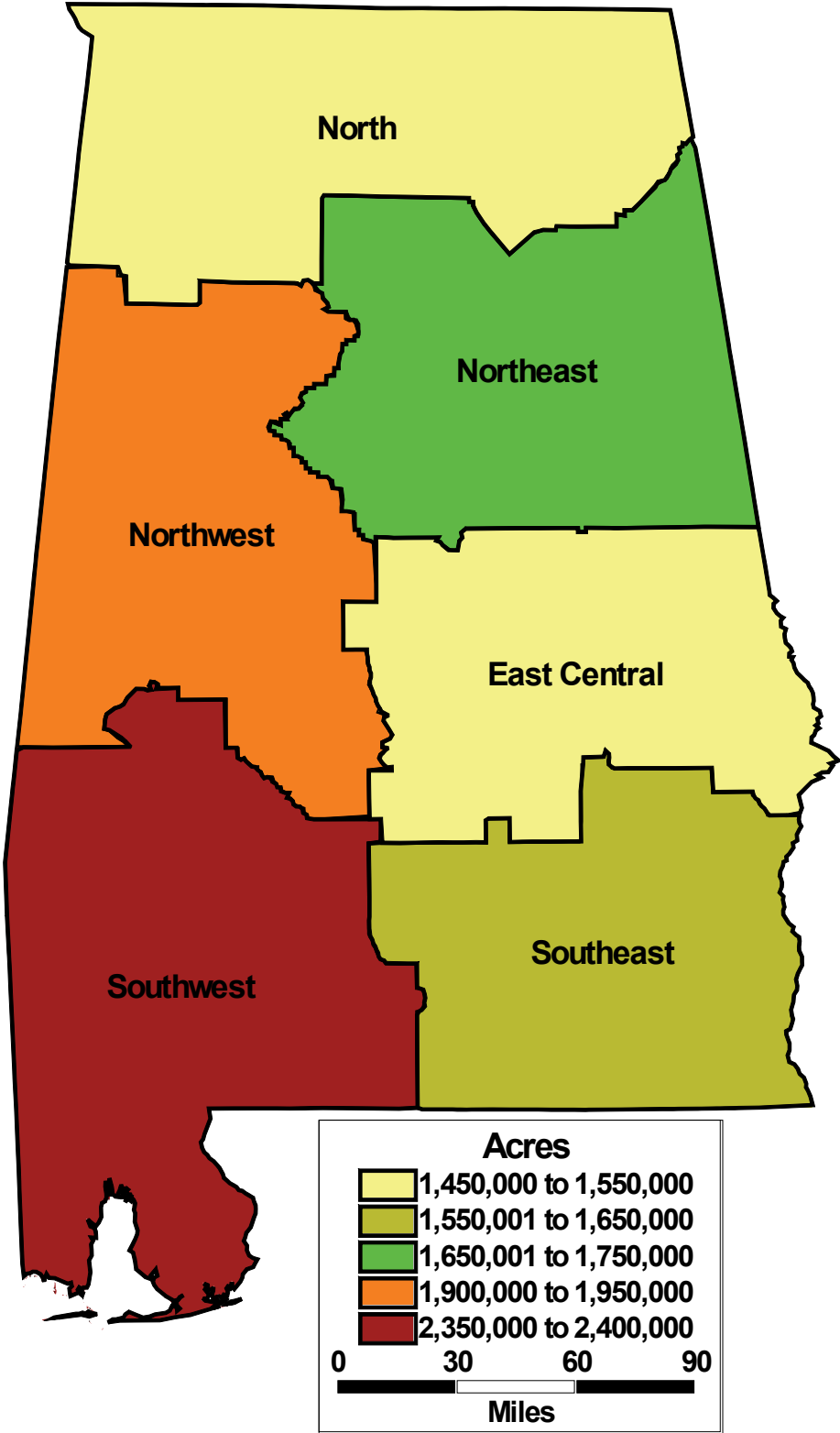
In a stand where seedlings/saplings make up over 50% of the crown cover but less than 67%, stand size is determined by the predominance of either pulpwood-sized trees or sawtimber-sized trees. EXAMPLE: In a two-storied pine shelterwood stand comprised of sawtimber and pulpwood-sized trees in the upper 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 acres is classified as “non-stocked” by FIA guidelines. The “non-stocked” acres have been included in the “seedling/sapling” category.

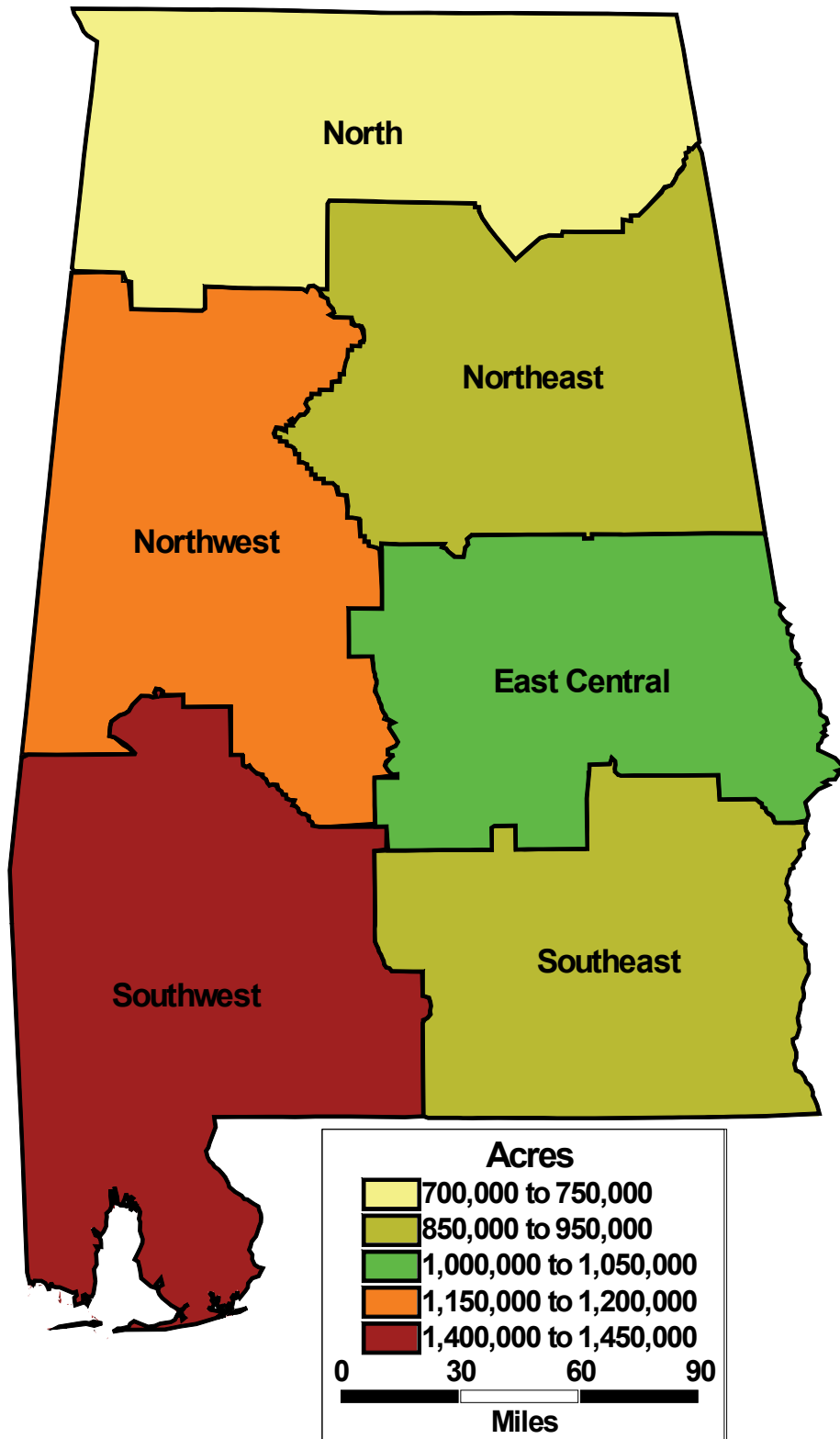
A tract of timberland is classified as “non-stocked” if at the time the FIA plot was inventoried there was <10% stocking of trees. This situation occurs on sites that have recently been clearcut.

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

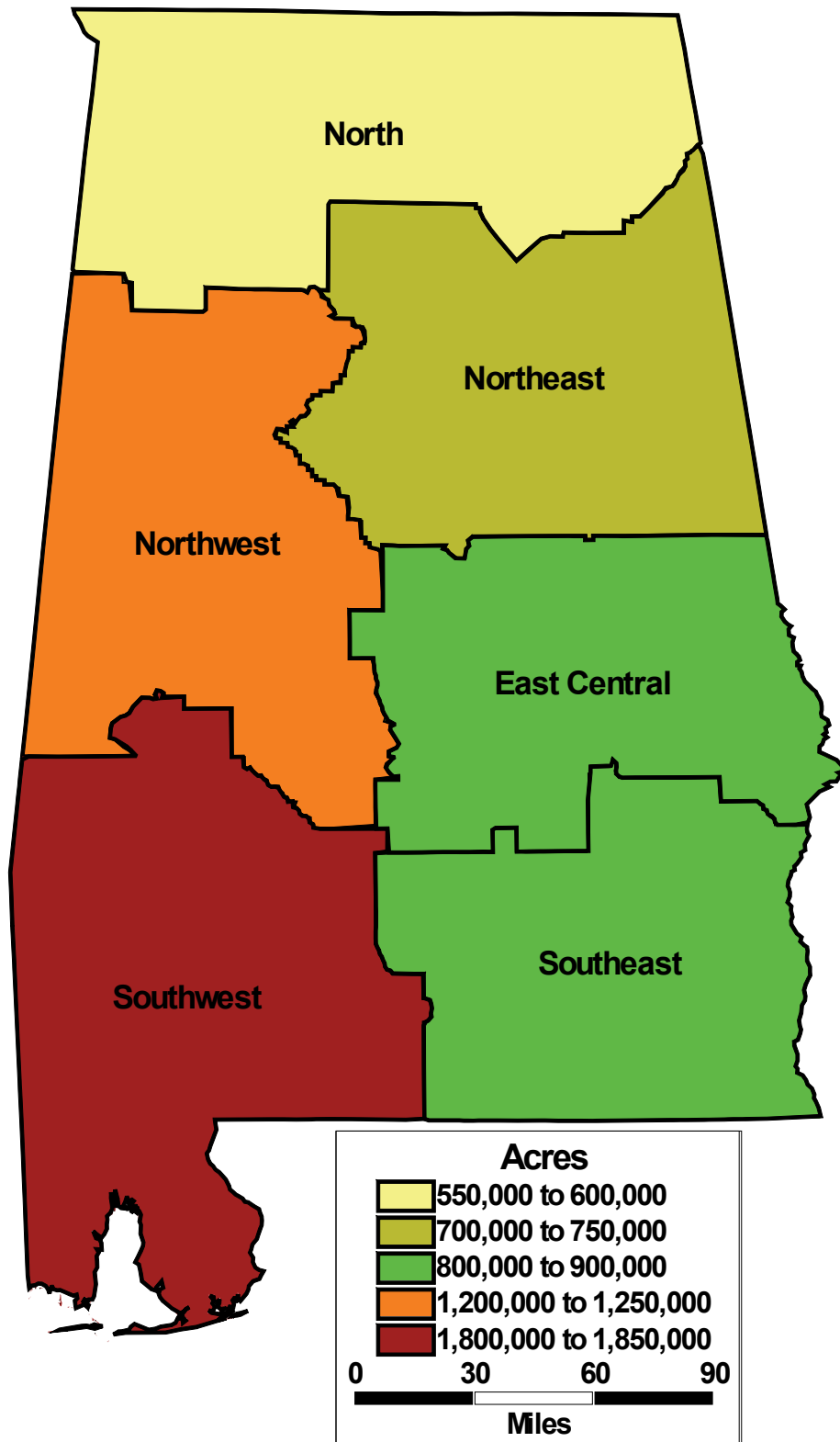
Timberland Acres by AFC Region and Stand Size - SAWTIMBER



Timberland Acres by AFC Region and Stand Size - PULPWOOD



Timberland Acres by AFC Region and Stand Size - SEEDLING/SAPLING



Timber Volume

- There are 532.6 million tons of softwood growing stock volume and 577.1 million tons of hardwood growing stock volume in Alabama.
- Since 2000 total growing stock volume (tons) has increased by 12.0%; softwood volume has increased by 19.3% and hardwood volume has increased by 5.6%.
- There are approximately 891.5 million dry tons of 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 20% 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; 54% more than the Northwest Region which ranks second.
- The North Region has the most hardwood volume; 5.1% more than the Northwest Region which ranks second.

GROWING STOCK VOLUME BY SPECIES GROUP - NORTH REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	11,861,087	2,926,448	8,934,639
DeKalb	10,089,566	3,221,265	6,868,302
Franklin	12,896,733	4,810,418	8,086,314
Jackson	29,482,513	2,283,577	27,198,936
Lauderdale	8,236,953	1,223,272	7,013,680
Lawrence	12,211,860	4,217,221	7,994,639
Limestone	7,092,305	292,226	6,800,080
Madison	13,664,432	2,632,356	11,032,076
Marion	14,879,507	8,073,097	6,806,410
Marshall	8,701,431	1,742,958	6,958,473
Morgan	14,333,873	2,880,644	11,453,229
Winston	17,537,495	7,368,381	10,169,113
Total	160,987,754	41,671,863	119,315,891

GROWING STOCK VOLUME BY SPECIES GROUP - NORTHWEST REGION

County	Total	Softwoods	Hardwoods
Tons			
Bibb	20,382,665	10,519,295	9,863,371
Dallas	16,341,065	5,916,642	10,424,424
Fayette	16,185,105	8,469,824	7,715,282
Greene	15,345,988	5,533,070	9,812,918
Hale	15,182,433	6,715,223	8,467,210
Lamar	16,613,312	6,325,810	10,287,501
Perry	14,361,246	8,594,675	5,766,570
Pickens	21,495,701	10,120,481	11,375,220
Sumter	19,548,024	8,705,308	10,842,716
Tuscaloosa	34,743,443	16,225,307	18,518,136
Walker	18,629,225	8,216,758	10,412,468
Total	208,828,208	95,342,393	113,485,815

GROWING STOCK VOLUME BY SPECIES GROUP - NORTHEAST REGION

County	Total	Softwoods	Hardwoods
Tons			
Blount	11,333,561	5,209,952	6,123,609
Calhoun	11,477,389	4,622,836	6,854,553
Cherokee	11,774,549	5,164,204	6,610,345
Clay	16,427,232	8,198,633	8,228,599
Cleburne	16,790,756	8,742,214	8,048,541
Cullman	12,175,282	3,691,154	8,484,128
Etowah	11,420,802	3,380,236	8,040,566
Jefferson	24,076,770	11,928,074	12,148,695
Randolph	13,283,468	7,512,535	5,770,933
St. Clair	17,925,826	6,573,108	11,352,718
Shelby	18,736,907	8,508,286	10,228,621
Talladega	15,307,369	8,921,492	6,385,877
Total	180,729,911	82,452,724	98,277,187

GROWING STOCK VOLUME BY SPECIES GROUP - EAST CENTRAL REGION

County	Total	Softwoods	Hardwoods
Tons			
Autauga	10,994,132	5,778,105	5,216,027
Chambers	13,635,959	7,867,539	5,768,420
Chilton	13,214,694	5,784,775	7,429,919
Coosa	15,645,806	9,359,804	6,286,002
Elmore	13,038,213	6,556,585	6,481,628
Lee	12,883,729	7,434,695	5,449,035
Lowndes	12,252,166	6,902,285	5,349,880
Macon	16,069,536	7,937,121	8,132,415
Montgomery	13,642,925	3,802,088	9,840,837
Russell	13,232,672	5,841,041	7,391,631
Tallapoosa	18,690,488	10,204,019	8,486,469
Total	153,300,319	77,468,057	75,832,263

GROWING STOCK VOLUME BY SPECIES GROUP - SOUTHWEST REGION

County	Total	Softwoods	Hardwoods
Tons			
Baldwin	32,817,374	19,785,164	13,032,210
Choctaw	29,780,812	17,882,905	11,897,907
Clarke	32,662,698	19,691,438	12,971,259
Conecuh	16,281,831	9,403,075	6,878,757
Escambia	15,182,649	11,332,304	3,850,345
Marengo	23,327,379	9,415,630	13,911,749
Mobile	19,432,101	11,804,713	7,627,388
Monroe	26,480,409	16,071,192	10,409,216
Washington	31,295,110	20,128,274	11,166,836
Wilcox	22,794,892	11,529,677	11,265,215
Total	250,055,255	147,044,373	103,010,882

GROWING STOCK VOLUME BY SPECIES GROUP - SOUTHEAST REGION

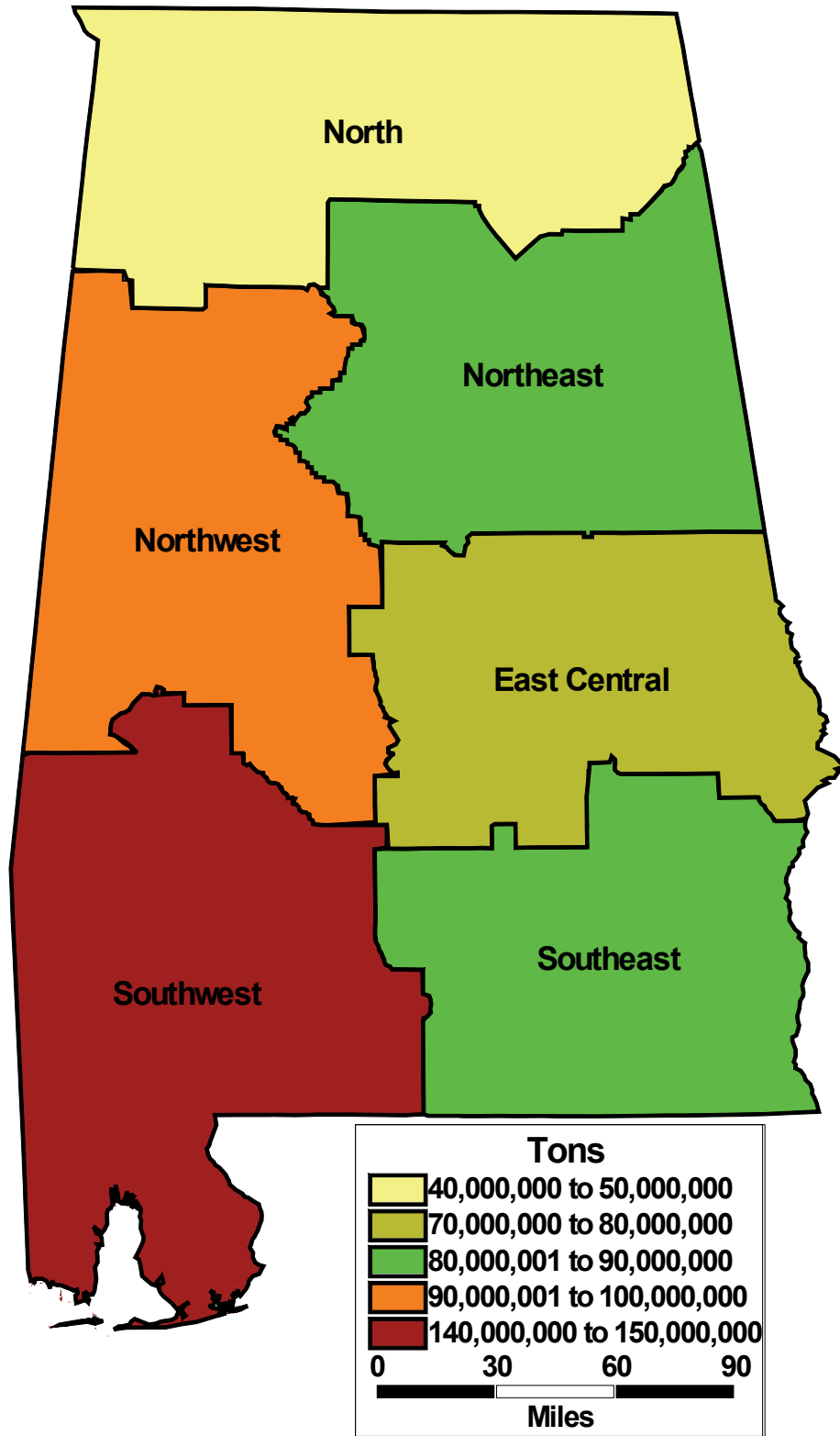
County	Total	Softwoods	Hardwoods
Tons			
Barbour	20,005,060	11,419,457	8,585,603
Bullock	14,357,852	8,137,639	6,220,213
Butler	16,885,342	10,894,880	5,990,462
Coffee	8,928,575	5,701,435	3,227,139
Covington	20,878,100	14,884,139	5,993,961
Crenshaw	17,520,048	9,386,776	8,133,273
Dale	13,433,992	4,986,946	8,447,045
Geneva	11,709,561	6,732,882	4,976,679
Henry	9,149,431	4,521,217	4,628,214
Houston	8,916,203	3,893,609	5,022,594
Pike	13,969,760	8,011,822	5,957,938
Total	155,753,924	88,570,802	67,183,122

NOTES: Statistics come from 2011 Forest Inventory & Analysis (FIA) data.

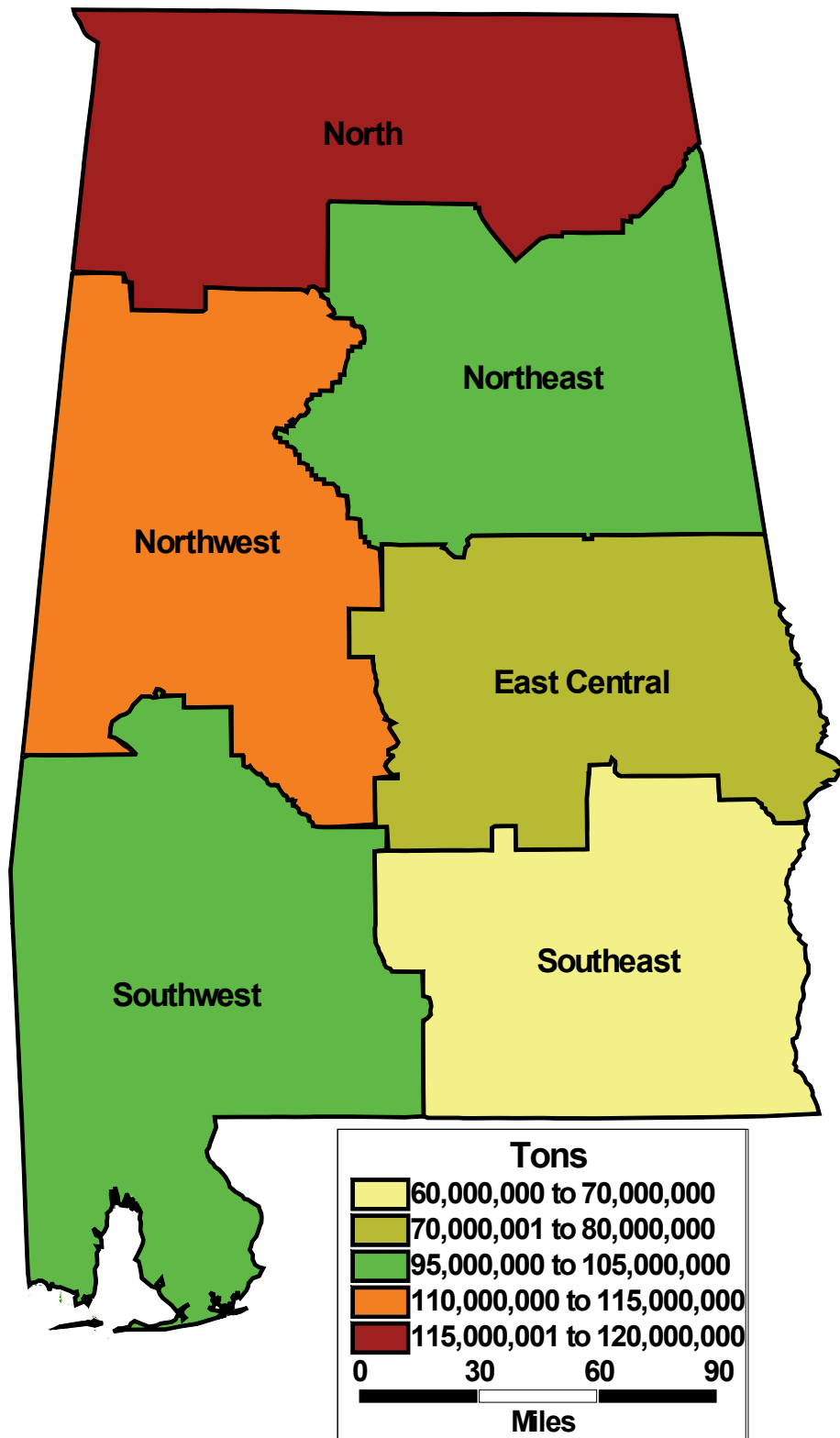
“Growing stock” refers to high-quality trees capable of producing lumber, veneer, poles, or ties/timbers currently or in the future, based on FIA specifications.

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

Growing Stock Volume by AFC Region and Species Group - SOFTWOODS



Growing Stock Volume by AFC Region and Species Group - HARDWOODS



Timber Net Growth (total growth minus mortality) - Period 2001 to 2011

- For the time period 2001 to 2011, softwood net growth amounted to 39.5 million tons annually and net growth for hardwoods was 17.9 million tons annually.
- As was the case for total volume, net growth volume of softwoods was greatest in the Southwest Region and net growth volume of hardwoods was greatest in the North Region.

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

NORTH REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
Tons			
Colbert	492,662	185,175	307,487
DeKalb	383,054	144,940	238,114
Franklin	717,613	481,982	235,631
Jackson	930,109	149,519	780,589
Lauderdale	422,519	107,141	315,378
Lawrence	381,917	167,111	214,806
Limestone	277,613	23,487	254,126
Madison	348,485	33,713	314,772
Marion	1,081,020	853,924	227,096
Marshall	268,487	65,920	202,568
Morgan	591,178	156,210	434,968
Winston	525,166	180,357	344,809
Total	6,419,822	2,549,479	3,870,342

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

NORTHWEST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
Tons			
Bibb	954,843	708,710	246,133
Dallas	733,262	590,659	142,603
Fayette	988,408	676,276	312,132
Greene	566,484	379,429	187,054
Hale	584,497	411,366	173,131
Lamar	1,135,301	671,185	464,117
Perry	842,172	671,779	170,393
Pickens	1,269,665	924,301	345,364
Sumter	890,218	577,167	313,050
Tuscaloosa	1,698,609	1,169,958	528,651
Walker	979,508	741,687	237,821
Total	10,642,968	7,522,517	3,120,450

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

NORTHEAST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	538,175	424,548	113,626
Calhoun	447,754	286,063	161,690
Cherokee	663,271	418,766	244,505
Clay	802,619	469,177	333,442
Cleburne	685,298	465,289	220,008
Cullman	600,831	288,236	312,594
Etowah	617,014	320,190	296,824
Jefferson	1,201,209	812,472	388,737
Randolph	859,875	625,206	234,669
St. Clair	739,836	403,536	336,300
Shelby	912,421	561,312	351,109
Talladega	814,656	605,101	209,556
Total	8,882,958	5,679,896	3,203,062

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

EAST CENTRAL REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	773,515	618,419	155,096
Chambers	955,671	718,685	236,986
Chilton	713,735	406,429	307,306
Coosa	1,129,218	877,851	251,366
Elmore	864,396	626,520	237,876
Lee	876,314	658,948	217,366
Lowndes	892,567	739,250	153,318
Macon	716,843	447,828	269,014
Montgomery	638,906	279,669	359,237
Russell	910,629	665,480	245,150
Tallapoosa	1,174,977	939,818	235,160
Total	9,646,771	6,978,895	2,667,876

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

SOUTHWEST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	1,236,632	1,000,060	236,571
Choctaw	1,514,925	1,217,543	297,383
Clarke	1,830,877	1,344,084	486,793
Conecuh	921,488	799,156	122,332
Escambia	728,822	689,054	39,768
Marengo	1,203,955	796,756	407,199
Mobile	725,007	570,730	154,277
Monroe	1,001,079	937,701	63,378
Washington	1,667,084	1,265,392	401,691
Wilcox	1,231,153	980,621	250,533
Total	12,061,023	9,601,097	2,459,925

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

SOUTHEAST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	1,386,965	1,056,310	330,655
Bullock	905,222	721,759	183,463
Butler	1,381,502	1,117,423	264,079
Coffee	764,289	578,700	185,589
Covington	1,188,680	966,931	221,748
Crenshaw	1,046,439	747,676	298,763
Dale	630,460	337,678	292,782
Geneva	420,498	235,833	184,665
Henry	581,923	369,882	212,041
Houston	470,831	362,617	108,214
Pike	977,630	670,760	306,870
Total	9,754,439	7,165,568	2,588,870

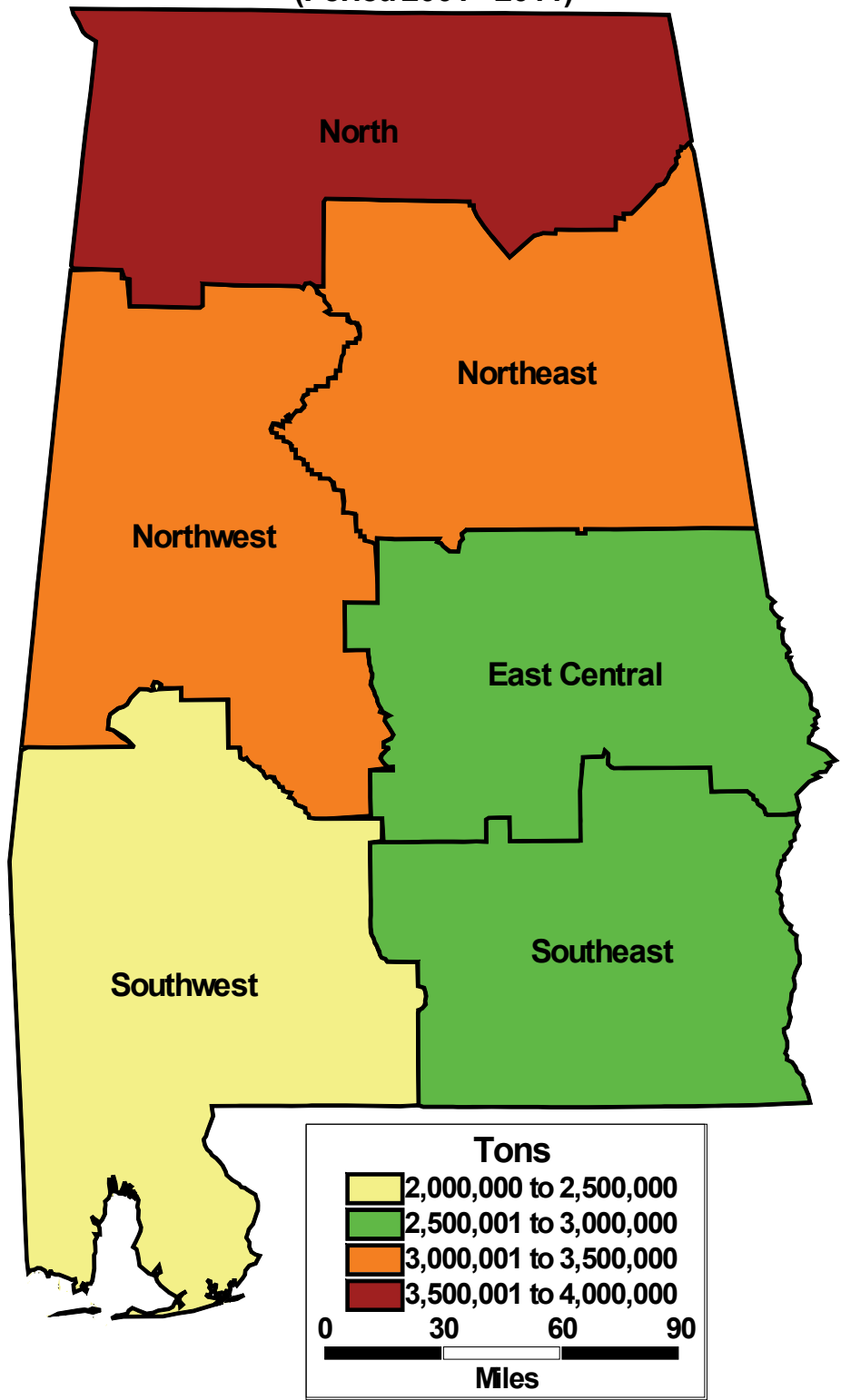
NOTE: Statistics come from 2011 Forest Inventory & Analysis (FIA) data.

Numbers in rows and columns may not sum due to rounding

**Average Annual Net Growth by AFC Region and Species Group - SOFTWOODS
(Period 2001 - 2011)**



Average Annual Net Growth by AFC Region and Species Group - HARDWOODS
(Period 2001 - 2011)



Timber Harvest Removals - Period 2001 to 2011

- Softwood volume removed annually as a result of harvesting during the 2001 to 2011 time period amounted to 31.2 million tons. Based on the total timber volume in Alabama in 2011, approximately 5.9% of total pine volume was harvested annually during the 2001 to 2011 period. Hardwood volume removed annually averaged 11.6 million tons. Using the same criteria as above approximately 2.0% of total hardwood volume was harvested annually from 2001 to 2011.
- There were more removals in the Southwest Region in both the softwood and hardwood categories than in any other region. Average annual softwood removal volumes nearly doubled the amount of removals in the region that ranked second (Northwest). Exceptionally high removal volumes in the Southwest Region can be attributed in part to the major hurricanes that affected the region in 2004 and 2005. Large amounts of timber were destroyed and subsequently harvested as a result of the hurricanes.
- Net growth exceeded removals for all regions except the Southwest Region. Prior to 2004 net growth exceeded removals in the Southwest Region.

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTH REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
Tons			
Colbert	196,178	85,960	110,218
DeKalb	407,938	64,600	343,337
Franklin	154,023	49,911	104,112
Jackson	362,779	88,170	274,609
Lauderdale	323,886	122,803	201,083
Lawrence	466,199	111,124	355,075
Limestone	109,870	0	109,870
Madison	176,848	0	176,848
Marion	858,366	766,856	91,510
Marshall	225,488	149,018	76,470
Morgan	281,587	153,705	127,882
Winston	364,019	307,773	56,246
Total	3,927,180	1,899,920	2,027,259

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTHWEST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
Tons			
Bibb	744,913	619,672	125,241
Dallas	1,325,080	1,025,031	300,049
Fayette	581,807	524,276	57,531
Greene	339,206	94,262	244,944
Hale	417,853	305,774	112,079
Lamar	438,619	385,909	52,710
Perry	617,710	545,154	72,556
Pickens	817,047	598,830	218,217
Sumter	1,398,988	769,925	629,063
Tuscaloosa	843,984	513,489	330,494
Walker	779,961	629,247	150,714
Total	8,305,168	6,011,570	2,293,598

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTHEAST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	457,271	248,746	208,526
Calhoun	62,924	59,893	3,031
Cherokee	431,101	308,560	122,540
Clay	387,212	285,542	101,670
Cleburne	472,794	421,984	50,811
Cullman	214,857	139,458	75,400
Etowah	90,180	47,011	43,169
Jefferson	384,323	236,034	148,289
Randolph	528,746	325,985	202,761
St. Clair	345,244	259,281	85,963
Shelby	462,074	288,271	173,803
Talladega	576,617	423,864	152,753
Total	4,413,344	3,044,627	1,368,717

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

EAST CENTRAL REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	282,930	212,230	70,700
Chambers	1,266,635	1,008,961	257,674
Chilton	421,637	184,663	236,974
Coosa	1,053,902	836,418	217,484
Elmore	195,639	153,104	42,536
Lee	568,710	461,999	106,711
Lowndes	547,163	392,269	154,894
Macon	512,729	114,598	398,131
Montgomery	127,269	13,008	114,261
Russell	250,466	163,156	87,310
Tallapoosa	741,702	637,333	104,370
Total	5,968,782	4,177,738	1,791,044

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

SOUTHWEST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	1,286,062	1,241,771	44,291
Choctaw	1,730,325	1,455,328	274,997
Clarke	2,566,640	1,892,242	674,398
Conecuh	1,558,851	1,174,662	384,189
Escambia	1,188,132	1,053,796	134,336
Marengo	1,124,744	865,853	258,891
Mobile	798,619	721,539	77,080
Monroe	1,381,049	1,108,043	273,005
Washington	1,179,683	1,073,455	106,228
Wilcox	1,142,276	1,010,814	131,462
Total	13,956,380	11,597,503	2,358,877

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

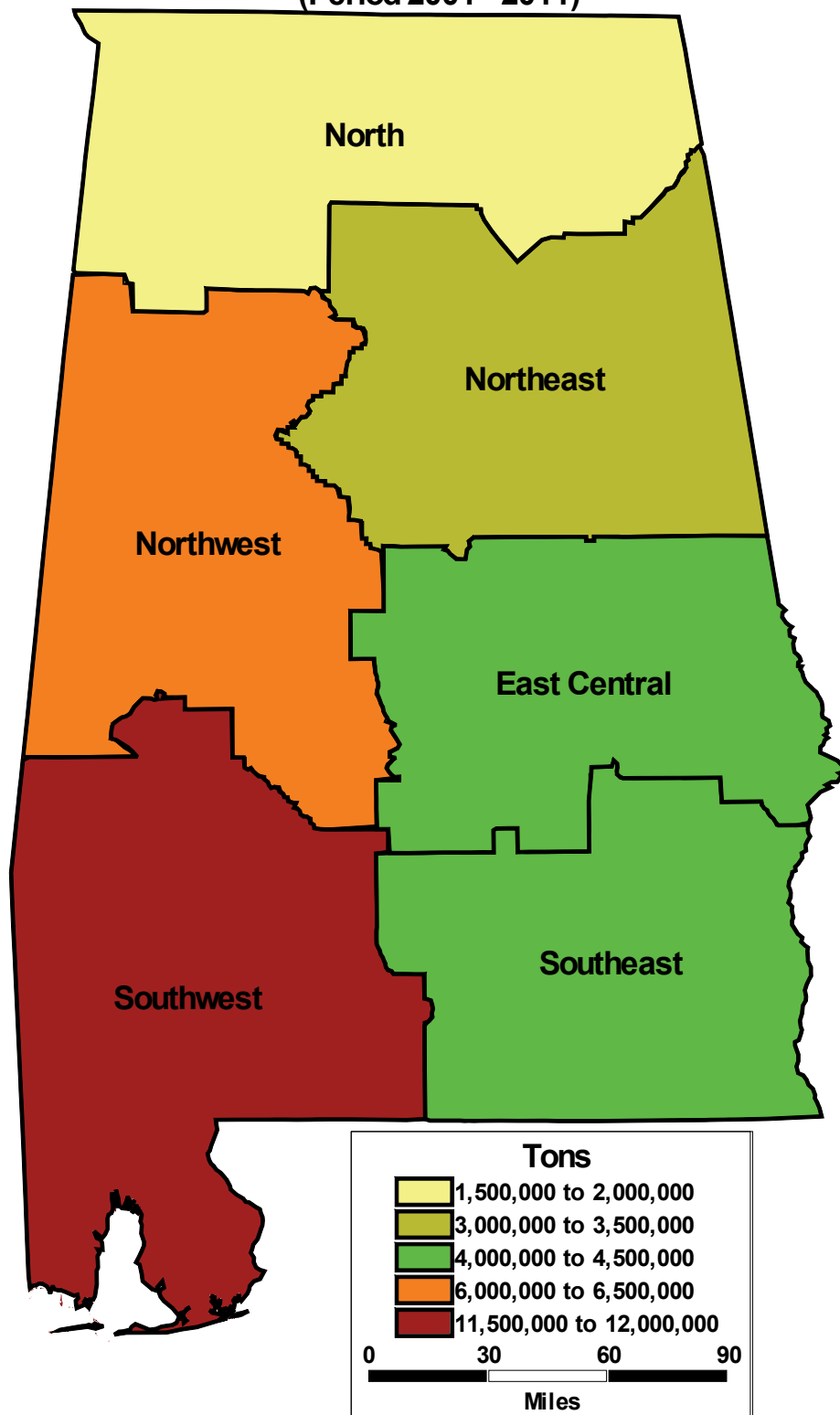
SOUTHEAST REGION (Period 2001 – 2011)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	799,401	508,538	290,863
Bullock	478,939	425,643	53,297
Butler	897,437	604,400	293,037
Coffee	369,789	277,120	92,669
Covington	762,359	683,325	79,033
Crenshaw	902,125	686,102	216,023
Dale	652,110	308,587	343,523
Geneva	102,783	53,601	49,181
Henry	629,779	434,302	195,477
Houston	138,372	98,778	39,594
Pike	571,690	417,570	154,121
Total	6,304,783	4,497,965	1,806,818

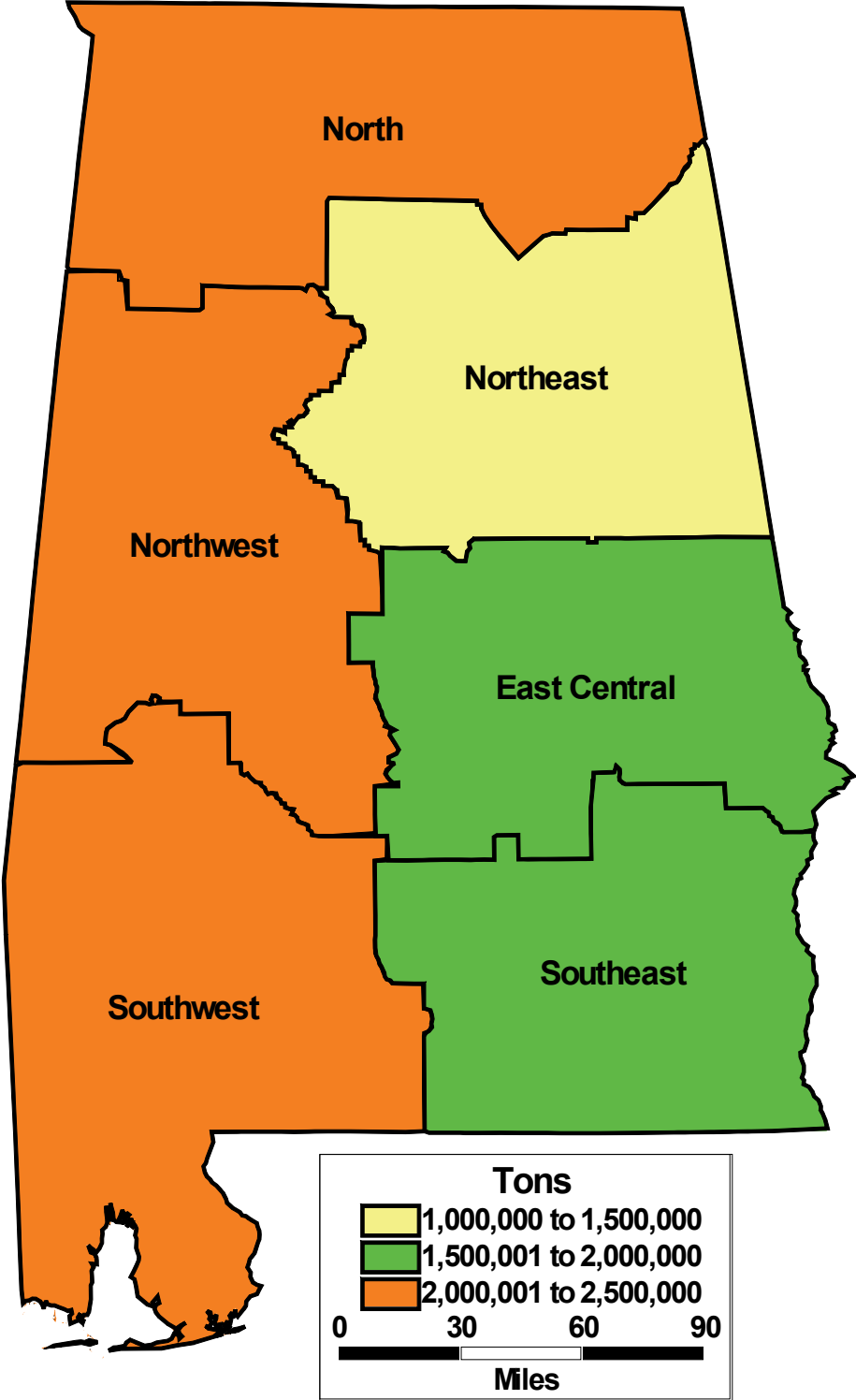
NOTE: Statistics come from 2011 Forest Inventory & Analysis (FIA) data.

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

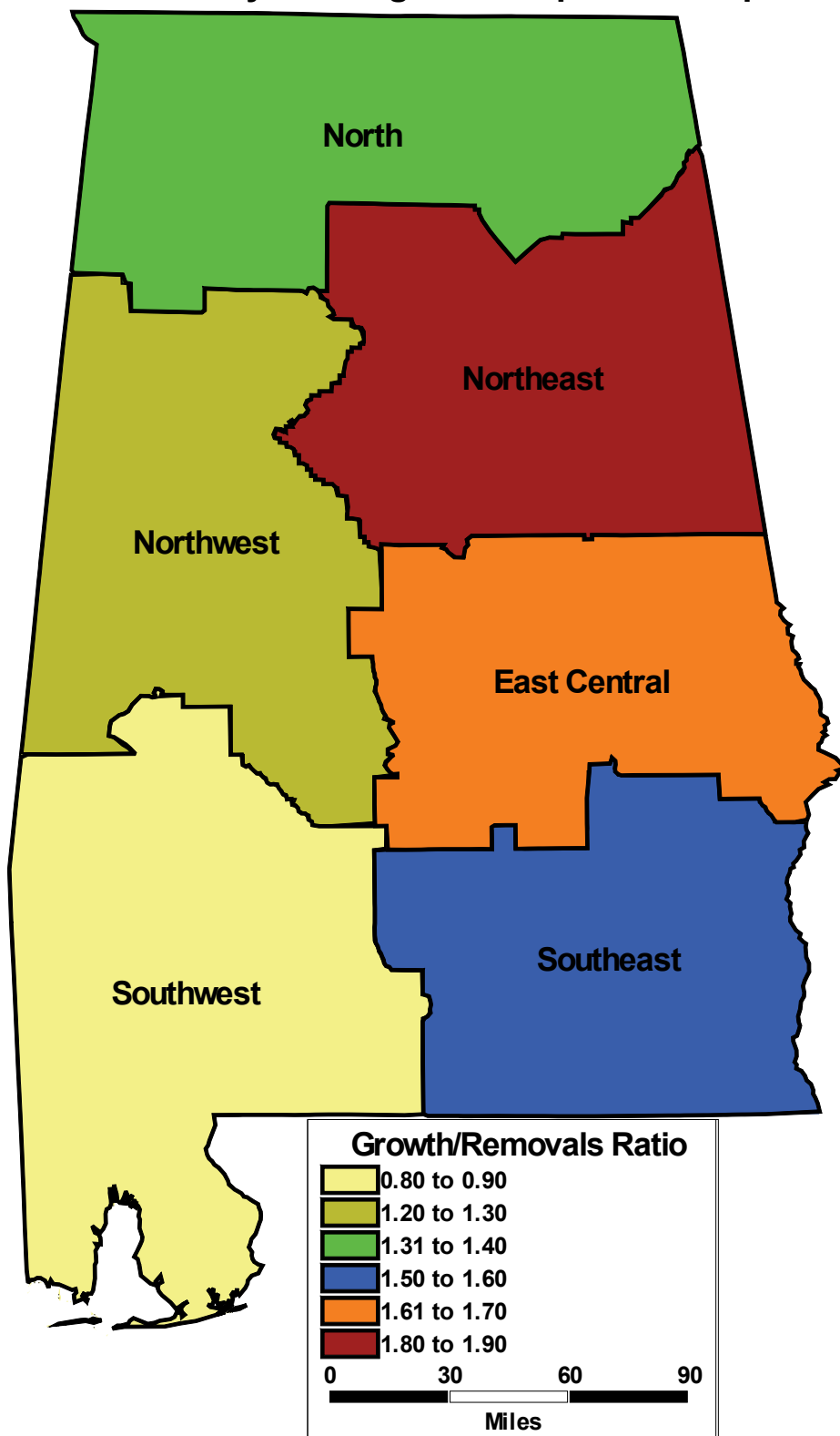
Average Annual Removals by AFC Region and Species Group - SOFTWOODS (Period 2001 - 2011)



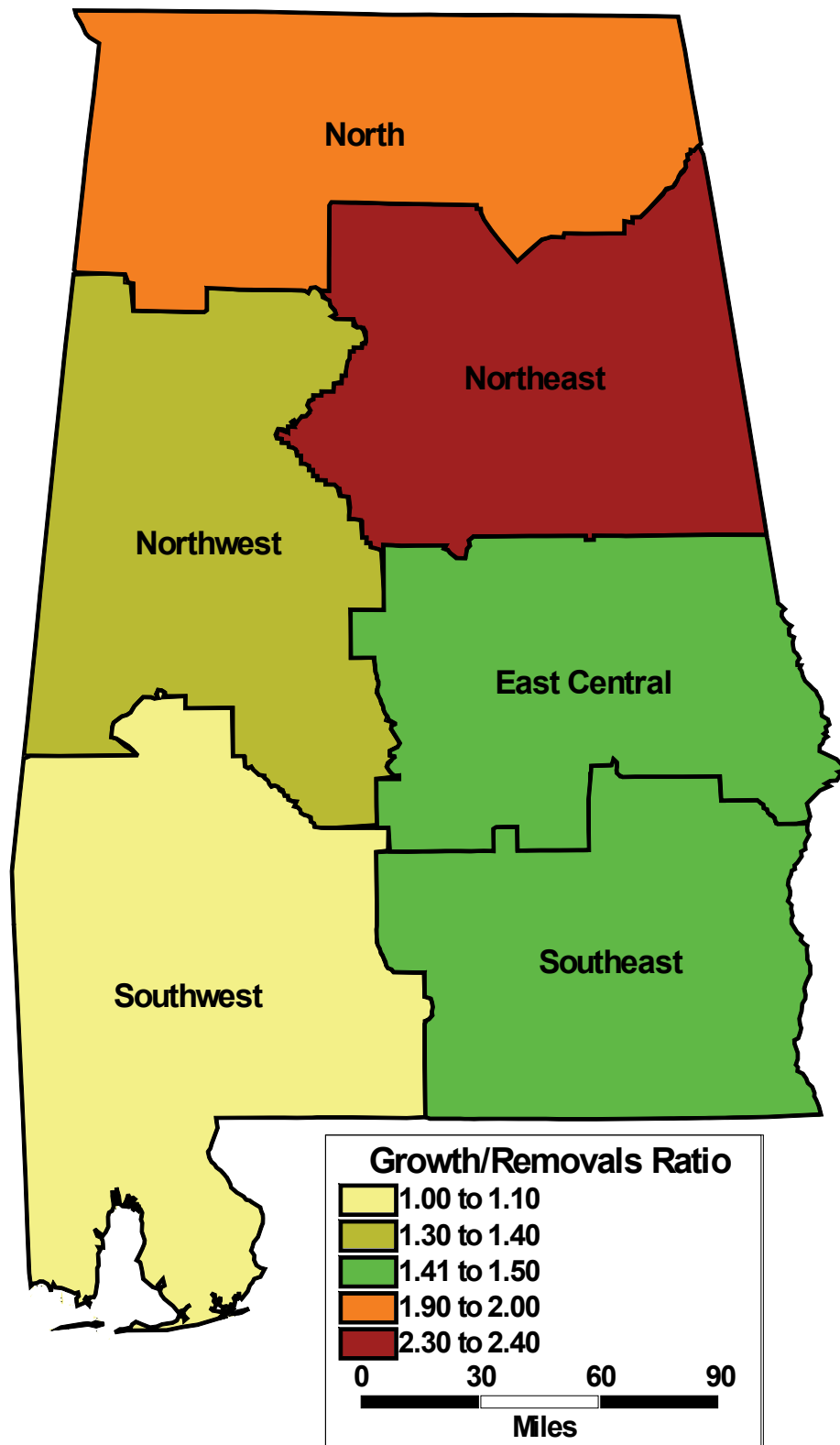
**Average Annual Removals by AFC Region and Species Group - HARDWOODS
(Period 2001 - 2011)**



Growth/Removals Ratio by AFC Region and Species Group - SOFTWOODS



Growth/Removals Ratio by AFC Region and Species Group - HARDWOODS



2011 Timber Harvests Volume

- Based on Alabama Department of Revenue severance tax reports for 2011, 1.078 billion board feet of pine sawtimber and 183.4 million board feet of hardwood sawtimber were harvested. In addition, approximately 7.17 million cords of pine pulpwood were harvested in 2011 while 2.9 million cords of hardwood pulpwood were harvested.
- Sawtimber harvests (includes poles) accounted for 24% of the total harvests in 2011 while pulpwood accounted for 76% of the total volume harvested. (See chart on page 39)
- Compared to 2010, pine sawtimber harvests increased slightly (7.2%) but hardwood sawtimber harvests decreased by 1.1%. Despite an overall increase in sawtimber harvests over 2010, when comparing 2011 sawtimber harvests to the previous five year period's average volume, pine sawtimber harvests decreased by 23.4% and the amount of hardwood sawtimber harvested decreased by 24.8%. The slight increase in pine sawtimber harvests can probably be linked to a 3% increase in housing starts for the South region of the U.S in 2011 over 2010. Nevertheless, since 2008 housing starts continue to be at historically low levels in the South and nationwide. 2011 housing starts in the South were 64.5% less than the average number of starts for the period 2003 to 2007. The poor housing market continues to be a major factor contributing to low sawtimber harvests. Currently, there is a sizable number of existing homes on the market which are far more affordable than new homes. Until there is a greater demand for new homes, sawtimber harvests and sawlog prices can be expected to remain relatively low.
- Compared to 2010, pine pulpwood harvests were marginally lower (<1%) but hardwood pulpwood harvests were down 13% from 2010. The sizeable decrease in hardwood pulpwood harvests can primarily be attributed to a sharp decrease in the amount of hardwood pulpwood utilized at one of the largest pulp mills in Alabama. Subtracting that particular mill from the equation, hardwood pulpwood harvests would have been only 1% to 2% lower than in 2010. Compared to the previous five year period's average volume, pine pulpwood harvests increased by 9.7% while hardwood pulpwood harvests decreased by 13.7%. (See charts on page 40). The high demand for pine pulpwood can be attributed primarily to a strong global pulp and paper market resulting in increased exports of pulp and paper products. In addition, the weak pine sawtimber market results in fewer residues being produced at sawmills; residues are a primary source of chips for paper mills, and when not available in sufficient supplies, pulp and paper mills must purchase more pulpwood to compensate for the shortfall.

Table 1. Production of Forest Products by Product and County for Calendar Year 2011.

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	8,772	**7,893	58,888	22,612	111
Baldwin	24,781	687	192,358	28,964	1,315
Barbour	8,997	310	237,807	45,724	124
Bibb	40,129	7,102	165,312	81,634	1,002
Blount	1,300	1,232	40,580	18,155	28
Bullock	16,679	550	168,522	38,583	24
Butler	66,149	**995	220,102	46,860	2,917
Calhoun	4,754	338	44,400	33,843	41
Chambers	20,239	450	95,117	41,757	31
Cherokee	1,596	53	32,220	22,139	19
Chilton	14,086	768	79,092	31,289	84
Choctaw	51,318	3,965	340,246	152,991	2,288
Clarke	66,853	13,883	384,726	153,669	6,547
Clay	7,370	2,963	132,529	28,786	37
Cleburne	6,208	608	16,117	20,906	379
Coffee	8,155	75	95,832	30,212	144
Colbert	383	556	41,443	21,142	0
Conecuh	30,899	139	174,439	41,233	1,386
Coosa	8,961	515	104,650	27,485	275
Covington	23,785	21	210,968	46,198	2,002
Crenshaw	28,582	4,632	133,174	55,428	835
Cullman	3,178	1,088	55,701	38,835	13
Dale	6,821	242	65,803	48,041	89
Dallas	16,815	**12,220	146,455	74,884	213
De Kalb	188	3,630	29,175	52,307	0
Elmore	10,355	3,039	72,016	37,389	75
Escambia	18,177	0	171,534	33,429	1,853
Etowah	601	739	13,528	16,548	73
Fayette	15,994	789	66,413	27,302	355
Franklin	2,784	2,551	58,353	34,032	0
Geneva	2,552	148	71,716	29,296	239
Greene	25,529	4,530	63,272	64,305	541
Hale	35,547	3,728	73,620	69,412	203
Henry	4,725	307	62,720	38,897	9
Houston	1,285	505	36,821	14,014	205
Jackson	150	11,094	18,354	49,648	0
Jefferson	5,271	1,975	39,776	29,953	31
Lamar	16,555	1,746	132,833	22,899	194
Lauderdale	526	2,759	23,564	25,459	0
Lawrence	1,370	833	16,551	24,667	0
Lee	7,392	674	59,928	19,382	6
Limestone	483	1,105	3,353	16,647	0
Lowndes	13,803	**3,532	114,514	40,616	93
Macon	9,233	886	89,499	29,415	243
Madison	1,812	949	6,216	12,516	3
Marengo	39,964	20,075	239,831	86,654	918
Marion	10,405	4,937	112,053	47,165	29

Marshall	1,282	1,384	22,105	19,159	0
Mobile	15,253	115	78,969	22,655	871
Monroe	44,698	2,633	429,283	81,494	2,269
Montgomery	15,593	**2,029	86,353	36,900	228
Morgan	242	1,208	12,711	22,239	0
Perry	26,253	7,211	98,190	50,644	529
Pickens	49,361	8,550	46,219	110,965	781
Pike	16,730	1,347	94,368	40,662	47
Randolph	9,847	288	35,764	25,181	3
Russell	10,677	309	112,632	16,134	28
Shelby	15,164	386	97,191	21,460	132
St Clair	3,634	580	79,423	37,551	3
Sumter	30,015	3,331	159,702	61,412	2,435
Talladega	3,254	188	81,134	25,325	245
Tallapoosa	19,033	847	168,611	46,590	199
Tuscaloosa	32,193	8,406	146,227	116,551	140
Walker	11,227	669	90,365	37,562	34
Washington	37,201	1,991	191,219	73,501	1,829
Wilcox	36,931	3,537	282,987	100,018	1,066
Winston	8,701	6,563	41,048	21,319	4

SUBTOTAL BY PRODUCT:	1,078,800	183,386	7,166,622	2,940,644	35,817
Cubic Foot Conversion (mmcf)	196.15	50.94	609.16	235.25	9.95

TOTAL HARVEST: 1,101.45 Million Cubic Feet

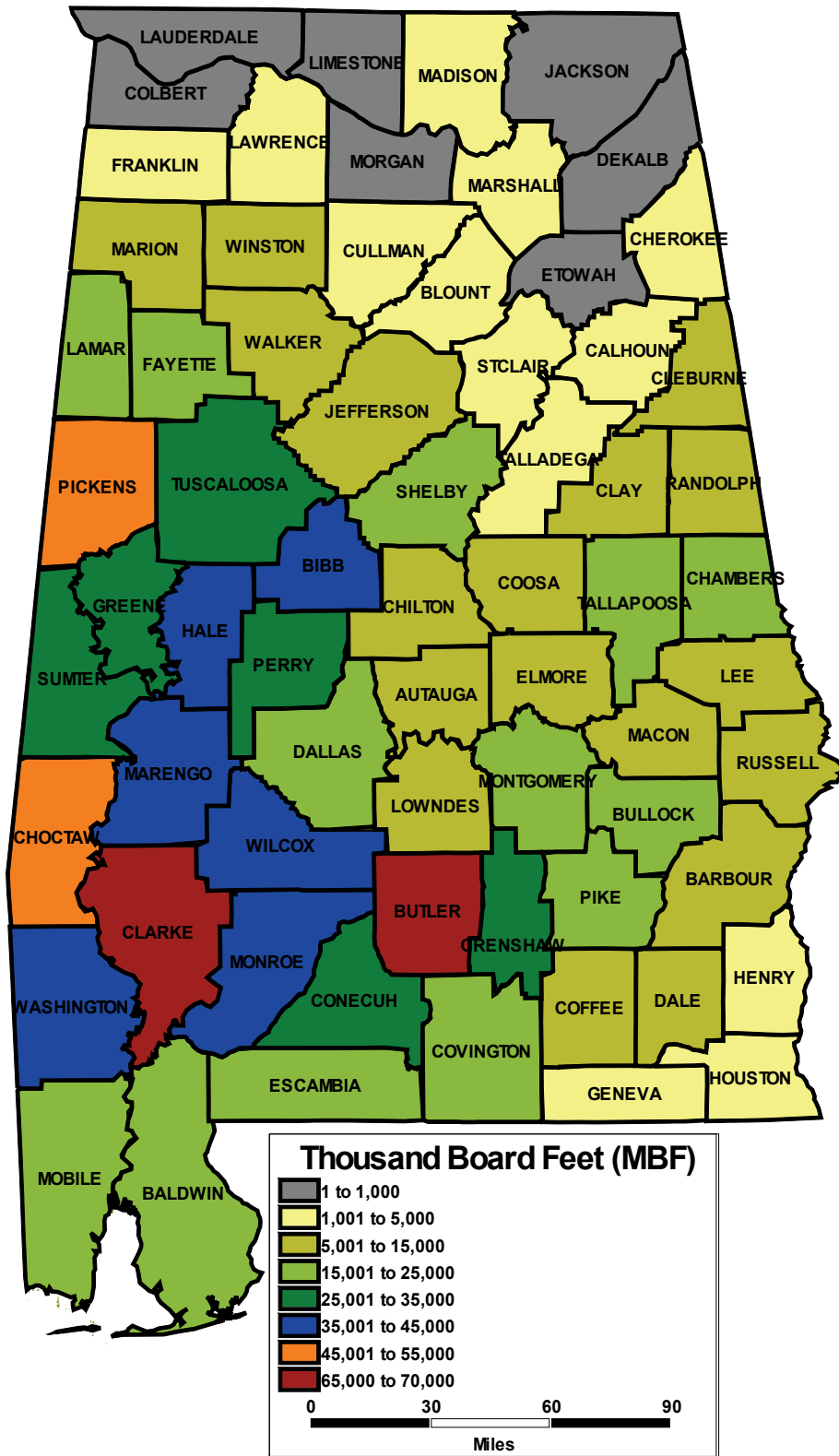
a/ Includes--Sawtimber, Cross and Switch and Mine Ties, Mine Props.

MBF= Thousand Board Feet

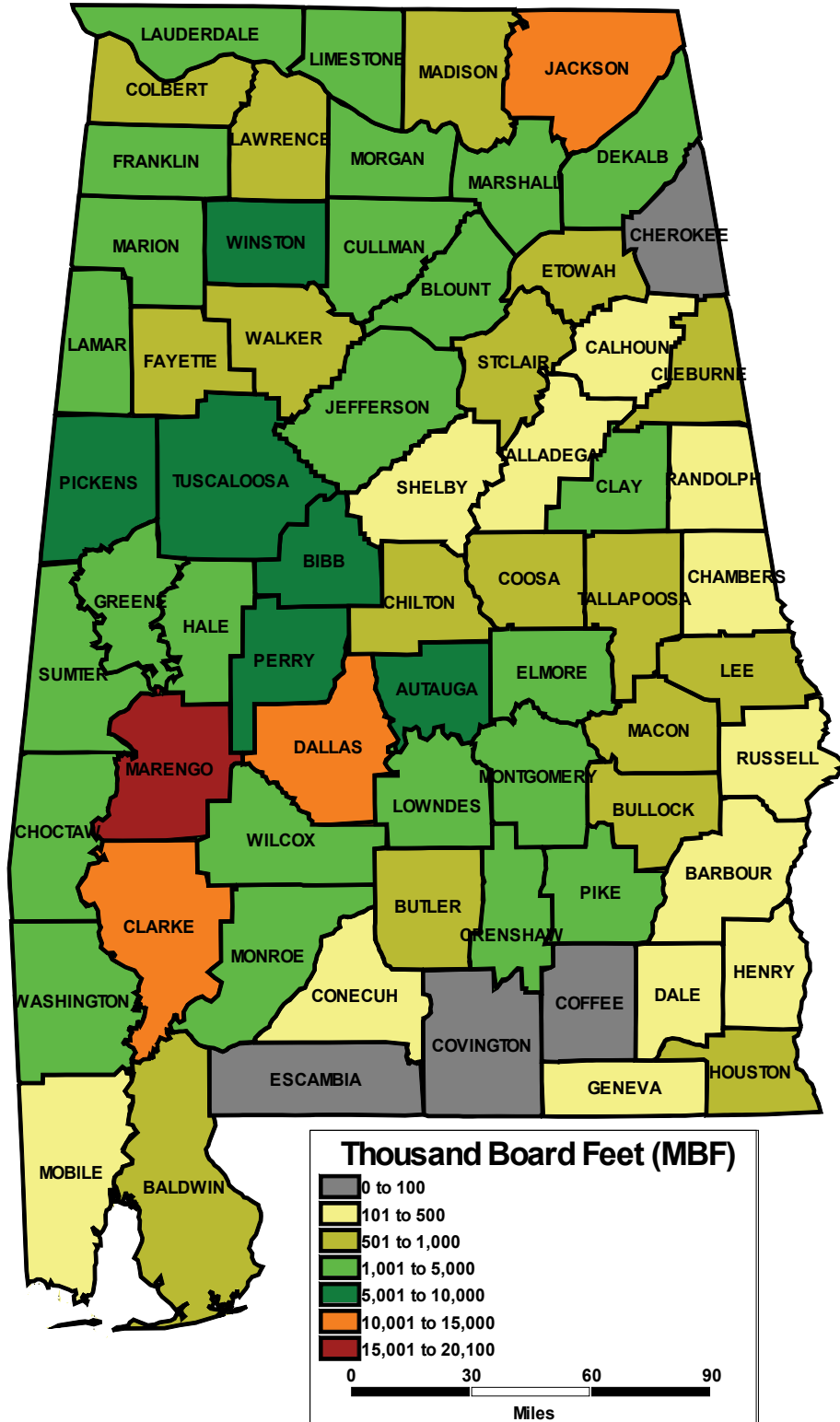
SOURCE: Department of Revenue and Finance Department, Severance Tax Receipts

****NOTE:** The Alabama Department of Revenue conducted audits of severance tax receipts by county following third quarter reporting for 2011. Adjustments for discrepancies identified in receipts for hardwood sawlogs in Autauga, Butler, Dallas, Lowndes, and Montgomery Counties were incorporated into the third quarter reports for those counties. These adjustments significantly skewed the receipts information and required statistical normalization to minimize the impact of the increased variation on subsequent analyses. For further information regarding the methods used contact the Alabama Forestry Commission.

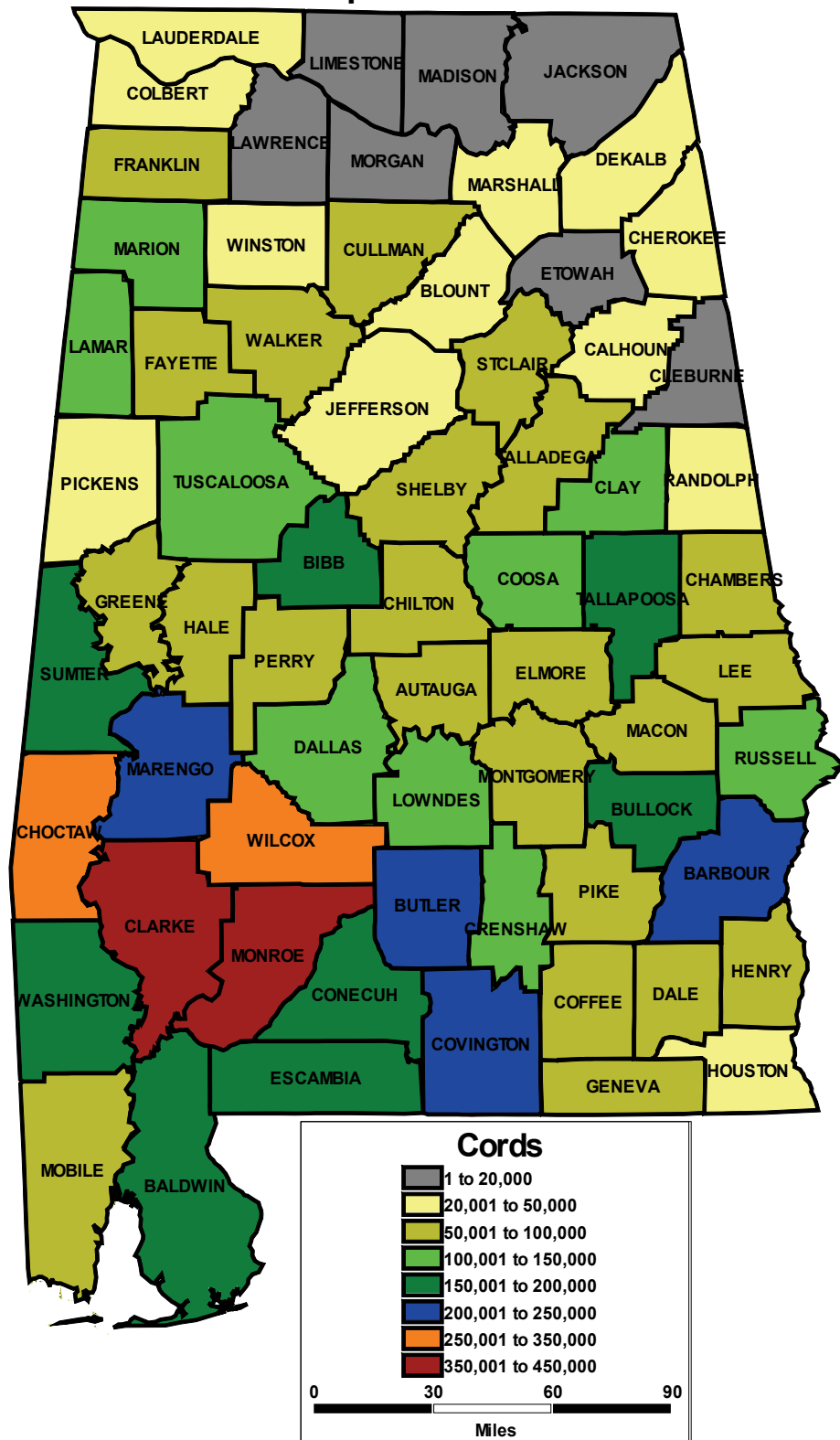
2011 Pine Sawtimber Harvest Removals



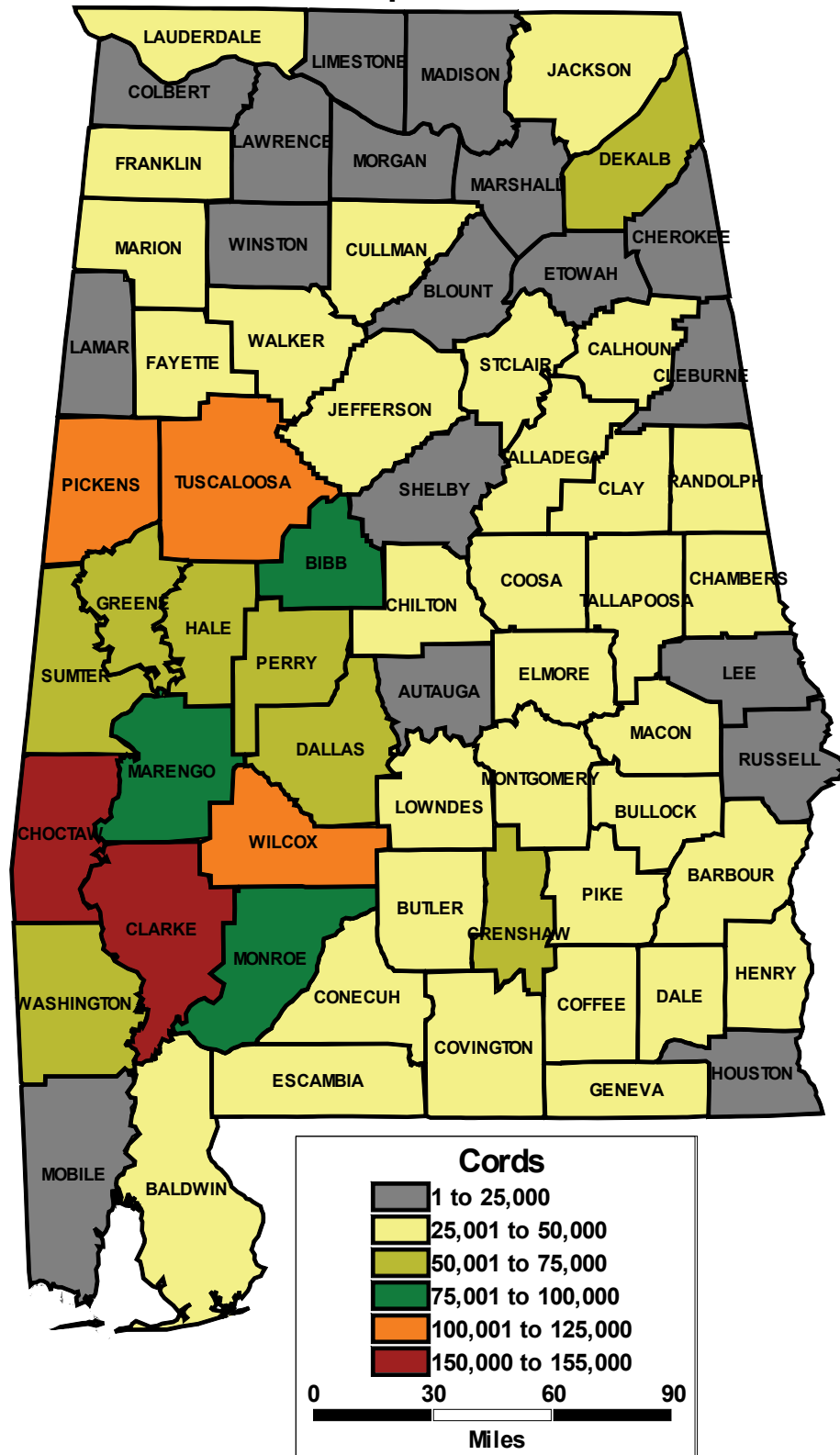
2011 Hardwood Sawtimber Harvest Removals



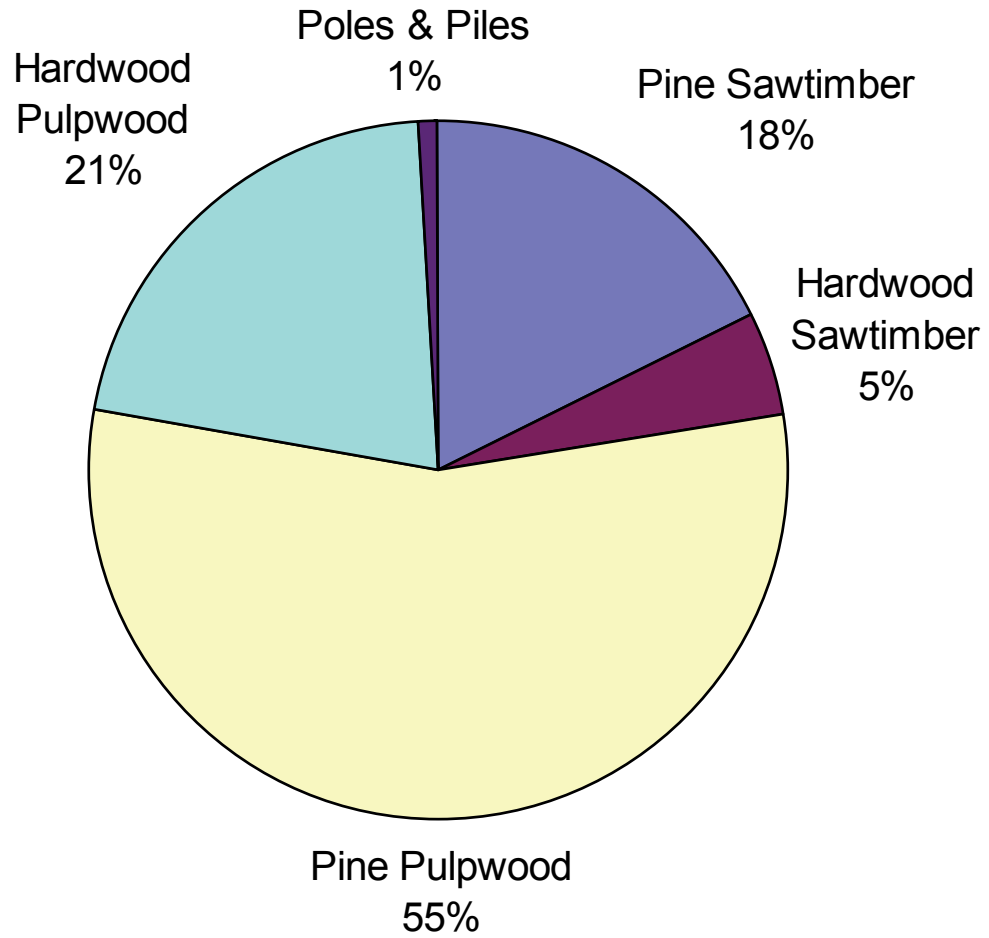
2011 Pine Pulpwood Harvest Removals



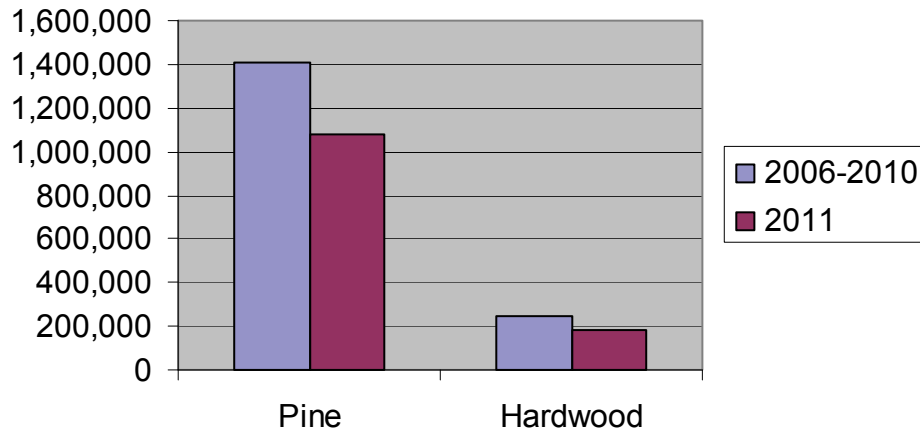
2011 Hardwood Pulpwood Harvest Removals



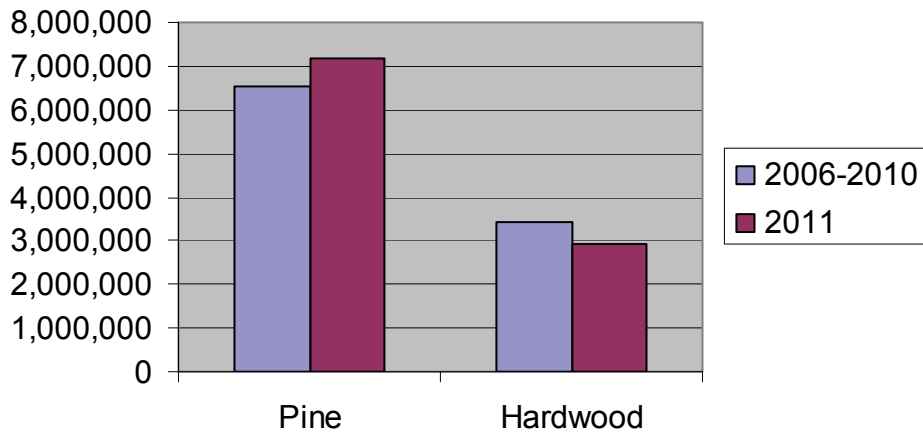
Percentage of Forest Products Harvested by Product Class



Sawtimber Harvest Volumes by Major Species Group (MBF)



Pulpwood Harvest Volumes by Major Species Group (Cords)



2011 Timber Price Trends

- Alabama's average stumpage prices for 2011 when compared with 2010 decreased in all 4 product categories according to *Timber Mart-South* (see table).

PRODUCT	2011 Stumpage Prices		2010 Stumpage Prices	
	Price (Region 1)	Price (Region 2)	Price (Region 1)	Price (Region 2)
Pine Sawtimber	\$174/MBF	\$201/MBF	\$201/MBF	\$219/MBF
Hardwood Sawtimber	\$198/MBF	\$199/MBF	\$229/MBF	\$210/MBF
Pine Pulpwood	\$21.85/cord	\$25.59/cord	\$25.16/cord	\$29.60/cord
Hardwood Pulpwood	\$22.34/cord	\$27.28/cord	\$32.20/cord	\$37.78/cord

- The total estimated stumpage revenue generated from the sale of all forest products in 2011 was approximately \$511.8 million, a decrease of 14.2% from 2010. The decrease can primarily be attributed to lower stumpage prices in all 4 product categories.
- The total estimated stumpage revenue generated from the sale of sawtimber decreased by 4.0% from 2010. Pine sawtimber revenue decreased by 3.0% and hardwood sawtimber revenue decreased by 9.6%.
- The total estimated stumpage revenue generated from the sale of pulpwood decreased by 22.7% from 2010. The decrease in revenue can be attributed to both lower stumpage prices and a decrease in the amount of pulpwood harvested in both the pine and hardwood product categories. Pine pulpwood revenue when compared to 2010 decreased by 13.9% and hardwood pulpwood revenue decreased by 37.7% from 2010.

Table 4. Stumpage Revenue from Sale of Forest Products by Product and County for Calendar Year 2011.

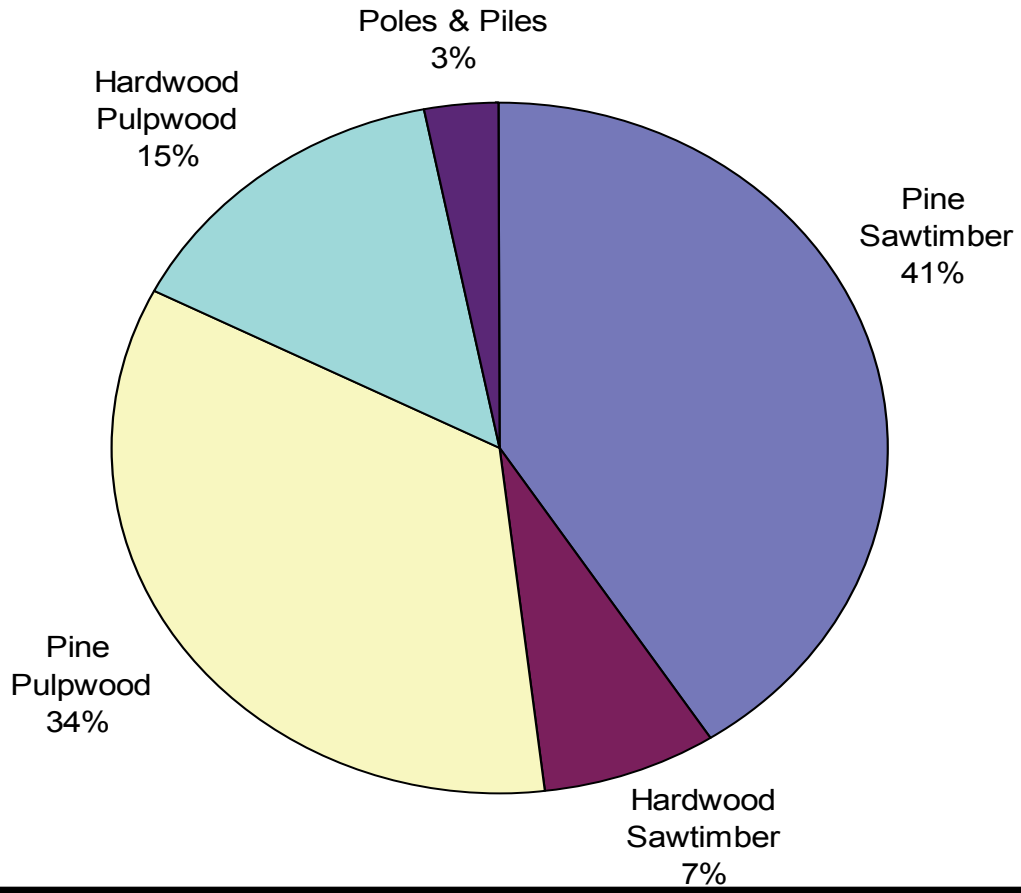
COUNTY	PINE SAWTIMBER	HARDWOOD a/ SAWTIMBER	PINE PULPWOOD	HARDWOOD PULPWOOD	POLES AND PILES	TOTAL
<i>(thousand dollars)</i>						
Autauga	\$1,763	\$1,571	\$1,507	\$617	\$48	\$5,505
Baldwin	\$4,981	\$137	\$4,922	\$790	\$564	\$11,394
Barbour	\$1,808	\$62	\$6,085	\$1,247	\$53	\$9,256
Bibb	\$6,982	\$1,406	\$3,612	\$1,824	\$359	\$14,183
Blount	\$226	\$244	\$887	\$406	\$10	\$1,772
Bullock	\$3,353	\$109	\$4,312	\$1,053	\$10	\$8,837
Butler	\$13,296	\$198	\$5,632	\$1,278	\$1,251	\$21,656
Calhoun	\$827	\$67	\$970	\$756	\$15	\$2,635
Chambers	\$4,068	\$90	\$2,434	\$1,139	\$13	\$7,744
Cherokee	\$278	\$10	\$704	\$495	\$7	\$1,494
Chilton	\$2,451	\$152	\$1,728	\$699	\$30	\$5,060
Choctaw	\$10,315	\$789	\$8,707	\$4,174	\$982	\$24,966
Clarke	\$13,438	\$2,763	\$9,845	\$4,192	\$2,809	\$33,046
Clay	\$1,282	\$587	\$2,896	\$643	\$13	\$5,421
Cleburne	\$1,080	\$120	\$352	\$467	\$136	\$2,155
Coffee	\$1,639	\$15	\$2,452	\$824	\$62	\$4,992
Colbert	\$67	\$110	\$906	\$472	\$0	\$1,554
Conecuh	\$6,211	\$28	\$4,464	\$1,125	\$595	\$12,422
Coosa	\$1,559	\$102	\$2,287	\$614	\$98	\$4,660
Covington	\$4,781	\$4	\$5,399	\$1,260	\$859	\$12,303

Crenshaw	\$5,745	\$922	\$3,408	\$1,512	\$358	\$11,945
Cullman	\$553	\$215	\$1,217	\$868	\$5	\$2,858
Dale	\$1,371	\$48	\$1,684	\$1,311	\$38	\$4,452
Dallas	\$3,380	\$2,432	\$3,748	\$2,043	\$91	\$11,694
De Kalb	\$33	\$719	\$637	\$1,169	\$0	\$2,557
Elmore	\$2,081	\$605	\$1,843	\$1,020	\$32	\$5,581
Escambia	\$3,654	\$0	\$4,390	\$912	\$795	\$9,750
Etowah	\$105	\$146	\$296	\$370	\$26	\$942
Fayette	\$2,783	\$156	\$1,451	\$610	\$127	\$5,127
Franklin	\$484	\$505	\$1,275	\$760	\$0	\$3,025
Geneva	\$513	\$29	\$1,835	\$799	\$103	\$3,279
Greene	\$5,131	\$901	\$1,619	\$1,754	\$232	\$9,638
Hale	\$7,145	\$742	\$1,884	\$1,894	\$87	\$11,752
Henry	\$950	\$61	\$1,605	\$1,061	\$4	\$3,681
Houston	\$258	\$100	\$942	\$382	\$88	\$1,771
Jackson	\$26	\$2,197	\$401	\$1,109	\$0	\$3,733
Jefferson	\$917	\$391	\$869	\$669	\$11	\$2,858
Lamar	\$2,880	\$346	\$2,902	\$512	\$69	\$6,710
Lauderdale	\$91	\$546	\$515	\$569	\$0	\$1,721
Lawrence	\$238	\$165	\$362	\$551	\$0	\$1,316
Lee	\$1,486	\$134	\$1,534	\$529	\$3	\$3,685
Limestone	\$84	\$219	\$73	\$372	\$0	\$748
Lowndes	\$2,774	\$703	\$2,930	\$1,108	\$40	\$7,556
Macon	\$1,856	\$176	\$2,290	\$802	\$104	\$5,229
Madison	\$315	\$188	\$136	\$280	\$1	\$920
Marengo	\$8,033	\$3,995	\$6,137	\$2,364	\$394	\$20,923
Marion	\$1,811	\$978	\$2,448	\$1,054	\$10	\$6,301
Marshall	\$223	\$274	\$483	\$428	\$0	\$1,408
Mobile	\$3,066	\$23	\$2,021	\$618	\$374	\$6,101
Monroe	\$8,984	\$524	\$10,985	\$2,223	\$973	\$23,690
Montgomery	\$3,134	\$404	\$2,210	\$1,007	\$98	\$6,852
Morgan	\$42	\$239	\$278	\$497	\$0	\$1,056
Perry	\$5,277	\$1,435	\$2,513	\$1,382	\$227	\$10,833
Pickens	\$8,589	\$1,693	\$1,010	\$2,479	\$280	\$14,050
Pike	\$3,363	\$268	\$2,415	\$1,109	\$20	\$7,175
Randolph	\$1,713	\$57	\$781	\$563	\$1	\$3,116
Russell	\$2,146	\$61	\$2,882	\$440	\$12	\$5,542
Shelby	\$2,638	\$76	\$2,124	\$479	\$47	\$5,365
St Clair	\$632	\$115	\$1,735	\$839	\$1	\$3,322
Sumter	\$6,033	\$663	\$4,087	\$1,675	\$1,045	\$13,503
Talladega	\$566	\$37	\$1,773	\$566	\$88	\$3,030
Tallapoosa	\$3,826	\$169	\$4,315	\$1,271	\$85	\$9,665
Tuscaloosa	\$5,602	\$1,664	\$3,195	\$2,604	\$50	\$13,115
Walker	\$1,954	\$132	\$1,974	\$839	\$12	\$4,912
Washington	\$7,477	\$396	\$4,893	\$2,005	\$785	\$15,557
Wilcox	\$7,423	\$704	\$7,242	\$2,728	\$457	\$18,555
Winston	\$1,514	\$1,299	\$897	\$476	\$1	\$4,188
Total	\$209,306	\$36,417	\$176,346	\$74,685	\$15,088	\$511,842

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



2010 Timber and other Agricultural Commodities Rankings

Timber ranks second in production of all agricultural commodities, and in 2010 accounted for 12.8% of all commodities, with broilers leading the state in agriculture cash receipts. Timber has consistently ranked second in cash receipts for agricultural commodities.

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

Commodity	2006	2007	2008	2009	2010	2010	2010
						% of Total	Ranking
<i>thousand dollars</i>							
Broilers	\$ 2,047,800	\$2,418,700	\$2,689,200	\$2,519,300	\$2,789,300	59.7%	1
Forest Products*	\$ 970,000	\$791,000	\$679,500	\$455,600	\$596,677	12.8%	2
Cattle and Calves	\$ 407,100	\$407,500	\$331,700	\$300,100	\$395,800	8.5%	3
Eggs	\$ 293,700	\$313,000	\$298,600	\$286,900	\$291,300	6.2%	4
Greenhouse, Sod, & Nursery	\$ 249,600	\$265,600	\$256,000	\$223,800	\$223,800	4.8%	5
Cotton	\$ 146,300	\$151,800	\$121,400	\$105,400	\$138,600	3.0%	6
Soybeans	\$ 68,500	\$27,400	\$87,400	\$148,000	\$122,100	2.6%	7
Corn	\$ 28,800	\$59,000	\$103,600	\$93,600	\$115,000	2.5%	8
Total Value All Commodities	\$ 4,211,800	\$4,434,000	\$4,567,400	\$4,132,700	\$4,672,577	100.0%	

http://www.nass.usda.gov/Statistics_by_State/Alabama/Publications/Annual_Statistical_Bulletin/2011/2011AlabamaAgricultureStatistics.pdf

2010 Forest Industry Statistics

Alabama's forest industry is the state's second largest manufacturing industry, producing an estimated \$12.78 billion worth of products in 2010. Of this total, \$8.00 billion was pulp and paper products, \$3.22 billion was lumber and other wood products, and \$1.6 billion was furniture and other secondary wood products. The value-added contribution of the forest industry in 2010 is estimated at \$6.45 billion, or slightly over 50% of the total shipment value. (Source: U.S. Census Bureau and Auburn Forest Products Development Center)

Alabama Forestry & Forest Industry Economic Impact - 2010					
NAICS	Industry	Employees (number)	Payroll (\$000)	Value-Added (\$000)	Value of Shipments
113	Forestry & Logging	4,558	152,104	N/A	N/A
321	Lumber & Wood Products	21,155	481,509	1,339,901	3,220,020
322	Pulp & Paper Products	12,020	760,675	4,176,566	8,001,900
337	Furniture & Related Products	9,081	297,952	935,487	1,556,856
TOTAL		46,814	1,692,240	6,451,954	12,778,776

Alabama's forest products sector accounted for 12.3% of the value of all manufacturing in the state during 2010. In addition, forestry and forest products account for an estimated 9% of total GDP. (Source: Auburn Forest Products Development Center)

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 3rd in paper production. If Alabama was a country, it would rank 8th in the world in pulp production and 12th in paper production. (Source: Auburn Forest Products Development Center)

Alabama is also a major producer of solid wood products. In 2010, an estimated 1.97 billion board feet of lumber was produced in Alabama, 83% of which was from southern yellow pine. Alabama also produced 1.62 billion square feet of wood panels in 2010. Alabama ranks 7th in the U.S. in lumber production and 8th in wood panel production. (Source: U.S. Dep't. of Commerce and Auburn Forest Products Development Center)

2011 Forest Products Investments in New & Expanding Businesses

- During 2011, there were 24 announcements of new and expanding businesses; 4 new and 20 expansions of existing industries. There were 7 less announcements in 2011 than 2010.
- A total of 566 jobs were created which is 100 more than were created from new and expanding businesses in 2010.
- The money invested in the 24 new and expanding industries amounted to \$161.3 million which is \$42.2 million more than that invested in 2010 by the forest products industry.

Alabama 2011 New & Expanding Wood Products Industry Announcements							
<i>Sorted by NAICS Code</i>							
COMPANY	COUNTY	NEW/EXP	JOBS	CAP INVESTMENT	CITY	NAICS	PRODUCT DESCRIPTION
Moss Hardwoods Inc	Jackson	E	10	\$1,000,000.00	Scottsboro	321113	Hardwood Lumber
Littrell Lumber Mill Inc	Morgan	E	0	\$650,000.00	Decatur	321113	Sawmill
Fulghum Fibres Inc (Brewton)	Escambia	E	13	\$100,000.00	Brewton	321113	Wood Chip Mill
West Fraser	Lee	E	35	\$0.00	Opelika	321113	Lumber & Timbers
Westervelt Lumber Company	Hale	E	10	\$0.00	Moundville	321113	Sawmill
Williamson Lumber & Cross-Tie	Fayette	N	12	\$600,000.00	Fayette	321114	Lumber & Cross Ties
T R Miller Mill Company Inc	Escambia	E	13		Brewton	321114	Treated Wood Poles
Excel Interior Door	Morgan	N	35	\$2,900,000.00	Hartselle	321911	Residential Doors
Pomeroy Lumber Products Inc	Barbour	E	4		Eufaula	321918	Hardwood Flooring
Cottondale Wood Product Division	Tuscaloosa	E	60	\$500,000.00	Tuscaloosa	321920	Pallets
AAR SUMMA Technology Inc	Cullman	E	21	\$100,000.00	Cullman	321920	Containerized Wood & Pallet Manufacturing for Military
Westervelt Renewable Energy	Pickens	N	110	\$60,000,000.00	Aliceville	321999	Wood Fuel Pellet Manufacturing
Brown-Forman Cooperages' Stevenson Mill	Jackson	N	30	\$7,270,000.00	Stevenson	321999	Cooperage White Oak Stave & Heading Materials

Alabama 2011 New & Expanding Wood Products Industry Announcements (continued)

Sonoco Products-Wood Reels	Morgan	E	28	\$6,500,000.00	Hartselle	321999	Plywood Reels
Alabama River Cellulose LLC	Monroe	E	15	\$0.00	Perdue Hill	322110	Market Pulp & Fluff Cellulose
International Paper Riverdale Mill	Dallas	E	0	\$31,000,000.00	Selma	322121	Paper
SCA Tissue North America LLC Barton Operations	Colbert	E	0	\$7,500,000.00	Cherokee	322121	Sanitary Tissue Paper Products
Rock-Tenn Container Corporation	Jackson	E	16	\$35,000,000.00	Stevenson	322130	Corrugated Medium Paperboard
Rock-Tenn Company	Greene	E	0	\$6,000,000.00	Eutaw	322211	Folding Paperboard Boxes
Rusken Packaging Inc	Cullman	E	27	\$1,400,000.00	Cullman	322211	Corrugated Boxes
MidSouth Packaging LLC	Cullman	E	37	\$433,000.00	Cullman	322211	Corrugated Packaging
RusCorr LLC	Cullman	E	0	\$144,013.00	Cullman	322211	Corrugated Board
TekPak Inc	Perry	E	0	\$200,000.00	Marion	322214	Fiber Cans Tubes Plastic
STS Filing Products Inc	Montgomery	E	90	\$0.00	Montgomery	322231	File Folders, Pockets, Jackets

Source: Alabama Department of Commerce

FORESTRY CASH RECEIPT REPORT METHODOLOGY

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

I. Pine Sawtimber

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

II. Hardwood Sawtimber

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

III. Pine Pulpwood

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

IV. Hardwood Pulpwood

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

V. Poles and Piling

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

VI. Turpentine

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

VII. Forest Inventory & Analysis (FIA) Statistics

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

REFERENCES

Alabama Department of Revenue and Finance

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

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

Ken Muehlenfeld - Director, Forest Products Development Center - AIDT

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

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