



FOREST RESOURCE REPORT 2012

ALABAMA FORESTRY COMMISSION

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FOREST RESOURCE REPORT 2012

By
Alabama Forestry Commission (AFC)

This report contains several economic status indicators of the forest resources and forest industry in Alabama for 2012. Included in this report are the following indicators:

- 2012 FIA Timberland Acreage Statistics by County and Forestry Commission Region
- 2012 FIA Timber Inventory Statistics by County and Forestry Commission Region
- 2012 Timber Harvests Volume by County
- 2012 Timber Price Trends
- 2011 Timber and other Agricultural Commodities Rankings (*latest statistics available*)
- 2010 Forest Industry Statistics (*latest statistics available*)
- 2012 Forest Products Investments in New & Expanding Businesses

ALABAMA'S FOREST RESOURCE

Timberland Acreage

- Alabama timberland covers 22.9 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, 9% is owned by forest industries (companies that own a wood processing plant) and 85% is owned by the non-industrial private sector.
- Alabama forests are comprised of 44% hardwood stands, 43% softwood (mostly pine) stands and 13% mixed pine/hardwood stands.

TIMBERLAND ACRES BY FOREST TYPE - NORTH REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
<i>Acres</i>				
Colbert	219,865	45,162	10,890	163,813
DeKalb	179,073	57,415	17,863	103,794
Franklin	289,712	93,069	24,302	172,340
Jackson	419,223	30,123	25,227	363,874
Lauderdale	162,892	24,148	5,025	133,719
Lawrence	202,402	42,655	26,592	133,154
Limestone	107,089	2,143	7,584	97,363
Madison	188,183	34,147	21,836	132,200
Marion	356,391	161,167	41,238	153,986
Marshall	148,945	30,880	19,484	98,580
Morgan	197,377	17,568	25,041	154,768
Winston	312,850	105,959	54,574	152,316
Total	2,784,001	644,434	279,658	1,859,910

TIMBERLAND ACRES BY FOREST TYPE - NORTHWEST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
<i>Acres</i>				
Bibb	331,102	141,509	75,830	113,763
Dallas	423,458	148,428	55,818	219,211
Fayette	341,614	148,707	36,540	156,369
Greene	325,227	122,361	44,281	158,586
Hale	287,018	129,270	28,773	128,976
Lamar	324,409	121,368	31,365	171,676
Perry	359,604	194,692	46,754	118,159
Pickens	470,275	204,795	59,990	205,490
Sumter	446,982	193,660	53,759	199,564
Tuscaloosa	692,687	281,052	92,336	319,299
Walker	389,901	158,117	58,968	172,816
Total	4,392,278	1,843,959	584,414	1,963,909

TIMBERLAND ACRES BY FOREST TYPE - NORTHEAST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Blount	224,961	101,463	39,993	83,505
Calhoun	195,798	72,856	32,210	90,731
Cherokee	246,076	97,757	49,973	98,346
Clay	301,088	91,966	56,322	152,799
Cleburne	262,132	91,667	66,063	104,402
Cullman	230,582	61,261	22,090	147,230
Etowah	185,874	60,675	20,694	104,506
Jefferson	404,894	163,931	85,258	155,705
Randolph	280,492	128,034	28,281	124,177
St. Clair	310,346	86,911	52,800	170,635
Shelby	344,039	144,663	70,787	128,588
Talladega	315,459	141,778	46,340	127,341
Total	3,301,740	1,242,962	570,811	1,487,965

TIMBERLAND ACRES BY FOREST TYPE - EAST CENTRAL REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Autauga	305,643	162,364	31,145	112,134
Chambers	308,452	176,301	26,576	105,575
Chilton	315,678	97,945	72,906	144,828
Coosa	381,801	169,508	40,875	171,418
Elmore	248,022	107,357	37,180	103,485
Lee	253,245	128,634	57,897	66,714
Lowndes	304,152	141,541	34,504	128,107
Macon	328,514	150,529	48,821	129,163
Montgomery	247,643	62,215	45,305	140,123
Russell	305,199	149,764	32,988	122,449
Tallapoosa	384,890	175,982	64,404	144,504
Total	3,383,240	1,522,140	492,601	1,368,500

TIMBERLAND ACRES BY FOREST TYPE - SOUTHWEST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
Acres				
Baldwin	725,480	375,439	125,963	224,078
Choctaw	531,849	279,640	70,012	182,197
Clarke	753,086	388,957	116,267	247,862
Conecuh	444,924	226,182	68,513	150,230
Escambia	468,232	293,228	56,814	118,190
Marengo	471,698	199,727	60,783	211,188
Mobile	499,196	212,590	65,352	221,255
Monroe	578,395	299,848	92,833	185,715
Washington	635,487	314,039	109,963	211,485
Wilcox	517,641	274,821	62,309	180,512
Total	5,625,989	2,864,471	828,809	1,932,712

TIMBERLAND ACRES BY FOREST TYPE - SOUTHEAST REGION

County	Total	Softwoods	Oak-Pine	Hardwoods
<i>Acres</i>				
Barbour	425,440	205,433	55,679	164,327
Bullock	316,831	145,592	57,462	113,777
Butler	410,612	234,290	36,934	139,389
Coffee	235,509	89,368	27,959	118,182
Covington	512,238	314,140	73,107	124,992
Crenshaw	313,313	144,705	30,527	138,082
Dale	260,207	91,166	42,038	127,004
Geneva	215,987	86,461	24,553	104,972
Henry	260,214	120,214	43,651	96,349
Houston	184,024	72,622	24,835	86,567
Pike	306,444	130,433	42,309	133,702
Total	3,440,818	1,634,424	459,054	1,347,343

NOTES: Statistics come from 2012 Forest Inventory & Analysis (FIA) data.

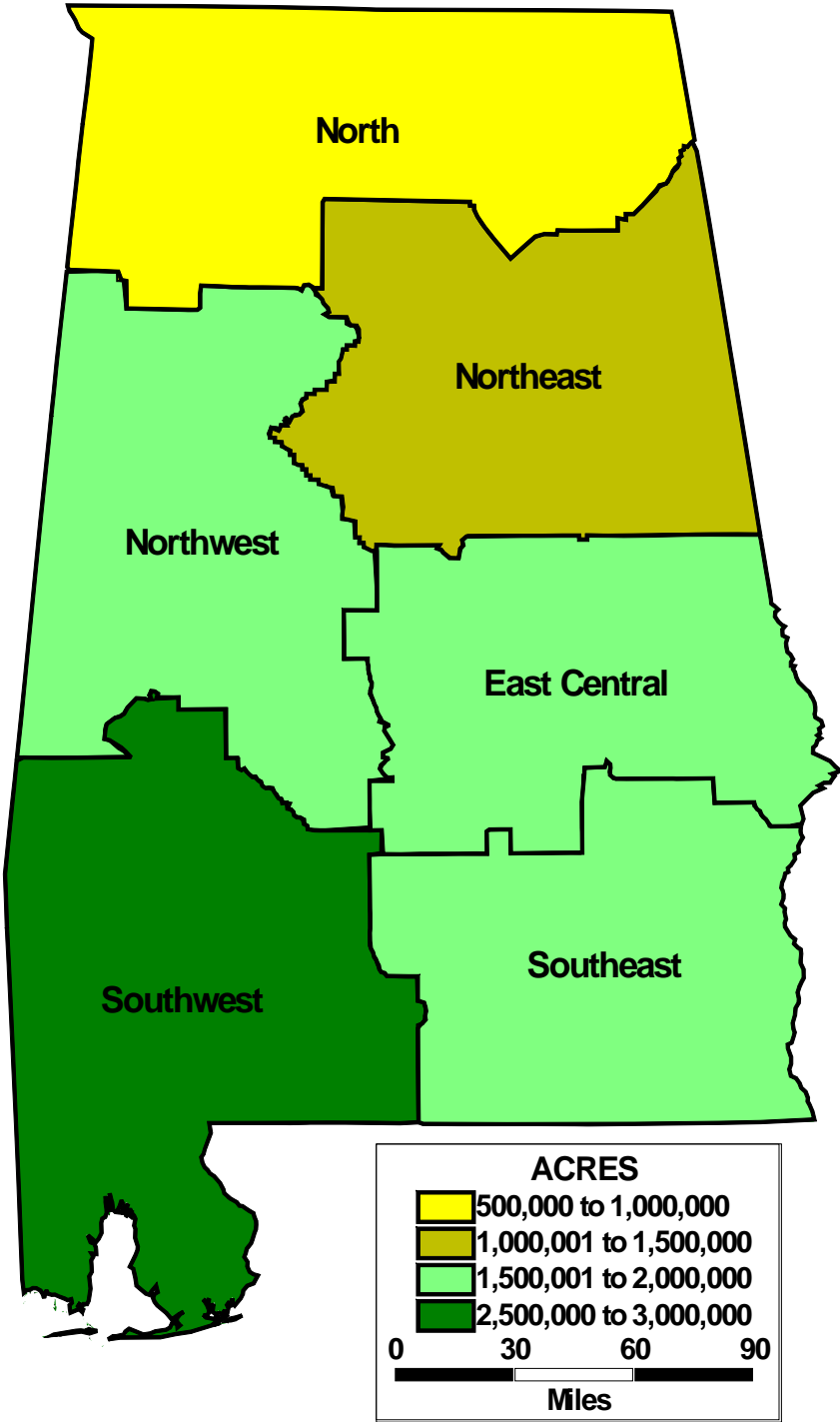
A very small portion (<1%) of timberland acreage is classified as “non-stocked” by FIA guidelines. The “non-stocked” acres have been included in the “oak-pine” category.

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.

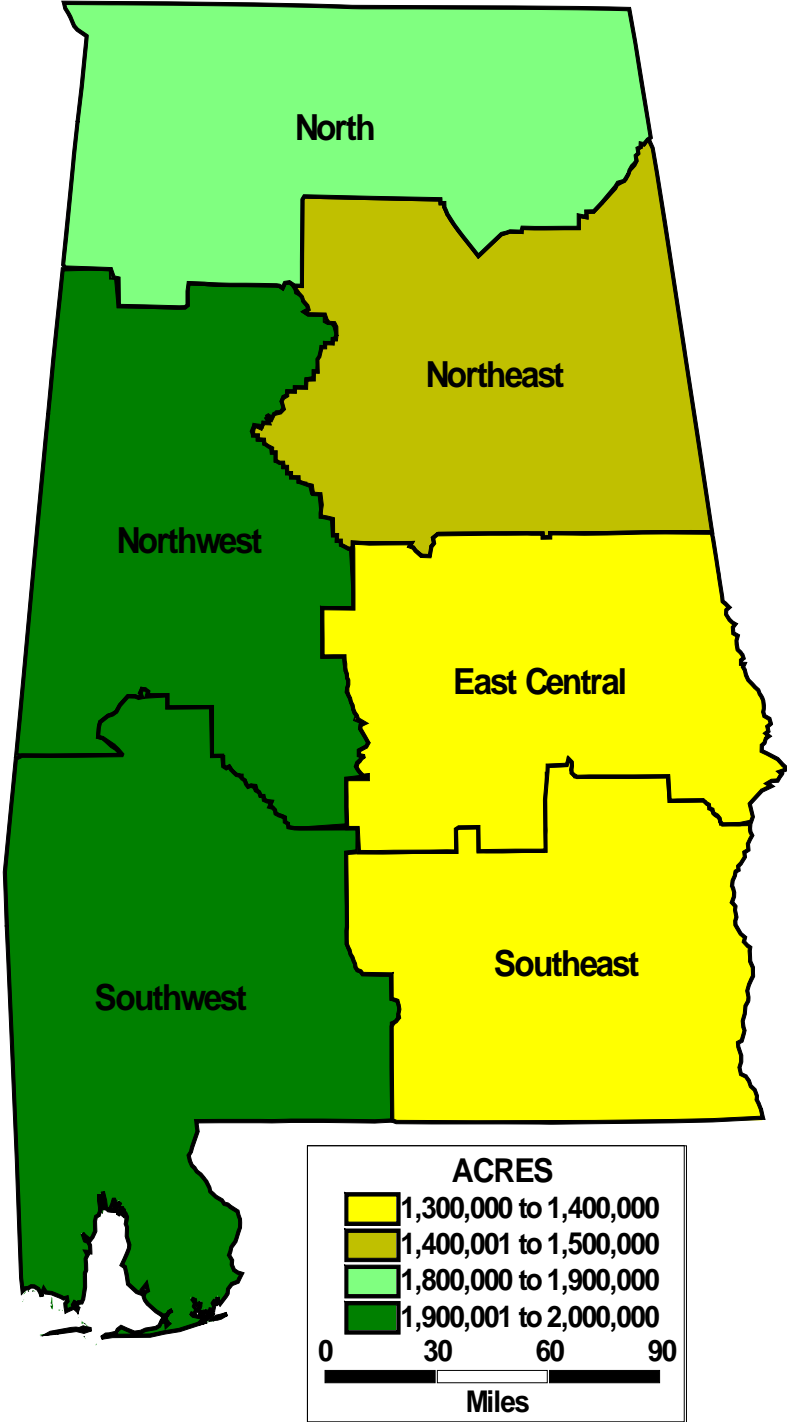
Timberland Acres by AFC Region and Forest Type Group - SOFTWOODS



Timberland Acres by AFC Region and Forest Type Group - MIXED



Timberland Acres by AFC Region and Forest Type Group - HARDWOODS



- Sawtimber-sized stands comprise 47% of Alabama’s timberland, while 27% of forest stands are comprised of mostly pulpwood-sized timber. Seedling/sapling-sized stands account for the remaining 26% of timberland acreage.

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTH REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Colbert	219,865	95,028	78,172	46,665
DeKalb	179,073	107,769	46,537	24,766
Franklin	289,712	115,826	114,722	59,164
Jackson	419,223	290,451	94,747	34,025
Lauderdale	162,892	90,961	50,975	20,955
Lawrence	202,402	117,264	51,790	33,348
Limestone	107,089	69,707	18,277	19,106
Madison	188,183	145,845	25,993	16,345
Marion	356,391	124,094	135,243	97,054
Marshall	148,945	95,116	10,816	43,012
Morgan	197,377	129,832	29,555	37,990
Winston	312,850	163,945	64,375	84,530
Total	2,784,001	1,545,838	721,202	516,962

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Bibb	331,102	168,376	57,997	104,728
Dallas	423,458	209,269	112,788	101,400
Fayette	341,614	110,932	135,530	95,152
Greene	325,227	154,634	65,484	105,110
Hale	287,018	155,073	71,280	60,665
Lamar	324,409	142,005	96,397	86,008
Perry	359,604	157,217	97,208	105,179
Pickens	470,275	161,702	146,048	162,526
Sumter	446,982	179,407	142,727	124,848
Tuscaloosa	692,687	330,966	165,650	196,071
Walker	389,901	187,546	103,552	98,803
Total	4,392,278	1,957,127	1,194,662	1,240,489

TIMBERLAND ACRES BY FOREST STAND SIZE - NORTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Blount	224,961	112,284	60,707	51,970
Calhoun	195,798	110,742	46,154	38,902
Cherokee	246,076	136,579	53,851	55,646
Clay	301,088	138,337	114,112	48,638
Cleburne	262,132	159,266	77,904	24,963
Cullman	230,582	95,143	97,338	38,101
Etowah	185,874	121,893	19,737	44,244
Jefferson	404,894	216,746	104,844	83,305
Randolph	280,492	146,318	59,156	75,019
St. Clair	310,346	180,688	79,161	50,496
Shelby	344,039	163,546	85,695	94,798
Talladega	315,459	144,457	85,216	85,787
Total	3,301,740	1,725,997	883,875	691,869

TIMBERLAND ACRES BY FOREST STAND SIZE - EAST CENTRAL REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Autauga	305,643	106,443	97,741	101,459
Chambers	308,452	157,440	77,504	73,508
Chilton	315,678	125,464	129,273	60,942
Coosa	381,801	140,513	104,964	136,324
Elmore	248,022	129,735	84,144	34,143
Lee	253,245	109,528	80,430	63,286
Lowndes	304,152	141,338	95,098	67,716
Macon	328,514	210,573	56,015	61,927
Montgomery	247,643	145,912	44,351	57,380
Russell	305,199	121,711	109,617	73,872
Tallapoosa	384,890	175,666	136,050	73,174
Total	3,383,240	1,564,323	1,015,186	803,731

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHWEST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Baldwin	725,480	276,631	255,172	193,678
Choctaw	531,849	230,261	124,241	177,348
Clarke	753,086	378,446	137,446	237,193
Conecuh	444,924	179,948	109,766	155,210
Escambia	468,232	137,625	119,160	211,446
Marengo	471,698	210,126	115,989	145,583
Mobile	499,196	216,595	112,302	170,299
Monroe	578,395	248,704	126,823	202,868
Washington	635,487	286,781	216,466	132,240
Wilcox	517,641	234,098	138,976	144,568
Total	5,625,989	2,399,215	1,456,341	1,770,433

TIMBERLAND ACRES BY FOREST STAND SIZE - SOUTHEAST REGION

County	Total	Sawtimber	Pulpwood	Seedling/Sapling
Acres				
Barbour	425,440	211,215	105,005	109,220
Bullock	316,831	168,903	80,508	67,420
Butler	410,612	183,825	131,807	94,980
Coffee	235,509	71,973	104,941	58,596
Covington	512,238	254,160	156,460	101,619
Crenshaw	313,313	194,363	51,262	67,688
Dale	260,207	142,783	45,042	72,382
Geneva	215,987	95,044	62,716	58,227
Henry	260,214	92,289	72,616	95,309
Houston	184,024	96,160	55,083	32,781
Pike	306,444	128,080	86,390	91,975
Total	3,440,818	1,638,793	951,829	850,197

NOTES: Statistics come from 2012 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.

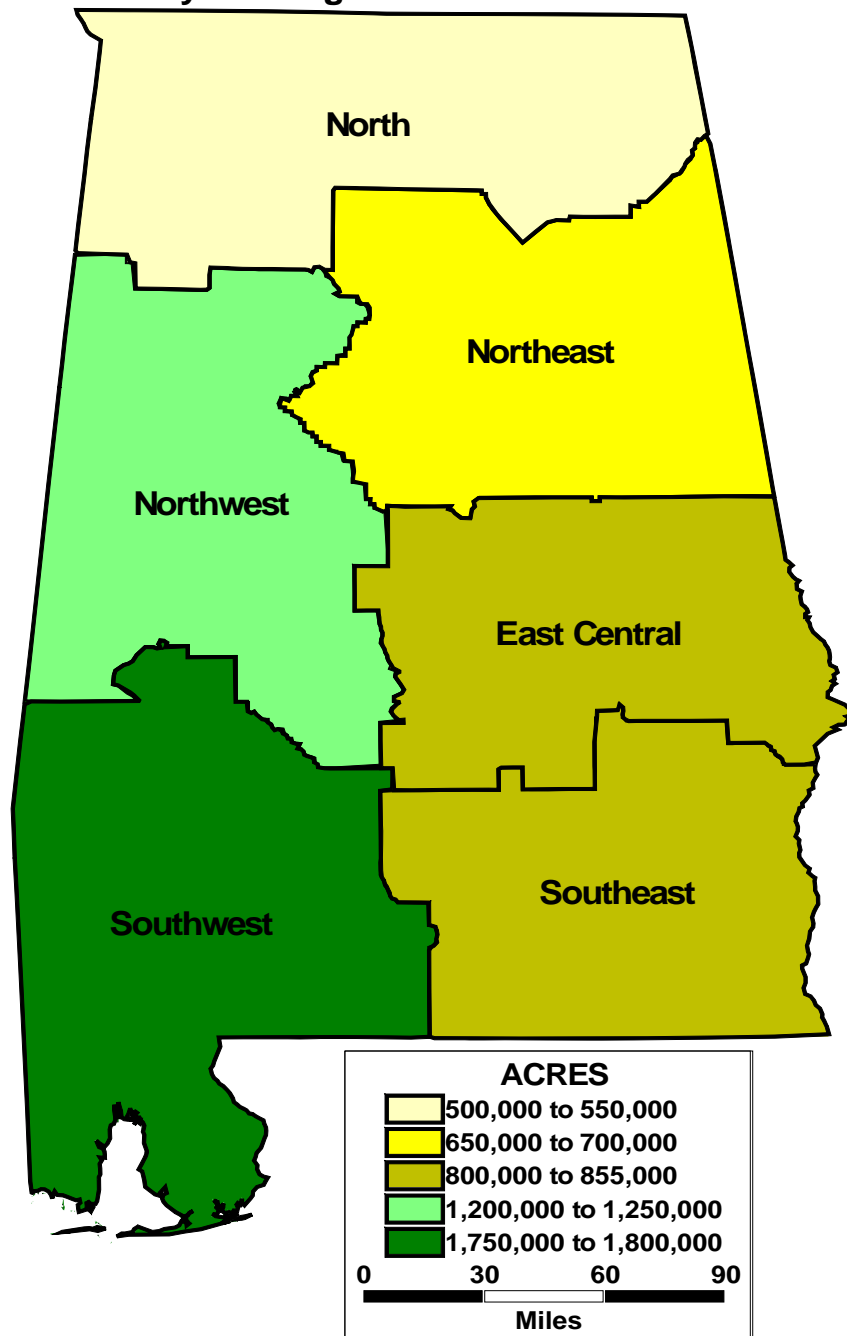
Timberland Acres by AFC Region and Stand Size - SAWTIMBER



Timberland Acres by AFC Region and Stand Size - PULPWOOD



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



Timber Volume

- There are 551.7 million tons of softwood growing stock volume and 582.1 million tons of hardwood growing stock volume in Alabama.
- Since 2000 total growing stock volume (tons) has increased by 14.2%; softwood volume has increased by 23.6% and hardwood volume has increased by 6.5%.
- There are approximately 912.9 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 18% 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; 53% more than the Northwest Region which ranks second.
- The North Region has the most hardwood volume; 3% more than the Northwest Region which ranks second.

GROWING STOCK VOLUME BY SPECIES GROUP - NORTH REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	11,676,445	2,802,349	8,874,096
DeKalb	11,093,562	3,354,428	7,739,134
Franklin	13,765,652	5,304,516	8,461,136
Jackson	29,125,991	2,469,585	26,656,406
Lauderdale	8,457,870	1,473,376	6,984,494
Lawrence	12,112,733	4,013,695	8,099,039
Limestone	7,197,336	291,275	6,906,060
Madison	14,739,667	2,673,305	12,066,362
Marion	16,464,809	9,715,537	6,749,272
Marshall	8,793,497	1,827,264	6,966,233
Morgan	13,724,424	2,623,115	11,101,309
Winston	16,944,388	7,290,084	9,654,304
Total	164,096,374	43,838,531	120,257,843

GROWING STOCK VOLUME BY SPECIES GROUP - NORTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Bibb	20,496,111	9,939,097	10,557,014
Dallas	16,720,738	6,278,099	10,442,638
Fayette	16,398,326	8,729,923	7,668,403
Greene	15,697,501	5,626,587	10,070,914
Hale	15,391,550	7,025,854	8,365,696
Lamar	17,629,275	6,736,789	10,892,486
Perry	15,275,069	9,035,326	6,239,742
Pickens	21,671,317	9,800,841	11,870,475
Sumter	20,488,736	9,795,862	10,692,874
Tuscaloosa	34,935,470	15,883,105	19,052,365
Walker	18,914,815	8,411,807	10,503,008
Total	213,618,905	97,263,291	116,355,614

GROWING STOCK VOLUME BY SPECIES GROUP - NORTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	11,896,116	5,756,946	6,139,170
Calhoun	11,360,987	4,783,073	6,577,915
Cherokee	12,601,086	5,737,148	6,863,938
Clay	16,518,673	8,170,875	8,347,798
Cleburne	16,616,773	8,676,396	7,940,377
Cullman	12,218,700	3,747,529	8,471,171
Etowah	10,896,271	3,425,667	7,470,604
Jefferson	23,965,431	12,441,435	11,523,996
Randolph	14,325,085	8,027,268	6,297,817
St. Clair	18,196,993	7,451,671	10,745,322
Shelby	18,735,127	8,460,681	10,274,446
Talladega	17,229,927	10,118,398	7,111,529
Total	184,561,170	86,797,086	97,764,084

GROWING STOCK VOLUME BY SPECIES GROUP - EAST CENTRAL REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	11,624,861	6,425,202	5,199,659
Chambers	14,002,464	8,270,882	5,731,582
Chilton	13,953,762	6,730,226	7,223,536
Coosa	16,033,848	9,772,780	6,261,068
Elmore	13,075,493	6,731,648	6,343,846
Lee	13,500,178	7,636,764	5,863,414
Lowndes	12,939,278	7,298,178	5,641,100
Macon	16,588,847	8,238,760	8,350,087
Montgomery	12,963,046	3,497,223	9,465,823
Russell	13,309,549	5,788,322	7,521,227
Tallapoosa	20,012,753	11,199,329	8,813,424
Total	158,004,079	81,589,314	76,414,765

GROWING STOCK VOLUME BY SPECIES GROUP - SOUTHWEST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	31,297,470	18,589,366	12,708,104
Choctaw	30,096,342	18,251,506	11,844,835
Clarke	33,446,223	19,860,660	13,585,564
Conecuh	16,904,991	10,247,888	6,657,103
Escambia	15,238,984	11,304,156	3,934,828
Marengo	23,694,669	10,254,215	13,440,454
Mobile	18,819,495	11,373,768	7,445,727
Monroe	27,400,827	16,365,656	11,035,172
Washington	31,776,183	20,497,419	11,278,764
Wilcox	23,831,996	12,330,987	11,501,010
Total	252,507,181	149,075,621	103,431,560

GROWING STOCK VOLUME BY SPECIES GROUP - SOUTHEAST REGION

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	21,409,446	13,066,205	8,343,241
Bullock	15,403,972	8,888,099	6,515,873
Butler	17,394,566	11,130,789	6,263,777
Coffee	9,376,249	5,868,750	3,507,499
Covington	22,498,141	16,192,855	6,305,286
Crenshaw	16,208,582	8,756,080	7,452,502
Dale	14,297,039	5,552,515	8,744,524
Geneva	11,381,284	6,334,212	5,047,072
Henry	10,025,350	5,304,499	4,720,851
Houston	9,548,300	4,159,695	5,388,605
Pike	13,565,534	7,929,493	5,636,041
Total	161,108,463	93,183,192	67,925,270

NOTES: Statistics come from 2012 Forest Inventory & Analysis (FIA) data.

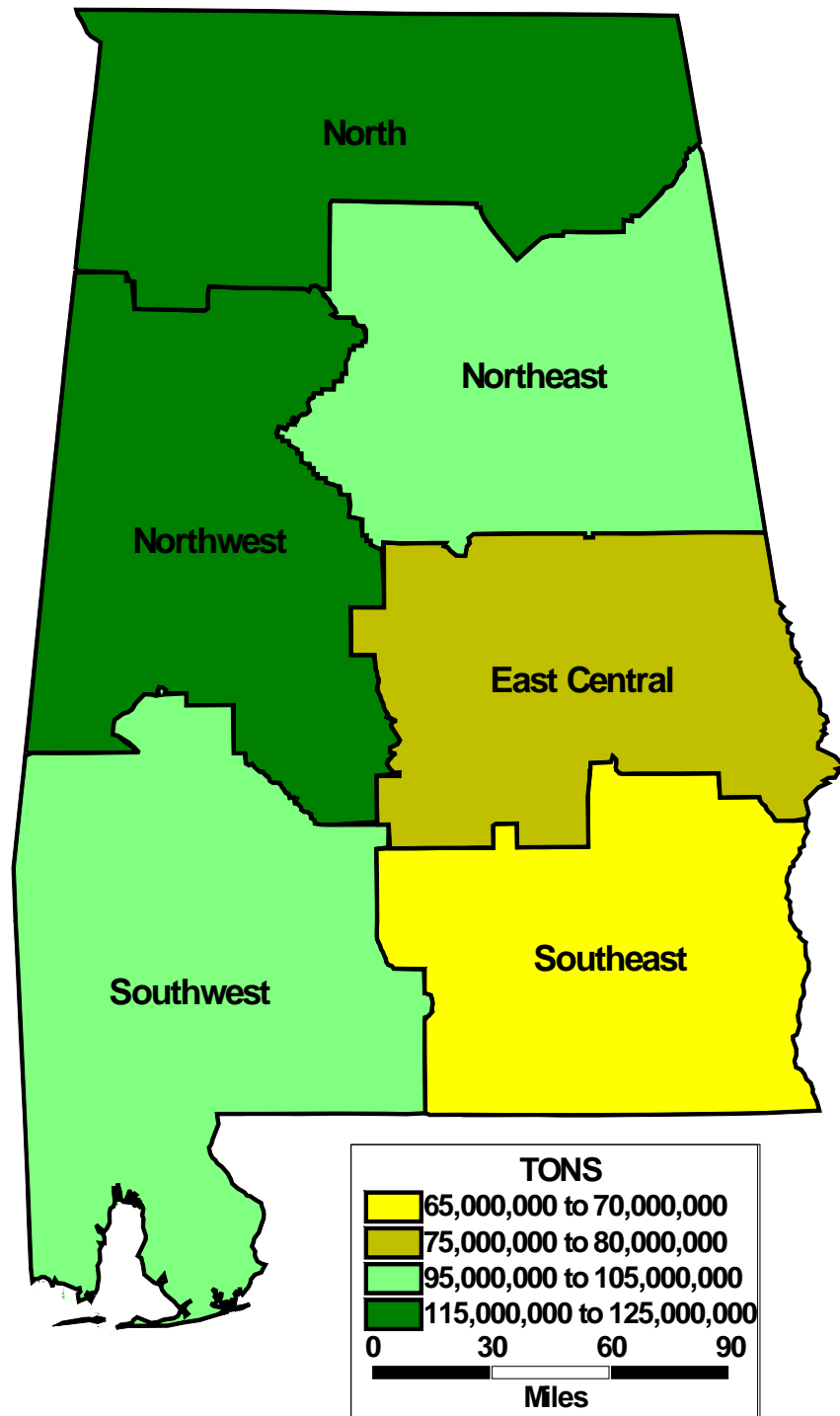
“Growing stock” refers to high-quality trees capable of producing lumber, veneer, poles, or ties/timbers currently or in the future, based on FIA specifications.

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 2012

- For the time period 2001 to 2012, softwood net growth amounted to 41.6 million tons annually and net growth for hardwoods was 18.0 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 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	478,601	175,322	303,279
DeKalb	390,448	154,587	235,860
Franklin	685,895	499,302	186,593
Jackson	905,352	182,648	722,704
Lauderdale	407,093	129,975	277,118
Lawrence	359,590	143,446	216,144
Limestone	283,908	23,672	260,236
Madison	380,573	38,671	341,902
Marion	1,224,128	967,780	256,348
Marshall	275,818	83,057	192,761
Morgan	528,323	160,223	368,100
Winston	810,693	495,462	315,231
Total	6,730,421	3,054,144	3,676,277

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

NORTHWEST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Bibb	822,377	560,350	262,027
Dallas	905,555	664,582	240,973
Fayette	1,062,374	733,318	329,057
Greene	620,586	382,775	237,811
Hale	681,990	537,635	144,355
Lamar	1,258,914	739,915	518,999
Perry	875,327	683,224	192,103
Pickens	1,326,565	968,539	358,026
Sumter	977,291	679,224	298,067
Tuscaloosa	1,851,310	1,247,311	604,000
Walker	1,139,371	727,376	411,995
Total	11,521,662	7,924,250	3,597,411

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

NORTHEAST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	562,984	444,014	118,970
Calhoun	445,040	306,702	138,339
Cherokee	703,952	461,258	242,694
Clay	823,326	495,920	327,406
Cleburne	692,966	475,503	217,463
Cullman	713,133	319,186	393,947
Etowah	571,343	328,157	243,186
Jefferson	1,198,773	852,451	346,321
Randolph	801,036	569,434	231,602
St. Clair	847,417	519,129	328,288
Shelby	900,155	540,395	359,760
Talladega	884,196	661,305	222,890
Total	9,144,321	5,973,454	3,170,867

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

EAST CENTRAL REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	773,529	616,827	156,702
Chambers	930,786	715,340	215,446
Chilton	799,072	509,446	289,626
Coosa	1,197,402	926,981	270,421
Elmore	792,025	564,353	227,672
Lee	890,471	656,856	233,615
Lowndes	998,077	797,361	200,716
Macon	730,955	494,782	236,173
Montgomery	601,679	250,891	350,788
Russell	948,602	662,343	286,258
Tallapoosa	1,279,027	1,015,503	263,524
Total	9,941,625	7,210,682	2,730,943

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

SOUTHWEST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	1,166,364	940,890	225,474
Choctaw	1,453,970	1,185,470	268,500
Clarke	1,872,858	1,355,795	517,063
Conecuh	1,050,754	905,616	145,138
Escambia	779,934	748,538	31,396
Marengo	1,165,445	871,587	293,858
Mobile	743,590	588,657	154,933
Monroe	1,097,730	998,539	99,191
Washington	1,573,753	1,294,410	279,343
Wilcox	1,287,356	1,061,113	226,243
Total	12,191,754	9,950,615	2,241,139

AVERAGE ANNUAL NET GROWTH OF GROWING STOCK BY SPECIES GROUP

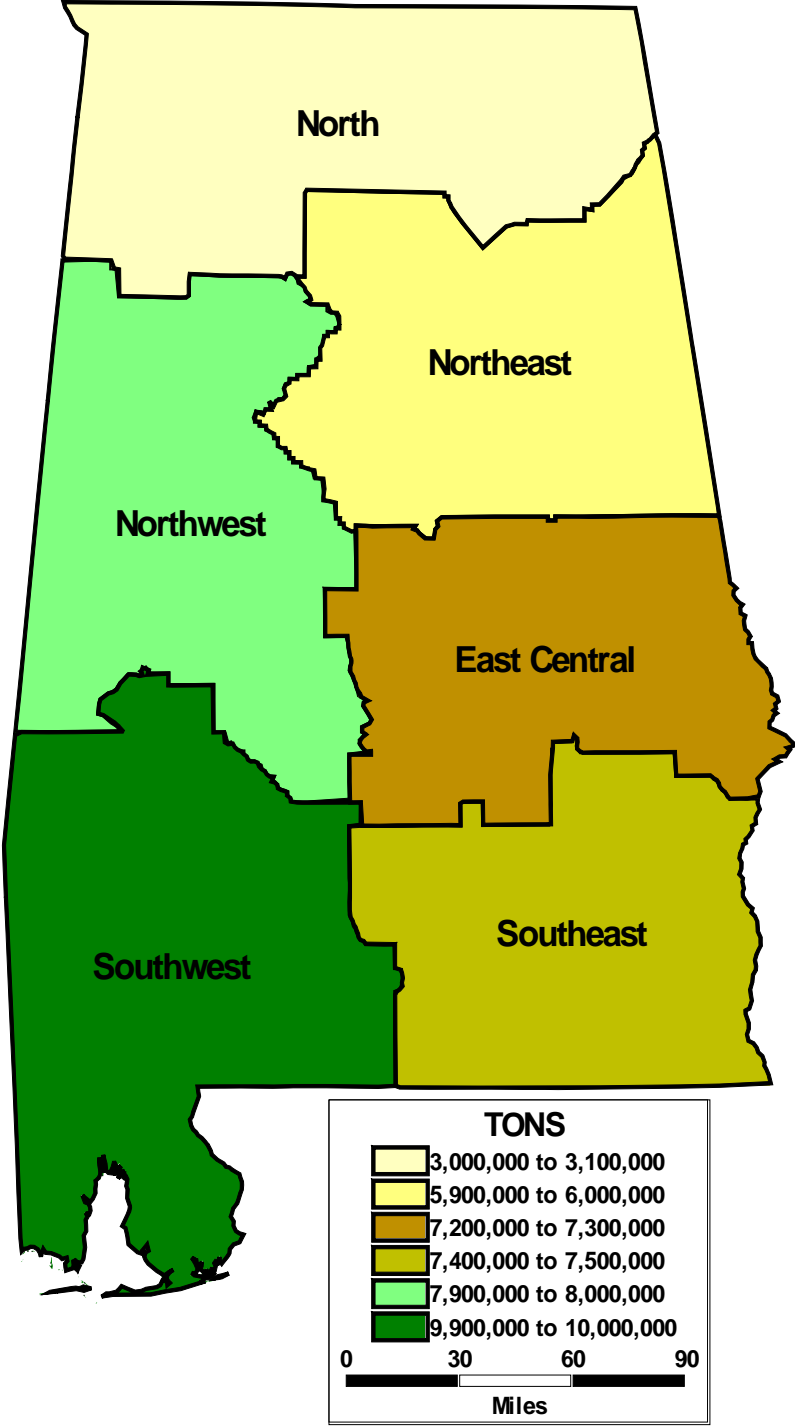
SOUTHEAST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	1,466,026	1,140,491	325,535
Bullock	999,370	792,219	207,151
Butler	1,345,433	1,072,219	273,214
Coffee	800,259	578,407	221,852
Covington	1,245,399	1,008,858	236,541
Crenshaw	995,679	730,238	265,440
Dale	686,247	386,798	299,448
Geneva	435,251	258,126	177,125
Henry	676,571	440,180	236,391
Houston	484,213	362,803	121,410
Pike	938,803	681,502	257,301
Total	10,073,250	7,451,841	2,621,409

NOTE: Statistics come from 2012 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 - 2012)



Average Annual Net Growth by AFC Region and Species Group - HARDWOODS
(Period 2001 - 2012)



Timber Harvest Removals - Period 2001 to 2012

- Softwood volume removed annually as a result of harvesting during the 2001 to 2012 time period amounted to 31.1 million tons. Based on the total timber volume in Alabama in 2012, approximately 5.6% of total pine volume was harvested annually during the 2001 to 2012 period. Hardwood volume removed annually averaged 11.2 million tons. Using the same criteria as above approximately 1.9% of total hardwood volume was harvested annually from 2001 to 2012.
- 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). Thirty-six percent of all softwood harvest removals came from the Southwest Region. 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.

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTH REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Colbert	116,308	31,478	84,830
DeKalb	345,016	65,045	279,971
Franklin	170,625	59,341	111,283
Jackson	458,631	98,588	360,043
Lauderdale	272,119	124,117	148,003
Lawrence	425,773	118,170	307,603
Limestone	148,747	0	148,747
Madison	177,468	0	177,468
Marion	787,962	645,920	142,042
Marshall	243,844	166,571	77,273
Morgan	461,027	283,940	177,087
Winston	394,011	289,633	104,378
Total	4,001,531	1,882,803	2,118,728

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTHWEST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Bibb	699,352	633,880	65,472
Dallas	1,333,193	1,028,042	305,151
Fayette	635,589	524,156	111,432
Greene	534,212	165,074	369,137
Hale	468,166	345,298	122,868
Lamar	501,957	450,050	51,907
Perry	656,845	578,634	78,211
Pickens	1,044,896	826,934	217,961
Sumter	1,373,923	719,152	654,771
Tuscaloosa	928,361	553,123	375,237
Walker	611,841	474,009	137,832
Total	8,788,333	6,298,352	2,489,981

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

NORTHEAST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Blount	410,999	195,368	215,631
Calhoun	61,632	58,710	2,922
Cherokee	423,464	303,016	120,448
Clay	417,601	319,808	97,792
Cleburne	462,118	407,844	54,274
Cullman	352,404	140,667	211,737
Etowah	50,702	19,978	30,723
Jefferson	375,732	231,148	144,584
Randolph	502,087	328,225	173,862
St. Clair	299,162	259,668	39,493
Shelby	454,514	280,159	174,356
Talladega	540,909	386,272	154,636
Total	4,351,322	2,930,863	1,420,460

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

EAST CENTRAL REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Autauga	291,449	220,224	71,225
Chambers	1,012,157	786,309	225,848
Chilton	343,239	177,186	166,053
Coosa	1,030,555	836,010	194,546
Elmore	233,689	193,530	40,160
Lee	511,763	420,599	91,164
Lowndes	535,283	385,803	149,480
Macon	431,827	113,786	318,041
Montgomery	173,411	51,236	122,175
Russell	286,172	172,510	113,662
Tallapoosa	675,512	571,855	103,657
Total	5,525,059	3,929,048	1,596,011

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

SOUTHWEST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Baldwin	1,447,959	1,397,009	50,949
Choctaw	1,587,226	1,320,596	266,630
Clarke	2,602,729	1,985,214	617,515
Conecuh	1,349,934	1,002,759	347,175
Escambia	928,351	860,333	68,019
Marengo	877,710	729,608	148,103
Mobile	918,809	760,469	158,339
Monroe	1,478,043	1,194,135	283,909
Washington	1,192,075	1,083,271	108,804
Wilcox	1,165,642	1,026,470	139,171
Total	13,548,477	11,359,864	2,188,613

AVERAGE ANNUAL REMOVALS OF GROWING STOCK BY SPECIES GROUP

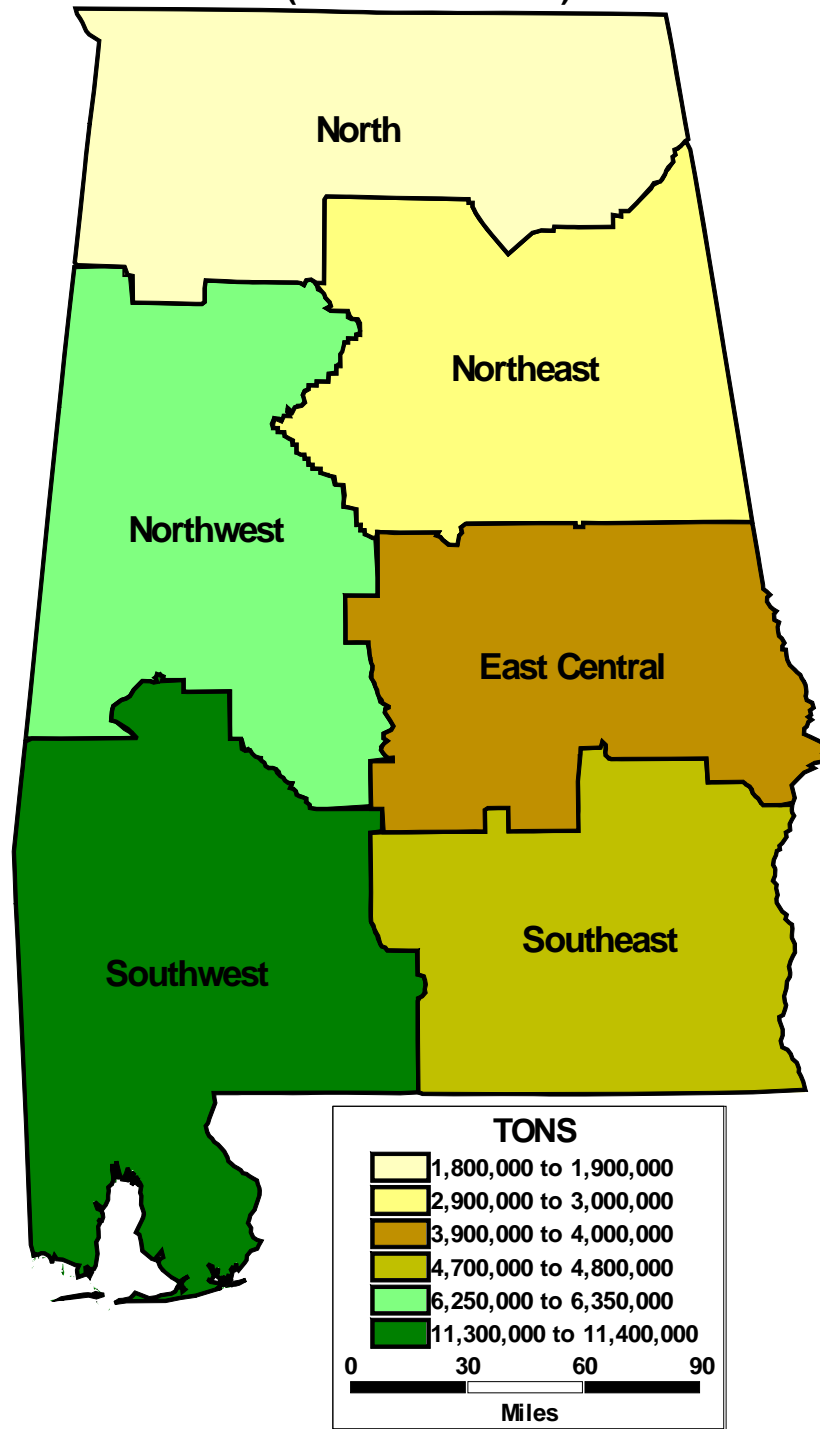
SOUTHEAST REGION (Period 2001 – 2012)

County	Total	Softwoods	Hardwoods
<i>Tons</i>			
Barbour	811,467	516,601	294,865
Bullock	538,179	485,236	52,943
Butler	810,500	663,231	147,269
Coffee	362,596	268,460	94,137
Covington	729,849	657,774	72,075
Crenshaw	902,140	731,537	170,603
Dale	470,116	253,239	216,877
Geneva	167,148	142,349	24,800
Henry	622,236	418,263	203,972
Houston	136,046	97,173	38,873
Pike	595,210	486,324	108,886
Total	6,145,487	4,720,186	1,425,301

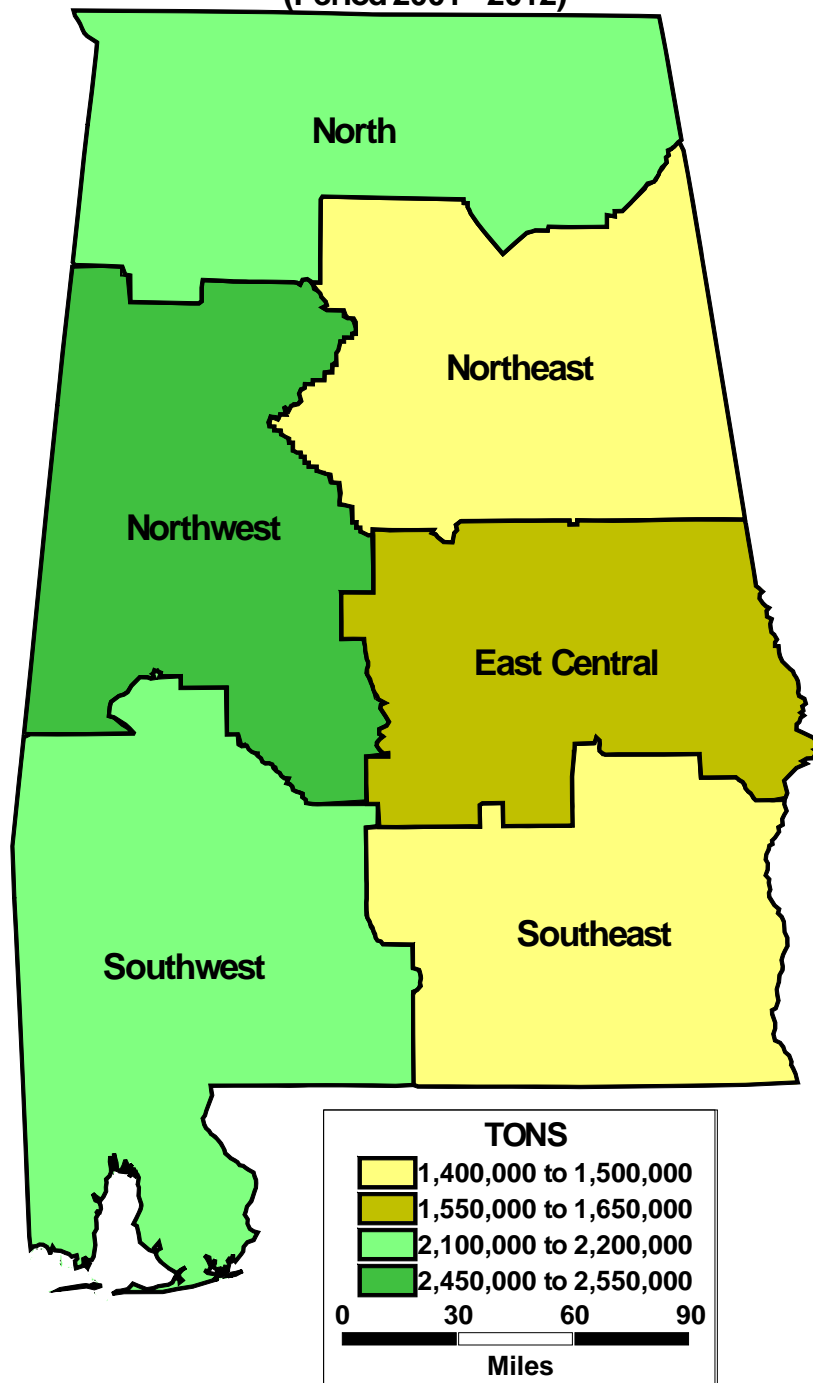
NOTE: Statistics come from 2012 Forest Inventory & Analysis (FIA) data.

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

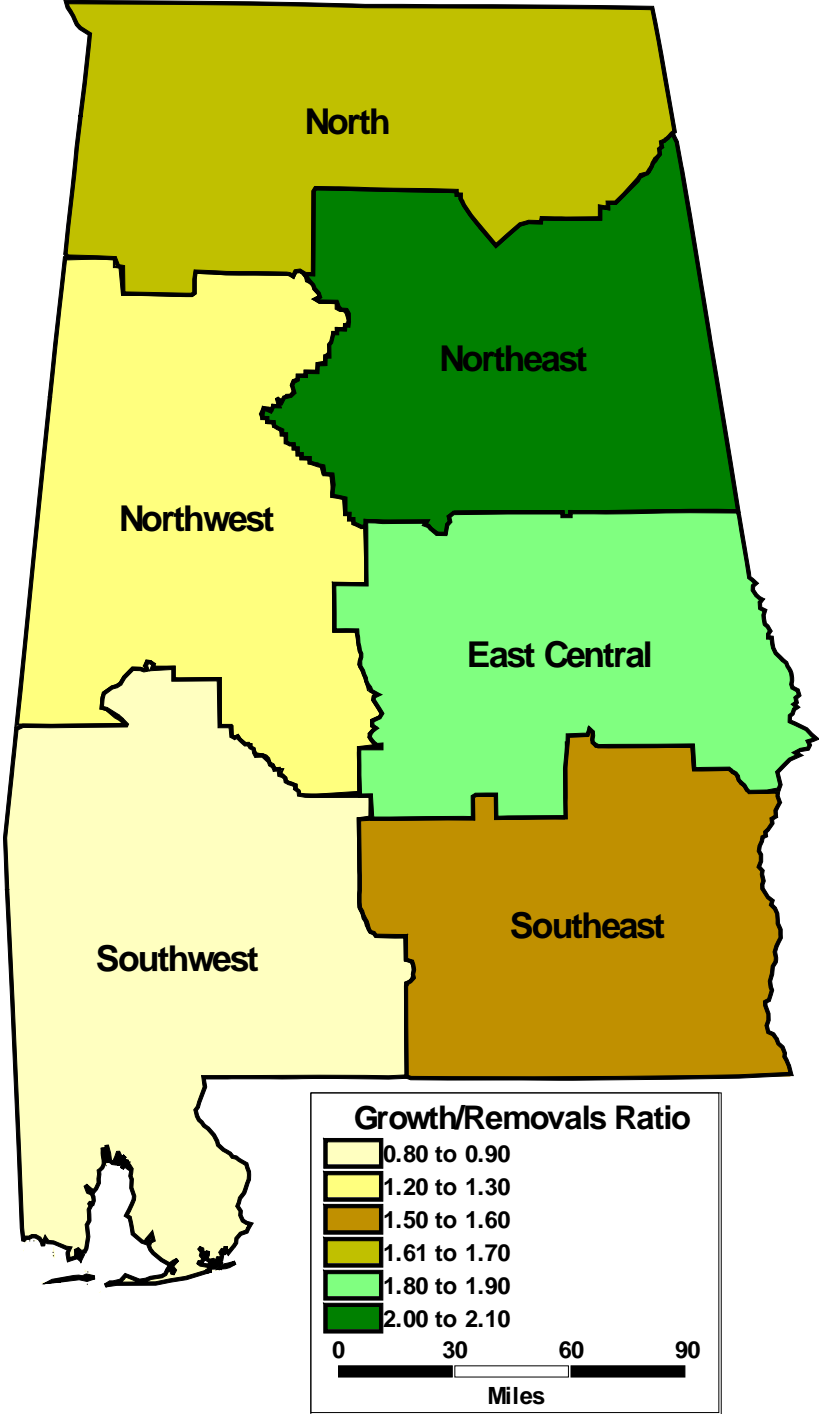
Average Annual Removals by AFC Region and Species Group - **SOFTWOODS**
(Period 2001 - 2012)



Average Annual Removals by AFC Region and Species Group - HARDWOODS
(Period 2001 - 2012)



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



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



2012 Timber Harvests Volume

- Based on Alabama Department of Revenue severance tax reports for 2012, 1.25 billion board feet of pine sawtimber and 199.8 million board feet of hardwood sawtimber were harvested. In addition, approximately 7.4 million cords of pine pulpwood were harvested in 2012 while 3.2 million cords of hardwood pulpwood were harvested.
- Sawtimber harvests (includes poles) accounted for 25% of the total harvests in 2012 while pulpwood accounted for 75% of the total volume harvested. (See chart on page 39)
- Compared to 2011, pine sawtimber harvests increased by 16.2% and hardwood sawtimber harvests increased by 9.0%. When comparing 2012 sawtimber harvests to the previous five year period's average volume, pine sawtimber harvests have increased by 1.3% and the amount of hardwood sawtimber harvested has decreased by 7.4%. The increase in sawtimber harvests over 2011 can largely be linked to the recovery in the housing market. Housing starts in the South region of the United States increased by 29% over 2011. The number of houses built nationwide in 2012 was the most in four years. In addition, shipments of southern yellow pine lumber amounted to \$14.279 billion board feet in 2012, an increase of 6% over the amount shipped in 2011. Whether or not the demand for sawtimber will continue to increase in 2013 depends primarily on the housing market. There are indications that new home construction will continue to increase because the historic low mortgage interest rates have begun to rise after hitting rock bottom, giving incentive to those potential buyers who have been waiting for the interest rates to bottom out to "buy now". On the negative side, stricter lending standards are inhibiting some potential buyers. In addition, the sluggish economy and fragile consumer confidence could negatively impact the housing market.
- Compared to 2011, pine pulpwood harvests were marginally higher (2.7%) and hardwood pulpwood harvests were up 7.4%. Compared to the previous five year period's average volume, pine pulpwood harvests have increased by 12.6% while hardwood pulpwood harvests have decreased by 1.9%. (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 relatively 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. In the Southwest Region where half of the pulp mills in the state are located, pine pulpwood production has increased by 35% since 2007 (the year before the housing market collapse). Pulpwood production will likely remain high in the upcoming years in large part to the ever-increasing demand for wood pellets in Europe. A record number of 3.2 million tons of wood pellets were exported from North America to Europe in 2012, and the United States has become the largest exporter of wood pellets in the world, surpassing Canada in 2012. The vast majority of U.S. wood pellet exports come from the South region of the country where shipments were up over 100% compared to 2011. As the demand for wood pellets and wood chips for biofuels continues to increase, the construction of wood pellet facilities in the South is expected to increase. One wood pellet mill located in Pickens County and owned by The Westervelt Company began operating in 2012 while another wood pellet mill owned by Zilkha Biomass Energy is under construction in Dallas County. In addition, a biofuels mill in Columbus, Mississippi has begun operating in the last year and will utilize pulpwood from Alabama to produce its products.

Table 1. Production of Forest Products by Product and County for Calendar Year 2012.

COUNTY	PINE SAWTIMBER <i>(mbf Scribner)</i>	HARDWOOD a/ SAWTIMBER <i>(mbf Doyle)</i>	PINE PULPWOOD <i>(cords)</i>	HARDWOOD PULPWOOD <i>(cords)</i>	POLES AND PILES <i>(mbf Doyle)</i>
Autauga	11,951	1,427	61,194	20,077	334
Baldwin	28,461	144	201,846	23,256	2,697
Barbour	26,674	1,231	286,591	77,669	438
Bibb	26,385	5,671	141,866	82,725	3,528
Blount	5,099	1,277	52,567	33,873	14
Bullock	13,185	995	126,619	27,000	0
Butler	85,953	652	236,272	66,454	4,950
Calhoun	5,762	291	41,351	27,612	182
Chambers	31,414	2,498	124,895	51,837	138
Cherokee	5,764	785	31,910	24,799	70
Chilton	15,072	1,188	95,421	34,559	691
Choctaw	37,217	4,360	324,544	136,680	2,677
Clarke	43,190	8,182	342,668	167,881	4,303
Clay	9,289	3,147	102,051	32,232	8
Cleburne	10,418	1,577	37,807	29,420	153
Coffee	18,211	215	135,975	57,462	307
Colbert	7,188	2,802	74,695	25,266	0
Conecuh	42,327	0	174,326	43,183	1,762
Coosa	15,937	563	157,859	39,359	361
Covington	26,565	37	139,294	47,482	1,493
Crenshaw	28,143	3,402	174,156	50,918	1,365
Cullman	2,490	1,050	66,076	27,588	27
Dale	3,855	881	89,548	44,179	39
Dallas	19,599	5,409	156,978	52,900	970
De Kalb	162	5,712	23,996	43,037	18
Elmore	8,189	989	72,167	37,079	60
Escambia	22,252	0	188,567	25,653	3,512
Etowah	3,686	1,328	29,810	27,291	53
Fayette	13,678	1,981	79,699	25,527	59
Franklin	9,742	4,020	76,074	39,622	0
Geneva	5,070	163	50,175	29,016	642
Greene	46,221	6,841	70,785	51,538	1,208
Hale	24,666	2,389	72,831	48,943	398
Henry	3,785	369	88,893	55,662	24
Houston	2,572	145	50,407	18,632	106
Jackson	433	9,505	30,926	47,771	0
Jefferson	8,225	3,383	71,165	26,955	73
Lamar	26,346	3,042	136,550	35,680	367
Lauderdale	2,919	2,656	24,797	43,878	0
Lawrence	840	1,223	18,742	24,893	0
Lee	5,954	1,433	92,589	17,658	21
Limestone	588	1,516	1,986	13,513	0
Lowndes	18,684	2,153	74,050	43,131	497
Macon	12,928	2,723	102,993	49,009	102
Madison	2,393	786	11,224	16,230	0
Marengo	26,668	22,050	259,170	126,398	741

Marion	19,593	1,309	108,473	37,586	160
Marshall	720	628	17,064	15,836	3
Mobile	12,265	723	100,246	23,415	820
Monroe	58,256	11,514	237,827	60,469	1,602
Montgomery	17,400	1,333	63,406	66,128	112
Morgan	1,616	879	17,844	16,777	18
Perry	32,102	6,993	118,442	65,266	1,545
Pickens	57,031	9,350	40,678	147,656	535
Pike	20,481	1,392	127,851	52,138	635
Randolph	14,651	948	63,531	28,259	0
Russell	10,372	1,746	113,835	19,574	106
Shelby	24,073	739	106,163	23,732	203
St Clair	5,015	1,316	60,284	31,626	15
Sumter	56,047	4,569	194,431	96,236	2,359
Talladega	7,223	535	97,681	33,612	295
Tallapoosa	24,495	2,737	154,171	46,511	4
Tuscaloosa	33,067	11,126	148,095	117,190	758
Walker	12,767	1,456	79,573	32,518	18
Washington	35,497	1,960	225,686	68,850	2,152
Wilcox	35,349	7,123	213,850	86,406	1,102
Winston	9,312	9,248	69,905	16,944	81

SUBTOTAL BY PRODUCT:	1,253,482	199,810	7,363,141	3,158,259	46,914
Cubic Foot Conversion (mmcf)	227.91	55.50	625.87	252.66	13.03

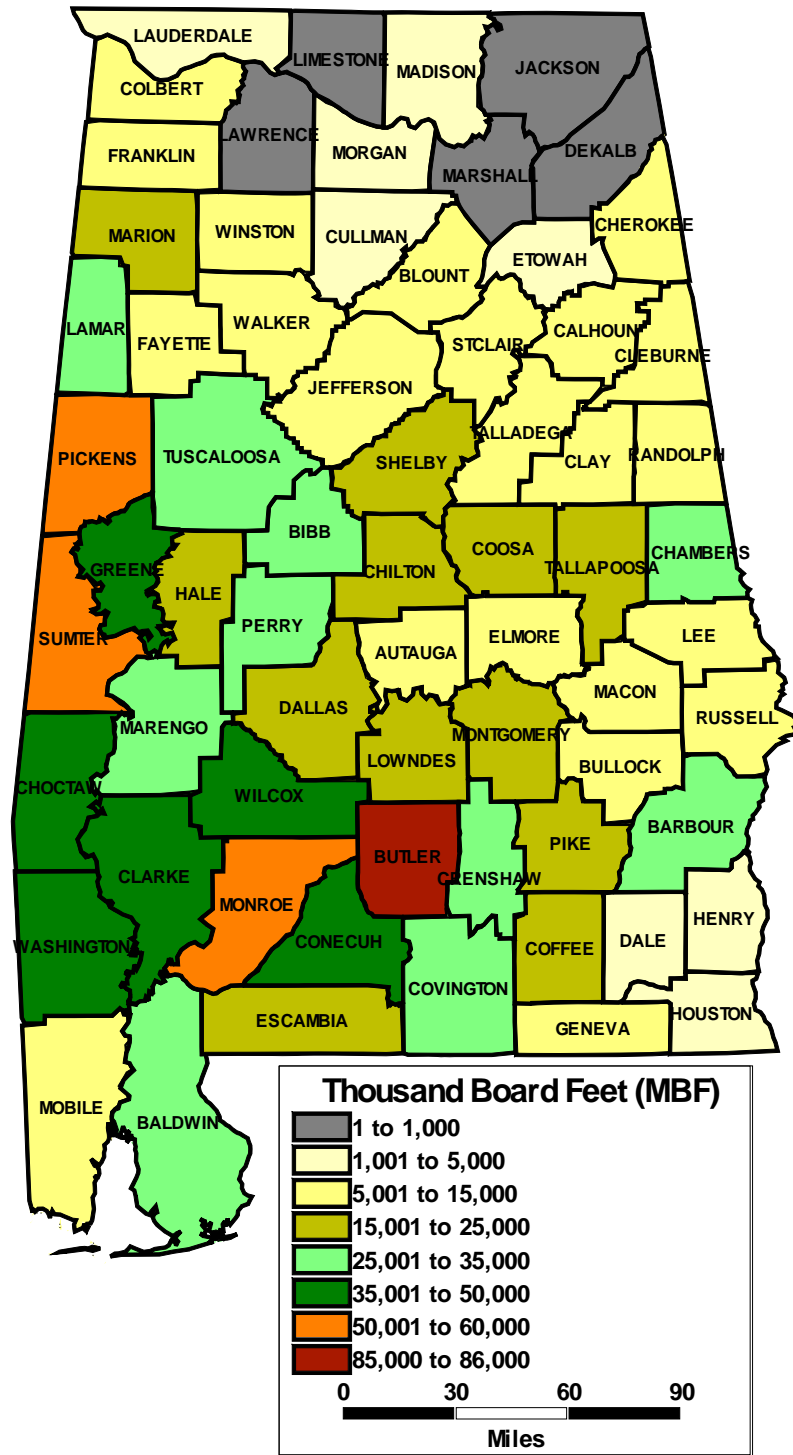
TOTAL HARVEST: 1,174.97 Million Cubic Feet

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

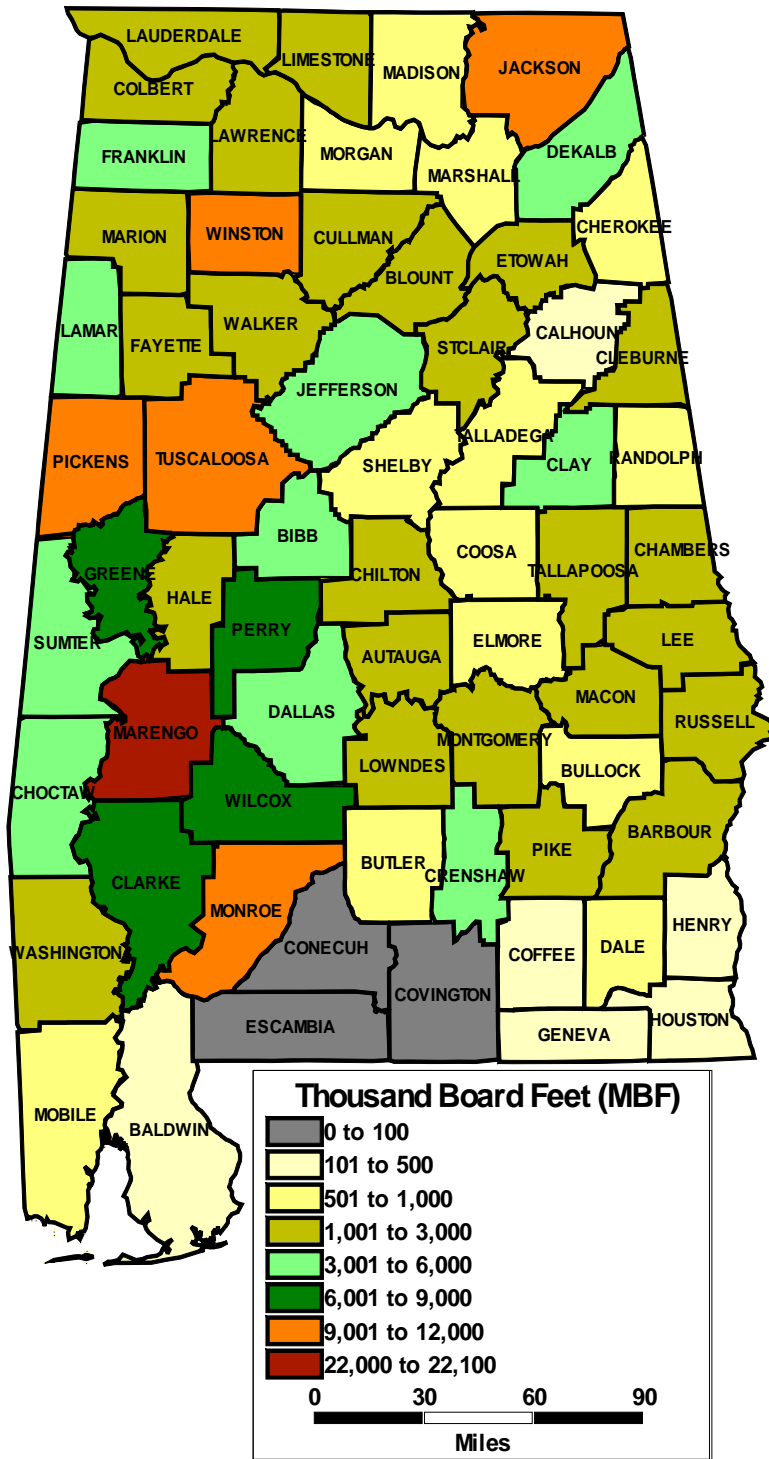
MBF= Thousand Board Feet

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

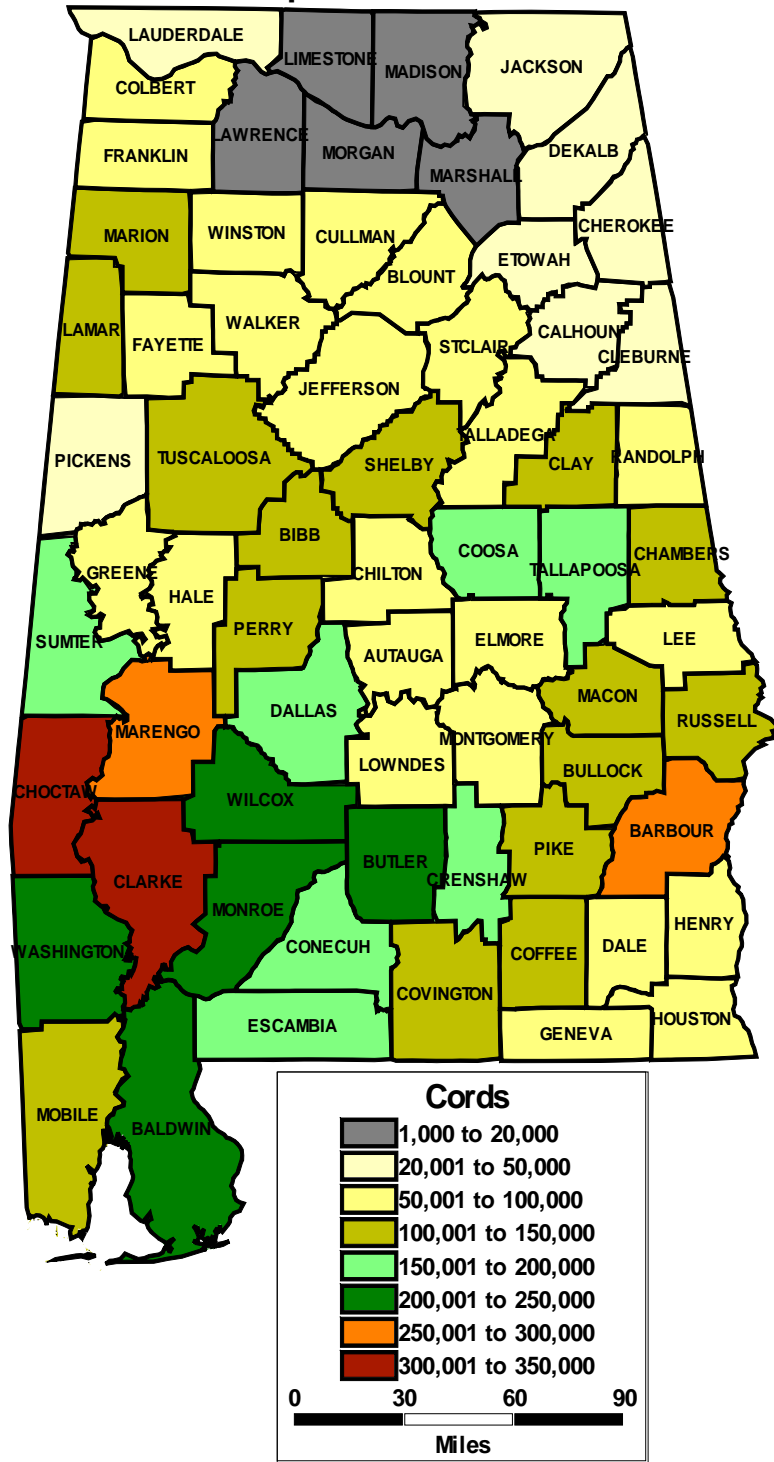
2012 Pine Sawtimber Harvest Removals



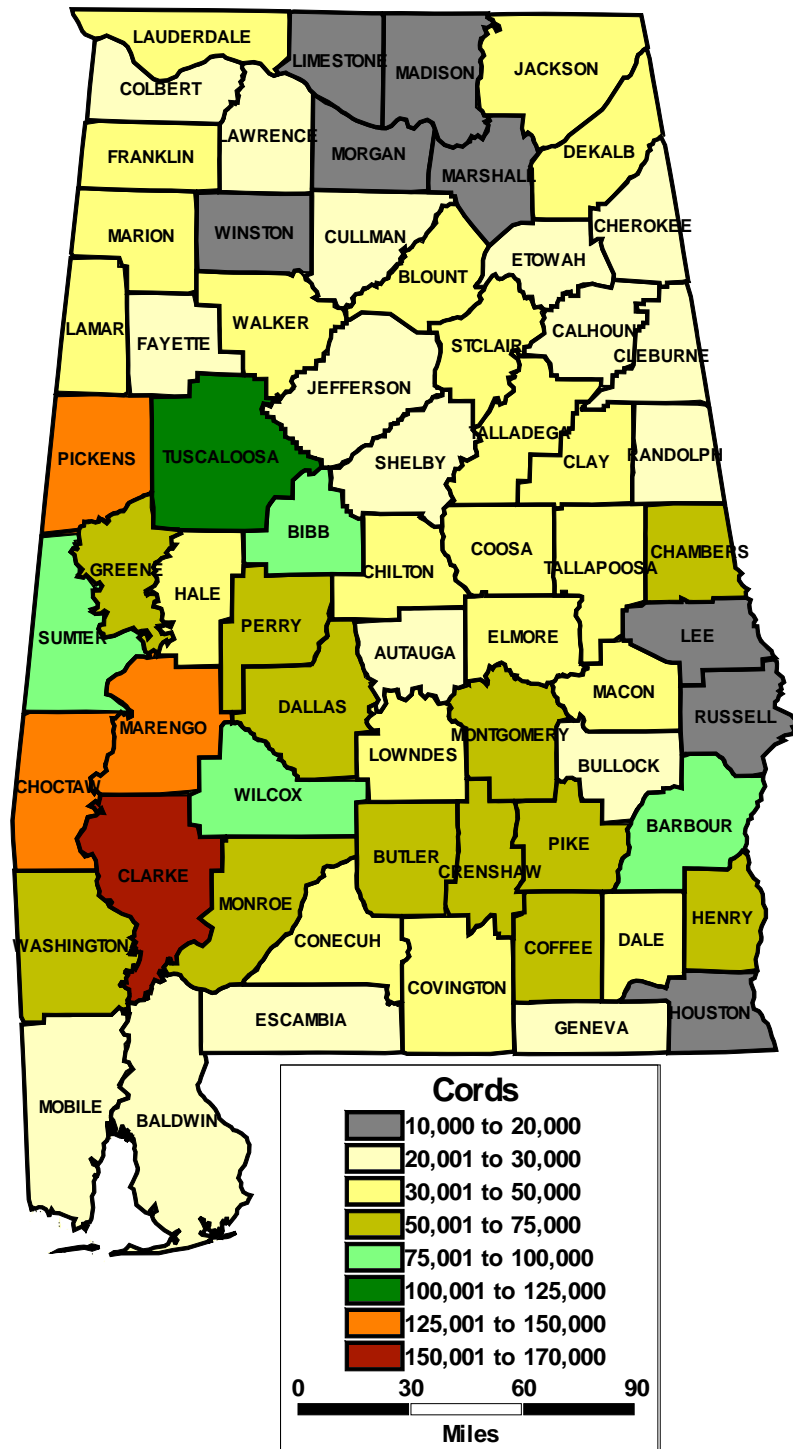
2012 Hardwood Sawtimber Harvest Removals



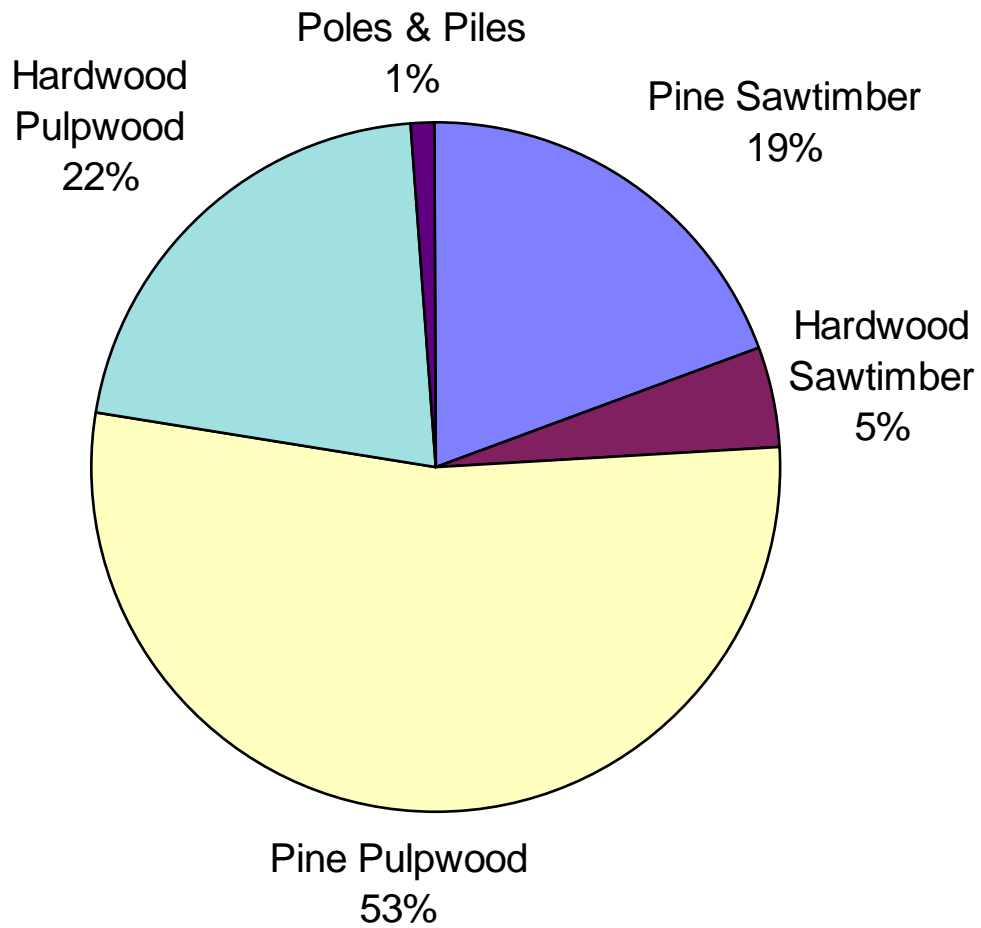
2012 Pine Pulpwood Harvest Removals



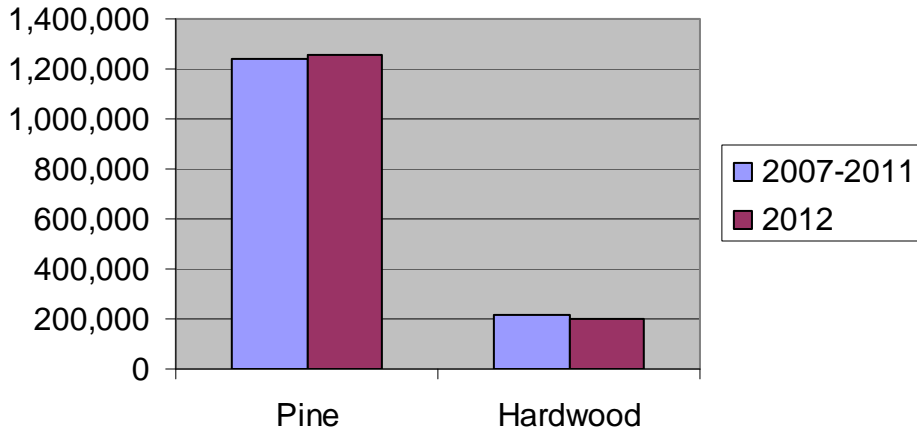
2012 Hardwood Pulpwood Harvest Removals



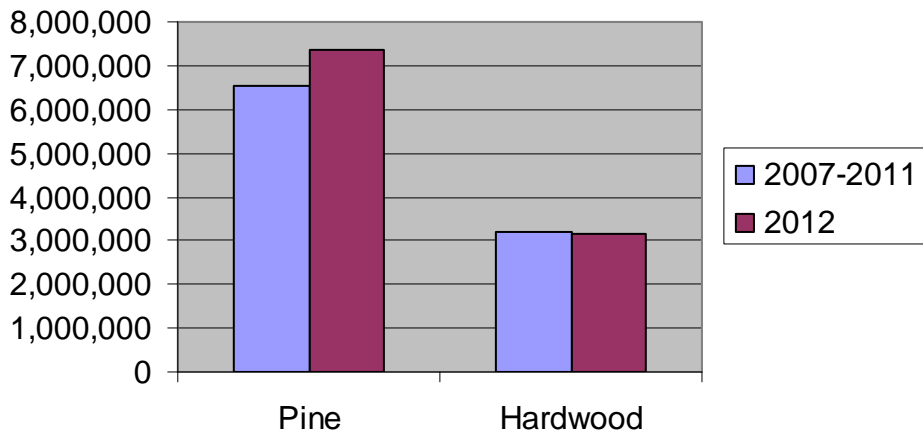
Percentage of Forest Products Harvested by Product Class



Sawtimber Harvest Volumes by Major Species Group (MBF)



Pulpwood Harvest Volumes by Major Species Group (Cords)



2012 Timber Price Trends

- Alabama's average stumpage prices for 2012 when compared with 2011 increased in all 4 product categories statewide according to *Timber Mart-South* (see table).

PRODUCT	2012 Stumpage Prices		2011 Stumpage Prices	
	Price (Region 1)	Price (Region 2)	Price (Region 1)	Price (Region 2)
Pine Sawtimber	\$180/MBF	\$204/MBF	\$174/MBF	\$201/MBF
Hardwood Sawtimber	\$223/MBF	\$222/MBF	\$198/MBF	\$199/MBF
Pine Pulpwood	\$21.33/cord	\$29.12/cord	\$21.85/cord	\$25.59/cord
Hardwood Pulpwood	\$24.44/cord	\$29.04/cord	\$22.34/cord	\$27.28/cord

- The total estimated stumpage revenue generated from the sale of all forest products in 2012 was approximately \$595.8 million, an increase of 16.4% from 2011. The increase can be attributed to both higher stumpage prices and an increase in timber harvests for all 4 product categories.
- The total estimated stumpage revenue generated from the sale of sawtimber increased by 18.7% from 2011. Pine sawtimber revenue increased by 18.1% and hardwood sawtimber revenue increased by 22.1%.
- The total estimated stumpage revenue generated from the sale of pulpwood increased by 13.2% from 2011. The increase in revenue can be attributed to both higher stumpage prices and an increase in the amount of pulpwood harvested in both the pine and hardwood product categories. Pine pulpwood revenue when compared to 2011 increased by 12.2% and hardwood pulpwood revenue increased by 15.4% from 2011.

Table 4. Stumpage Revenue from Sale of Forest Products by Product and County for Calendar Year 2012.

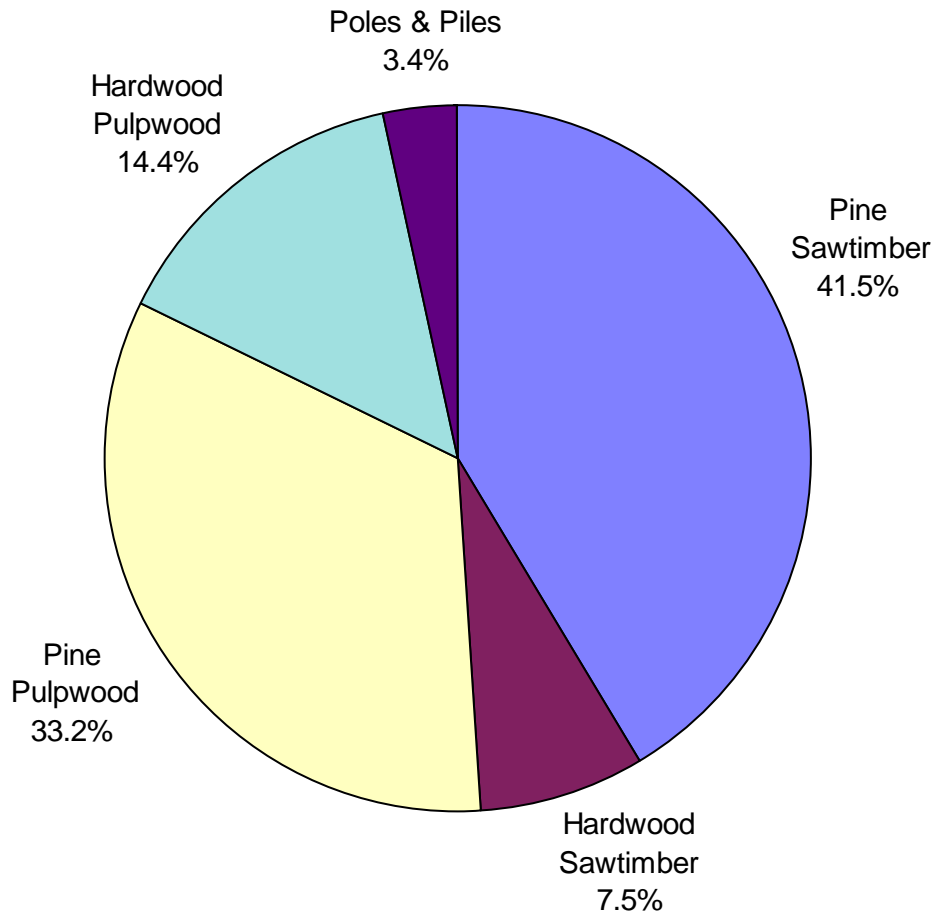
COUNTY	PINE SAWTIMBER	HARDWOOD a/ SAWTIMBER	PINE PULPWOOD	HARDWOOD PULPWOOD	POLES AND PILES	TOTAL
<i>(thousand dollars)</i>						
Autauga	\$2,438	\$317	\$1,782	\$583	\$144	\$5,264
Baldwin	\$5,806	\$32	\$5,878	\$675	\$1,163	\$13,554
Barbour	\$5,442	\$273	\$8,346	\$2,256	\$189	\$16,505
Bibb	\$4,749	\$1,265	\$3,026	\$2,022	\$1,461	\$12,522
Blount	\$918	\$285	\$1,121	\$828	\$6	\$3,157
Bullock	\$2,690	\$221	\$3,687	\$784	\$0	\$7,382
Butler	\$17,534	\$145	\$6,880	\$1,930	\$2,133	\$28,622
Calhoun	\$1,037	\$65	\$882	\$675	\$75	\$2,734
Chambers	\$6,408	\$555	\$3,637	\$1,505	\$60	\$12,165
Cherokee	\$1,037	\$175	\$681	\$606	\$29	\$2,528
Chilton	\$2,713	\$265	\$2,035	\$845	\$286	\$6,144
Choctaw	\$7,592	\$968	\$9,451	\$3,969	\$1,154	\$23,134
Clarke	\$8,811	\$1,816	\$9,978	\$4,875	\$1,855	\$27,336
Clay	\$1,672	\$702	\$2,177	\$788	\$3	\$5,342
Cleburne	\$1,875	\$352	\$806	\$719	\$63	\$3,816
Coffee	\$3,715	\$48	\$3,960	\$1,669	\$132	\$9,523
Colbert	\$1,294	\$625	\$1,593	\$618	\$0	\$4,129
Conecuh	\$8,635	\$0	\$5,076	\$1,254	\$759	\$15,724
Coosa	\$2,869	\$126	\$3,367	\$962	\$150	\$7,473
Covington	\$5,419	\$8	\$4,056	\$1,379	\$644	\$11,506

Crenshaw	\$5,741	\$755	\$5,071	\$1,479	\$588	\$13,635
Cullman	\$448	\$234	\$1,409	\$674	\$11	\$2,777
Dale	\$786	\$196	\$2,608	\$1,283	\$17	\$4,889
Dallas	\$3,998	\$1,201	\$4,571	\$1,536	\$418	\$11,724
De Kalb	\$29	\$1,274	\$512	\$1,052	\$7	\$2,874
Elmore	\$1,671	\$220	\$2,102	\$1,077	\$26	\$5,094
Escambia	\$4,539	\$0	\$5,491	\$745	\$1,514	\$12,289
Etowah	\$663	\$296	\$636	\$667	\$22	\$2,284
Fayette	\$2,462	\$442	\$1,700	\$624	\$24	\$5,252
Franklin	\$1,754	\$896	\$1,623	\$968	\$0	\$5,241
Geneva	\$1,034	\$36	\$1,461	\$843	\$277	\$3,651
Greene	\$9,429	\$1,519	\$2,061	\$1,497	\$520	\$15,026
Hale	\$5,032	\$530	\$2,121	\$1,421	\$171	\$9,276
Henry	\$772	\$82	\$2,589	\$1,616	\$10	\$5,070
Houston	\$525	\$32	\$1,468	\$541	\$46	\$2,611
Jackson	\$78	\$2,120	\$660	\$1,168	\$0	\$4,025
Jefferson	\$1,480	\$754	\$1,518	\$659	\$30	\$4,442
Lamar	\$4,742	\$678	\$2,913	\$872	\$152	\$9,357
Lauderdale	\$525	\$592	\$529	\$1,072	\$0	\$2,719
Lawrence	\$151	\$273	\$400	\$608	\$0	\$1,432
Lee	\$1,215	\$318	\$2,696	\$513	\$9	\$4,751
Limestone	\$106	\$338	\$42	\$330	\$0	\$817
Lowndes	\$3,812	\$478	\$2,156	\$1,253	\$214	\$7,912
Macon	\$2,637	\$604	\$2,999	\$1,423	\$44	\$7,708
Madison	\$431	\$175	\$239	\$397	\$0	\$1,242
Marengo	\$5,440	\$4,895	\$7,547	\$3,671	\$319	\$21,872
Marion	\$3,527	\$292	\$2,314	\$919	\$66	\$7,117
Marshall	\$130	\$140	\$364	\$387	\$1	\$1,022
Mobile	\$2,502	\$161	\$2,919	\$680	\$353	\$6,615
Monroe	\$11,884	\$2,556	\$6,926	\$1,756	\$690	\$23,812
Montgomery	\$3,550	\$296	\$1,846	\$1,920	\$48	\$7,661
Morgan	\$291	\$196	\$381	\$410	\$7	\$1,285
Perry	\$6,549	\$1,552	\$3,449	\$1,895	\$666	\$14,112
Pickens	\$10,266	\$2,085	\$868	\$3,609	\$222	\$17,049
Pike	\$4,178	\$309	\$3,723	\$1,514	\$274	\$9,998
Randolph	\$2,637	\$211	\$1,355	\$691	\$0	\$4,894
Russell	\$2,116	\$388	\$3,315	\$568	\$46	\$6,433
Shelby	\$4,333	\$165	\$2,264	\$580	\$84	\$7,426
St Clair	\$903	\$293	\$1,286	\$773	\$6	\$3,261
Sumter	\$11,434	\$1,014	\$5,662	\$2,795	\$1,017	\$21,921
Talladega	\$1,300	\$119	\$2,084	\$821	\$122	\$4,447
Tallapoosa	\$4,997	\$608	\$4,489	\$1,351	\$2	\$11,446
Tuscaloosa	\$5,952	\$2,481	\$3,159	\$2,864	\$314	\$14,770
Walker	\$2,298	\$325	\$1,697	\$795	\$8	\$5,122
Washington	\$7,241	\$435	\$6,572	\$1,999	\$928	\$17,176
Wilcox	\$7,211	\$1,581	\$6,227	\$2,509	\$475	\$18,004
Winston	\$1,676	\$2,062	\$1,491	\$414	\$34	\$5,677
Total	\$247,131	\$44,449	\$197,932	\$86,179	\$20,089	\$595,780

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**



2011 Timber and other Agricultural Commodities Rankings

Timber ranks second in production of all agricultural commodities, and in 2011 accounted for 9.5% 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.

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

Commodity	2007	2008	2009	2010	2011	2011 Ranking
	<i>thousand dollars</i>					
Broilers	\$2,418,700	\$2,689,200	\$2,519,300	\$2,789,300	\$2,664,700	1
Forest Products*	\$791,000	\$679,500	\$455,600	\$596,700	\$511,800	2
Cattle and Calves	\$407,500	\$331,700	\$300,100	\$387,900	\$443,500	3
Eggs	\$313,000	\$298,600	\$286,900	\$291,300	\$323,000	4
Cotton	\$151,800	\$121,400	\$105,400	\$234,200	\$301,600	5

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)

2012 Forest Products Investments in New & Expanding Businesses

- During 2012, there were 31 announcements of new and expanding businesses; 6 new and 25 expansions of existing industries. There were 7 more announcements in 2012 than 2011.
- A total of 1,178 jobs were created which is 612 more than were created from new and expanding businesses in 2011.
- The money invested in the 31 new and expanding industries amounted to \$300.6 million which is \$139.3 million more than that invested in 2011 by the forest products industry.

2012 New & Expanding Wood Product Industry Announcements

Sorted By NAICS Code

Source: Alabama Industrial Directory

5-10-13

	Company	New/Exp	Jobs	Investment	City	County	NAICS	Product
1	Evergreen Forest Products Inc	E	17	\$0.00	Greenville	Butler	113310	Wood Chips, Wood By-products
2	SE Logging, Inc.	E	3	\$85,000.00	Millry	Washington	113310	Pulpwood
3	Eovations LLC	N	80	\$7,000,000.00	Selma	Dallas	321113	Building Materials
4	Zilkha Biomass Energy	N	70	\$35,000,000.00	Selma	Dallas	321113	"Black" Wood Pellets for Export
5	Harrigan Lumber Company Inc	E	3	\$250,000.00	Monroeville	Monroe	321113	Lumber
6	Farley's Forest Products	E	5	\$2,500,000.00	Duncanville	Tuscaloosa	321113	Chip Mill
7	Valley Lumber Company	E	30	\$1,000,000.00	Hackleburg	Marion	321114	Wood Preserving
8	WoodPerfect Ltd	E	30	\$0.00	Guin	Marion	321214	Mobile Home Trusses
9	Louisiana-Pacific Corporation	E	135	\$0.00	Thomasville	Clarke	321219	Oriented Strand Board (OSB)
10	Louisiana-Pacific Corporation	E	0	\$600,000.00	Hanceville	Cullman	321219	Oriented Strand Board (OSB)
11	Temple Inland	E	7	\$100,000.00	Monroeville	Monroe	321219	Particle Board
12	Crown Column & Millwork	E	10	\$150,000.00	Attalla	Etowah	321911	Architectural Columns
13	DBI Inc	E	6	\$0.00	Bessemer	Jefferson	321911	Architectural Millwork
14	Southern Shutter Company Inc	E	7	\$250,000.00	Montgomery	Montgomery	321911	Wood Shutters
15	Austell Forest Products	E	5	\$200,000.00	Gordo	Pickens	321911	Architectural Millwork
16	Ward's Woodstock LLC	N	25	\$1,000,000.00	Troy	Pike	321911	Doors, wood and covered wood, manufacturing
17	I-Core Composites LLC	E	2	\$100,000.00	Cullman	Cullman	321912	Balsa Wood Core Material
18	Resource Fiber/Alabama LLC	N	100	\$0.00	Cullman	Cullman	321918	Bamboo Processing
19	Tarkett Alabama Inc.	E	36	\$3,500,000.00	Florence	Lauderdale	321918	Flooring, wood, manufacturing
20	Linden Lumber LLC	E	35	\$3,500,000.00	Linden	Marengo	321918	Oak Lumber & Flooring
21	Brown-Forman Corp	N	225	\$56,200,000.00	Trinity	Lawrence	321920	Oak Barrels (Cooperage)
22	Brown-Forman Cooperages' Stevenson Mill	E	30	\$8,000,000.00	Stevenson	Jackson	321999	Cooperage White Oak Stave & Heading Materials
23	International Biomass Energy (IBE) LLC	N	100	\$100,000,000.00	Jackson	Jackson	321999	Wood Pellets
24	ResoluteFP	E	0	\$12,000,000.00	Coosa Pines	Talladega	322121	Market Pulp; Cogeneration

25	Rock-Tenn Container Corp	E	5	\$39,000,000.00	Leighton	Jackson	322130	Corrugated Medium Paperboard
26	Rock-Tenn Mill Company	E	12	\$28,000,000.00	Demopolis	Marengo	322130	Bleached Paperboard
27	FireRock Products LLC	E	12	\$100,000.00	Birmingham	Jefferson	333414	Pre-engineered Masonry Indoor & Outdoor Fireplaces, Chimneys Firepits & Outdoor Ovens
28	Cullman Cabinet and Supply Company	E	15	\$54,400.00	Cullman	Cullman	337110	Cabinet Doors, Laminate Counter Tops
29	Master Brand Cabinets Inc	E	125	\$500,000.00	Auburn	Lee	337110	Cabinets
30	Kleinschrodt Cabinets of Mobile	E	8	\$10,000.00	Mobile	Mobile	337110	Wooden Kitchen Cabinets
31	Harden Manufacturing (HM Operating Inc)	E	40	\$1,500,000.00	Haleyville	Marion	337215	Bedroom Furniture & Curio Cabinets

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

Bill Weaver - USDA/National Agricultural Statistics Service

Forest2Market - Website Address: www.forest2market.com

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

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

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

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