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Forest Statistics for Alabama Counties - 1990

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¹Core tables are presented in response to the Southern Industrial Forestry Research Council's recommendations. These tables are identical among Forest Inventory and Analysis units in the eastern United States.

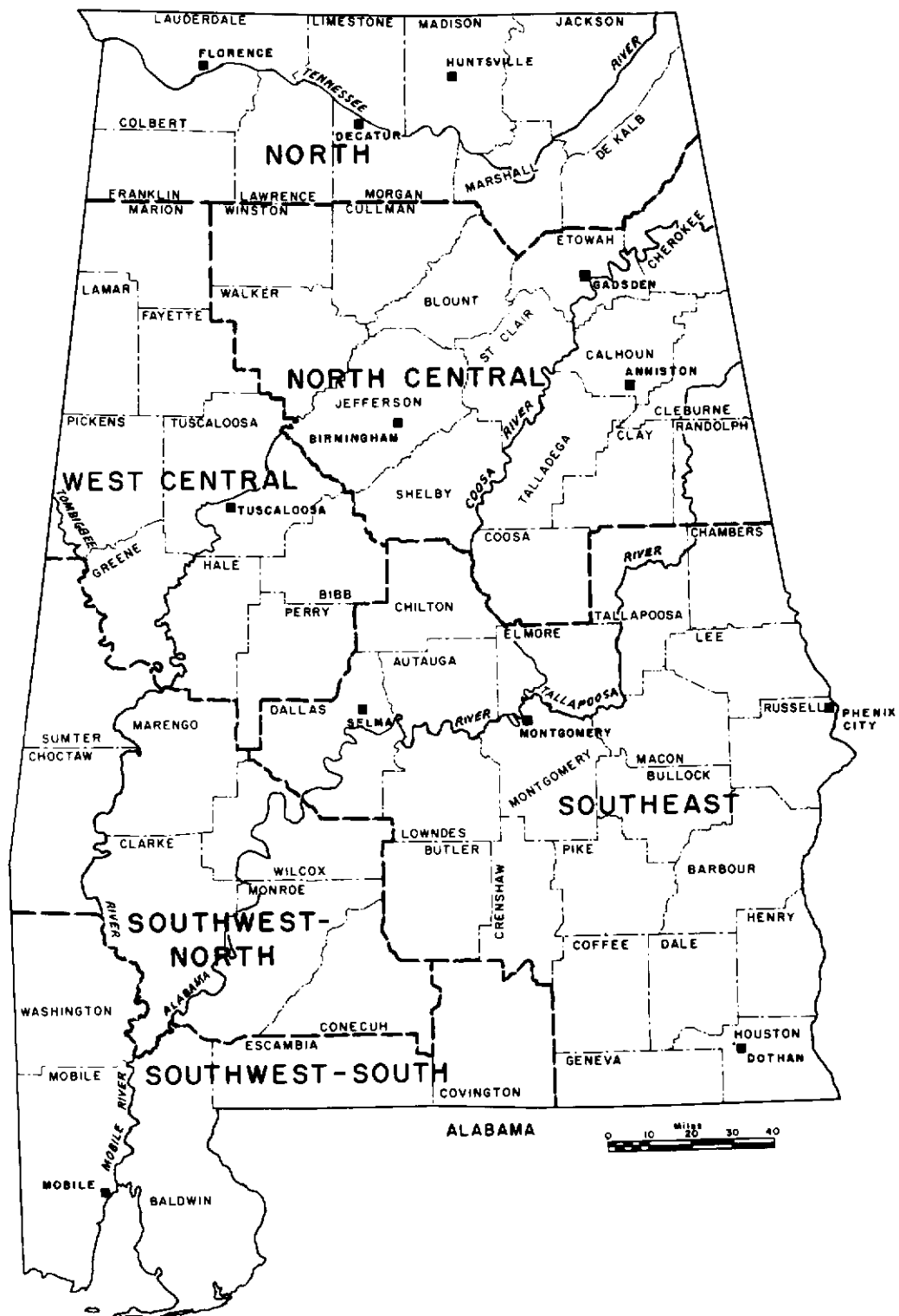


Figure I.—Forest survey regions in Alabama.

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INTRODUCTION

The tables and figures in this report were derived from data obtained during a recent inventory of the 67 counties in the State of Alabama (fig. I). Data on forest acreage and timber volume were secured by a three-step process. A forest-nonforest classification using aerial photographs was accomplished for points representing approximately 230 acres. These photo classifications were adjusted based on ground observations at 8,625 sample locations. Finally, field measurements were made at forest locations on the intersections of grid lines spaced 3 miles apart. At these forest locations, per-acre estimates were obtained from trees measured on ten 37.5 basal area factor prism points.

The sampling methods are designed to achieve suitable sampling errors for estimates of area and volume at the State level. Sampling error increases as the area or volume considered decreases. The sampling errors presented in table I, equal to one standard deviation for the sample data, may be used to construct confidence intervals for population parameters. For example, at the 95-percent confidence level, the confidence interval for growing-stock volume (in million cubic feet) in the State of Alabama (with a sampling error of 1.4 percent) is

$$23,075.5 \pm 1.96 (0.014 \times 23,075.5) = 23,075.5 \pm 633.2$$

where 1.96 is the number of standard deviations. This confidence interval indicates that the actual growing-stock volume lies in the range 22,442.3 to 23,708.7 million cubic feet, unless a 1 in 20 chance has occurred.

Sampling errors for sub-groups of counties in the State may be estimated by the following formula:

$$SE_g = \frac{SE_t \sqrt{X_t}}{\sqrt{X_g}}$$

where:

- SE = standard error of the estimate
(expressed as a percent)
- X = variable of interest (area or volume)
- g = group of counties to be combined
- t = total for the State.

For example, the sampling error estimate of growing-stock volume for Butler, Conecuh, Covington, and Escambia counties is 4.9 percent. Thus, the 95-percent confidence interval for growing-stock volume is 1,899.6 $\pm$ 182.4 million cubic feet.

Ownership information is obtained by the same systematic sample outlined above. County courthouse records are used to obtain ownership information for each forested plot. An expansion factor representing timberland area in that county is then applied to the ownership group the plot represents. Next, the ownership groups are totaled for each county. Thus, acreage reported at the county level are estimates and may not exactly match known totals for each ownership category within that county.

In order to achieve greater compatibility among Forest Inventory and Analysis Projects, a modified tree classification system has been in effect since the 1988 inventory of Arkansas. Tree grade 5 is used to designate trees currently or prospectively capable of producing at least one 12-foot log or two 8-foot logs in the sawlog portion, but are not capable of producing a 12-foot log meeting grade and soundness requirements in the butt 16-foot section. These trees, formerly classed as rough or rotten, are now included in growing stock. Any comparisons with previous estimates of growing stock or sawtimber should be based on data that has been reprocessed to account for the change in definition.

Tables 1-25 are developed to provide compatibility among Forest Inventory and Analysis Projects. Tables 26-43 are supplementary tables and may change from unit to unit or State to State to address specific resource issues.

DEFINITION OF TERMS

Average net annual growth.—Average net annual volume increase for the inventory period.

Average annual mortality.—Average annual sound-wood volume of trees dying from natural causes.

Average annual removals.—Average net annual volume of trees removed from the inventory by harvesting, cultural operations (such as timber-stand improvement), land clearing, or changes in land use.

Commercial species.—Tree species which normally develop into trees suitable for industrial wood products.

Forest land.—Land at least 16.7 percent stocked by forest trees of any size, or formerly having such tree cover, and not currently developed for nonforest use.

Forest type.—A classification of forest land based upon the species forming a plurality of live-tree stocking.

Growing-stock trees.—Live trees of commercial species. Rough and rotten trees are excluded.

Growing-stock volume.—The cubic-foot volume of sound wood in growing-stock trees at least 5.0 inches in diameter at breast height, from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem, or to the point where the central stem breaks into limbs.

Table I—Sampling errors¹ for timberland, live trees, growing stock, and sawtimber, Alabama Counties, 1990

County	Timberland	Live trees			Growing stock			Sawtimber volume
		Volume	Growth	Removals	Volume	Growth	Removals	
-----Percent-----								
Autauga	2.4	15.8	14.9	27.9	16.0	13.6	29.2	20.7
Baldwin	1.6	8.5	8.7	18.2	8.4	8.3	18.4	10.0
Barbour	1.6	9.3	8.2	18.4	9.5	8.3	18.6	12.2
Bibb	1.7	8.7	13.1	22.6	8.9	13.0	22.7	11.4
Blount	2.0	11.5	10.5	31.7	11.7	13.9	32.5	16.2
Bullock	2.7	12.2	12.5	24.4	12.7	12.7	24.5	17.9
Butler	1.7	10.0	10.6	21.2	10.3	10.7	21.5	15.0
Calhoun	2.4	9.3	20.3	38.0	10.1	20.6	38.5	14.2
Chambers	2.7	11.5	11.1	19.9	11.8	11.3	19.9	15.1
Cherokee	2.4	13.7	15.8	37.9	14.3	18.2	38.4	21.2
Chilton	1.5	10.9	10.8	22.1	11.4	12.1	22.3	15.1
Choctaw	0.9	8.3	7.6	19.0	8.4	8.2	19.1	10.6
Clarke	1.1	6.3	6.4	15.6	6.4	6.6	15.5	8.3
Clay	1.9	11.2	10.8	22.4	11.3	10.6	22.6	17.9
Cleburne	2.2	8.2	9.9	28.4	8.5	10.8	29.2	12.1
Coffee	2.6	15.1	16.0	21.3	15.6	18.2	21.4	18.3
Colbert	1.2	9.8	15.1	38.9	10.3	18.6	39.0	15.2
Conecuh	1.9	11.1	13.5	22.8	11.5	13.9	23.0	18.2
Coosa	1.5	10.4	11.5	27.0	10.5	11.7	26.9	15.6
Covington	2.1	8.4	10.0	23.5	8.6	10.4	23.6	10.6
Crenshaw	2.9	12.7	11.0	25.3	13.3	12.1	25.2	19.8
Cullman	2.2	13.5	14.0	30.2	13.8	15.9	30.3	17.1
Dale	2.0	9.3	11.2	41.1	9.9	12.8	41.6	15.6
Dallas	1.8	9.5	9.5	24.9	9.3	10.3	25.0	14.3
De Kalb	2.2	11.5	17.5	29.2	12.0	16.2	28.9	18.0
Elmore	1.7	11.9	14.8	28.2	12.0	13.1	28.2	15.5
Escambia	1.4	8.5	9.1	19.0	8.4	9.1	19.0	11.2
Etowah	2.5	13.7	14.3	48.4	15.0	14.7	48.5	20.8
Fayette	2.0	12.8	11.0	25.6	13.0	11.4	25.9	16.4
Franklin	2.3	10.9	14.0	29.8	11.0	13.5	29.9	15.4
Geneva	3.2	16.4	27.3	26.6	17.0	24.3	28.8	24.2
Greene	2.9	10.5	13.9	33.8	10.9	16.2	34.6	12.9
Hale	1.9	11.2	15.1	30.0	11.3	15.8	30.4	12.8
Henry	2.4	11.4	13.9	27.3	11.5	12.3	27.3	16.3
Houston	2.4	17.6	15.8	45.5	17.8	17.1	47.3	25.9
Jackson	1.4	6.2	9.8	48.9	6.6	12.6	48.2	9.8
Jefferson	1.6	8.4	13.1	23.3	8.5	16.1	23.4	11.5
Lamar	2.3	11.1	19.7	28.5	11.4	17.2	28.4	13.7
Lauderdale	2.2	11.8	19.6	42.8	12.0	17.9	45.4	16.0
Lawrence	2.1	9.3	13.9	46.1	9.7	15.2	46.7	13.9
Lee	3.2	13.1	11.9	20.9	13.3	12.4	21.2	19.1
Limestone	2.1	12.5	27.3	(2)	13.0	29.5	49.5	16.1
Lowndes	2.3	12.8	12.4	21.4	12.9	12.6	21.7	16.8
Macon	2.9	12.8	15.5	32.0	13.3	13.8	32.0	15.0
Madison	2.3	10.9	21.3	(2)	12.1	19.3	(2)	17.3
Marengo	1.3	9.8	9.7	18.2	9.9	9.5	18.3	11.7
Marion	2.6	11.2	11.7	24.5	11.4	12.1	25.1	17.5
Marshall	2.4	12.1	14.8	48.9	12.7	14.3	48.8	19.1
Mobile	1.4	11.8	12.7	21.0	12.1	13.1	21.0	14.5
Monroe	1.5	8.1	7.1	15.3	8.3	7.5	15.3	10.9
Montgomery	2.4	11.8	11.3	27.1	12.3	10.7	26.9	16.6
Morgan	2.0	8.7	18.6	37.7	9.2	16.5	37.7	13.2

Table I—Sampling errors¹ for timberland, live trees, growing stock, and sawtimber, Alabama Counties, 1990 - Continued

County	Timberland	Live trees			Growing stock			Sawtimber volume
		Volume	Growth	Removals	Volume	Growth	Removals	
-----Percent-----								
Perry	2.3	12.9	14.8	25.1	12.9	15.0	25.6	17.2
Pickens	1.8	8.6	12.4	23.1	8.8	11.5	23.4	11.7
Pike	2.5	11.9	9.4	24.9	13.1	10.2	24.9	17.8
Randolph	2.1	10.3	9.5	31.2	10.3	11.3	31.5	16.1
Russell	2.1	17.4	14.7	19.1	17.8	13.5	19.5	24.4
St. Clair	2.1	9.5	10.5	27.2	9.7	10.3	27.0	13.2
Shelby	2.4	9.2	9.6	23.3	9.4	9.2	23.7	14.0
Sumter	1.5	11.4	11.9	24.0	11.6	12.3	24.0	15.4
Talladega	2.5	9.3	10.3	33.1	9.8	9.0	33.6	12.6
Tallapoosa	1.9	9.5	11.3	24.3	10.0	11.8	24.3	13.0
Tuscaloosa	1.7	7.1	9.2	15.6	7.3	9.9	15.8	9.2
Walker	3.0	10.8	12.3	23.5	11.0	10.8	23.6	13.8
Washington	1.0	7.4	7.7	18.2	7.5	7.9	17.8	9.9
Wilcox	2.1	9.7	10.1	18.9	10.1	10.8	19.2	13.1
Winston	1.9	9.2	11.8	28.2	9.9	12.6	27.3	12.2
All counties	0.3	1.3	1.5	3.2	1.4	1.6	3.2	1.9

¹By random-sampling formula.

²Sampling error greater than 50.

Live trees.—Commercial and noncommercial tree species of sapling size or larger.

Live-tree volume.—The cubic-foot volume of sound wood in live trees at least 5.0 inches in diameter at breast height, from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem, or to the point where the central stem breaks into limbs.

Natural stands.—Stands with no evidence of artificial regeneration. This includes those established by seed tree regeneration methods.

Noncommercial species.—Tree species of typically small size, poor form, or inferior quality which normally do not develop into trees suitable for industrial wood products.

Planted stands.—Stands with evidence of planting or direct seeding.

Poletimber trees.—Live trees at least 5.0 inches in diameter at breast height, but smaller than sawtimber size.

Reserved timberland.—Productive public forest land withdrawn from timber utilization through statute or administrative regulations.

Rotten trees.—Live trees of commercial species that do not contain at least one 12-foot log or two 8-foot logs in the saw-log portion, now or prospectively, primarily because of rot.

Rough trees.—Live trees of commercial species that do not contain at least one 12-foot log or two 8-foot logs in the saw-log portion, now or prospectively, primarily because of roughness or poor form. Also included are live trees of noncommercial species.

Saplings.—Live trees at least 1.0 inches but less than 5.0 inches in diameter at breast height.

Sawtimber trees.—Live trees that contain at least one 12-foot log or two 8-foot logs in the saw-log portion, and meet regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast

height and hardwoods at least 11.0 inches in diameter at breast height.

Sawtimber volume.—Sound-wood volume of the saw-log portion of growing-stock sawtimber trees in board feet, International 1/4-inch rule and in cubic feet.

Seedlings.—Live trees less than 1.0 inch in diameter at breast height and greater than one foot tall for hardwoods, greater than six inches tall for softwoods, and greater than one-half inch in diameter at ground level for longleaf pine.

Select red oaks.—A classification of several red oak species composed of: cherrybark, Shumard, and northern red oaks.

Select white oaks.—A classification of several white oak species composed of: white, swamp chestnut, swamp white, chinkapin, Durand, and bur oaks.

Site class.—A classification of forest land in terms of inherent capacity to grow crops of industrial wood.

Stand-size class.—A classification of forest land based on the diameter class of live trees on the sampled area; that is, sawtimber, poletimber, or sapling and seedling.

Timberland.—Forest land that is producing, or is capable of producing, crops of industrial wood and not withdrawn from timber utilization. Timberland is synonymous with "commercial forest land" in prior reports.

Tree grade.—A classification of the volume of the saw-log portion of sawtimber trees, based on: 1) the log grade of the butt log, or 2) ability to produce at least one 12-foot or two 8-foot logs in the upper-section of the saw-log portion.

Woodland.—Forest land incapable of yielding crops of industrial wood because of adverse site conditions.

CORE TABLES 1-25

Table 1—Area by county and land class, Alabama Counties, 1990

County	All land ¹	Forest land			Nonforest land
		Total	Timberland ²	Woodland ³	
-----Thousand acres-----					
Autauga	382.1	283.1	283.1	...	99.1
Baldwin	1017.2	662.1	662.1	...	355.1
Barbour	565.6	409.5	409.5	...	156.1
Bibb	400.0	346.5	345.9	...	53.5
Blount	411.7	197.2	197.2	...	214.5
Bullock	399.9	290.8	290.8	...	109.1
Butler	498.6	389.4	389.4	...	109.3
Calhoun	391.0	252.4	252.4	...	138.6
Chambers	381.2	316.0	316.0	...	65.2
Cherokee	354.1	206.8	206.8	...	147.4
Chilton	444.5	329.4	329.4	...	115.1
Choctaw	582.0	508.7	508.7	...	73.4
Clarke	787.3	723.5	723.5	...	63.8
Clay	387.2	309.6	303.7	...	77.6
Cleburne	358.8	297.2	295.8	...	61.6
Coffee	435.3	262.4	262.4	...	172.9
Colbert	377.0	209.2	209.2	...	167.8
Conecuh	546.5	458.5	458.5	...	88.1
Coosa	420.6	349.4	349.4	...	71.2
Covington	664.3	473.7	473.7	...	190.6
Crenshaw	390.9	304.7	304.7	...	86.3
Cullman	472.2	200.6	200.6	...	271.6
Dale	359.2	224.4	224.4	...	134.8
Dallas	624.1	354.3	354.3	...	269.8
De Kalb	498.4	221.2	221.2	...	277.2
Elmore	398.4	245.9	245.9	...	152.5
Escambia	608.5	471.9	471.9	...	136.6
Etowah	347.1	188.1	188.1	...	159.0
Fayette	403.0	337.9	337.9	...	65.1
Franklin	411.3	262.1	262.1	...	149.3
Geneva	369.8	206.8	206.8	...	163.0
Greene	403.6	274.1	274.1	...	129.5
Hale	422.9	252.4	252.4	...	170.4
Henry	356.2	206.0	206.0	...	150.2
Houston	369.3	125.1	125.1	...	244.2

Table 1—Area by county and land class, Alabama Counties, 1990 - Continued

County	All land ¹	Forest land			Reserved timberland	Nonforest land
		Total	Timberland ²	Woodland ³		
-----Thousand acres-----						
Jackson	684.6	430.4	430.4	...	...	254.1
Jefferson	716.2	412.6	412.6	...	...	303.6
Lamar	387.2	326.0	326.0	...	...	61.2
Lauderdale	423.3	164.9	164.9	...	...	258.4
Lawrence	443.8	215.3	194.8	...	20.5	228.4
Lee	390.0	256.0	256.0	...	...	134.0
Limestone	357.7	90.0	90.0	...	...	267.7
Lowndes	457.2	258.9	258.9	...	...	198.3
Macon	392.7	288.8	288.8	...	...	103.9
Madison	515.6	187.3	187.3	...	...	328.4
Marengo	628.4	402.4	402.4	...	...	226.0
Marion	475.8	373.7	373.7	...	...	102.1
Marshall	363.0	173.8	173.8	...	...	189.3
Mobile	792.3	499.1	499.1	...	...	293.2
Monroe	652.3	527.3	527.3	...	...	125.0
Montgomery	507.6	211.4	211.4	...	...	296.2
Morgan	368.2	171.4	171.4	...	...	196.8
Perry	459.8	324.2	324.2	...	...	135.6
Pickens	569.4	464.1	464.1	...	...	105.3
Pike	430.2	293.6	293.6	...	...	136.7
Randolph	374.1	286.1	286.1	...	...	88.0
Russell	405.6	284.0	284.0	...	...	121.6
St. Clair	413.5	317.7	317.7	...	...	95.8
Shelby	512.3	363.2	363.2	...	...	149.1
Sumter	580.6	401.6	401.6	...	...	179.0
Talladega	481.9	275.0	275.0	...	...	206.9
Tallapoosa	448.8	378.5	378.5	...	...	70.3
Tuscaloosa	855.2	659.1	659.1	...	...	196.1
Walker	514.3	369.7	369.7	...	...	144.6
Washington	691.7	634.2	634.2	...	...	57.5
Wilcox	565.2	441.5	441.5	...	...	123.7
Winston	392.6	331.8	327.8	...	4.0	60.8
All counties	32491.3	21964.6	21932.0	...	32.6	10526.7

¹From U.S. Bureau of the Census.²Forest land (formerly termed commercial forest land) that is producing or capable of producing at least 20 cubic feet of industrial wood per acre per year. Includes areas which may be inaccessible or inoperable by current standards. Excludes reserved timberland.³Forest land incapable of producing 20 cubic feet of industrial wood per acre per year under natural conditions because of adverse site conditions.

Table 2—Area of timberland by county and ownership class, Alabama Counties, 1990

County	All ownerships	National forest	Misc. federal	State	County and municipal	Forest industry ¹	Farmer	Corporate ²	Individual ²
-----Thousand acres-----									
Autauga	283.1	...	...	5.7	...	118.9	79.3	5.7	73.6
Baldwin	662.1	...	5.1	10.3	...	272.0	56.5	123.2	195.0
Barbour	409.5	...	5.9	17.8	...	154.3	35.6	11.9	184.0
Bibb	345.9	61.4	...	...	...	112.6	41.5	11.9	118.5
Blount	197.2	...	...	...	5.8	17.4	40.6	17.4	116.0
Bullock	290.8	...	...	...	...	78.3	72.7	22.4	117.4
Butler	389.4	...	...	5.6	...	189.1	72.3	...	122.4
Calhoun	252.4	17.9	48.1	6.0	...	54.1	12.0	...	114.2
Chambers	316.0	...	5.6	...	...	33.9	90.3	...	186.2
Cherokee	206.8	...	...	5.7	...	63.2	40.2	...	97.6
Chilton	329.4	25.1	...	...	...	60.9	127.8	24.3	91.3
Choctaw	508.7	...	...	...	...	167.6	57.8	46.2	237.0
Clarke	723.5	...	...	5.4	5.4	375.4	27.2	21.8	288.3
Clay	303.7	51.8	...	...	...	54.8	60.2	5.5	131.4
Cleburne	295.8	90.2	...	5.7	...	74.2	5.7	28.6	91.4
Coffee	262.4	...	6.2	...	...	43.7	100.0	...	112.5
Colbert	209.2	...	...	10.7	...	10.7	48.3	37.6	101.9
Concehuh	458.5	...	...	...	...	187.0	150.8	...	120.7
Coosa	349.4	...	...	...	5.7	148.9	34.4	11.5	148.9
Covington	473.7	53.9	...	...	...	164.5	164.5	5.7	85.1
Crenshaw	304.7	...	...	...	...	79.0	118.5	22.6	84.6
Cullman	200.6	...	...	...	...	32.5	48.8	21.7	97.6
Dale	224.4	...	34.5	...	...	11.5	17.3	...	161.1
Dallas	354.3	1.3	...	...	...	123.9	92.9	12.4	123.9
De Kalb	221.2	...	6.0	6.0	...	6.0	101.6	6.0	95.7
Elmore	245.9	...	...	5.9	...	17.6	35.1	23.4	163.9
Escambia	471.9	27.0	...	11.4	5.7	273.8	45.6	...	108.4
Etowah	188.1	...	...	...	5.7	5.7	22.8	5.7	148.2
Fayette	337.9	...	...	12.3	...	73.7	92.2	12.3	147.4
Franklin	262.1	1.1	4.9	...	...	78.8	88.6	19.7	68.9
Geneva	206.8	...	...	5.7	...	17.2	80.4	...	103.4
Greene	274.1	...	5.8	...	...	58.3	134.2	11.7	64.2
Hale	252.4	26.4	...	...	...	56.5	35.3	...	134.2
Henry	206.0	...	...	...	...	24.5	49.1	4.9	127.5
Houston	125.1	...	4.8	...	...	...	43.3	19.3	57.8
Jackson	430.4	...	27.6	5.5	...	16.6	121.4	71.7	187.6
Jefferson	412.6	...	...	5.5	11.0	5.5	33.0	247.6	110.0
Lamar	326.0	...	...	6.5	...	58.7	39.1	6.5	215.1
Lauderdale	164.9	...	...	...	...	13.2	98.9	...	52.8
Lawrence	194.8	72.9	10.6	...	...	...	84.8	10.6	15.9
Lee	256.0	...	...	...	5.2	36.6	78.4	15.7	120.2
Limestone	90.0	...	10.0	...	...	...	60.0	10.0	10.0
Lowndes	258.9	...	...	...	...	98.4	88.0	10.4	62.1
Macon	288.8	9.7	...	...	...	23.8	65.3	...	190.1
Madison	187.3	...	8.5	8.5	...	...	59.6	17.0	93.6
Marengo	402.4	...	...	...	...	121.9	85.4	18.3	176.8
Marion	373.7	...	...	...	6.1	110.3	42.9	24.5	189.9
Marshall	173.8	...	5.6	5.6	...	...	78.5	5.6	78.5
Mobile	499.1	...	...	5.4	16.1	64.4	48.3	91.2	273.7
Monroe	527.3	...	5.2	5.2	...	198.4	130.5	20.9	167.1
Montgomery	211.4	...	...	5.7	11.4	11.4	45.7	11.4	125.7
Morgan	171.4	...	15.1	...	...	...	110.9	5.0	40.3
Perry	324.2	29.9	...	...	...	120.1	42.0	12.0	120.1
Pickens	464.1	...	...	...	...	158.6	76.4	5.9	223.2
Pike	293.6	...	...	...	...	35.9	71.9	12.0	173.7
Randolph	286.1	...	...	...	...	27.5	110.0	11.0	137.5
Russell	284.0	...	17.4	...	...	58.0	34.8	23.2	150.7
St. Clair	317.7	...	...	5.2	...	62.5	104.2	41.7	104.2
Shelby	363.2	...	...	12.1	...	127.1	54.5	36.3	133.2
Sumter	401.6	...	6.3	...	...	112.9	100.4	37.6	144.3
Talladega	275.0	50.5	10.4	5.2	...	31.3	41.8	5.2	130.5
Tallapoosa	378.5	...	...	5.8	...	93.2	34.9	64.1	180.5
Tuscaloosa	659.1	6.1	...	5.7	...	181.7	85.2	107.9	272.6
Walker	369.7	...	...	9.7	4.9	38.9	73.0	116.8	126.5
Washington	634.2	...	...	...	...	205.2	99.5	49.7	279.8
Wilcox	441.5	...	5.7	5.7	5.7	149.1	183.5	11.5	80.3
Winston	327.8	80.2	...	...	6.5	97.7	58.6	...	84.7
All counties	21932.0	605.4	249.6	211.7	95.4	5499.5	4764.6	1634.2	8871.6

¹Includes land leased to forest industry.²Indian land will be classed as corporate or individual as defined by the Bureau of Indian Affairs.

Table 3—Area of timberland by county and forest type group, Alabama Counties, 1990

County	Total	Forest type group									Nontyped ¹
		White-red-jack pine	Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	
			Planted	Natural	Planted	Natural					
-----Thousand acres-----											
Autauga	283.1	...	11.3	11.3	56.6	45.3	50.9	96.2	11.3	...	...
Baldwin	662.1	...	71.9	148.8	20.5	41.1	123.2	112.9	143.7	...	...
Barbour	409.5	...	17.8	5.9	29.7	100.9	89.0	124.6	41.5	...	...
Bibb	345.9	...	...	11.4	89.8	49.2	75.2	112.1	8.2	...	...
Blount	197.2	...	...	...	11.6	46.4	23.2	98.6	17.4	...	...
Bullock	290.8	...	...	...	67.1	50.3	61.5	89.5	22.4	...	...
Butler	389.4	...	...	...	150.2	61.2	83.4	66.7	27.8	...	...
Calhoun	252.4	...	...	...	6.0	66.1	54.0	126.3	...	...	...
Chambers	316.0	...	...	...	73.4	84.6	56.4	95.9	5.6	...	...
Cherokee	206.8	...	...	...	11.5	40.2	74.7	74.7	5.7	...	...
Chilton	329.4	...	...	...	18.3	36.5	71.5	178.8	24.3	...	...
Choctaw	508.7	...	...	...	104.0	121.4	98.3	109.8	75.1	...	...
Clarke	723.5	...	16.3	5.4	114.2	168.6	152.3	136.0	130.6	...	...
Clay	303.7	...	...	10.4	38.3	16.4	86.4	152.1	...	...	...
Cleburne	295.8	...	...	10.0	11.4	80.1	105.0	89.3	...	...	...
Coffee	262.4	...	6.2	...	25.0	31.2	68.7	112.5	18.7	...	...
Colbert	209.2	...	...	...	10.7	26.8	21.5	144.9	5.4	...	...
Conecuh	458.5	...	12.1	18.1	120.7	54.3	72.4	126.7	54.3	...	...
Coosa	349.4	...	...	11.5	63.0	51.6	97.4	114.6	5.7	...	5.7
Covington	473.7	...	44.8	60.8	79.4	51.1	88.1	107.2	42.3	...	...
Crenshaw	304.7	...	5.6	5.6	67.7	22.6	67.7	101.6	33.9	...	...
Cullman	200.6	...	...	...	10.8	37.9	37.9	108.4	5.4	...	...
Dale	224.4	...	17.3	...	...	40.3	46.0	92.1	28.8	...	...
Dallas	354.3	...	...	...	49.5	55.7	94.2	105.3	49.5	...	...
De Kalb	221.2	...	...	...	12.0	41.9	29.9	137.5	...	...	...
Elmore	245.9	...	...	...	11.7	58.5	46.8	105.4	23.4	...	...
Escambia	471.9	...	68.4	130.3	39.9	39.9	105.1	42.6	45.6	...	...
Etowah	188.1	...	...	...	5.7	39.9	39.9	85.5	17.1	...	...
Fayette	337.9	...	...	...	36.9	67.6	61.4	129.0	43.0	...	...
Franklin	262.1	...	...	...	39.4	15.9	39.4	162.5	4.9	...	...
Geneva	206.8	...	11.5	5.7	34.5	...	34.5	63.2	57.4	...	...
Greene	274.1	...	...	...	35.0	29.2	70.0	52.5	87.5	...	...
Hale	252.4	...	2.6	...	56.5	19.4	52.9	52.1	68.8	...	...
Henry	206.0	...	4.9	...	29.4	29.4	54.0	73.6	14.7	...	...
Houston	125.1	...	9.6	4.8	19.3	9.6	19.3	33.7	24.1	4.8	...
Jackson	430.4	...	...	...	5.5	33.1	44.1	336.6	11.0	...	...
Jefferson	412.6	...	...	...	27.5	77.0	110.0	192.6	5.5	...	...
Lamar	326.0	...	...	...	45.6	13.0	91.3	91.3	84.8	...	...
Lauderdale	164.9	...	...	...	19.8	...	13.2	131.9	...	...	...
Lawrence	194.8	5.2	...	...	5.3	42.0	10.5	110.6	21.2	...	...
Lee	256.0	...	...	5.2	41.8	62.7	73.1	67.9	5.2	...	...
Limestone	90.0	...	...	...	...	...	5.0	65.0	20.0	...	...
Lowndes	258.9	...	...	...	77.7	25.9	62.1	46.6	46.6	...	...
Macon	288.8	...	1.8	0.9	53.5	37.4	56.1	84.9	54.3	...	...
Madison	187.3	...	...	...	...	34.0	...	127.7	25.5	...	...
Marengo	402.4	...	...	...	48.8	109.7	67.1	103.6	73.2	...	...
Marion	373.7	...	...	...	79.6	49.0	49.0	189.9	6.1	...	...
Marshall	173.8	...	...	...	11.2	39.2	28.0	95.3	...	...	...
Mobile	499.1	...	16.1	134.2	16.1	10.7	134.2	96.6	85.9	...	5.4
Monroe	527.3	...	31.3	15.7	99.2	78.3	99.2	135.7	67.9	...	...
Montgomery	211.4	...	...	...	5.7	51.4	40.0	57.1	57.1	...	...
Morgan	171.4	...	...	...	5.0	25.2	20.2	100.8	20.2	...	...
Perry	324.2	...	6.0	6.9	128.4	21.2	58.7	61.0	42.0	...	...
Pickens	464.1	...	...	...	99.9	64.6	82.2	158.6	58.7	...	...
Pike	293.6	...	12.0	6.0	47.9	41.9	18.0	131.8	35.9	...	...
Randolph	286.1	...	...	...	44.0	38.5	77.0	126.5	...	...	...
Russell	284.0	...	...	...	46.4	34.8	92.7	92.7	17.4	...	...
St. Clair	317.7	...	...	...	31.2	52.1	93.7	130.2	10.4	...	...
Shelby	363.2	...	...	24.2	42.4	66.6	78.7	127.1	24.2	...	...
Sumter	401.6	...	...	...	75.3	100.4	50.2	106.7	62.7	6.3	...
Talladega	275.0	...	...	20.5	15.7	46.8	62.3	124.4	...	5.2	...
Tallapoosa	378.5	...	...	...	75.7	46.6	58.2	186.4	11.6	...	...
Tuscaloosa	659.1	...	...	2.5	51.1	114.8	160.2	251.1	79.5	...	...
Walker	369.7	...	...	...	43.8	63.2	68.1	189.7	4.9	...	...
Washington	634.2	...	74.6	93.3	49.7	43.5	149.2	99.5	124.4	...	...
Wilcox	441.5	...	...	5.7	120.4	63.1	103.2	97.5	51.6	...	...
Winston	327.8	...	...	...	26.1	51.6	113.9	129.8	6.5	...	...
All counties	21932.0	5.2	442.3	755.2	2990.1	3269.8	4521.8	7661.4	2258.9	16.3	11.1

¹Timberland with no current stocking.

Table 4—Area of timberland by county and stand-size class, Alabama Counties, 1990

County	All classes	Stand-size class		Sapling-seedling	Nonstocked ¹ areas
		Sawtimber	Poletimber		
-----Thousand acres-----					
Autauga	283.1	73.6	39.6	164.2	5.7
Baldwin	662.1	220.7	169.4	266.9	5.1
Barbour	409.5	189.9	94.9	124.6	...
Bibb	345.9	107.5	108.5	129.9	...
Blount	197.2	81.2	46.4	69.6	...
Bullock	290.8	106.3	67.1	117.4	...
Butler	389.4	127.9	111.2	150.2	...
Calhoun	252.4	96.1	78.1	78.2	...
Chambers	316.0	84.6	84.6	146.7	...
Cherokee	206.8	45.9	74.7	86.2	...
Chilton	329.4	89.8	97.4	142.3	...
Choctaw	508.7	219.7	127.2	161.8	...
Clarke	723.5	353.6	163.2	206.7	...
Clay	303.7	59.0	108.3	136.3	...
Cleburne	295.8	144.4	72.8	78.6	...
Coffee	262.4	68.7	56.2	137.5	...
Colbert	209.2	69.7	91.2	48.3	...
Conecuh	458.5	108.6	120.7	229.2	...
Coosa	349.4	45.8	137.5	160.4	5.7
Covington	473.7	121.0	155.2	197.5	...
Crenshaw	304.7	95.9	84.6	124.1	...
Cullman	200.6	97.6	27.1	75.9	...
Dale	224.4	86.3	86.3	51.8	...
Dallas	354.3	137.6	130.0	86.7	...
De Kalb	221.2	65.8	77.7	77.7	...
Elmore	245.9	70.2	58.5	117.1	...
Escambia	471.9	198.7	114.1	159.1	...
Etowah	188.1	91.2	39.9	57.0	...
Fayette	337.9	92.2	92.2	153.6	...
Franklin	262.1	65.1	78.8	118.2	...
Geneva	206.8	74.7	17.2	109.1	5.7
Greene	274.1	134.2	46.7	93.3	...
Hale	252.4	101.5	59.1	91.8	...
Henry	206.0	44.1	73.6	88.3	...
Houston	125.1	43.3	38.5	43.3	...
Jackson	430.4	182.1	160.0	88.3	...
Jefferson	412.6	115.5	121.0	176.1	...
Lamar	326.0	97.8	117.3	110.8	...
Lauderdale	164.9	59.3	59.3	46.2	...
Lawrence	194.8	89.3	63.2	42.2	...
Lee	256.0	62.7	62.7	130.6	...
Limestone	90.0	60.0	10.0	20.0	...
Lowndes	258.9	98.4	46.6	113.9	...
Macon	288.8	99.4	79.0	110.4	...
Madison	187.3	110.7	68.1	8.5	...
Marengo	402.4	176.8	61.0	164.6	...
Marion	373.7	85.8	128.7	159.3	...
Marshall	173.8	72.9	61.7	39.2	...
Mobile	499.1	134.2	96.6	257.6	10.7
Monroe	527.3	229.7	83.5	214.0	...
Montgomery	211.4	120.0	45.7	45.7	...
Morgan	171.4	80.7	70.6	20.2	...
Perry	324.2	85.9	105.3	133.0	...
Pickens	464.1	229.1	111.6	123.4	...
Pike	293.6	65.9	89.9	137.8	...
Randolph	286.1	44.0	99.0	143.0	...
Russell	284.0	52.2	75.3	156.5	...
St. Clair	317.7	88.5	93.7	135.4	...
Shelby	363.2	115.0	115.0	133.2	...
Sumter	401.6	156.9	100.4	144.3	...
Talladega	275.0	109.0	46.5	119.6	...
Tallapoosa	378.5	75.7	122.3	180.5	...
Tuscaloosa	659.1	271.8	165.9	221.5	...
Walker	369.7	121.6	77.8	165.4	4.9
Washington	634.2	254.9	167.9	205.2	6.2
Wilcox	441.5	160.6	86.0	195.0	...
Winston	327.8	120.6	92.0	115.2	...
All counties	21932.0	7639.4	5912.5	8336.0	44.1

¹Timberland less than 16.7 percent stocked.

Table 5—Area of timberland by county and site class, Alabama
Counties, 1990

County	All classes	Site class (cubic feet/acre/year)				
		> 165	120-165	85-120	50-85	< 50
-----Thousand acres-----						
Autauga	283.1	5.7	56.6	118.9	101.9	...
Baldwin	662.1	5.1	51.3	292.5	246.4	66.7
Barbour	409.5	53.4	136.5	136.5	65.3	17.8
Bibb	345.9	35.1	139.0	67.0	96.6	8.2
Blount	197.2	5.8	29.0	81.2	69.6	11.6
Bullock	290.8	50.3	123.0	95.1	22.4	...
Butler	389.4	55.6	133.5	127.9	61.2	11.1
Calhoun	252.4	18.0	60.1	66.1	90.1	18.0
Chambers	316.0	22.6	50.8	152.4	79.0	11.3
Cherokee	206.8	11.5	11.5	63.2	114.9	5.7
Chilton	329.4	48.7	99.7	89.4	91.7	...
Choctaw	508.7	98.3	161.8	213.9	28.9	5.8
Clarke	723.5	141.4	288.3	190.4	103.4	...
Clay	303.7	21.3	43.5	103.1	119.6	16.1
Cleburne	295.8	20.7	71.4	94.3	92.9	16.4
Coffee	262.4	25.0	87.5	81.2	68.7	...
Colbert	209.2	26.8	10.7	85.8	85.8	...
Conecuh	458.5	66.4	168.9	187.0	36.2	...
Coosa	349.4	5.7	80.2	120.3	120.3	22.9
Covington	473.7	28.4	67.5	229.9	142.2	5.7
Crenshaw	304.7	5.6	118.5	84.6	79.0	16.9
Culman	200.6	5.4	75.9	81.3	37.9	...
Dale	224.4	28.8	74.8	86.3	34.5	...
Dallas	354.3	43.3	123.9	156.2	31.0	...
De Kalb	221.2	17.9	12.0	47.8	95.7	47.8
Elmore	245.9	11.7	70.2	99.5	58.5	5.9
Escambia	471.9	11.4	79.6	187.6	187.6	5.7
Etowah	188.1	11.4	45.6	62.7	68.4	...
Fayette	337.9	24.6	61.4	92.2	141.3	18.4
Franklin	262.1	14.8	6.1	49.2	172.3	19.7
Geneva	206.8	...	23.0	63.2	109.1	11.5
Greene	274.1	58.3	116.7	75.8	23.3	...
Hale	252.4	38.0	64.4	106.8	40.6	2.6
Henry	206.0	9.8	54.0	73.6	58.9	9.8
Houston	125.1	...	24.1	62.6	38.5	...
Jackson	430.4	27.6	77.3	99.3	138.0	88.3
Jefferson	412.6	115.5	154.0	93.5	49.5	...
Lamar	326.0	...	71.7	149.9	91.3	13.0
Lauderdale	164.9	...	26.4	46.2	72.5	19.8
Lawrence	194.8	...	21.1	42.2	105.3	26.2
Lee	256.0	26.1	57.5	94.0	67.9	10.4
Limestone	90.0	10.0	25.0	20.0	35.0	...
Lowndes	258.9	15.5	88.0	124.3	31.1	...
Macon	288.8	53.5	62.0	131.8	41.6	...
Madison	187.3	25.5	25.5	34.0	59.6	42.6
Marengo	402.4	6.1	97.5	237.8	54.9	6.1
Marion	373.7	6.1	36.8	177.7	134.8	18.4
Marshall	173.8	16.8	50.4	56.1	28.0	22.4
Mobile	499.1	5.4	32.2	187.8	220.0	53.7
Monroe	527.3	52.2	182.7	172.3	99.2	20.9
Montgomery	211.4	22.9	68.6	85.7	28.6	5.7
Morgan	171.4	40.3	15.1	60.5	45.4	10.1
Perry	324.2	36.0	100.7	137.6	49.8	...
Pickens	464.1	52.9	135.1	146.9	129.2	...
Pike	293.6	...	89.9	149.8	53.9	...
Randolph	286.1	5.5	33.0	132.0	110.0	5.5
Russell	284.0	11.6	52.2	156.5	63.7	...
St. Clair	317.7	10.4	72.9	109.4	114.6	10.4
Shelby	363.2	24.2	90.8	145.3	84.8	18.2
Sumter	401.6	37.6	138.0	182.0	37.6	6.3
Talladega	275.0	25.9	36.5	72.9	124.3	15.3
Tallapoosa	378.5	5.8	110.7	163.1	81.5	17.5
Tuscaloosa	659.1	69.4	189.8	238.5	143.2	18.3
Walker	369.7	43.8	126.5	126.5	63.2	9.7
Washington	634.2	31.1	99.5	329.5	161.7	12.4
Wilcox	441.5	34.4	131.9	172.0	97.5	5.7
Winston	327.8	45.8	61.0	135.5	79.0	6.5
All counties	21932.0	1885.0	5381.4	8136.1	5710.3	819.2

Table 6—*Area of timberland by county and stocking classes of growing-stock trees, Alabama Counties, 1990*

County	All classes	Stocking class (percent)				
		> 130	100-130	60-100	16.7-60	< 16.7
-----Thousand acres-----						
Autauga	283.1	22.6	79.3	135.9	34.0	11.3
Baldwin	662.1	20.5	189.9	297.7	128.3	25.7
Barbour	409.5	23.7	118.7	225.5	41.5	...
Bibb	345.9	26.0	98.9	180.9	40.1	...
Blount	197.2	5.8	40.6	133.4	17.4	...
Bullock	290.8	16.8	95.1	134.2	44.7	...
Butler	389.4	66.7	150.2	139.1	33.4	...
Calhoun	252.4	12.0	54.1	156.2	30.1	...
Chambers	316.0	11.3	112.9	169.3	22.6	...
Cherokee	206.8	11.5	74.7	103.4	17.2	...
Chilton	329.4	6.1	71.1	221.7	30.4	...
Choctaw	508.7	28.9	132.9	300.6	46.2	...
Clarke	723.5	43.5	195.8	408.0	70.7	5.4
Clay	303.7	16.1	98.3	167.7	21.6	...
Cleburne	295.8	16.4	103.6	164.3	11.4	...
Coffee	262.4	6.2	75.0	137.5	43.7	...
Colbert	209.2	...	32.2	166.3	10.7	...
Conecuh	458.5	24.1	199.1	205.1	30.2	...
Coosa	349.4	28.6	137.5	143.2	34.4	5.7
Covington	473.7	34.0	121.2	251.0	61.9	5.7
Crenshaw	304.7	11.3	124.1	146.7	22.6	...
Cullman	200.6	21.7	81.3	86.7	10.8	...
Dale	224.4	...	69.1	97.8	57.5	...
Dallas	354.3	24.8	137.6	167.2	24.8	...
De Kalb	221.2	...	59.8	131.5	29.9	...
Elmore	245.9	5.9	76.1	152.2	11.7	...
Escambia	471.9	25.5	108.1	287.3	51.0	...
Etowah	188.1	...	39.9	119.7	28.5	...
Fayette	337.9	36.9	104.4	178.2	18.4	...
Franklin	262.1	14.8	73.9	148.8	19.7	4.9
Geneva	206.8	5.7	40.2	97.7	57.4	5.7
Greene	274.1	23.3	58.3	163.3	29.2	...
Hale	252.4	2.6	61.8	152.7	35.3	...
Henry	206.0	14.7	68.7	112.8	9.8	...
Houston	125.1	4.8	52.9	62.6	4.8	...
Jackson	430.4	...	38.6	320.1	66.2	5.5
Jefferson	412.6	16.5	60.5	269.6	66.0	...
Lamar	326.0	6.5	71.7	189.1	58.7	...
Lauderdale	164.9	...	39.6	92.3	33.0	...
Lawrence	194.8	10.5	115.6	58.1	5.3	5.3
Lee	256.0	20.9	125.4	83.6	26.1	...
Limestone	90.0	...	15.0	50.0	20.0	5.0
Lowndes	258.9	20.7	77.7	134.6	25.9	...
Macon	288.8	13.6	91.7	130.0	47.5	5.9
Madison	187.3	...	51.1	102.1	34.0	...
Marengo	402.4	30.5	158.5	182.9	30.5	...
Marion	373.7	6.1	104.1	232.8	30.6	...
Marshall	173.8	5.6	22.4	128.9	16.8	...
Mobile	499.1	21.5	69.8	279.0	102.0	26.8
Monroe	527.3	20.9	187.9	261.0	57.4	...
Montgomery	211.4	17.1	62.8	91.4	40.0	...
Morgan	171.4	10.1	45.4	95.8	20.2	...
Perry	324.2	6.0	88.7	187.5	36.0	6.0
Pickens	464.1	41.1	176.2	193.9	52.9	...
Pike	293.6	...	59.9	167.7	65.9	...
Randolph	286.1	22.0	71.5	176.0	16.5	...
Russell	284.0	17.4	92.7	139.1	29.0	5.8
St. Clair	317.7	...	135.4	161.5	20.8	...
Shelby	363.2	24.2	78.7	230.1	30.3	...
Sumter	401.6	6.3	112.9	207.1	69.0	6.3
Talladega	275.0	20.9	67.5	160.5	26.1	...
Tallapoosa	378.5	40.8	93.2	209.7	29.1	5.8
Tuscaloosa	659.1	39.7	188.6	362.6	68.1	...
Walker	369.7	34.1	102.2	184.9	43.8	4.9
Washington	634.2	37.3	143.0	422.8	24.9	6.2
Wilcox	441.5	17.2	189.2	206.4	28.7	...
Winston	327.8	13.0	65.4	199.3	50.0	...
All counties	21932.0	1133.7	6340.1	11856.6	2453.5	148.1

Table 7—Area of timberland by forest type and ownership class, Alabama Counties, 1990

Forest type ¹	All ownerships	National forest	Other public	Forest industry	Forest industry- leased	Other private
-----Thousand acres-----						
White-red-jack pine	5.2	5.2	...	...	...	...
Longleaf-slash pine	1197.4	93.2	39.5	428.2	115.0	521.4
Loblolly-shortleaf pine	6259.9	138.8	60.9	1981.7	275.0	3803.5
Softwood total	7462.5	237.2	100.4	2409.8	390.1	4324.9
Oak-pine	4521.8	188.9	172.5	956.9	106.5	3096.9
Oak-hickory	7661.4	168.2	213.3	946.7	115.5	6217.6
Oak-gum-cypress	2258.9	11.0	70.3	469.5	92.5	1615.6
Elm-ash-cottonwood	16.3	...	...	6.3	...	10.0
Hardwood total	14458.4	368.2	456.2	2379.3	314.5	10940.2
Nontyped ²	11.1	...	...	5.7	...	5.4
All types	21932.0	605.4	556.7	4794.9	704.6	15270.5

¹Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood types.

²Timberland with no current stocking.

Table 8—Area of timberland by ownership class and stocking classes of growing-stock trees, Alabama Counties, 1990

Ownership class	All classes	Stocking class (percent)				
		> 130	100-130	60-100	16.7-60	< 16.7
-----Thousand acres-----						
National forest	605.4	24.8	194.7	354.8	31.2	...
Other public	556.7	22.3	124.6	314.7	84.8	10.3
Forest industry	4794.9	433.5	1781.1	2213.1	346.4	20.9
Forest industry-leased	704.6	40.9	227.5	377.2	52.8	6.2
Other private	15270.5	612.2	4012.4	8596.8	1938.4	110.7
All ownerships	21932.0	1133.7	6340.1	11856.6	2453.5	148.1

Table 9—Area of timberland by forest type and stand-size class, Alabama Counties, 1990

Forest type ¹	All classes	Stand-size class			Nonstocked ² areas
		Sawtimber	Poletimber	Sapling- seedling	
-----Thousand acres-----					
White-red-jack pine	5.2	5.2	...	...	...
Longleaf-slash pine	1197.4	535.0	356.6	295.3	10.5
Loblolly-shortleaf pine	6259.9	2046.4	1782.5	2426.2	4.9
Softwood total	7462.5	2586.6	2139.1	2721.5	15.4
Oak-pine	4521.8	1552.1	1085.3	1884.4	...
Oak-hickory	7661.4	2198.4	2125.9	3325.2	11.9
Oak-gum-cypress	2258.9	1296.1	562.2	394.9	5.7
Elm-ash-cottonwood	16.3	6.3	...	10.0	...
Hardwood total	14458.4	5052.9	3773.4	5614.5	17.6
Nontyped ³	11.1	...	...	...	11.1
All types	21932.0	7639.4	5912.5	8336.0	44.1

¹Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood types.

²Timberland less than 16.7 percent stocked.

³Timberland with no current stocking.

Table 10—Number of live trees on timberland by species and diameter class, Alabama Counties, 1990

Species	Diameter class (inches at breast height)												
	All classes	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
<i>-----Thousand trees-----</i>													
Longleaf-slash pines	444712	129677	123443	79726	48540	26309	17501	11067	5298	2015	760	376	...
Shortleaf-lobloily pines	2799198	1174614	758748	384526	226174	110265	65965	38888	20718	10648	4824	3693	135
Other yellow pines	302065	154536	62027	33195	26050	12911	7019	3373	1317	797	433	403	3
Eastern white-red pine	321	...	...	77	...	84	70	36	41	12	...	...	...
Eastern hemlock	4327	2837	786	279	187	117	102	...	...	10	...	10	...
Cypress	15712	4504	3488	2017	1425	1041	951	813	478	384	193	364	54
Other softwoods	141447	87727	31029	11829	6214	2678	1115	471	220	59	62	43	...
Total softwoods	3707782	1553895	979521	511650	308591	153404	92723	54648	28072	13927	6272	4888	192
Select white oaks	389049	201445	81514	39728	23266	15920	10308	6837	4644	2260	1463	1465	198
Select red oaks	66459	30689	10082	7894	4446	3686	3303	2039	1458	1252	642	805	164
Other white oaks	456043	242380	100837	40209	28741	17996	11124	6479	3666	1988	1163	1304	158
Other red oaks	1725930	1187438	256073	104030	65752	43403	26639	18123	10046	6225	3436	4067	697
Hickory	759266	509219	115805	51436	33224	21412	13063	7375	4115	1855	950	765	47
Hard maple	89295	68389	15094	2606	1485	768	565	196	95	89	...	9	...
Soft maple	905981	717090	123481	34927	14556	8381	3280	1844	1205	587	263	345	21
Beech	62132	41590	10352	3547	2222	886	526	795	538	586	316	648	126
Sweetgum	1974540	1337484	367102	134629	66688	35953	15636	8782	4144	1982	1240	835	65
Tupelo-blackgum	724975	495858	100997	54009	26243	20248	12289	7474	3885	1971	947	988	65
Ash	181216	112904	37306	14150	5823	4298	2662	1201	1382	755	320	393	23
Cottonwood-aspen	2664	1543	524	...	120	113	117	86	78	39	10	27	6
Basswood	22995	15170	4112	1320	934	628	320	235	81	116	58	14	6
Yellow-poplar	291808	170715	54779	19932	14520	9383	7464	5341	4105	2452	1352	1568	198
Black walnut	4361	1031	1812	625	401	231	111	45	63	24	17	...	...
Other hardwoods	2586388	1959089	428324	108543	43286	21944	11494	6448	3390	1790	1070	929	79
Total hardwoods	10243105	7092034	1708191	617586	331709	205251	118903	73302	42896	23969	13247	14163	1853
Noncommercial	1250168	957686	191034	63908	24116	9088	2546	1112	436	99	48	67	27
All species	15201054	9603615	2878746	1193144	664416	367743	214172	129062	71405	37995	19567	19118	2072

Table 11—Number of growing-stock trees on timberland by species and diameter class, Alabama Counties, 1990

Species	Diameter class (inches at breast height)												
	All classes	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
<i>-----Thousand trees-----</i>													
Longleaf-slash pines	403370	104028	112237	76670	47879	25898	17307	10989	5232	2015	739	376	...
Shortleaf-lobloily pines	2497417	974779	684955	367740	220408	107225	64750	38431	20429	10379	4700	3508	112
Other yellow pines	261738	125948	56109	29480	25397	11927	6803	3270	1236	747	423	395	3
Eastern white-red pine	281	...	...	77	...	44	70	36	41	12	...	...	...
Eastern hemlock	2918	1454	786	279	187	117	75	...	...	10	...	10	...
Cypress	13812	3416	3046	1884	1344	959	926	813	464	384	193	335	48
Other softwoods	111879	67323	24725	10612	5607	2007	938	378	172	47	31	38	...
Total softwoods	3291415	1276948	881858	486743	300824	148176	90870	53916	27574	13596	6087	4661	163
Select white oaks	289735	123798	68440	35995	21539	15344	9417	6317	4315	1929	1289	1200	150
Select red oaks	54160	23051	7838	6821	4287	3535	2963	1870	1318	1079	594	676	129
Other white oaks	304307	134516	72993	33775	25889	16714	8783	5480	2901	1506	890	778	82
Other red oaks	1344655	880925	211908	90032	61092	40710	22849	16322	8941	5462	2844	3192	377
Hickory	501248	292376	89507	43340	31023	20032	11497	6538	3839	1608	838	625	23
Hard maple	48483	34417	8861	2606	1230	685	389	153	95	38	...	9	...
Soft maple	533099	404542	81994	26502	10278	5659	1741	1164	639	222	191	159	9
Beech	40333	25106	7298	3048	2128	657	325	519	406	330	176	298	39
Sweetgum	1404891	882918	278559	116806	62166	34380	14266	8297	3802	1805	1112	729	50
Tupelo-blackgum	410080	233726	69794	40365	24180	19042	9657	6335	3561	1783	806	799	32
Ash	106847	59818	22076	10572	5119	3726	2158	1068	1093	684	234	291	8
Cottonwood-aspen	2158	1051	524	...	120	113	117	86	65	39	10	27	6
Basswood	14791	8470	3110	1095	816	565	292	215	81	79	48	14	6
Yellow-poplar	257188	148056	46248	18979	13811	8741	7115	5218	3958	2291	1259	1404	109
Black walnut	2714	517	1032	519	299	152	86	45	31	24	8	...	...
Other hardwoods	1461778	1063348	255997	72242	33674	17681	8255	5085	2623	1511	680	643	39
Total hardwoods	6776470	4316636	1226180	502696	297653	187736	99911	64712	37669	20390	10981	10846	1060
All species	10067885	5593584	2108037	989439	598477	335912	190781	118628	65243	33986	17068	15506	1224

Table 12—Volume of growing stock on timberland by species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)									
		5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----											
Longleaf-slash pines	1952.9	207.0	309.5	338.7	361.4	327.6	217.1	105.7	49.6	36.2	...
Shortleaf-loblolly pines	8075.5	850.2	1322.0	1324.3	1302.6	1154.2	851.1	572.3	332.7	346.8	19.3
Other yellow pines	805.8	93.5	176.1	150.6	127.5	93.0	47.8	41.8	32.1	42.6	0.8
Eastern white-red pine	3.8	0.3	...	0.3	1.0	0.7	1.1	0.4	...	...	...
Eastern hemlock	6.0	0.8	1.1	1.2	1.5	...	...	0.4	...	0.9	...
Cypress	160.0	4.1	8.9	12.8	19.0	21.3	16.9	19.6	12.8	33.1	11.4
Other softwoods	97.4	23.1	26.2	18.6	12.9	7.3	4.5	1.4	1.3	2.0	...
Total softwoods	11101.5	1179.0	1843.9	1846.5	1826.0	1604.2	1138.6	741.7	428.5	461.6	31.5
Select white oaks	1109.1	87.3	132.4	165.4	166.6	156.3	145.8	81.2	67.0	88.9	18.1
Select red oaks	379.2	15.3	26.1	39.4	53.8	46.5	44.6	49.3	33.5	52.1	18.6
Other white oaks	875.1	78.8	142.9	159.1	138.3	116.9	86.4	55.2	40.1	48.1	9.4
Other red oaks	2722.8	222.0	355.2	427.2	389.3	388.4	285.5	230.5	148.7	229.6	46.4
Hickory	1137.9	98.9	166.3	201.9	195.9	164.9	132.4	74.2	48.8	51.9	2.6
Hard maple	34.8	5.8	6.9	7.1	6.3	3.5	2.7	2.1	...	0.4	...
Soft maple	277.1	70.2	57.4	55.8	26.9	22.6	17.6	8.0	8.2	9.4	1.0
Beech	102.6	7.5	11.3	7.4	5.6	12.9	12.4	12.6	8.7	20.3	3.7
Sweetgum	1934.2	272.1	367.8	402.8	285.1	230.3	146.8	92.0	68.7	62.3	6.3
Tupelo-blackgum	1039.0	101.3	141.0	210.8	167.1	151.5	110.0	68.6	38.3	47.5	2.8
Ash	260.3	25.9	30.1	39.4	38.6	25.9	36.6	30.4	12.1	20.5	0.8
Cottonwood-aspen	15.1	...	0.8	1.2	2.0	1.9	2.5	2.0	0.5	2.9	1.2
Basswood	37.7	3.2	5.1	6.4	5.6	5.6	3.3	3.5	3.2	1.1	0.7
Yellow-poplar	1009.6	51.6	88.7	104.8	140.6	149.4	147.5	112.2	77.6	121.5	15.6
Black walnut	7.5	1.0	1.3	1.0	0.8	1.0	0.7	0.9	0.8	...	...
Other hardwoods	1031.8	173.8	184.0	182.6	143.6	119.4	83.5	59.3	35.8	45.1	4.8
Total hardwoods	11974.0	1214.6	1717.4	2012.3	1766.2	1597.1	1258.5	882.1	592.0	801.8	132.1
All species	23075.5	2393.6	3561.3	3858.8	3592.2	3201.3	2397.1	1623.8	1020.5	1263.4	163.6

Table 13—Volume of growing stock in the sawlog portion of sawtimber¹ trees on timberland by species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----									
Longleaf-slash pines	1270.2	267.7	319.7	300.5	201.9	99.3	46.5	34.5	...
Shortleaf-loblolly pines	5174.5	1044.2	1145.4	1047.4	777.3	522.5	301.6	319.2	16.9
Other yellow pines	460.9	119.0	109.7	83.2	42.7	37.9	28.7	38.9	0.8
Eastern white-red pine	3.2	0.3	0.8	0.7	1.0	0.4	...	...	...
Eastern hemlock	3.2	0.8	1.4	...	...	0.3	...	0.7	...
Cypress	130.4	9.4	16.1	18.3	15.1	18.2	12.0	30.4	10.9
Other softwoods	40.7	14.8	11.3	6.5	3.8	1.3	1.2	1.9	...
Total softwoods	7083.1	1456.1	1604.4	1456.6	1041.9	679.8	390.0	425.5	28.6
Select white oaks	586.0	...	122.4	126.3	120.2	68.5	56.3	76.6	15.6
Select red oaks	250.6	...	39.3	38.8	38.5	42.5	28.4	45.6	17.5
Other white oaks	398.6	...	103.4	95.4	71.8	46.4	33.8	40.1	7.8
Other red oaks	1406.1	...	284.0	316.3	242.4	196.4	127.9	197.3	41.8
Hickory	542.2	...	144.6	135.0	111.3	62.3	41.7	45.0	2.2
Hard maple	11.6	...	4.8	2.8	2.1	1.7	...	0.3	...
Soft maple	73.4	...	18.8	17.9	14.6	6.6	6.7	7.8	0.9
Beech	63.3	...	4.2	10.9	10.1	11.1	6.8	16.9	3.3
Sweetgum	713.2	...	198.2	185.1	127.2	81.0	60.5	55.5	5.7
Tupelo-blackgum	472.2	...	118.9	119.8	93.9	60.7	33.4	42.8	2.5
Ash	135.9	...	27.2	20.9	31.9	25.9	10.5	18.7	0.8
Cottonwood-aspen	11.2	...	1.4	1.5	2.3	1.7	0.4	2.6	1.2
Basswood	18.4	...	4.2	4.6	2.4	2.7	2.8	1.0	0.6
Yellow-poplar	639.9	...	98.3	123.7	127.9	98.2	69.0	108.6	14.2
Black walnut	3.4	...	0.6	0.7	0.6	0.7	0.7	...	...
Other hardwoods	394.8	...	103.6	95.3	70.0	50.2	30.7	40.5	4.6
Total hardwoods	5720.8	...	1273.8	1295.1	1067.3	756.8	509.6	699.4	118.8
All species	12803.9	1456.1	2878.2	2751.7	2109.3	1436.6	899.7	1124.9	147.4

¹ That part of the bole of sawtimber trees between a 1-foot stump and sawlog top.

Table 14—*Volume of sawtimber on timberland by species and diameter class, Alabama Counties, 1990*

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
----- Million board feet -----									
Longleaf-slash pines	7591.2	1454.6	1883.2	1846.4	1272.6	624.7	291.9	217.9	...
Shortleaf-loblolly pines	31552.1	5636.1	6761.3	6507.8	4978.1	3405.1	2002.0	2147.4	114.3
Other yellow pines	2706.5	640.7	617.5	491.1	259.5	243.2	185.1	264.4	5.0
Eastern white-red pine	16.0	1.3	4.1	3.3	5.1	2.1	...	...	...
Eastern hemlock	18.4	4.1	7.7	...	...	2.0	...	4.7	...
Cypress	721.4	47.1	84.2	96.7	82.7	104.0	68.2	178.7	59.8
Other softwoods	208.5	74.1	58.5	32.5	20.7	6.7	6.7	9.2	...
Total softwoods	42814.1	7857.8	9416.4	8977.8	6618.7	4387.8	2553.9	2822.3	179.2
Select white oaks	3487.9	...	674.3	722.4	729.6	421.5	351.2	492.7	96.3
Select red oaks	1489.6	...	217.9	222.4	225.4	260.7	179.4	280.2	103.7
Other white oaks	2337.9	...	568.1	542.8	430.8	283.4	208.6	252.9	51.3
Other red oaks	8197.3	...	1547.2	1794.4	1424.5	1187.2	787.7	1212.1	244.2
Hickory	3260.3	...	810.2	798.4	687.5	395.1	266.8	291.3	11.2
Hard maple	69.0	...	27.7	16.4	12.8	10.8	...	1.2	...
Soft maple	405.5	...	103.2	97.5	82.6	35.7	38.2	44.0	4.2
Beech	387.9	...	23.7	64.9	61.8	71.5	42.9	102.7	20.4
Sweetgum	4179.9	...	1111.9	1077.4	755.2	494.4	369.2	342.8	29.0
Tupelo-blackgum	2504.0	...	620.9	643.9	497.6	326.2	180.4	222.7	12.2
Ash	789.2	...	150.2	120.3	185.6	157.1	62.0	110.5	3.5
Cottonwood-aspen	69.4	...	7.7	8.9	13.8	10.8	2.6	17.1	8.5
Basswood	111.9	...	24.1	27.6	16.1	16.7	18.4	6.0	3.0
Yellow-poplar	3798.6	...	557.3	733.4	752.3	592.5	421.9	664.4	76.8
Black walnut	22.0	...	3.3	4.0	3.8	5.0	6.0	...	...
Other hardwoods	2251.1	...	566.0	535.0	403.5	293.7	184.4	241.0	27.6
Total hardwoods	33361.6	...	7013.7	7409.7	6282.8	4562.1	3119.7	4281.5	692.0
All species	76175.6	7857.8	16430.1	16387.5	12901.6	8950.0	5673.6	7103.8	871.2

Table 15 – Volume of growing stock and sawtimber on timberland by county and species group, Alabama Counties, 1990

County	Growing stock						Sawtimber																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Autauga	255.6	42.0	96.6	0.7	71.5	44.9	857.5	99.2	475.3	3.6	193.7	85.8																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 16—*Volume of timber on timberland by class of timber and species group, Alabama Counties, 1990*

Class of timber	All species	Softwood			Hardwood	
		Pine			Soft ¹	Hard ²
		Planted	Natural	Other		
----- Million cubic feet -----						
Sawtimber trees:						
Saw-log portion	12803.9	1059.0	5849.8	174.3	2311.9	3408.9
Upper-stem portion	2304.4	194.2	776.4	24.8	537.2	771.8
Total	15108.3	1253.2	6626.2	199.1	2849.1	4180.7
Poletimber trees	7967.2	1180.7	1777.9	64.3	2395.7	2548.6
All growing-stock trees	23075.5	2433.9	8404.1	263.5	5244.8	6729.2
Rough trees:						
Sawtimber size	668.8	15.0	81.4	9.7	197.6	365.2
Poletimber size	716.3	18.4	54.6	4.0	191.2	448.1
Total	1385.1	33.4	136.0	13.7	388.8	813.3
Rotten trees:						
Sawtimber size	249.7	...	5.3	2.0	95.7	146.7
Poletimber size	25.7	0.3	0.5	0.5	14.2	10.2
Total	275.5	0.3	5.8	2.5	110.0	156.9
Salvable dead trees:						
Sawtimber size	43.3	5.4	24.8	1.1	4.6	7.3
Poletimber size	25.0	3.2	12.9	1.1	1.7	6.1
Total	68.3	8.6	37.7	2.2	6.3	13.4
All classes	24804.3	2476.2	8583.6	281.9	5749.9	7712.8

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 17—*Volume of live trees and growing stock on timberland by ownership class and species group, Alabama Counties, 1990*

Ownership class	Live trees						Growing stock							
	All species	Softwood			Hardwood		All species	Softwood			Hardwood			
		Pine	Planted	Natural	Other	Soft ¹		Hard ²	Pine	Planted	Natural	Other	Soft ¹	Hard ²
----- Million cubic feet -----														
National forest	986.9	19.0	541.0	7.1	119.6	300.2	931.3	18.6	536.6	7.0	110.8	258.3		
Other public	791.1	10.9	260.9	4.6	176.9	337.7	733.2	9.9	256.2	3.5	160.6	303.0		
Forest industry	5190.0	1195.1	1791.9	48.8	1061.9	1092.3	4920.1	1181.2	1770.5	46.8	973.3	948.2		
Forest industry-leased	815.5	174.2	288.5	3.2	166.2	183.3	768.8	173.8	285.9	3.2	153.6	152.3		
Other private	16952.6	1068.3	5663.5	216.0	4218.9	5785.9	15722.2	1050.2	5554.9	202.9	3846.6	5067.5		
All ownerships	24736.0	2467.5	8545.9	279.7	5743.5	7699.4	23075.5	2433.9	8404.1	263.5	5244.8	6729.2		

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 18—Average net annual growth of growing stock and sawtimber on timberland by county and species group, Alabama Counties, 1990

County	Growing stock						Sawtimber																		
	All species	Softwood			Hardwood		All species	Softwood			Hardwood														
		Pine		Other	Soft ¹	Hard ²		Pine		Other	Soft ¹	Hard ²													
		Planted	Natural					Planted	Natural																
----- Million cubic feet -----													----- Million board feet -----												
Autauga	12.5	3.6	4.1	...	2.3	2.5	42.3	12.0	22.2	...	3.4	4.7													
Baldwin	30.4	6.0	14.0	0.7	6.0	3.8	100.5	5.5	63.5	3.4	18.9	9.2													
Barbour	24.9	3.1	12.5	0.1	3.8	5.4	119.1	15.8	69.7	...	15.7	18.0													
Bibb	16.9	1.5	8.8	...	2.7	4.0	65.9	2.5	43.5	0.2	7.3	12.4													
Blount	11.2	0.3	3.5	...	3.3	4.1	46.0	0.2	20.9	...	10.0	14.7													
Bullock	19.9	5.5	7.4	...	3.3	3.8	82.2	23.7	37.9	0.5	10.7	9.4													
Butler	28.0	12.0	8.8	0.1	3.4	3.7	83.5	19.1	41.6	0.5	8.2	14.2													
Calhoun	9.3	...	4.1	...	1.7	3.5	43.0	...	24.2	...	3.1	15.7													
Chambers	19.9	3.0	10.0	0.1	3.9	2.8	68.7	11.6	42.3	0.1	10.2	4.6													
Cherokee	7.3	0.1	3.3	...	0.6	3.2	18.4	...	10.4	...	0.7	7.3													
Chilton	13.0	0.2	4.9	...	2.7	5.2	50.2	0.4	20.8	...	7.1	21.9													
Choctaw	38.1	11.2	14.3	0.2	6.4	6.1	142.0	19.3	79.5	0.9	16.4	25.9													
Clarke	49.1	8.1	20.0	0.5	11.1	9.5	211.8	22.0	108.3	3.6	37.7	40.3													
Clay	13.2	1.5	4.2	...	3.2	4.2	41.3	5.5	14.6	...	10.6	10.5													
Cleburne	17.7	1.1	8.2	...	2.2	6.2	63.7	3.4	37.1	...	6.4	16.9													
Coffee	14.0	1.1	7.3	0.1	1.5	4.1	52.3	6.3	29.8	...	5.0	11.2													
Colbert	7.3	0.7	2.2	0.1	0.9	3.4	26.4	0.2	9.4	0.4	5.0	11.3													
Concehuh	24.7	6.3	11.4	...	2.4	4.5	84.8	6.0	57.6	...	5.9	15.2													
Coosa	15.0	2.8	5.9	...	2.6	3.7	45.8	6.4	24.6	...	6.4	8.4													
Covington	24.3	8.2	8.2	...	4.8	3.2	77.0	16.6	35.5	...	12.6	12.3													
Crenshaw	20.8	4.2	8.2	0.5	3.7	4.1	63.0	9.0	35.2	1.2	7.9	9.7													
Cullman	12.9	-0.1	6.2	...	2.2	4.6	65.6	0.1	40.3	...	7.2	18.0													
Dale	14.5	0.5	6.5	0.1	3.0	4.5	50.7	1.6	31.9	0.8	3.3	13.2													
Dallas	25.9	4.1	9.8	...	4.8	7.2	72.0	2.6	47.0	...	8.5	13.9													
De Kalb	10.4	0.4	1.6	...	2.3	6.1	31.0	2.8	9.4	...	6.6	12.1													
Elmore	13.2	0.3	4.3	...	3.7	4.9	45.9	0.2	20.9	...	10.5	14.4													
Escambia	23.7	8.2	9.9	...	3.2	2.4	83.6	9.0	59.2	...	8.9	6.5													
Etowah	11.5	0.9	4.7	...	2.4	3.5	43.4	6.6	21.0	...	9.4	6.4													
Fayette	15.8	0.9	4.4	...	5.0	5.5	50.0	1.8	16.7	...	13.8	17.7													
Franklin	13.5	3.4	0.7	0.2	3.1	6.0	39.1	2.8	11.6	0.4	7.6	16.7													
Geneva	9.3	1.8	2.7	...	2.5	2.2	29.3	0.2	16.0	0.1	5.9	7.1													
Greene	16.4	2.1	3.2	0.5	4.5	6.2	63.4	11.2	14.6	1.7	11.6	24.3													
Hale	11.9	1.5	3.8	...	2.7	3.9	46.2	1.3	21.5	...	7.9	15.5													
Henry	12.6	1.9	3.5	...	2.8	4.4	39.1	1.6	18.8	...	6.5	12.2													
Houston	7.0	0.5	1.9	...	2.5	2.1	17.7	3.3	5.0	...	5.5	4.0													
Jackson	12.7	0.2	1.4	0.4	3.2	7.5	36.4	...	6.0	0.5	7.2	22.7													
Jefferson	14.6	0.5	5.9	...	1.9	6.2	56.3	...	34.2	...	4.8	17.4													
Lamar	18.1	1.2	5.1	0.1	5.6	6.0	61.4	5.2	21.8	1.6	12.3	20.5													
Lauderdale	9.0	1.2	1.6	...	0.9	5.2	31.4	2.8	7.0	...	3.2	18.5													
Lawrence	9.1	1.4	1.0	0.4	2.1	4.3	27.6	4.2	6.1	1.0	3.1	13.2													
Lee	18.3	3.3	7.4	0.1	4.8	2.7	53.3	7.7	28.3	...	13.2	4.0													
Limestone	3.0	...	0.2	...	1.4	1.4	15.7	...	0.6	...	8.9	6.2													
Lowndes	16.0	6.1	3.1	0.2	3.1	3.6	56.2	20.1	16.7	0.4	8.1	11.0													
Macon	15.3	0.8	4.3	...	3.4	6.8	46.8	0.5	15.9	...	4.2	26.2													
Madison	10.4	1.3	3.7	0.3	2.0	3.1	36.2	2.7	19.2	0.7	7.5	6.2													
Marengo	25.9	4.8	11.4	0.5	4.0	5.3	124.2	18.7	64.5	1.5	17.1	22.4													
Marion	18.1	2.1	5.9	...	2.1	8.0	66.1	12.2	26.7	0.1	3.5	23.6													
Marshall	7.9	0.6	2.3	0.3	1.1	3.5	30.9	1.7	11.7	1.0	6.9	9.5													
Mobile	20.2	2.8	9.9	0.9	4.4	2.2	71.7	3.4	45.3	4.8	12.8	5.4													
Monroe	38.4	10.6	12.4	0.6	5.9	8.9	155.5	29.5	69.4	2.8	21.6	32.2													
Montgomery	17.8	1.3	8.4	-0.1	5.1	3.1	75.6	5.6	48.3	-0.1	9.2	12.6													
Morgan	10.9	1.0	3.3	...	1.4	5.1	44.0	7.0	13.4	0.2	4.9	18.5													
Perry	20.2	7.0	4.8	0.3	3.9	4.2	73.5	15.8	23.7	1.0	15.3	17.7													
Pickens	38.1	8.8	11.5	...	8.1	9.7	161.3	36.5	65.0	-0.1	31.0	28.8													
Pike	13.6	1.1	5.0	0.1	2.9	4.6	37.6	3.8	21.7	...	3.1	9.1													
Randolph	13.8	1.3	3.1	...	5.5	4.0	39.9	5.9	10.4	...	14.7	9.0													
Russell	12.9	1.5	4.8	...	3.1	3.5	45.2	4.1	25.3	...	9.3	6.5													
St. Clair	16.4	3.0	6.5	-0.1	2.4	4.5	56.4	8.4	27.2	...	5.5	15.3													
Shelby	18.7	1.5	7.4	...	2.8	6.9	60.6	6.6	31.4	...	7.4	15.2													
Sumter	24.3	2.0	9.2	0.4	3.6	9.1	107.3	0.9	58.4	1.1	10.0	36.9													
Talladega	13.9	0.6	6.8	...	1.9	4.6	52.3	3.3	28.8	...	4.5	15.7													
Tallapoosa	22.9	2.3	10.5	0.1	3.9	6.1	70.3	5.6	38.6	...	6.6	19.6													
Tuscaloosa	35.3	5.9	17.2	-0.3	4.7	7.8	171.4	21.0	93.7	-0.3	18.5	38.6													
Walker	23.2	1.6	7.8	...	5.1	8.7	89.5	3.3	36.6	...	17.8	31.9													
Washington	38.4	7.3	13.5	0.4	11.0	6.1	131.5	21.7	60.8	1.5	28.2	19.3													
Wilcox	34.0	7.2	15.1	...	5.6	6.1	140.1	21.4	83.6	0.4	13.3	21.5													
Winston	16.0	2.5	5.2	0.2	3.0	5.1	62.5	9.3	25.2	0.5	7.5	19.9													
All counties	1223.6	199.7	450.1	7.9	237.2	328.7	4493.8	519.5	2227.8	32.3	663.4	1050.8													

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 19—Average annual removals of growing stock and sawtimber on timberland by county and species group, Alabama Counties, 1990

County	Growing stock						Sawtimber																		
	All species	Softwood			Hardwood		All species	Softwood			Hardwood														
		Pine		Other	Soft ¹	Hard ²		Pine		Other	Soft ¹	Hard ²													
		Planted	Natural					Planted	Natural																
-----Million cubic feet-----													-----Million board feet-----												
Autauga	12.7	1.5	9.9	...	0.5	0.8	55.1	5.4	46.9	...	0.5	2.2													
Baldwin	25.9	5.0	17.1	...	1.8	1.9	74.5	2.5	64.8	...	4.1	3.0													
Barbour	25.5	4.3	13.7	...	4.0	3.5	94.7	14.0	58.8	...	11.1	10.8													
Bibb	18.5	...	13.1	...	2.8	2.6	65.7	...	57.6	...	2.0	6.1													
Blount	4.9	0.3	3.3	...	0.7	0.6	17.2	1.8	10.9	...	1.9	2.5													
Bullock	14.9	0.8	11.2	...	1.4	1.5	64.9	3.2	50.6	...	5.7	5.4													
Butler	21.4	4.3	11.5	...	2.7	2.9	87.3	10.4	59.9	...	7.1	9.9													
Calhoun	6.4	...	4.3	...	...	2.1	25.1	...	17.4	...	...	7.7													
Chambers	22.4	3.3	12.1	...	4.0	3.0	70.9	7.0	40.8	...	14.5	8.5													
Cherokee	5.8	...	4.5	...	0.1	1.2	19.6	...	16.4	...	...	3.2													
Chilton	11.6	...	7.1	...	0.8	3.6	33.0	...	22.2	...	2.6	8.2													
Choctaw	30.7	0.5	19.3	...	5.5	5.5	117.9	0.8	87.9	...	12.6	16.6													
Clarke	36.0	1.3	19.8	0.1	6.4	8.4	150.2	4.5	93.7	0.6	22.0	29.4													
Clay	14.6	2.6	7.4	...	1.7	2.9	41.6	5.9	24.8	...	4.6	6.3													
Cleburne	9.4	...	6.6	...	0.6	2.2	29.6	...	22.2	...	0.2	7.2													
Coffee	20.4	2.4	8.2	...	3.2	6.5	71.8	10.4	36.5	...	8.4	16.5													
Colbert	3.6	...	0.7	...	0.2	2.7	12.8	...	3.4	...	...	9.3													
Conecuh	14.9	...	5.3	...	5.1	4.6	47.3	...	26.4	...	6.4	14.5													
Coosa	15.2	...	9.9	...	2.2	3.1	47.0	...	34.1	...	3.3	9.6													
Covington	21.2	1.5	15.8	...	2.3	1.7	87.2	5.7	73.1	...	2.5	6.0													
Crenshaw	10.8	...	4.7	0.1	1.3	4.6	37.9	...	21.9	...	4.0	12.1													
Cullman	13.2	0.1	9.8	...	0.2	3.1	35.5	...	30.8	...	...	4.7													
Dale	8.1	0.2	4.6	0.2	2.1	1.1	27.6	0.8	19.3	0.7	4.8	2.1													
Dallas	16.5	1.1	11.6	...	1.1	2.7	69.5	...	58.9	...	3.7	7.0													
De Kalb	12.1	3.7	2.2	...	1.5	4.6	41.6	13.0	5.9	...	6.4	16.4													
Elmore	9.1	0.2	4.8	...	2.9	1.2	36.4	0.7	20.5	...	11.8	3.4													
Escambia	18.8	2.0	11.5	...	2.7	2.6	71.4	5.7	49.5	...	8.4	7.8													
Etowah	4.7	...	2.1	...	2.0	0.5	12.8	...	5.2	...	5.9	1.7													
Fayette	25.7	2.6	7.7	...	7.5	7.8	84.2	7.6	34.3	...	19.4	22.8													
Franklin	8.5	...	5.1	...	0.4	3.1	30.2	...	18.4	...	1.9	10.0													
Geneva	5.3	...	3.4	...	1.6	0.3	19.4	...	16.1	...	2.5	0.7													
Greene	11.5	3.1	5.4	...	1.2	1.9	51.7	15.1	25.2	...	4.2	7.1													
Hale	18.5	...	10.0	...	5.3	3.2	70.8	...	51.0	...	11.2	8.5													
Henry	10.5	0.3	5.1	...	0.3	4.9	38.0	1.4	22.6	...	...	14.1													
Houston	2.5	1.2	0.5	...	0.7	...	6.4	1.9	2.1	...	2.4	...													
Jackson	5.5	...	1.0	...	2.1	2.3	23.6	...	5.4	...	8.7	9.5													
Jefferson	29.0	...	24.8	...	1.2	3.0	118.7	...	106.6	...	2.7	9.4													
Lamar	13.3	1.2	6.0	...	2.9	3.3	37.5	2.4	18.8	...	7.4	8.9													
Lauderdale	6.0	...	2.6	...	0.1	3.2	22.8	...	13.4	...	...	9.3													
Lawrence	6.2	...	3.7	0.1	0.6	1.8	21.5	...	17.4	...	1.4	2.8													
Lee	17.5	3.9	9.6	...	1.7	2.4	56.5	11.5	34.3	...	3.0	7.8													
Limestone	4.4	...	1.6	...	0.6	2.2	22.4	...	9.5	...	3.4	9.5													
Lowndes	15.9	3.5	7.6	...	1.6	3.3	59.4	6.2	36.4	...	3.9	12.9													
Macon	10.8	0.1	3.9	...	1.1	5.6	37.2	0.1	16.7	...	1.5	18.8													
Madison	0.3	...	...	...	...	0.2	0.1	...	...	0.1	...	...													
Marengo	33.2	1.2	21.5	0.3	3.1	7.1	136.9	6.4	94.8	1.7	7.5	26.4													
Marion	18.7	1.9	11.4	...	0.5	4.9	67.2	7.3	44.1	...	1.4	14.5													
Marshall	6.1	...	3.5	0.1	0.3	2.2	24.7	...	15.5	0.6	0.9	7.8													
Mobile	10.4	3.4	4.9	...	0.5	1.7	27.8	6.6	15.0	...	2.0	4.2													
Monroe	31.5	5.1	13.9	...	4.1	8.5	109.1	6.6	64.6	...	10.9	27.0													
Montgomery	14.2	2.1	7.5	...	1.6	3.0	57.6	5.5	37.3	...	5.5	9.3													
Morgan	5.0	...	2.8	...	0.7	1.5	20.9	...	11.9	...	2.9	6.2													
Perry	21.8	0.9	13.6	...	3.2	4.2	81.5	2.1	62.8	...	4.0	12.5													
Pickens	27.4	5.0	13.0	...	4.0	5.4	87.3	9.2	55.3	...	9.9	12.8													
Pike	16.5	2.0	5.5	0.1	3.4	5.4	53.7	8.1	23.5	...	5.4	16.6													
Randolph	8.5	3.9	2.4	...	1.1	1.2	26.1	12.6	5.6	...	4.1	3.7													
Russell	22.6	2.6	17.2	...	2.1	0.7	87.7	9.5	73.1	...	3.5	1.6													
St. Clair	13.6	2.0	9.6	...	0.7	1.4	44.4	7.7	28.8	...	3.4	4.4													
Shelby	18.6	1.1	12.4	...	1.9	3.2	65.1	3.6	50.4	...	4.2	6.9													
Sumter	23.6	2.2	12.9	...	3.7	4.9	95.5	9.4	62.7	...	8.8	14.5													
Talladega	11.1	1.2	7.5	...	1.0	1.5	46.0	5.0	34.7	...	2.1	4.2													
Tallapoosa	18.1	2.2	8.7	...	3.2	4.1	55.5	4.4	27.9	...	8.9	14.3													
Tuscaloosa	59.7	7.7	33.0	...	5.7	13.3	219.1	16.9	134.8	...	19.6	47.8													
Walker	23.2	...	16.8	...	2.1	4.3	67.2	...	52.9	...	4.2	10.1													
Washington	24.5	4.4	11.3	0.2	4.7	4.0	87.4	11.2	50.1	0.7	13.3	12.0													
Wilcox	38.2	1.7	20.6	...	6.4	9.5	161.6	9.5	94.5	...	20.9	36.6													
Winston	22.3	5.6	11.3	...	1.7	3.6	65.9	17.4	30.1	...	4.2	14.2													
All counties	1089.6	106.8	611.4	1.3	144.3	225.7	3934.8	297.2	2559.1	4.5	375.7	698.5													

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 20—Average net annual growth and average annual removals of growing stock on timberland by species, Alabama Counties, 1990

Species	Growth	Removals
----- Million cubic feet -----		
Yellow pines	649.5	718.3
Eastern white-red pines	0.4	...
Other softwoods	7.9	1.3
Total softwoods	657.8	719.5
Select white-red oaks	67.8	40.3
Other white-red oaks	198.1	139.0
Hickory	39.5	28.2
Hard maple	1.6	0.5
Sweetgum	89.6	67.9
Ash-walnut-black cherry	15.6	8.2
Yellow-poplar	48.7	25.8
Other hardwoods	104.9	60.1
Total hardwoods	565.9	370.1
All species	1223.6	1089.6

Table 21—Average net annual growth and average annual removals of sawtimber on timberland by species, Alabama Counties, 1990

Species	Growth	Removals
----- Million board feet -----		
Yellow pines	2745.3	2856.2
Eastern white-red pines	2.0	...
Other softwoods	32.3	4.5
Total softwoods	2779.6	2860.7
Select white-red oaks	248.7	136.1
Other white-red oaks	631.9	422.6
Hickory	118.5	85.4
Hard maple	2.8	2.4
Sweetgum	222.3	142.5
Ash-walnut-black cherry	35.1	28.3
Yellow-poplar	196.3	93.1
Other hardwoods	258.5	163.7
Total hardwoods	1714.2	1074.1
All species	4493.8	3934.8

Table 22—Average annual mortality of growing stock and sawtimber on timberland by species, Alabama Counties, 1990

Species	Growing stock	Sawtimber
--- Million cubic feet --- Million board feet ---		
Yellow pines	103.6	278.7
Other softwoods	2.6	4.8
Total softwoods	106.2	283.6
Select white-red oaks	6.3	18.4
Other white-red oaks	27.5	66.9
Hickory	7.4	17.6
Hard maple	0.1	...
Sweetgum	17.2	30.1
Ash-walnut-black cherry	4.2	12.4
Yellow-poplar	7.2	20.2
Other hardwoods	21.9	48.8
Total hardwoods	91.9	214.5
All species	198.1	498.0

Table 23—Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, Alabama Counties, 1990

Ownership class	Growth						Removals							
	All species	Softwood			Hardwood		All species	Softwood			Hardwood			
		Pine	Planted	Natural	Other	Soft ¹		Hard ²	Pine	Planted	Natural	Other	Soft ¹	Hard ²
----- Million cubic feet -----														
National forest	28.6	2.4	11.8	0.3	5.1	9.0	15.5	0.7	11.3	...	0.9	2.7		
Other public	26.3	1.4	5.6	0.3	6.0	13.1	14.7	0.6	9.9	...	2.2	2.0		
Forest industry	303.0	103.1	106.2	0.6	42.6	50.5	293.5	36.4	168.9	...	34.1	54.1		
Forest industry-leased	47.4	15.4	15.0	0.1	7.7	9.2	36.4	9.2	15.8	...	3.8	7.6		
Other private	818.3	77.4	311.6	6.6	175.8	246.9	729.4	59.9	405.5	1.3	103.3	159.4		
All ownerships	1223.6	199.7	450.1	7.9	237.2	328.7	1089.6	106.8	611.4	1.3	144.3	225.7		

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 24—Average net annual growth and average annual removals of sawtimber on timberland by ownership class and species group, Alabama Counties, 1990

Ownership class	Growth						Removals					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft ¹	Hard ²		Planted	Natural	Other	Soft ¹	Hard ²
----- Million board feet -----												
National forest	127.9	7.1	69.4	0.1	18.0	33.3	63.7	3.0	52.6	...	2.9	5.2
Other public	100.1	1.5	40.2	...	16.2	42.2	60.9	1.2	48.7	...	4.6	6.3
Forest industry	1025.8	213.3	511.5	3.5	138.0	159.5	1063.2	101.6	705.8	...	86.1	169.7
Forest industry-leased	164.3	34.0	73.0	0.7	23.1	33.5	123.6	17.1	69.0	...	10.4	27.2
Other private	3075.7	263.6	1533.7	28.0	468.2	782.2	2623.4	174.2	1683.0	4.5	271.6	490.1
All ownerships	4493.8	519.5	2227.8	32.3	663.4	1050.8	3934.8	297.2	2559.1	4.5	375.7	698.5

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 25—Volume of sawtimber on timberland by species and tree grade, Alabama Counties, 1990

Species	All grades	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
----- Million board feet -----						
Yellow pines	41849.9	9532.1	8010.3	23266.1	...	1041.3
Cypress	721.4	404.0	140.3	160.7	...	16.5
Redcedar	169.1	167.1	...	...	...	2.0
Other softwoods	73.7	26.1	4.3	37.3	...	6.0
Total softwoods	42814.1	10129.3	8154.9	23464.1	...	1065.8
Select white-red oaks	4977.5	662.0	1140.6	2040.6	809.6	324.7
Other white-red oaks	10535.2	572.1	1468.9	3940.7	3494.0	1059.5
Hickory	3260.3	178.8	600.5	1592.5	673.6	214.9
Hard maple	69.0	...	5.6	32.4	23.2	7.8
Sweetgum	4179.9	405.7	876.3	1883.1	684.9	329.9
Tupelo and blackgum	2504.0	324.3	643.2	1176.6	214.5	145.4
Ash-walnut-black cherry	873.6	144.0	211.1	354.9	73.7	90.0
Yellow-poplar	3798.6	473.7	676.6	1340.3	963.4	344.7
Other hardwoods	3163.5	241.0	422.3	1262.7	851.8	385.7
Total hardwoods	33361.6	3001.6	6045.0	13623.9	7788.6	2902.5
All species	76175.6	13130.9	14199.9	37087.9	7788.6	3968.3

Supplemental Tables 26-43

Table 26—Area of timberland by stand age, forest type group and stand origin, Alabama Counties, 1990

Stand age class	Pine		Oak-pine		Other hardwood types	
	Artificial	Natural	Artificial	Natural	Artificial	Natural
-----Thousand acres-----						
1-10	1548.3	189.7	325.7	159.9	245.7	362.7
11-20	872.3	145.3	92.0	54.3	11.0	70.9
21-30	402.8	108.0	21.8	28.6	10.6	24.7
31-40	142.3	123.0	23.7	11.8	5.2	22.2
41-50	22.0	117.8	...	20.5	5.8	17.1
> 50	12.1	59.1	5.8	35.4	...	26.6
Mixed	437.7	3281.9	137.6	3604.7	88.6	9045.4
Total	3437.6	4024.9	606.6	3915.2	367.0	9569.6

Table 27—Volume of softwood growing stock on timberland by forest type, Alabama Counties, 1990

County	Total	White-red-jack pine	Forest type group						
			Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress
			Planted	Natural	Planted	Natural			
-----Million cubic feet-----									
Autauga	139.3	...	14.4	13.0	26.4	54.6	15.4	13.5	1.9
Baldwin	387.6	...	31.5	146.2	11.6	49.7	76.2	18.0	54.4
Barbour	282.7	...	24.1	6.7	19.6	138.2	57.9	34.2	2.0
Bibb	176.1	...	...	16.9	34.9	46.1	58.0	18.7	1.5
Blount	71.2	...	...	...	1.8	49.2	9.8	9.8	0.6
Bullock	149.6	...	...	...	61.4	45.4	22.9	19.9	...
Butler	322.1	...	...	...	137.8	112.7	60.0	7.0	4.6
Calhoun	160.1	...	...	...	...	107.0	41.2	11.9	...
Chambers	136.8	...	...	...	24.8	74.1	27.8	10.1	...
Cherokee	66.8	...	...	...	0.2	28.9	27.5	10.3	...
Chilton	129.5	...	...	...	7.9	49.7	45.4	23.3	3.1
Choctaw	419.2	...	...	...	94.7	194.5	78.4	27.1	24.5
Clarke	617.5	...	11.8	8.1	71.3	315.3	149.9	28.7	32.4
Clay	86.2	...	...	14.6	9.8	12.0	35.5	14.3	...
Cleburne	206.8	...	...	10.9	...	117.0	65.3	13.6	...
Coffee	86.8	...	8.4	...	...	28.3	32.4	17.8	...
Colbert	48.9	...	...	...	5.1	24.4	8.6	10.3	0.5
Conecuh	264.1	...	17.1	30.9	70.2	70.0	40.7	26.7	8.6
Coosa	113.7	...	...	8.4	36.7	18.3	36.1	14.2	...
Covington	264.5	...	43.8	67.9	69.1	17.0	51.7	8.2	6.8
Crenshaw	181.4	...	12.2	23.8	29.2	32.7	56.8	20.2	6.7
Cullman	135.8	...	...	...	1.8	93.4	22.4	18.2	...
Dale	120.6	...	14.0	...	...	49.0	36.9	20.2	0.5
Dallas	201.8	...	...	...	28.5	89.4	64.1	15.6	4.2
De Kalb	92.2	...	...	...	12.2	43.8	16.7	19.4	...
Elmore	66.1	...	...	...	4.9	31.9	17.5	7.9	3.9
Escambia	410.0	...	61.6	201.1	33.6	41.6	60.2	5.0	7.0
Etowah	102.9	...	...	...	15.0	52.4	22.2	11.3	2.0
Fayette	109.1	...	...	...	4.0	73.1	19.0	12.4	0.6
Franklin	67.0	...	...	...	30.9	9.7	12.3	13.9	0.3
Geneva	48.8	...	1.3	14.6	6.8	...	16.8	6.7	2.6
Greene	124.9	...	...	...	20.8	45.8	35.6	15.2	7.5
Hale	99.0	...	2.5	...	23.9	18.4	42.0	7.0	5.2
Henry	86.3	...	3.0	...	14.4	30.2	26.3	11.7	0.7
Houston	52.8	...	11.1	11.7	4.7	12.3	8.9	4.0	...

Table 27—Volume of softwood growing stock on timberland by forest type, Alabama Counties, 1990 - Continued

County	Total	Forest type group							
		White-red-jack pine	Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress
			Planted	Natural	Planted	Natural			
-----Million cubic feet-----									
Jackson	58.3	...	...	...	1.6	20.9	20.3	15.6	...
Jefferson	185.3	...	...	...	17.9	81.4	59.4	26.0	0.6
Lamar	100.4	...	...	...	16.8	9.8	54.9	8.6	10.2
Lauderdale	32.1	...	...	...	18.5	...	6.3	7.4	...
Lawrence	67.9	4.7	...	...	7.0	32.2	8.4	14.6	1.1
Lee	99.4	...	...	5.4	18.6	52.1	15.9	4.9	2.4
Limestone	10.7	...	...	...	...	...	7.5	3.2	...
Lowndes	111.2	...	...	...	42.8	37.4	29.0	1.4	0.6
Macon	82.8	...	1.8	0.1	8.0	33.5	27.2	10.9	1.3
Madison	85.9	...	...	...	...	58.5	...	16.2	11.2
Marengo	213.4	...	...	...	51.6	89.2	46.9	20.4	5.3
Marion	111.0	...	...	...	45.3	29.9	14.1	21.7	...
Marshall	74.7	...	...	...	9.1	30.8	28.6	6.2	...
Mobile	262.9	...	9.2	97.7	5.2	19.5	86.7	14.2	30.3
Monroe	374.7	...	35.9	16.6	83.6	112.9	77.8	35.8	12.1
Montgomery	135.0	...	...	...	8.1	76.6	37.1	9.8	3.4
Morgan	69.3	...	...	...	16.4	29.7	13.1	9.7	0.4
Perry	145.2	...	5.2	11.2	64.6	13.9	30.0	12.7	7.5
Pickens	368.3	...	...	...	154.2	105.5	70.3	36.8	1.5
Pike	90.0	...	11.8	4.3	4.8	37.8	9.0	19.8	2.6
Randolph	83.4	...	...	...	16.8	23.7	27.3	15.6	...
Russell	80.7	...	...	...	10.0	15.9	42.2	12.5	...
St. Clair	116.9	...	...	...	17.6	38.3	41.5	16.7	2.7
Shelby	159.4	...	...	30.4	22.2	51.5	43.1	12.2	...
Sumter	232.7	...	...	...	41.5	131.7	42.0	15.5	1.9
Talladega	121.5	...	...	28.9	15.2	34.5	28.3	14.6	...
Tallapoosa	150.0	...	...	...	45.5	57.9	17.0	29.6	...
Tuscaloosa	353.7	...	...	4.5	43.6	158.8	110.2	34.7	2.0
Walker	169.9	...	...	...	42.3	65.2	43.1	19.3	...
Washington	412.8	...	85.2	90.9	18.6	57.9	99.6	30.6	29.8
Wilcox	326.2	...	...	4.8	87.4	130.2	70.3	23.5	9.9
Winston	187.7	...	...	...	5.5	85.9	73.3	22.4	0.6
All counties	11101.5	4.7	405.9	869.7	1854.0	3899.4	2678.7	1069.4	319.7

Table 28—Volume of hardwood growing stock on timberland by forest type, Alabama Counties, 1990

County	Total	White-red-jack pine	Forest type group							
			Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
			Planted	Natural	Planted	Natural				
-----Million cubic feet-----										
Autauga	116.3	...	...	...	2.8	15.6	15.9	53.5	28.6	...
Baldwin	283.5	...	1.0	11.2	0.2	2.9	25.6	17.4	225.2	...
Barbour	209.3	...	4.6	2.4	3.3	31.5	48.2	80.0	39.2	...
Bibb	154.1	...	...	1.0	9.5	12.9	34.1	77.5	19.1	...
Blount	142.3	...	...	...	...	8.1	17.6	97.6	19.1	...
Bullock	116.3	...	...	...	0.8	7.5	22.8	49.8	35.5	...
Butler	160.4	...	...	...	16.0	22.5	29.4	64.5	28.1	...
Calhoun	149.8	...	...	...	1.3	13.8	45.4	89.3	...	...
Chambers	97.4	...	...	...	1.2	10.3	17.3	62.8	5.8	...
Cherokee	89.4	...	...	...	...	8.5	24.2	41.3	15.4	...
Chilton	186.0	...	...	...	0.3	8.4	40.7	96.7	39.8	...
Choctaw	278.1	...	...	...	8.9	37.4	47.2	80.5	104.1	...
Clarke	444.8	...	0.2	0.9	4.8	60.2	93.9	68.5	216.2	...
Clay	134.7	...	...	3.3	0.5	3.1	26.8	101.1	...	...
Cleburne	162.1	...	...	0.4	...	17.4	62.3	82.0	...	...
Coffee	82.9	...	...	...	...	6.6	21.6	31.3	23.3	...
Colbert	107.9	...	...	...	0.2	2.8	7.3	89.1	8.5	...
Conecuh	202.3	...	...	9.3	9.1	14.7	21.4	71.6	76.2	...
Coosa	143.3	...	...	...	2.7	8.1	28.1	95.1	9.3	...
Covington	147.2	...	2.2	6.1	2.3	7.4	25.8	58.0	45.4	...
Crenshaw	171.4	...	4.4	0.3	4.6	13.1	32.3	59.0	57.6	...
Cullman	149.4	...	...	...	0.6	12.5	22.1	112.0	2.3	...
Dale	161.3	...	...	...	...	12.7	34.5	80.8	33.3	...
Dallas	266.6	...	...	...	2.6	13.6	47.6	103.0	99.9	...
De Kalb	118.0	...	...	...	0.2	6.1	13.7	97.9	...	...
Elmore	145.8	...	...	...	0.2	3.4	18.2	92.8	31.1	...
Escambia	128.9	...	2.0	16.6	1.7	3.6	29.2	19.6	56.1	...
Etowah	126.3	...	...	...	0.8	7.4	21.7	83.5	13.0	...
Fayette	182.7	...	...	...	1.8	14.0	23.3	99.0	44.7	...
Franklin	182.9	...	...	...	9.5	4.0	17.6	146.8	5.0	...
Geneva	79.8	...	...	0.2	0.5	...	6.2	27.0	45.9	...
Greene	228.7	...	...	...	3.8	9.6	30.4	56.6	128.3	...
Hale	136.2	...	...	...	6.2	2.9	24.9	20.0	82.3	...
Henry	101.5	...	0.2	...	0.6	6.7	16.0	57.6	20.5	...
Houston	90.7	...	...	5.9	0.6	4.6	4.0	24.5	49.2	1.9
Jackson	380.1	...	...	...	...	8.9	15.1	346.5	9.5	...
Jefferson	189.5	...	...	...	0.9	18.2	46.3	121.3	2.9	...
Lamar	256.8	...	...	...	0.9	1.1	47.3	74.5	133.0	...
Lauderdale	132.7	...	...	...	3.3	...	4.3	125.1	...	...
Lawrence	160.6	1.2	...	...	0.1	10.8	5.4	111.9	31.2	...
Lee	119.6	...	...	0.5	2.2	12.3	23.6	72.0	9.1	...
Limestone	113.2	...	...	...	...	...	6.1	68.4	38.7	...
Lowndes	136.4	...	...	...	4.3	7.1	18.6	20.2	86.3	...
Macon	153.8	...	...	...	...	5.4	21.4	44.2	82.8	...
Madison	171.2	...	...	...	...	6.7	...	129.7	34.9	...
Marengo	203.4	...	...	...	7.4	12.4	20.8	73.5	89.2	...
Marion	178.1	...	...	...	2.3	10.4	13.6	143.9	7.9	...
Marshall	126.7	...	...	...	...	8.9	27.6	90.1	...	...
Mobile	153.3	...	0.6	2.8	0.9	1.5	33.5	26.3	87.7	...
Monroe	282.3	...	0.2	2.7	9.6	16.7	54.8	107.7	90.7	...
Montgomery	172.8	...	...	...	2.4	8.4	22.6	55.8	83.6	...
Morgan	193.5	...	...	...	0.6	13.9	14.6	128.0	36.5	...
Perry	133.0	...	0.5	0.6	9.3	2.5	24.8	45.9	49.4	...
Pickens	329.6	...	...	...	24.2	23.9	56.4	113.7	111.3	...
Pike	118.4	...	0.5	0.7	1.0	6.2	7.4	87.0	15.6	...
Randolph	137.0	...	...	...	3.5	4.9	29.7	98.9	...	...
Russell	148.1	...	...	...	3.2	0.4	30.8	54.0	59.7	...
St. Clair	179.3	...	...	...	3.6	7.8	42.7	108.8	16.4	...
Shelby	162.2	...	...	3.2	6.9	12.3	28.7	84.4	26.7	...
Sumter	260.5	...	...	...	13.0	24.5	35.0	83.5	97.0	7.5
Talladega	114.2	...	...	7.8	1.0	3.5	16.9	82.8	...	2.2
Tallapoosa	197.2	...	...	...	2.0	9.3	31.7	138.2	16.0	...
Tuscaloosa	433.8	...	...	0.8	1.2	21.4	76.2	197.1	137.2	...
Walker	214.3	...	...	...	3.6	26.8	27.4	156.5	...	...
Washington	328.8	...	4.2	13.4	8.2	6.4	60.8	74.3	161.5	...
Wilcox	214.4	...	...	0.5	10.5	26.7	41.9	65.3	69.4	...
Winston	201.0	...	...	...	0.5	21.2	73.3	100.2	5.9	...
All counties	11974.0	1.2	20.6	90.4	223.9	754.3	1956.5	5717.4	3198.1	11.6

Table 29 – Volume of softwood growing stock in the sawlog portion of sawtimber trees on timberland by forest type, Alabama Counties, 1990

County	Total	Forest type group							
		White-red-jack pine	Longleaf-slash pine		Loblolly-shortleaf pine		Oak-pine	Oak hickory	Oak-gum cypress
			Planted	Natural	Planted	Natural			
-----Million cubic feet-----									
Autauga	96.2	...	6.7	9.6	12.1	44.4	10.0	12.2	1.2
Baldwin	244.8	...	4.9	88.3	4.7	33.8	54.7	14.4	44.1
Barbour	216.4	...	18.0	3.2	14.5	110.4	42.3	27.1	0.8
Bibb	117.9	...	...	13.8	15.4	31.0	43.8	12.4	1.5
Blount	47.0	...	...	...	...	35.2	4.9	6.4	0.5
Bullock	106.8	...	...	...	39.9	35.4	16.6	15.0	...
Butler	173.0	...	...	...	32.4	90.5	42.9	4.2	3.1
Calhoun	102.6	...	...	...	...	64.4	30.9	7.3	...
Chambers	87.7	...	...	...	18.3	40.9	22.0	6.5	...
Cherokee	38.4	...	...	...	...	17.2	13.0	8.2	...
Chilton	93.0	...	...	...	2.6	38.6	34.1	16.4	1.3
Choctaw	279.2	...	...	...	36.6	134.6	63.2	22.9	21.9
Clarke	439.5	...	2.0	5.5	28.9	236.7	116.0	20.9	29.5
Clay	51.6	...	...	12.5	0.8	7.3	21.4	9.6	...
Cleburne	133.0	...	...	8.8	...	73.1	41.9	9.1	...
Coffee	53.4	...	6.5	...	...	15.5	19.2	12.2	...
Colbert	21.0	...	...	...	0.9	8.4	4.0	7.2	0.5
Conecuh	150.5	...	1.0	19.7	20.6	52.0	27.8	22.0	7.3
Coosa	56.4	...	...	4.0	13.8	7.2	21.4	9.9	...
Covington	156.4	...	20.9	52.7	24.7	9.9	38.1	5.0	5.0
Crenshaw	106.6	...	8.3	18.4	2.4	21.0	37.4	13.4	5.6
Cullman	98.7	...	...	...	1.6	67.8	16.5	12.7	...
Dale	82.5	...	8.3	...	...	31.5	27.0	15.4	0.3
Dallas	131.8	...	...	...	4.2	61.5	51.7	11.5	2.9
De Kalb	47.0	...	...	...	6.9	17.7	8.9	13.5	...
Elmore	37.5	...	...	...	0.3	17.7	10.8	5.5	3.1
Escambia	262.0	...	13.9	150.6	6.3	32.6	49.6	4.8	4.1
Etowah	59.9	...	...	...	8.9	29.0	14.0	6.2	1.8
Fayette	54.7	...	...	...	...	33.8	13.0	7.3	0.6
Franklin	25.9	...	...	...	7.6	4.8	5.4	8.1	...
Geneva	28.4	...	0.6	12.0	0.6	...	9.4	3.8	2.0
Greene	95.4	...	...	...	15.4	34.3	25.6	13.4	6.6
Hale	67.0	...	1.7	...	9.0	13.0	33.1	5.3	5.0
Henry	53.4	...	0.5	...	4.9	22.2	17.2	7.9	0.7
Houston	35.9	...	8.7	11.3	0.3	9.4	3.7	2.6	...
Jackson	27.1	...	...	...	...	6.5	11.4	9.2	...
Jefferson	94.8	...	...	...	2.2	42.4	34.1	15.6	0.5
Lamar	60.0	...	...	...	7.4	3.1	35.6	4.8	9.0
Lauderdale	15.9	...	...	...	7.1	...	4.8	4.0	...
Lawrence	39.7	3.2	...	...	2.5	18.2	4.8	10.1	1.0
Lee	49.5	...	...	3.5	4.7	27.1	8.7	3.6	1.9
Limestone	9.3	...	...	...	...	...	6.6	2.8	...
Lowndes	74.2	...	...	...	20.6	29.0	23.1	0.9	0.6
Macon	50.2	...	0.5	0.1	0.7	20.1	20.5	7.1	1.2
Madison	58.1	...	...	...	...	37.5	...	12.4	8.2
Marengo	127.1	...	...	...	23.8	54.0	32.7	12.2	4.4
Marion	59.5	...	...	...	22.4	17.2	8.3	11.6	...
Marshall	41.7	...	...	...	1.8	17.0	21.0	2.0	...
Mobile	165.1	...	2.5	51.1	3.3	14.2	62.7	8.5	22.8
Monroe	255.6	...	12.9	11.7	52.0	81.1	59.2	28.5	10.3
Montgomery	108.1	...	...	...	5.5	61.0	31.0	7.6	3.1
Morgan	43.5	...	...	...	11.8	16.4	9.3	5.6	0.3
Perry	86.0	...	2.9	8.4	23.4	8.6	24.7	10.9	7.0
Pickens	254.5	...	...	...	100.8	73.9	52.6	25.9	1.3
Pike	51.5	...	7.0	2.4	0.8	23.3	3.5	12.3	2.3
Randolph	48.9	...	...	...	9.0	13.8	17.0	9.0	...
Russell	50.9	...	...	...	0.9	12.6	27.7	9.6	...
St. Clair	66.9	...	...	...	5.8	19.9	26.1	12.8	2.4
Shelby	106.6	...	...	20.3	12.5	36.2	27.9	9.6	...
Sumter	170.1	...	...	...	25.0	99.0	31.7	12.7	1.6
Talladega	81.7	...	...	20.6	11.5	22.1	18.7	8.8	...
Tallapoosa	81.4	...	...	...	19.3	31.1	10.0	21.0	...
Tuscaloosa	222.4	...	...	3.4	22.0	92.4	78.0	24.7	1.8
Walker	99.4	...	...	...	13.8	46.2	27.2	12.1	...
Washington	274.6	...	44.7	54.6	13.6	40.3	73.9	24.0	23.6
Wilcox	230.6	...	...	1.2	44.6	104.4	51.0	20.3	9.2
Winston	126.9	...	...	...	1.3	55.9	54.1	15.1	0.6
All counties	7083.1	3.2	172.7	587.7	805.0	2607.4	1889.2	755.9	262.0

Table 30—Volume of hardwood growing stock in the sawlog portion of sawtimber trees on timberland by forest type group, Alabama Counties, 1990

County	Total	Forest type group								
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress		Elm-ash- cottonwood
		Planted	Natural	Planted	Natural					
----- Million cubic feet -----										
Autauga	50.1	...	...	0.5	5.2	5.2	18.5	20.7	...	
Baldwin	154.6	0.4	3.4	...	1.5	10.4	6.9	132.0	...	
Barbour	91.7	1.2	1.1	0.9	13.5	23.2	31.8	20.0	...	
Bibb	76.6	...	0.1	5.5	4.9	18.4	34.9	12.8	...	
Blount	79.6	...	...	...	4.2	6.8	56.5	12.1	...	
Bullock	54.6	...	...	0.3	3.1	9.2	24.5	17.5	...	
Butler	86.2	...	...	6.7	7.5	14.1	41.4	16.5	...	
Calhoun	63.5	...	...	1.1	4.0	23.5	34.9	...	...	
Chambers	37.0	...	...	...	3.4	6.5	24.4	2.6	...	
Cherokee	37.1	...	...	...	2.3	9.3	16.8	8.7	...	
Chilton	92.5	...	...	...	4.2	18.9	47.7	21.7	...	
Choctaw	137.1	...	...	2.3	13.3	23.3	48.2	50.0	...	
Clarke	233.2	...	0.3	1.6	23.0	40.7	28.5	139.1	...	
Clay	55.5	...	0.6	...	0.2	12.6	42.0	...	...	
Cleburne	71.0	...	...	...	6.0	26.4	38.6	...	...	
Coffee	38.5	...	...	...	1.5	9.4	13.3	14.2	...	
Colbert	45.3	...	...	...	1.2	3.0	36.1	4.9	...	
Conecuh	105.4	...	5.8	2.3	10.2	6.5	39.4	41.2	...	
Coosa	60.1	...	...	0.8	1.8	8.1	42.5	6.9	...	
Covington	54.6	0.7	1.9	1.0	2.3	6.2	24.0	18.4	...	
Crenshaw	66.5	...	...	0.3	4.6	12.5	16.2	32.9	...	
Cullman	79.4	...	...	...	4.5	10.5	64.0	0.4	...	
Dale	65.4	...	...	...	3.9	15.7	31.3	14.5	...	
Dallas	122.2	...	...	...	4.1	19.4	47.0	51.7	...	
De Kalb	50.9	...	...	...	2.0	2.8	46.1	...	...	
Elmore	68.1	...	...	...	1.2	4.8	42.3	19.7	...	
Escambia	61.2	0.7	8.6	...	1.2	14.9	8.6	27.2	...	
Etowah	49.3	...	...	0.3	2.3	5.9	36.2	4.5	...	
Fayette	86.5	...	...	1.4	4.9	6.5	48.5	25.1	...	
Franklin	86.3	...	...	4.0	2.4	10.5	67.7	1.8	...	
Geneva	37.8	...	...	0.4	...	2.9	11.7	22.7	...	
Greene	133.6	...	...	2.4	2.0	10.9	27.7	90.7	...	
Hale	64.1	...	...	1.7	1.3	10.7	11.0	39.5	...	
Henry	42.3	...	...	0.2	2.0	3.9	26.2	10.1	...	
Houston	44.5	...	3.9	0.2	1.7	1.1	9.2	28.4	...	
Jackson	201.3	...	...	...	2.0	2.9	192.1	4.2	...	
Jefferson	89.2	...	...	...	6.9	23.8	56.9	1.7	...	
Lamar	113.6	...	...	0.8	0.5	25.2	29.7	57.4	...	
Lauderdale	72.3	...	...	1.6	...	0.4	70.3	...	...	
Lawrence	77.6	...	...	...	3.9	1.5	58.1	14.1	...	
Lee	52.1	...	...	...	2.5	9.1	36.6	3.9	...	
Limestone	68.4	...	...	...	...	3.1	39.6	25.7	...	
Lowndes	74.1	...	...	0.7	4.0	6.3	5.5	57.7	...	
Macon	74.9	...	...	...	2.1	7.2	22.2	43.5	...	
Madison	83.6	...	...	...	1.7	...	66.0	15.9	...	
Marengo	110.1	...	...	2.3	5.0	9.3	34.7	58.8	...	
Marion	66.9	...	...	1.2	3.0	2.8	57.2	2.7	...	
Marshall	67.1	...	...	...	4.8	14.5	47.8	...	...	
Mobile	63.1	...	...	0.3	...	12.1	7.0	43.8	...	
Monroe	159.6	...	0.9	4.6	6.6	28.9	62.1	56.5	...	
Montgomery	79.0	...	...	1.7	2.2	12.2	16.2	46.6	...	
Morgan	99.5	...	...	...	4.8	6.9	64.5	23.3	...	
Perry	69.2	...	0.2	1.9	0.4	13.7	23.0	29.9	...	
Pickens	165.5	...	...	8.9	9.1	35.2	48.3	64.0	...	
Pike	31.4	...	...	...	0.6	2.2	22.6	6.1	...	
Randolph	57.6	...	...	0.4	1.5	9.7	46.1	...	...	
Russell	70.0	...	...	1.4	...	11.6	18.0	39.0	...	
St. Clair	84.0	...	...	0.8	2.2	15.3	55.2	10.5	...	
Shelby	70.3	...	0.9	4.3	5.9	13.0	29.3	16.9	...	
Sumter	139.6	...	...	6.0	7.9	19.1	47.6	52.8	6.2	
Talladega	50.1	...	3.2	...	0.6	6.4	39.3	...	0.6	
Tallapoosa	83.8	...	...	1.0	1.1	13.4	65.0	3.2	...	
Tuscaloosa	220.4	...	0.4	0.5	6.5	35.2	100.5	77.2	...	
Walker	104.9	...	...	1.7	13.1	12.7	77.4	...	...	
Washington	153.0	1.0	1.8	5.3	2.1	18.3	41.7	82.7	...	
Wilcox	97.8	...	...	3.2	10.4	12.8	33.9	37.5	...	
Winston	88.6	...	...	0.3	7.5	31.9	47.5	1.3	...	
All counties	5720.8	4.1	33.2	82.7	270.5	831.4	2706.6	1785.5	6.8	

Table 31 – *Volume of timber on timberland by county, class of timber and species group, Alabama Counties, 1990*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
-----Million cubic feet-----							
Autauga	263.6	139.3	116.3	0.4	7.6	...	...
Baldwin	731.6	387.6	283.5	2.4	52.2	0.5	5.4
Barbour	520.7	282.7	209.3	5.5	21.1	...	2.1
Bibb	359.7	176.1	154.1	2.5	22.1	...	5.0
Blount	224.2	71.2	142.3	0.1	7.3	...	3.3
Bullock	294.5	149.6	116.3	5.2	20.4	...	2.9
Butler	501.6	322.1	160.4	6.1	10.0	...	3.0
Calhoun	337.4	160.1	149.8	1.5	24.0	...	2.0
Chambers	246.7	136.8	97.4	2.1	10.2	...	0.3
Cherokee	172.7	66.8	89.4	3.3	10.8	...	2.3
Chilton	348.5	129.5	186.0	4.5	28.3	...	0.3
Choctaw	753.7	419.2	278.1	13.6	32.4	0.3	10.1
Clarke	1119.9	617.5	444.8	7.0	43.9	...	6.7
Clay	239.6	86.2	134.7	1.3	13.3	...	4.0
Cleburne	391.5	206.8	162.1	1.7	15.6	0.2	5.0
Coffee	191.9	86.8	82.9	5.4	9.5	0.3	7.0
Colbert	183.5	48.9	107.9	2.5	19.2	...	5.0
Conecuh	494.4	264.1	202.3	3.1	18.7	0.6	5.6
Coosa	271.8	113.7	143.3	0.5	12.3	0.3	1.7
Covington	431.4	264.5	147.2	0.8	18.4	...	0.4
Crenshaw	378.2	181.4	171.4	4.3	18.2	0.7	2.1
Cullman	299.2	135.8	149.4	3.8	4.9	...	5.3
Dale	309.6	120.6	161.3	5.1	18.6	0.4	3.7
Dallas	494.6	201.8	266.6	2.0	14.5	0.2	9.5
De Kalb	232.0	92.2	118.0	6.0	12.9	0.2	2.7
Elmore	228.1	66.1	145.8	1.3	10.2	...	4.7
Escambia	555.6	410.0	128.9	3.4	10.7	...	2.7
Etowah	257.5	102.9	126.3	1.7	21.2	...	5.3
Fayette	313.1	109.1	182.7	1.5	17.9	...	1.8
Franklin	269.5	67.0	182.9	1.4	14.5	...	3.7
Geneva	146.1	48.8	79.8	0.6	12.7	0.7	3.5
Greene	379.4	124.9	228.7	1.7	20.0	...	4.3
Hale	258.7	99.0	136.2	1.0	18.1	...	4.3
Henry	195.8	86.3	101.5	2.5	4.8	...	0.8
Houston	153.1	52.8	90.7	0.4	8.5	...	0.7
Jackson	486.8	58.3	380.1	2.3	33.6	0.1	12.4
Jefferson	423.0	185.3	189.5	8.9	27.0	0.6	11.7
Lamar	385.8	100.4	256.8	1.6	23.3	0.6	3.1
Lauderdale	184.2	32.1	132.7	0.7	14.9	...	3.8
Lawrence	243.6	67.9	160.6	2.5	11.2	...	1.4
Lee	224.9	99.4	119.6	...	4.6	...	1.2
Limestone	138.2	10.7	113.2	0.3	10.9	...	3.1
Lowndes	265.5	111.2	136.4	3.7	14.0	...	0.2
Macon	257.7	82.8	153.8	3.2	14.5	...	3.4
Madison	279.5	85.9	171.2	1.5	11.3	...	9.6
Marengo	443.5	213.4	203.4	4.0	17.5	0.7	4.6
Marion	312.1	111.0	178.1	1.4	17.9	...	3.7
Marshall	220.4	74.7	126.7	1.0	11.2	0.8	6.1
Mobile	448.3	262.9	153.3	0.4	29.4	...	2.4
Monroe	701.4	374.7	282.3	1.4	29.4	...	13.5
Montgomery	327.4	135.0	172.8	1.5	16.5	...	1.6
Morgan	275.0	69.3	193.5	1.7	8.7	0.1	1.8
Perry	296.0	145.2	133.0	0.8	13.6	...	3.4
Pickens	730.4	368.3	329.6	4.5	23.6	...	4.4
Pike	241.7	90.0	118.4	8.2	21.9	...	3.2
Randolph	240.8	83.4	137.0	2.7	17.1	...	0.6
Russell	236.6	80.7	148.1	0.4	4.4	...	3.0
St. Clair	312.6	116.9	179.3	0.9	12.0	0.3	3.2
Shelby	349.7	159.4	162.2	1.4	23.3	...	3.3
Sumter	525.4	232.7	260.5	7.2	20.1	...	4.9
Talladega	252.1	121.5	114.2	0.6	14.1	...	1.6
Tallapoosa	371.9	150.0	197.2	4.5	18.6	0.8	1.2
Tuscaloosa	835.8	353.7	433.8	1.6	39.9	...	6.8
Walker	405.4	169.9	214.3	0.3	15.1	...	5.7
Washington	784.5	412.8	328.8	3.7	34.2	0.8	4.3
Wilcox	564.0	326.2	214.4	2.4	13.1	...	8.0
Winston	422.7	187.7	201.0	1.7	30.0	...	2.4
All counties	24736.0	11101.5	11974.0	183.0	1202.0	8.6	266.9

Table 32—Number of live trees on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)											
		1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
-----Thousand trees-----													
Longleaf pine	193823	66742	46243	24521	18784	14522	11191	6988	3202	1146	369	115	...
Slash pine	250889	62935	77201	55205	29756	11786	6310	4079	2096	870	391	260	...
Shortleaf pine	394839	137423	110238	54933	38809	24425	15515	8511	3074	1333	400	179	...
Loblolly pine	2404359	1037191	648510	329593	187365	85840	50450	30377	17644	9316	4424	3514	135
Virginia pine	281241	148939	58421	30374	23392	11159	5786	2339	611	182	37	...	...
Spruce pine	20461	5597	3606	2611	2556	1719	1233	1034	688	615	396	403	3
Pitch pine	344	...	...	210	103	32	...	...	...	...	...	...	...
Other s. pines	18	...	...	...	...	...	...	...	18	...	...	...	...
E. white pine	321	...	...	77	...	84	70	36	41	12	...	...	...
Redcedar	140485	87727	31029	11550	6006	2522	938	355	220	48	52	37	...
Hemlock-spruce	5289	2837	786	558	395	273	279	115	...	22	10	15	...
Cypress	15712	4504	3488	2017	1425	1041	951	813	478	384	193	364	54
Total softwoods	3707782	1553895	979521	511650	308591	153404	92723	54648	28072	13927	6272	4888	192
Select white oaks	389049	201445	81514	39728	23266	15920	10308	6837	4644	2260	1463	1465	198
Select red oaks	66459	30689	10082	7894	4446	3686	3303	2039	1458	1252	642	805	164
Other white oaks	456043	242380	100837	40209	28741	17996	11124	6479	3666	1988	1163	1304	158
Other red oaks	1725930	1187438	256073	104030	65752	43403	26639	18123	10046	6225	3436	4067	697
Sweet pecan	3608	2785	553	...	117	124	...	16	...	...	...	5	7
Water hickory	8678	5208	1596	1086	330	...	100	162	101	34	19	38	5
Other hickories	746980	501227	113656	50350	32777	21288	12963	7197	4014	1821	931	722	35
Persimmon	162334	134128	19842	5484	1930	674	181	63	14	10	8	...	...
Hard maple	89295	68389	15094	2606	1485	768	565	196	95	89	...	9	...
Soft maple	889163	705358	120894	33983	13992	8010	2972	1695	1131	538	234	336	21
Boxelder	16818	11731	2587	944	564	371	308	149	75	49	29	9	...
Beech	62132	41590	10352	3547	2222	886	526	795	538	586	316	648	126
Sweetgum	1974540	1337484	367102	134629	66688	35953	15636	8782	4144	1982	1240	835	65
Blackgum	621336	460890	79633	37585	16962	12544	7125	3497	1628	666	390	401	15
Other gums/tupelos	103640	34968	21365	16424	9281	7705	5164	3977	2257	1305	557	587	51
White ash	85350	59858	15046	4832	1896	1636	678	453	439	221	155	131	5
Other ashes	95867	53046	22259	9318	3927	2663	1984	748	943	534	165	262	18
Sycamore	13301	4366	4472	1528	746	620	469	102	473	170	138	189	29
Cottonwood	2664	1543	524	...	120	113	117	86	78	39	10	27	6
Basswood	22995	15170	4112	1320	934	628	320	235	81	116	58	14	6
Yellow-poplar	291808	170715	54779	19932	14520	9383	7464	5341	4105	2452	1352	1568	198
Magnolia	62359	43685	11906	3187	1562	1090	445	252	75	39	52	58	8
Sweetbay	286124	193722	40700	21380	13273	7824	4548	2656	976	533	250	241	21
Willow	26803	16454	5568	2881	900	609	177	107	80	13	...	14	...
Black walnut	4361	1031	1812	625	401	231	111	45	63	24	17	...	...
Black cherry	249293	192849	39827	10684	3586	1427	567	188	67	32	38	23	4
American elm	49309	37313	5565	2849	1239	731	601	425	197	181	152	47	9
Other elms	239228	181507	38145	8972	5563	2258	1474	702	261	167	108	72	...
River birch	18908	8156	4863	2072	1246	980	564	423	298	144	94	68	...
Hackberry	56980	32809	8041	4739	3525	3041	1904	1268	808	422	199	218	8
Black locust	9197	5213	2066	821	601	303	111	36	46	...	...	...	...
Other locusts	3666	551	2352	379	175	35	116	40	17	...	...	...	...
Sassafras	119633	98060	17308	3144	794	240	58	...	...	28	...	...	...
Dogwood	1092730	862555	193856	31226	4565	471	57	...	...	...	...	...	...
Holly	130472	104650	19360	4379	1200	792	28	48	...	14	...	...	...
Other commercial	66052	43074	14452	4819	2381	849	193	138	79	36	32	...	...
Total hardwoods	10243105	7092034	1708191	617586	331709	205251	118903	73302	42896	23969	13247	14163	1853
Noncommercial	1250168	957686	191034	63908	24116	9088	2546	1112	436	99	48	67	27
All species	15201054	9603615	2878746	1193144	664416	367743	214172	129062	71405	37995	19567	19118	2072

Table 33—Number of growing-stock trees on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)									
		5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Thousand trees -----											
Longleaf pine	79398	23600	18632	14279	11118	6971	3169	1146	369	115	...
Slash pine	107707	53069	29247	11619	6189	4018	2064	870	370	260	...
Shortleaf pine	142049	51253	38059	23935	15325	8511	3074	1321	400	172	...
Loblolly pine	695633	316488	182350	83290	49425	29920	17356	9058	4300	3336	112
Virginia pine	68890	27082	22873	10298	5626	2258	561	157	37	...	...
Spruce pine	10534	2293	2422	1597	1177	1013	657	590	386	395	3
Pitch pine	239	105	103	32	...	...	...	...	...	...	...
Other s. pines	18	...	...	...	...	...	18	...	...	...	...
E. white pine	281	77	...	44	70	36	41	12	...	...	...
Redcedar	18982	10446	5400	1851	762	262	172	36	21	32	...
Hemlock-spruce	1528	446	395	273	252	115	...	22	10	15	...
Cypress	7350	1884	1344	959	926	813	464	384	193	335	48
Total softwoods	1132610	486743	300824	148176	90870	53916	27574	13596	6087	4661	163
Select white oaks	97497	35995	21539	15344	9417	6317	4315	1929	1289	1200	150
Select red oaks	23272	6821	4287	3535	2963	1870	1318	1079	594	676	129
Other white oaks	96798	33775	25889	16714	8783	5480	2901	1506	890	778	82
Other red oaks	251822	90032	61092	40710	22849	16322	8941	5462	2844	3192	377
Sweet pecan	267	...	117	124	...	16	...	...	...	5	5
Water hickory	1792	1086	275	...	78	162	101	34	19	32	5
Other hickories	117305	42254	30631	19908	11419	6360	3738	1574	818	589	14
Persimmon	6461	4169	1457	634	131	46	14	10	...	...	...
Hard maple	5205	2606	1230	685	389	153	95	38	...	9	...
Soft maple	45126	25559	10128	5515	1686	1056	622	222	171	159	9
Boxelder	1437	944	150	144	55	108	16	...	20	...	...
Beech	7928	3048	2128	657	325	519	406	330	176	298	39
Sweetgum	243414	116806	62166	34380	14266	8297	3802	1805	1112	729	50
Blackgum	65474	27254	15299	11652	5915	2830	1410	521	303	285	4
Other gums/tupelos	41085	13110	8881	7390	3741	3505	2151	1262	503	514	28
White ash	8397	3588	1758	1414	536	378	360	207	88	69	...
Other ashes	16556	6984	3361	2313	1622	690	733	477	146	223	8
Sycamore	3846	1237	627	538	390	102	473	144	128	183	23
Cottonwood	583	...	120	113	117	86	65	39	10	27	6
Basswood	3211	1095	816	565	292	215	81	79	48	14	6
Yellow-poplar	62884	18979	13811	8741	7115	5218	3958	2291	1259	1404	109
Magnolia	5069	2241	1192	1011	229	231	62	39	20	44	...
Sweetbay	41771	17727	11469	6278	3069	1932	640	436	100	116	4
Willow	3573	2206	738	383	76	107	49	13	...	...	...
Black walnut	1165	519	299	152	86	45	31	24	8	...	...
Black cherry	11374	6719	2804	1193	435	147	34	19	18	...	4
American elm	5311	2405	957	639	503	318	166	169	111	39	5
Other elms	15958	7166	4659	2011	1104	582	171	146	69	51	...
River birch	5578	2072	1193	944	511	385	252	107	68	45	...
Hackberry	13981	4153	3285	2626	1509	1058	653	375	155	165	4
Black locust	1536	821	358	194	82	36	46	...	...	...	...
Other locusts	511	187	175	35	57	40	17	...	...	...	...
Sassafras	2905	2057	616	204	...	...	...	28	...	...	...
Dogwood	15094	12989	2105	...	...	...	...	...	...	...	...
Holly	4834	3395	772	639	28	...	...	...	...	...	...
Other commercial	4629	2699	1264	354	130	101	47	24	11	...	...
Total hardwoods	1233654	502696	297653	187736	99911	64712	37669	20390	10981	10846	1060
All species	2366264	989439	598477	335912	190781	118628	65243	33986	17068	15506	1224

Table 34—*Volume of growing stock on timberland by detailed species and diameter class, Alabama Counties, 1990*

Species	All classes	Diameter class (inches at breast height)									
		5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Million cubic feet -----											
Longleaf pine	1058.1	71.2	131.4	194.4	232.5	207.5	129.4	58.4	23.5	9.7	...
Slash pine	894.7	135.7	178.2	144.3	128.9	120.1	87.8	47.3	26.1	26.5	...
Shortleaf pine	1621.0	149.1	275.2	327.5	335.4	278.9	135.4	73.7	28.7	17.1	...
Loblolly pine	6454.5	701.1	1046.8	996.8	967.2	875.3	715.7	498.6	304.0	329.7	19.3
Virginia pine	569.1	86.0	158.8	129.9	103.7	61.1	20.3	6.8	2.3	...	...
Spruce pine	235.3	7.2	16.8	20.4	23.8	31.9	27.1	35.0	29.8	42.6	0.8
Pitch pine	1.0	0.2	0.5	0.3	...	...	...	...	...	...	...
Other s. pines	0.4	...	...	...	...	...	0.4	...	...	...	...
E. white pine	3.8	0.3	...	0.3	1.0	0.7	1.1	0.4	...	...	...
Redcedar	86.8	22.4	25.1	17.0	9.9	4.8	4.5	1.2	0.6	1.4	...
Hemlock-spruce	16.6	1.5	2.3	2.8	4.6	2.5	...	0.6	0.7	1.5	...
Cypress	160.0	4.1	8.9	12.8	19.0	21.3	16.9	19.6	12.8	33.1	11.4
Total softwoods	11101.5	1179.0	1843.9	1846.5	1826.0	1604.2	1138.6	741.7	428.5	461.6	31.5
Select white oaks	1109.1	87.3	132.4	165.4	166.6	156.3	145.8	81.2	67.0	88.9	18.1
Select red oaks	379.2	15.3	26.1	39.4	53.8	46.5	44.6	49.3	33.5	52.1	18.6
Other white oaks	875.1	78.8	142.9	159.1	138.3	116.9	86.4	55.2	40.1	48.1	9.4
Other red oaks	2722.8	222.0	355.2	427.2	389.3	388.4	285.5	230.5	148.7	229.6	46.4
Sweet pecan	2.7	...	0.4	1.2	...	0.3	...	...	...	0.3	0.5
Water hickory	22.6	3.2	2.0	...	1.6	4.9	4.2	1.9	1.3	3.2	0.3
Other hickories	1112.7	95.7	163.9	200.7	194.3	159.7	128.2	72.3	47.5	48.5	1.8
Persimmon	30.4	10.4	8.1	6.9	2.5	1.3	0.6	0.6	...	...	...
Hard maple	34.8	5.8	6.9	7.1	6.3	3.5	2.7	2.1	...	0.4	...
Soft maple	268.5	67.8	56.4	54.2	26.1	20.8	17.3	8.0	7.5	9.4	1.0
Boxelder	8.5	2.4	1.0	1.6	0.8	1.8	0.3	...	0.7	...	...
Beech	102.6	7.5	11.3	7.4	5.6	12.9	12.4	12.6	8.7	20.3	3.7
Sweetgum	1934.2	272.1	367.8	402.8	285.1	230.3	146.8	92.0	68.7	62.3	6.3
Blackgum	530.4	64.0	86.5	123.1	98.2	66.4	43.0	18.6	14.6	15.8	0.2
Other gums/tupelos	508.7	37.4	54.5	87.7	68.9	85.2	67.0	50.0	23.6	31.7	2.6
White ash	77.4	7.7	9.5	13.9	8.9	8.5	11.9	8.5	4.0	4.4	...
Other ashes	182.9	18.2	20.6	25.4	29.7	17.4	24.7	21.9	8.1	16.1	0.8
Sycamore	78.5	3.6	4.2	7.4	8.7	2.6	18.9	7.2	8.0	14.8	3.0
Cottonwood	15.1	...	0.8	1.2	2.0	1.9	2.5	2.0	0.5	2.9	1.2
Basswood	37.7	3.2	5.1	6.4	5.6	5.6	3.3	3.5	3.2	1.1	0.7
Yellow-poplar	1009.6	51.6	88.7	104.8	140.6	149.4	147.5	112.2	77.6	121.5	15.6
Magnolia	38.6	5.8	6.6	9.9	4.0	5.4	2.2	1.0	1.3	2.4	...
Sweetbay	326.9	49.1	67.7	66.0	51.7	45.5	18.4	16.5	4.3	7.5	0.4
Willow	16.3	5.2	3.6	3.1	1.2	1.9	1.2	0.1	...	...	...
Black walnut	7.5	1.0	1.3	1.0	0.8	1.0	0.7	0.9	0.8	...	...
Black cherry	56.5	16.5	14.7	11.5	7.5	3.5	0.9	0.5	0.8	...	0.6
American elm	55.5	5.9	6.2	7.3	8.2	7.7	4.8	6.0	6.5	2.7	0.3
Other elms	117.1	16.4	25.2	22.3	20.5	14.5	4.8	6.0	3.6	3.8	...
River birch	58.5	7.2	6.8	9.1	8.2	8.9	7.9	4.0	2.9	3.6	...
Hackberry	163.7	10.6	19.2	27.3	26.7	24.8	20.9	15.2	7.9	10.4	0.5
Black locust	8.0	1.7	1.4	1.7	1.2	0.6	1.5	...	...	...	...
Other locusts	4.3	0.6	1.6	0.3	0.9	0.6	0.3	...	...	...	...
Sassafras	8.8	3.8	2.2	1.7	...	...	...	1.2	...	...	...
Dogwood	29.5	23.1	6.4	...	...	...	...	...	...	...	...
Holly	17.7	7.6	3.8	5.7	0.5	...	...	...	...	...	...
Other commercial	21.6	6.2	6.2	2.4	1.8	2.3	1.2	1.0	0.5	...	...
Total hardwoods	11974.0	1214.6	1717.4	2012.3	1766.2	1597.1	1258.5	882.1	592.0	801.8	132.1
All species	23075.5	2393.6	3561.3	3858.8	3592.2	3201.3	2397.1	1623.8	1020.5	1263.4	163.6

Table 35—*Volume of growing stock in the sawlog portion of sawtimber trees on timberland by detailed species and diameter class, Alabama Counties, 1990*

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----									
Longleaf pine	757.9	156.9	205.7	190.2	119.9	54.6	21.5	9.0	...
Slash pine	512.3	110.8	114.0	110.3	82.0	44.8	25.0	25.4	...
Shortleaf pine	1041.7	263.5	296.4	251.8	122.1	66.6	25.6	15.6	...
Loblolly pine	4132.8	780.6	849.1	795.6	655.2	455.8	276.0	303.6	16.9
Virginia pine	272.9	102.9	89.2	53.9	18.5	6.3	2.1	...	...
Spruce pine	187.5	15.8	20.5	29.3	24.0	31.6	26.6	38.9	0.8
Pitch pine	0.2	0.2	...	...	...	...	...	...	...
Other s. pines	0.3	...	...	...	0.3	...	...	...	...
E. white pine	3.2	0.3	0.8	0.7	1.0	0.4	...	...	...
Redcedar	33.2	13.6	8.7	4.2	3.8	1.1	0.5	1.3	...
Hemlock-spruce	10.7	2.1	4.0	2.2	...	0.5	0.7	1.2	...
Cypress	130.4	9.4	16.1	18.3	15.1	18.2	12.0	30.4	10.9
Total softwoods	7083.1	1456.1	1604.4	1456.6	1041.9	679.8	390.0	425.5	28.6
Select white oaks	586.0	...	122.4	126.3	120.2	68.5	56.3	76.6	15.6
Select red oaks	250.6	...	39.3	38.8	38.5	42.5	28.4	45.6	17.5
Other white oaks	398.6	...	103.4	95.4	71.8	46.4	33.8	40.1	7.8
Other red oaks	1406.1	...	284.0	316.3	242.4	196.4	127.9	197.3	41.8
Sweet pecan	1.0	...	...	0.3	...	...	...	0.2	0.4
Water hickory	15.0	...	1.2	4.1	3.8	1.6	1.2	2.9	0.2
Other hickories	526.2	...	143.3	130.6	107.6	60.8	40.5	41.9	1.6
Persimmon	4.1	...	1.9	1.1	0.5	0.6	...	...	...
Hard maple	11.6	...	4.8	2.8	2.1	1.7	...	0.3	...
Soft maple	70.4	...	18.2	16.4	14.3	6.6	6.2	7.8	0.9
Boxelder	3.0	...	0.6	1.5	0.3	...	0.6	...	...
Beech	63.3	...	4.2	10.9	10.1	11.1	6.8	16.9	3.3
Sweetgum	713.2	...	198.2	185.1	127.2	81.0	60.5	55.5	5.7
Blackgum	205.4	...	70.7	53.8	37.6	16.5	12.6	14.1	0.1
Other gums/tupelos	266.7	...	48.2	66.0	56.3	44.2	20.8	28.8	2.4
White ash	36.9	...	6.1	7.1	10.1	7.0	3.1	3.6	...
Other ashes	99.0	...	21.1	13.9	21.8	18.9	7.4	15.1	0.8
Sycamore	54.7	...	6.2	2.0	16.3	6.4	7.2	13.7	2.8
Cottonwood	11.2	...	1.4	1.5	2.3	1.7	0.4	2.6	1.2
Basswood	18.4	...	4.2	4.6	2.4	2.7	2.8	1.0	0.6
Yellow-poplar	639.9	...	98.3	123.7	127.9	98.2	69.0	108.6	14.2
Magnolia	13.1	...	2.9	4.1	2.0	0.9	0.9	2.3	...
Sweetbay	114.4	...	37.0	37.0	15.9	13.7	3.8	6.6	0.4
Willow	3.4	...	0.8	1.4	1.0	0.1	...	...	...
Black walnut	3.4	...	0.6	0.7	0.6	0.7	0.7	...	...
Black cherry	10.8	...	5.7	2.8	0.7	0.4	0.7	...	0.6
American elm	28.3	...	5.8	6.0	4.0	4.7	5.1	2.3	0.3
Other elms	42.2	...	15.4	11.5	4.0	4.8	3.2	3.3	...
River birch	28.9	...	5.9	7.5	6.4	3.5	2.4	3.1	...
Hackberry	84.5	...	18.8	19.0	16.7	13.3	6.8	9.3	0.5
Black locust	2.5	...	0.8	0.5	1.2	...	...	...	...
Other locusts	1.2	...	0.6	0.4	0.2	...	...	...	...
Sassafras	0.8	...	...	...	...	0.8	...	...	...
Holly	0.4	...	0.4	...	...	...	...	...	...
Other commercial	5.7	...	1.4	1.9	1.1	0.8	0.5	...	...
Total hardwoods	5720.8	...	1273.8	1295.1	1067.3	756.8	509.6	699.4	118.8
All species	12803.9	1456.1	2878.2	2751.7	2109.3	1436.6	899.7	1124.9	147.4

Table 36—*Volume of timber on timberland by detailed species and class of timber, Alabama Counties, 1990*

Species	All live	Growing stock	Rough	Rotten
-----Million cubic feet-----				
Longleaf pine	1064.1	1058.1	6.0	...
Slash pine	908.7	894.7	13.3	0.7
Shortleaf pine	1642.2	1621.0	20.1	1.0
Loblolly pine	6561.3	6454.5	103.7	3.1
Virginia pine	591.3	569.1	21.8	0.4
Spruce pine	240.3	235.3	4.0	0.9
Pitch pine	1.0	1.0	0.1	...
Other s. pines	0.4	0.4	...	...
E. white pine	4.2	3.8	0.3	...
Redcedar	98.1	86.8	9.9	1.4
Hemlock-spruce	17.2	16.6	0.5	...
Cypress	164.4	160.0	3.2	1.1
Total softwoods	11293.1	11101.5	183.0	8.6
Select white oaks	1170.6	1109.1	44.2	17.3
Select red oaks	403.9	379.2	14.2	10.6
Other white oaks	988.2	875.1	90.0	23.0
Other red oaks	2952.1	2722.8	177.4	51.9
Sweet pecan	2.8	2.7	0.1	...
Water hickory	23.7	22.6	1.1	...
Other hickories	1187.6	1112.7	60.0	14.9
Persimmon	35.1	30.4	4.4	0.3
Hard maple	39.5	34.8	3.4	1.2
Soft maple	356.0	268.5	72.1	15.4
Boxelder	15.9	8.5	5.2	2.2
Beech	147.1	102.6	18.7	25.8
Sweetgum	2034.6	1934.2	79.0	21.4
Blackgum	591.2	530.4	47.9	12.9
Other gums/tupelos	550.8	508.7	36.7	5.4
White ash	88.9	77.4	8.7	2.8
Other ashes	206.2	182.9	17.4	6.0
Sycamore	83.0	78.5	3.0	1.5
Cottonwood	15.5	15.1	...	0.3
Basswood	41.5	37.7	3.2	0.6
Yellow-poplar	1056.3	1009.6	23.5	23.2
Magnolia	46.9	38.6	5.2	3.2
Sweetbay	390.9	326.9	47.7	16.2
Willow	21.1	16.3	4.6	0.2
Black walnut	9.1	7.5	1.2	0.4
Black cherry	69.2	56.5	11.9	0.8
American elm	62.5	55.5	6.2	0.8
Other elms	135.3	117.1	16.9	1.4
River birch	63.2	58.5	3.7	1.0
Hackberry	185.1	163.7	18.0	3.3
Black locust	9.3	8.0	0.5	0.8
Other locusts	5.3	4.3	0.8	0.2
Sassafras	11.4	8.8	2.3	0.2
Dogwood	58.6	29.5	28.3	0.7
Holly	22.8	17.7	5.1	...
Other commercial	30.8	21.6	8.3	0.9
Total hardwoods	13111.9	11974.0	871.1	266.9
Noncommercial	331.0	...	331.0	...
All species	24736.0	23075.5	1385.1	275.5

Table 37 – Volume of sawtimber for tree grade 1 on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Million board feet -----									
Longleaf pine	848.1	126.5	228.6	239.5	149.4	67.5	17.5	19.0	...
Slash pine	1285.3	158.0	257.6	308.2	247.7	138.3	91.5	83.8	...
Shortleaf pine	1771.3	315.0	408.3	515.1	259.0	165.2	62.2	46.5	...
Loblolly pine	5432.8	337.1	646.5	939.2	984.9	979.1	637.3	863.2	45.5
Virginia pine	40.8	7.5	7.8	9.9	9.8	2.5	3.2	...	...
Spruce pine	153.9	8.7	1.8	...	11.6	35.0	50.0	46.7	...
Redcedar	167.1	66.8	44.1	20.6	20.7	6.1	2.4	6.4	...
Hemlock-spruce	26.1	6.0	5.2	5.3	...	2.0	...	7.5	...
Cypress	404.0	17.9	41.5	50.3	36.3	58.0	47.9	138.2	13.9
Total softwoods	10129.3	1043.6	1641.4	2088.2	1719.5	1453.8	912.0	1211.3	59.4
Select white oaks	392.2	...	...	...	50.8	60.1	100.7	155.5	25.1
Select red oaks	269.8	...	...	...	20.3	58.1	36.9	105.9	48.6
Other white oaks	136.5	...	...	...	19.3	28.0	23.4	62.4	3.3
Other red oaks	435.7	...	...	...	26.5	108.0	101.5	143.9	55.8
Water hickory	16.6	...	...	...	3.4	3.2	4.9	5.0	...
Other hickories	162.2	...	...	...	27.1	52.1	51.9	31.1	...
Soft maple	15.7	...	...	...	...	4.2	5.8	5.7	...
Boxelder	3.0	...	...	...	...	...	3.0	...	...
Beech	4.3	...	...	...	4.3	...	...	...	...
Sweetgum	405.7	...	...	...	70.0	129.3	72.5	124.0	9.9
Blackgum	98.5	...	...	...	17.3	28.3	31.0	21.9	...
Other gums/tupelos	225.8	...	...	...	48.3	76.7	46.3	52.6	1.9
White ash	42.6	...	...	...	9.0	20.5	4.2	8.9	...
Other ashes	101.4	...	...	...	12.6	37.1	16.7	35.0	...
Sycamore	77.3	...	...	...	10.5	17.0	20.0	27.8	2.0
Cottonwood	22.3	...	...	...	...	8.1	...	14.1	...
Basswood	6.0	...	...	...	...	2.3	3.7	...	...
Yellow-poplar	473.7	...	...	...	43.5	104.0	85.4	233.7	7.2
Sweetbay	27.9	...	...	...	8.0	6.2	4.3	9.4	...
American elm	23.6	...	...	...	2.5	5.4	8.6	7.2	...
Other elms	19.8	...	...	...	2.5	3.8	8.1	5.4	...
River birch	1.3	...	...	...	1.3	...	...	...	...
Hackberry	39.9	...	...	...	16.9	14.0	2.9	6.0	...
Total hardwoods	3001.6	...	...	...	394.1	766.6	631.6	1055.5	153.7
All species	13130.9	1043.6	1641.4	2088.2	2113.5	2220.4	1543.7	2266.9	213.2

Table 38—Volume of sawtimber for tree grade 2 on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Million board feet -----									
Longleaf pine	860.8	118.9	189.2	281.4	165.6	68.0	32.6	5.2	...
Slash pine	422.9	67.8	88.4	102.2	85.6	33.4	15.6	29.9	...
Shortleaf pine	1414.9	263.7	414.8	371.0	212.0	126.2	21.3	5.7	...
Loblolly pine	4985.1	540.1	859.5	1084.0	1007.5	578.6	411.6	478.0	25.8
Virginia pine	99.8	19.4	35.2	33.8	6.9	...	4.4	...	...
Spruce pine	225.9	4.3	14.6	27.7	14.9	53.7	46.7	64.1	...
Pitch pine	1.0	1.0	...	...	...	...	...	...	...
Hemlock-spruce	4.3	...	...	...	...	...	4.3	...	...
Cypress	140.3	6.8	23.7	19.7	27.3	16.8	14.4	31.5	...
Total softwoods	8154.9	1022.0	1625.4	1919.8	1519.8	876.6	551.0	614.5	25.8
Select white oaks	797.1	...	...	167.6	250.9	130.9	93.1	135.9	18.7
Select red oaks	343.5	...	...	35.9	76.3	86.2	67.2	57.0	20.9
Other white oaks	345.7	...	...	71.3	99.9	75.7	44.7	46.1	8.0
Other red oaks	1123.2	...	...	185.7	244.8	258.4	139.6	242.7	52.0
Water hickory	19.0	...	...	3.9	11.3	...	...	3.8	...
Other hickories	581.5	...	...	177.6	168.1	111.2	58.6	66.0	...
Hard maple	5.6	...	...	...	...	5.6	...	...	...
Soft maple	18.9	...	...	6.5	9.4	...	3.0	...	...
Boxelder	1.9	...	...	...	1.9	...	...	...	...
Beech	18.4	...	...	...	...	5.0	4.0	6.3	3.2
Sweetgum	876.3	...	...	345.3	242.3	125.5	97.2	55.9	10.1
Blackgum	225.5	...	...	111.0	69.7	19.6	17.5	7.7	...
Other gums/tupelos	417.8	...	...	162.4	92.4	86.1	29.1	47.7	...
White ash	59.4	...	...	10.1	18.3	12.7	4.6	13.7	...
Other ashes	141.5	...	...	30.4	53.2	28.3	12.9	16.7	...
Sycamore	77.4	...	...	4.2	42.3	5.3	6.1	9.2	10.4
Cottonwood	21.7	...	...	2.2	13.8	2.7	...	3.0	...
Basswood	28.7	...	...	7.7	8.3	5.2	3.9	3.5	...
Yellow-poplar	676.6	...	...	166.4	173.6	121.5	86.0	110.3	18.7
Magnolia	7.4	...	...	3.0	3.3	1.2	...	...	...
Sweetbay	71.7	...	...	46.0	14.2	8.8	2.7	...	...
Black walnut	2.3	...	...	2.3	...	...	...	...	...
Black cherry	7.8	...	...	5.6	...	...	2.2	...	...
American elm	33.8	...	...	6.7	8.2	5.8	10.4	2.7	...
Other elms	34.4	...	...	18.3	5.6	6.4	...	4.0	...
River birch	37.7	...	...	12.0	12.7	10.7	2.3	...	...
Hackberry	66.0	...	...	24.4	11.8	14.6	6.3	8.9	...
Other commercial	4.1	...	...	1.4	2.7	...	...	...	...
Total hardwoods	6045.0	...	...	1608.1	1634.9	1127.6	691.3	841.1	142.0
All species	14199.9	1022.0	1625.4	3527.9	3154.7	2004.2	1242.2	1455.6	167.9

Table 39—Volume of sawtimber for tree grade 3 on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
----- Million board feet -----									
Longleaf pine	2774.7	612.3	780.8	638.9	437.7	195.5	81.7	27.9	...
Slash pine	1220.2	348.3	296.4	246.1	160.2	92.3	40.5	36.4	...
Shortleaf pine	3145.5	884.4	961.0	708.2	313.8	147.7	83.7	46.7	...
Loblolly pine	14002.4	3214.5	3317.1	2725.3	2033.6	1294.9	734.0	649.5	33.5
Virginia pine	1342.6	521.1	444.2	247.8	89.2	35.0	5.3	...	...
Spruce pine	779.2	71.8	97.1	148.5	120.3	113.4	73.0	150.1	5.0
Other s. pines	1.4	...	...	...	1.4	...	...	...	...
E. white pine	16.0	1.3	4.1	3.3	5.1	2.1	...	...	...
Hemlock-spruce	21.4	3.2	11.7	5.9	...	0.6	...	...	...
Cypress	160.7	22.4	17.3	26.7	19.1	26.3	5.9	4.0	39.0
Total softwoods	23464.1	5679.2	5929.8	4750.7	3180.5	1907.7	1024.1	914.6	77.4
Select white oaks	1508.2	...	495.2	363.4	283.5	157.9	72.5	117.6	18.2
Select red oaks	532.4	...	154.8	98.9	79.6	66.2	43.6	74.5	14.8
Other white oaks	1115.1	...	370.8	292.5	171.9	105.2	69.3	75.3	30.1
Other red oaks	2825.6	...	651.0	707.0	489.9	372.8	240.4	328.6	35.9
Water hickory	36.0	...	7.4	15.7	5.3	4.2	...	3.5	...
Other hickories	1556.5	...	525.4	382.0	312.8	161.4	84.8	90.2	...
Persimmon	14.2	...	7.1	7.0	...	...	...	...	...
Hard maple	32.4	...	15.9	7.2	4.0	5.2	...	...	...
Soft maple	144.3	...	46.6	27.3	21.8	22.9	9.0	13.8	2.9
Boxelder	4.6	...	...	4.6	...	...	...	...	...
Beech	155.7	...	18.4	26.2	20.3	21.4	21.5	40.0	8.0
Sweetgum	1883.1	...	819.9	455.3	244.2	128.0	120.1	115.7	...
Blackgum	583.1	...	318.1	134.7	80.2	17.6	13.5	18.4	0.7
Other gums/tupelos	593.5	...	219.0	152.2	121.3	56.3	15.9	25.4	3.4
White ash	92.7	...	28.2	28.2	22.0	5.2	7.1	2.0	...
Other ashes	217.9	...	93.9	39.4	39.1	18.4	6.3	20.8	...
Sycamore	85.3	...	31.1	4.7	19.5	3.4	6.2	17.4	3.0
Cottonwood	11.0	...	4.0	4.3	...	...	2.6	...	...
Basswood	53.1	...	16.9	17.6	3.2	4.7	10.8	...	...
Yellow-poplar	1340.3	...	337.4	273.8	255.5	187.4	115.3	151.3	19.6
Magnolia	39.4	...	10.2	14.7	5.9	2.4	...	6.2	...
Sweetbay	227.9	...	92.8	69.7	31.3	15.5	4.8	11.1	2.7
Willow	10.4	...	4.6	3.9	1.2	0.7	...	...	...
Black walnut	17.9	...	2.5	1.6	2.7	5.0	6.0	...	...
Black cherry	26.5	...	19.0	4.4	3.1	...	...	...	...
American elm	58.3	...	23.6	14.3	8.3	7.9	4.3	...	...
Other elms	111.7	...	62.7	24.6	9.1	6.9	3.3	5.1	...
River birch	97.5	...	26.8	22.7	16.4	6.3	8.4	16.8	...
Hackberry	215.4	...	64.7	58.2	41.1	25.1	13.2	13.1	...
Black locust	8.9	...	2.4	1.4	5.1	...	...	...	...
Other locusts	5.1	...	1.6	2.3	1.2	...	...	...	...
Sassafras	3.1	...	...	...	...	3.1	...	...	...
Holly	2.3	...	2.3	...	...	...	...	...	...
Other commercial	14.5	...	3.3	9.3	2.0	...	...	...	...
Total hardwoods	13623.9	...	4477.7	3269.1	2301.5	1410.9	878.9	1146.6	139.2
All species	37087.9	5679.2	10407.4	8019.8	5482.0	3318.6	1903.0	2061.2	216.6

Table 40—Volume of sawtimber for tree grade 4 on timberland by detailed species and diameter class, Alabama Counties, 1990

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
-----Million board feet-----									
Select white oaks	558.2	...	150.1	160.2	105.2	36.3	58.9	46.3	1.2
Select red oaks	251.4	...	57.8	75.6	41.0	35.9	21.7	15.1	4.3
Other white oaks	549.4	...	158.4	141.4	111.9	54.5	40.1	36.7	6.4
Other red oaks	2944.6	...	723.1	749.7	506.9	359.2	216.8	335.2	53.5
Sweet pecan	1.7	...	...	1.7	...	...	...	...	...
Water hickory	8.6	...	...	2.0	...	...	...	6.6	...
Other hickories	663.3	...	235.6	168.9	126.1	44.9	40.6	44.3	2.8
Persimmon	9.4	...	2.9	...	3.0	3.5	...	...	...
Hard maple	23.2	...	6.7	7.7	8.8	...	...	...	...
Soft maple	145.7	...	38.8	34.1	39.6	4.8	12.3	16.1	...
Boxelder	7.1	...	3.4	3.7	...	...	...	...	...
Beech	158.1	...	5.3	31.8	33.2	32.4	10.9	40.7	3.8
Sweetgum	684.9	...	230.7	198.0	139.7	59.0	36.9	20.6	...
Blackgum	149.4	...	50.5	42.6	22.3	13.4	11.2	9.4	...
Other gums/tupelos	65.1	...	14.9	16.4	16.3	6.4	2.4	8.7	...
White ash	17.4	...	1.5	...	11.5	2.5	1.9	...	...
Other ashes	41.2	...	11.6	6.7	5.7	10.7	2.3	4.2	...
Sycamore	46.3	...	...	2.3	11.8	6.7	2.5	23.0	...
Cottonwood	12.2	...	3.7	...	...	...	...	...	8.5
Basswood	9.3	...	5.0	...	1.9	2.4	...	...	...
Yellow-poplar	963.4	...	192.9	251.9	217.7	121.9	97.5	81.4	...
Magnolia	21.1	...	5.8	4.0	2.4	1.3	3.9	3.7	...
Sweetbay	200.1	...	82.5	59.3	19.7	28.5	3.8	6.2	...
Willow	7.9	...	...	3.1	4.9	...	...	...	...
Black walnut	1.8	...	0.8	...	1.0	...	...	...	...
Black cherry	13.2	...	8.7	4.5	...	...	...	...	...
American elm	35.4	...	6.8	10.8	5.1	4.6	3.8	4.4	...
Other elms	62.2	...	21.8	22.5	2.2	10.4	2.3	3.1	...
River birch	13.9	...	2.0	5.2	2.3	2.6	...	1.8	...
Hackberry	114.5	...	29.3	14.4	18.8	16.7	15.2	20.2	...
Black locust	2.0	...	...	...	2.0	...	...	...	...
Other commercial	6.5	...	4.1	...	...	2.4	...	...	...
Total hardwoods	7788.6	...	2054.8	2018.6	1461.0	861.0	584.9	727.9	80.5
All species	7788.6	...	2054.8	2018.6	1461.0	861.0	584.9	727.9	80.5

Table 41—Volume of sawtimber on timberland by species and ownership class, Alabama Counties, 1990

Species	All ownerships	National forest	Other public	Forest industry	Forest industry-leased	Other private
-----Million board feet-----						
Yellow pines	41849.9	2602.0	1250.8	10249.6	1738.3	26009.2
Cypress	721.4	6.2	1.9	155.2	9.0	549.1
Redcedar	169.1	13.7	...	18.5	1.2	135.8
Other softwoods	73.7	18.0	...	27.4	...	28.3
Total softwoods	42814.1	2639.9	1252.7	10450.7	1748.4	26722.3
Select white-red oaks	4977.5	297.3	329.0	579.7	85.2	3686.3
Other white-red oaks	10535.2	353.8	462.5	1685.5	278.6	7754.8
Hickory	3260.3	119.0	143.4	383.0	91.9	2523.0
Hard maple	69.0	1.0	8.7	1.8	2.4	55.1
Sweetgum	4179.9	75.1	186.2	791.3	170.9	2956.5
Tupelo and blackgum	2504.0	54.4	25.3	650.0	51.7	1722.7
Ash-walnut-black cherry	873.6	10.0	40.3	183.9	14.4	624.9
Yellow-poplar	3798.6	164.5	135.9	459.3	84.2	2954.7
Other hardwoods	3163.4	25.7	143.6	690.5	125.1	2178.5
Total hardwoods	33361.6	1100.9	1474.8	5424.9	904.4	24456.5
All species	76175.6	3740.8	2727.5	15875.6	2652.8	51178.9

Table 42—Average net annual growth, average annual removals, and average annual mortality of live trees¹ by county and species group, Alabama Counties, 1990

County	Growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
Autauga	11.1	7.7	3.4	13.4	11.4	2.0	2.7	1.1	1.6
Baldwin	32.0	20.7	11.3	26.2	22.2	4.0	8.7	2.9	5.9
Barbour	25.2	15.7	9.5	25.9	18.2	7.7	4.2	1.7	2.5
Bibb	16.9	10.1	6.8	18.8	13.2	5.6	4.1	1.5	2.5
Blount	11.2	3.7	7.5	5.2	3.6	1.5	2.0	1.4	0.6
Bullock	18.8	12.3	6.5	15.2	12.1	3.1	3.4	1.5	2.0
Butler	27.6	20.8	6.8	21.9	16.1	5.8	3.6	1.9	1.7
Calhoun	9.7	4.0	5.7	6.5	4.3	2.2	4.0	2.2	1.8
Chambers	20.2	13.4	6.9	22.5	15.6	7.0	4.3	3.3	1.0
Cherokee	7.3	3.7	3.6	6.3	4.9	1.4	1.8	1.0	0.9
Chilton	13.6	5.0	8.7	12.1	7.2	4.9	4.3	2.9	1.5
Choctaw	40.7	26.9	13.8	31.1	19.8	11.3	4.2	2.2	1.9
Clarke	50.8	28.4	22.5	36.5	21.2	15.3	9.4	5.2	4.2
Clay	12.4	5.7	6.8	15.0	10.0	5.0	2.3	1.0	1.3
Cleburne	17.5	9.2	8.3	10.3	6.8	3.5	3.2	2.1	1.1
Coffee	14.8	8.9	5.9	21.0	10.7	10.2	4.0	0.9	3.0
Colbert	9.3	3.3	6.0	3.8	0.7	3.1	1.8	1.0	0.8
Conecuh	24.9	17.5	7.4	15.5	5.5	10.0	5.7	2.6	3.1
Coosa	15.0	8.4	6.6	16.1	10.0	6.1	3.4	2.2	1.2
Covington	22.4	15.2	7.1	21.4	17.2	4.1	2.7	1.1	1.7
Crenshaw	21.8	12.9	8.9	11.3	4.9	6.4	3.5	1.4	2.0
Cullman	13.0	5.9	7.1	13.5	9.9	3.6	2.0	1.5	0.5
Dale	15.1	7.2	7.9	8.3	5.0	3.3	1.6	0.4	1.2
Dallas	24.0	12.7	11.3	16.9	12.8	4.1	3.3	1.6	1.7
De Kalb	9.5	2.6	6.9	13.1	6.0	7.1	4.5	1.4	3.1
Elmore	10.8	4.2	6.6	9.1	5.0	4.1	3.1	1.3	1.8
Escambia	23.9	18.4	5.4	18.9	13.5	5.5	3.3	1.8	1.6
Etowah	12.1	5.5	6.5	4.8	2.1	2.7	2.0	1.0	1.0
Fayette	17.6	5.5	12.1	26.1	10.4	15.7	3.8	1.4	2.4
Franklin	13.9	4.3	9.6	8.6	5.1	3.5	3.7	2.3	1.4
Geneva	9.2	5.0	4.2	6.3	3.5	2.8	5.3	1.2	4.0
Greene	16.1	5.9	10.2	11.9	8.5	3.4	4.1	1.4	2.7
Hale	13.8	5.3	8.5	19.2	10.0	9.2	2.9	1.9	1.0
Henry	11.4	5.2	6.2	10.8	5.4	5.4	3.2	1.5	1.7
Houston	6.4	2.0	4.4	2.6	1.7	0.8	2.2	1.4	0.8
Jackson	14.6	2.0	12.6	5.6	1.0	4.6	5.6	1.4	4.3
Jefferson	17.3	7.2	10.1	29.6	25.0	4.6	6.8	5.1	1.8
Lamar	16.0	6.6	9.4	13.5	7.2	6.3	7.2	1.4	5.8
Lauderdale	8.8	2.6	6.2	6.9	3.5	3.4	1.8	0.5	1.3
Lawrence	8.7	2.9	5.8	6.2	3.8	2.4	2.8	1.4	1.4
Lee	15.8	10.4	5.4	18.0	13.9	4.2	2.1	1.0	1.2
Limestone	3.0	0.2	2.8	4.8	1.6	3.2	1.7	...	1.7
Lowndes	15.7	9.3	6.5	16.3	11.3	5.1	2.6	1.2	1.4
Macon	14.7	5.2	9.5	10.8	4.0	6.8	3.5	1.5	2.0
Madison	8.4	4.9	3.5	0.4	0.1	0.3	5.1	0.5	4.6
Marengo	26.5	16.9	9.6	33.2	23.0	10.2	5.4	2.5	2.9
Marion	17.9	8.0	9.8	19.8	13.6	6.2	7.4	4.6	2.8
Marshall	8.2	3.1	5.1	6.2	3.6	2.6	2.1	0.9	1.2
Mobile	19.5	13.4	6.1	10.6	8.3	2.3	5.2	1.5	3.7
Monroe	37.9	22.4	15.4	32.1	18.9	13.1	5.7	2.2	3.6
Montgomery	15.6	8.5	7.0	14.2	9.6	4.7	1.4	0.7	0.7
Morgan	9.2	4.6	4.6	5.1	2.8	2.3	2.7	0.7	2.0
Perry	19.0	11.4	7.6	22.3	14.5	7.9	5.0	2.0	3.0
Pickens	36.4	19.9	16.5	27.9	18.4	9.5	12.0	6.5	5.5
Pike	15.7	7.0	8.7	16.6	7.8	8.8	1.5	0.4	1.1
Randolph	14.0	4.5	9.4	8.6	6.2	2.4	2.6	1.8	0.8
Russell	12.9	6.5	6.4	23.1	20.1	3.0	3.5	2.4	1.2
St. Clair	15.7	9.3	6.4	13.8	11.7	2.1	3.1	1.2	1.9
Shelby	17.7	8.8	8.9	19.3	13.5	5.8	3.8	2.1	1.7
Sumter	24.5	11.7	12.7	23.6	15.1	8.5	4.4	1.6	2.7
Talladega	12.2	7.1	5.1	11.5	8.9	2.6	2.4	1.1	1.3
Tallapoosa	23.3	13.2	10.1	18.3	10.9	7.5	3.6	2.3	1.3
Tuscaloosa	36.5	22.9	13.6	61.5	41.0	20.5	10.2	3.5	6.7
Walker	19.8	8.4	11.4	23.7	16.8	6.9	4.3	2.6	1.7
Washington	38.0	21.3	16.7	25.1	15.8	9.3	6.6	2.9	3.8
Wilcox	31.9	19.8	12.1	39.6	22.7	17.0	3.9	2.2	1.7
Winston	16.5	7.5	9.0	22.5	17.1	5.4	3.8	2.5	1.3
All counties	1211.6	650.8	560.8	1116.6	726.0	390.5	268.3	123.1	145.2

¹Excludes trees less than 5.0 inches in diameter at breast height.

Table 43—Average net annual growth, average annual removals, and average annual mortality of live trees¹ by ownership class and species group, Alabama Counties, 1990

Ownership class	Growth			Removals			Mortality		
	All classes	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
National forest	27.0	13.6	13.4	16.0	12.0	4.0	8.1	5.0	3.2
Other public	26.3	7.8	18.4	15.4	10.7	4.7	7.4	3.1	4.3
Forest industry	300.2	207.8	92.4	298.7	206.3	92.5	57.9	30.2	27.7
Forest industry-leased	46.1	29.2	16.9	37.0	25.3	11.8	5.9	2.7	3.1
Other private	812.0	392.3	419.7	749.5	471.8	277.6	189.1	82.1	107.0
All ownerships	1211.6	650.8	560.8	1116.6	726.0	390.5	268.3	123.1	145.2

¹That part of the bole of sawtimber trees between a 1-foot stump and sawlog top.

FIGURES

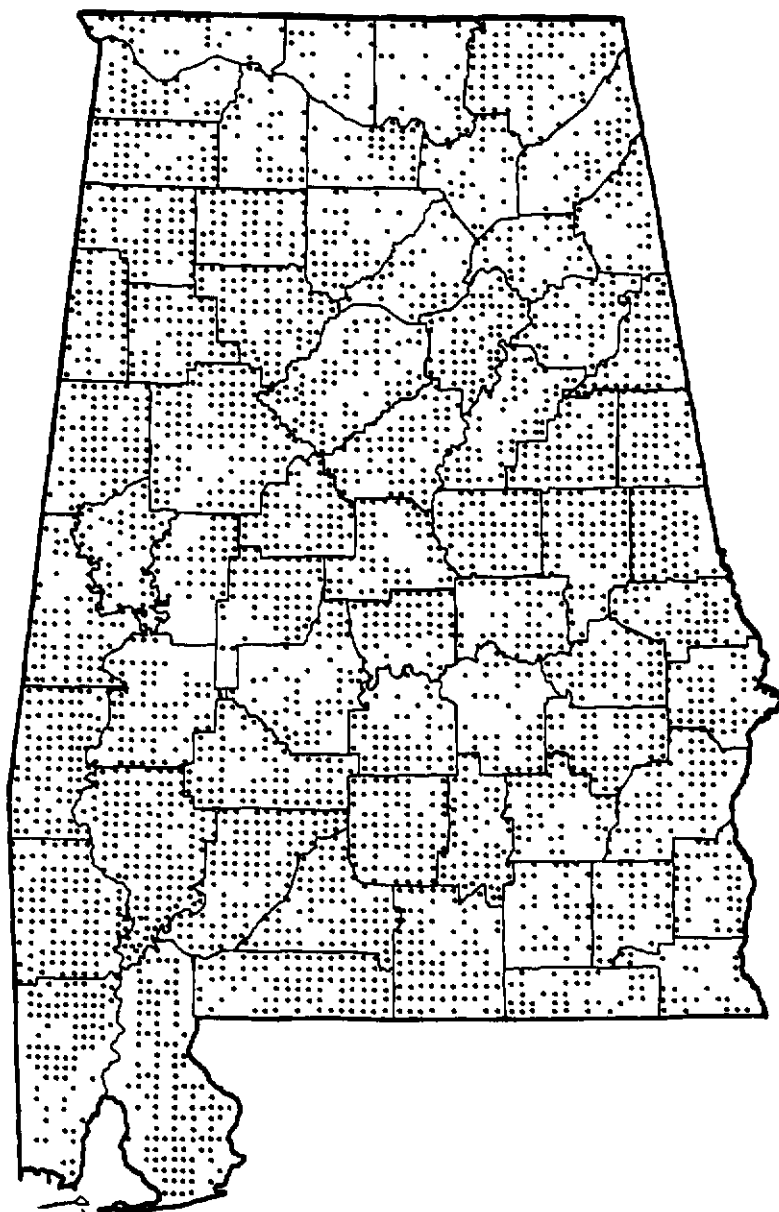


Figure 1. — *Location of Forest Inventory and Analysis plots on timberland, Alabama, 1990.*

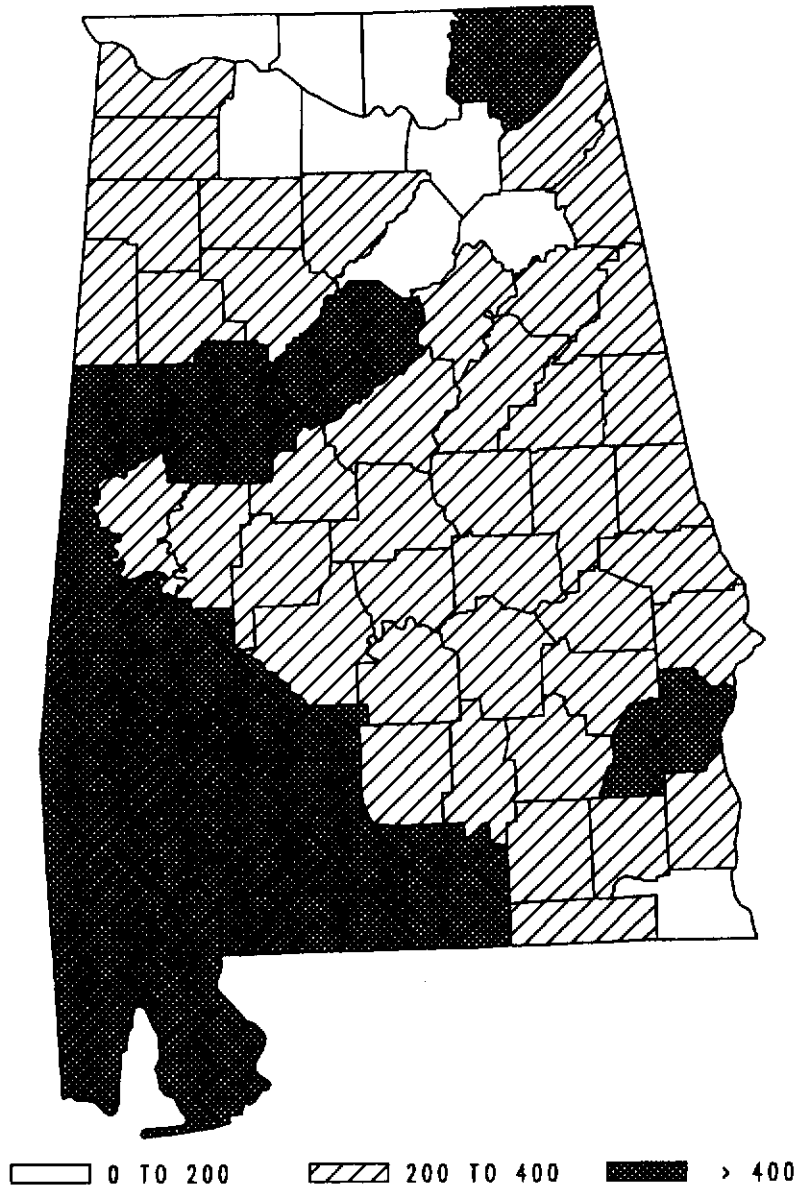


Figure 2.— Total timberland by county in thousand acres, Alabama, 1990.

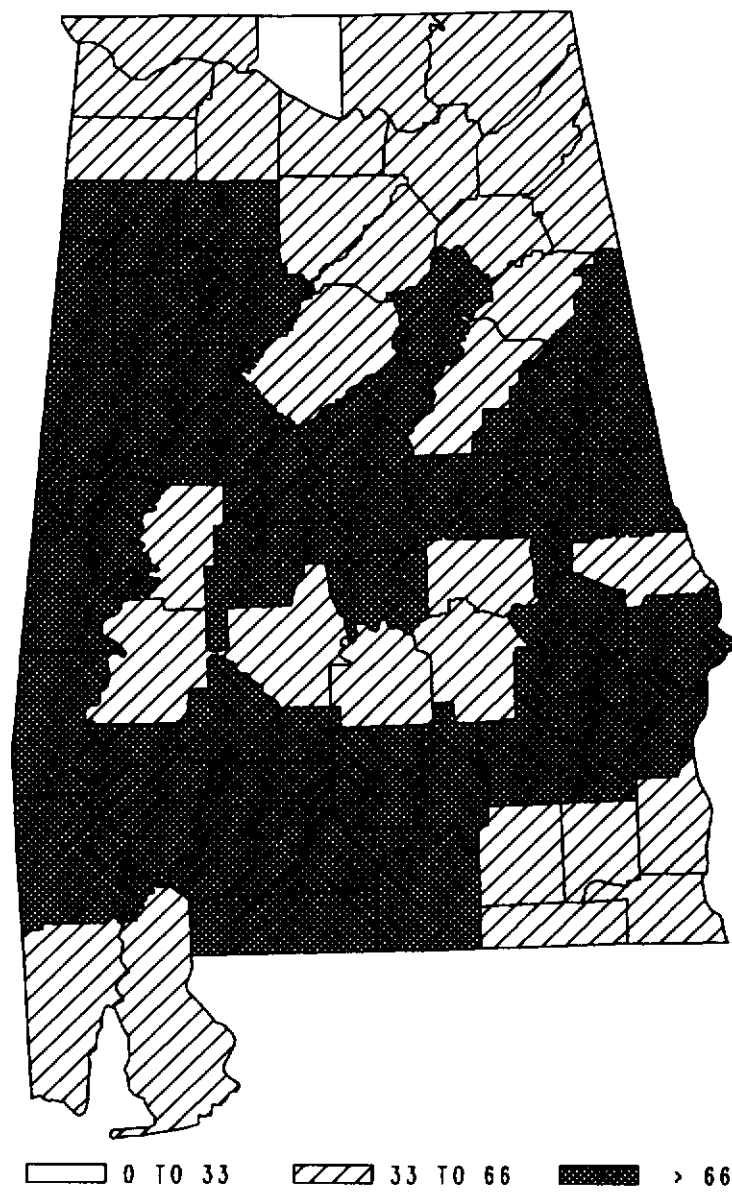


Figure 3.— Percent timberland of total land area by county, Alabama, 1990.

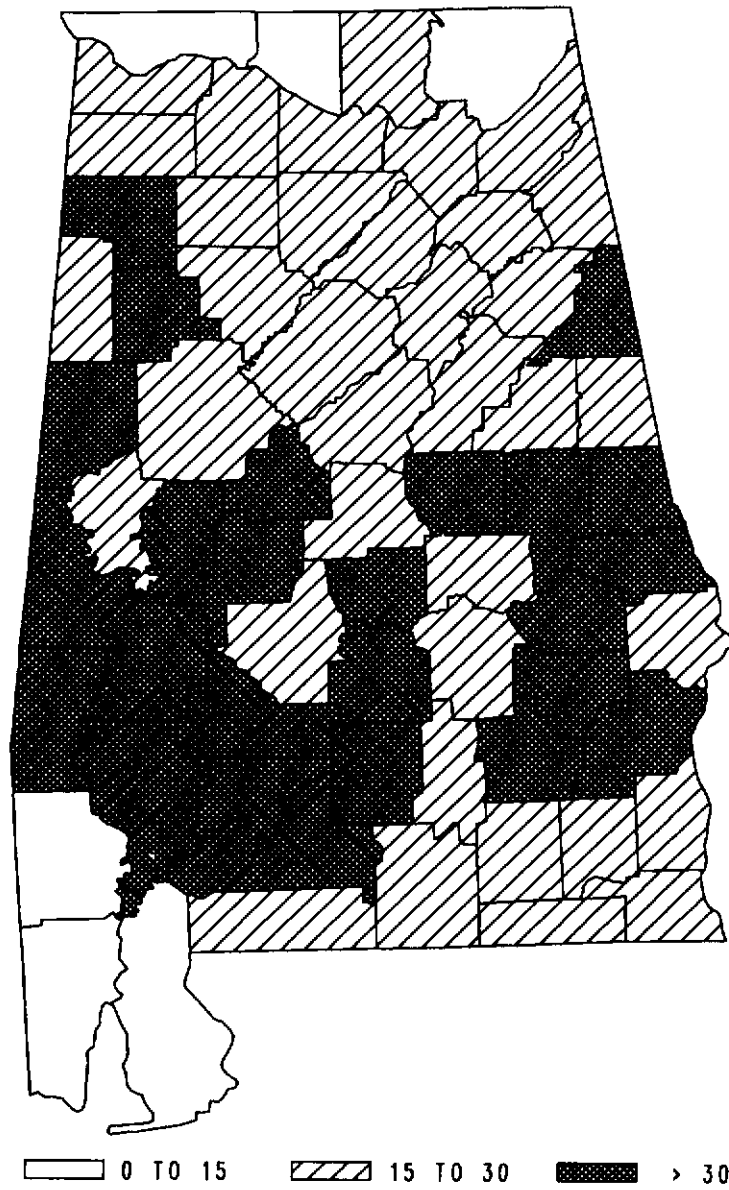


Figure 4.—Percent timberland of total land area by county, Loblolly/Shortleaf pine forest type, Alabama, 1990.

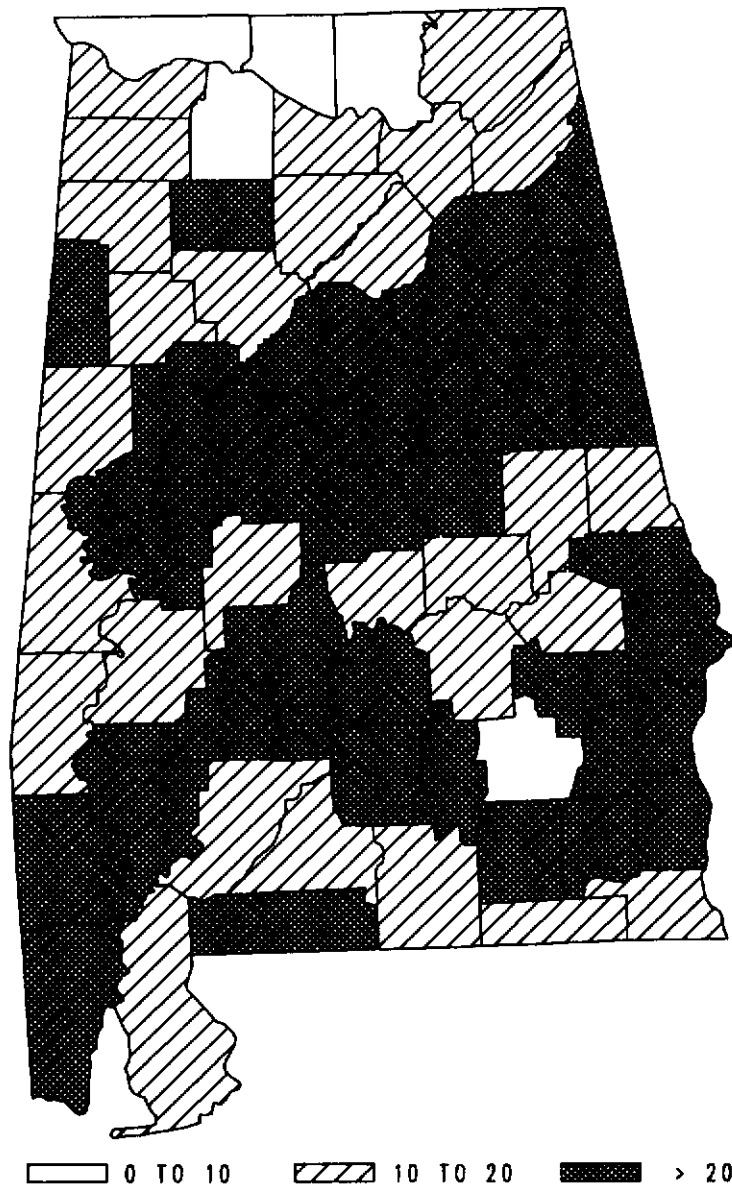


Figure 5.— *Percent timberland by county, Oak/Pine forest type, Alabama, 1990.*

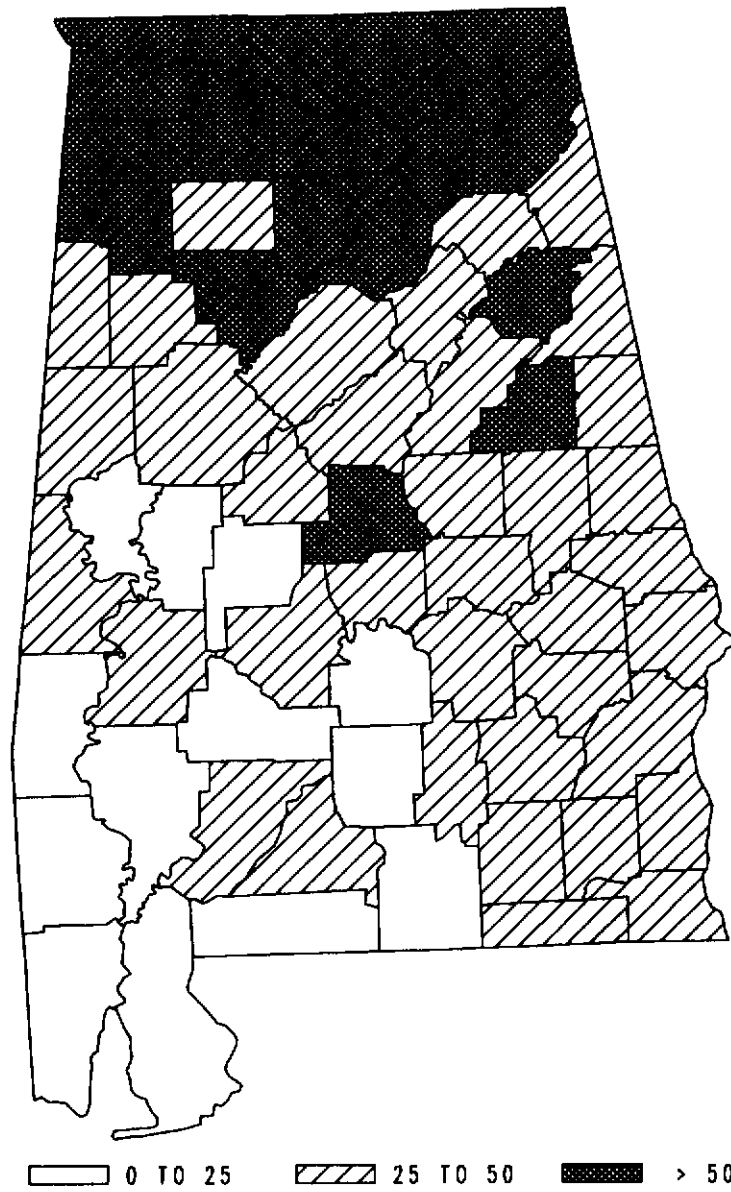


Figure 6.— Percent timberland by county, Oak/Hickory forest type, Alabama, 1990.

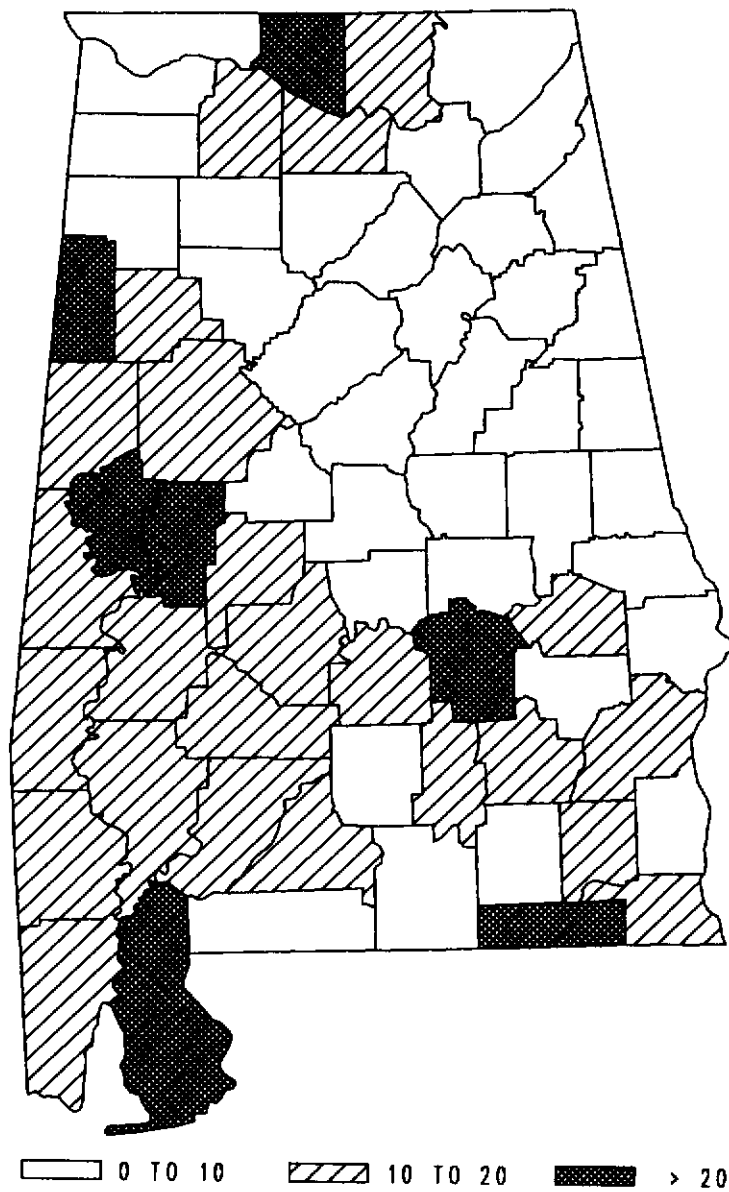
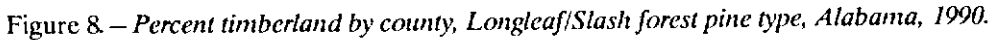


Figure 7.— Percent timberland by county, Oak/Gum/Cypress forest type, Alabama, 1990.



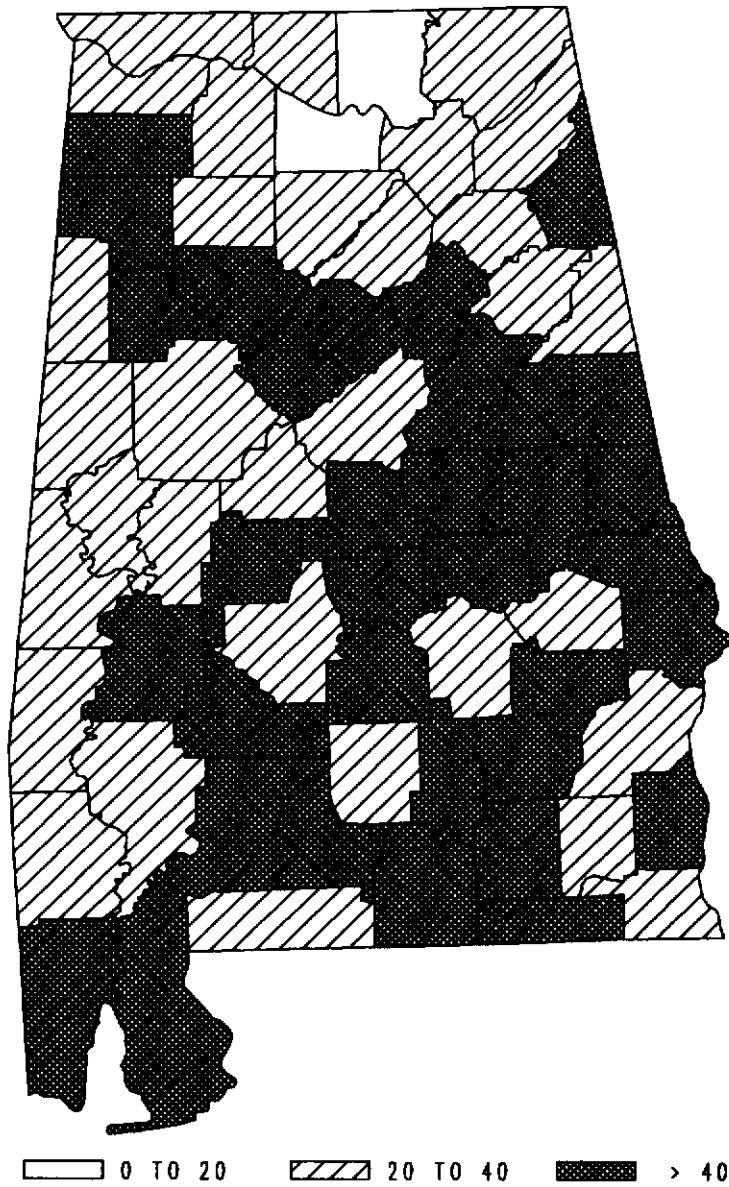


Figure 9. — *Percent timberland by county, seedling and sapling stand-size class, Alabama, 1990.*

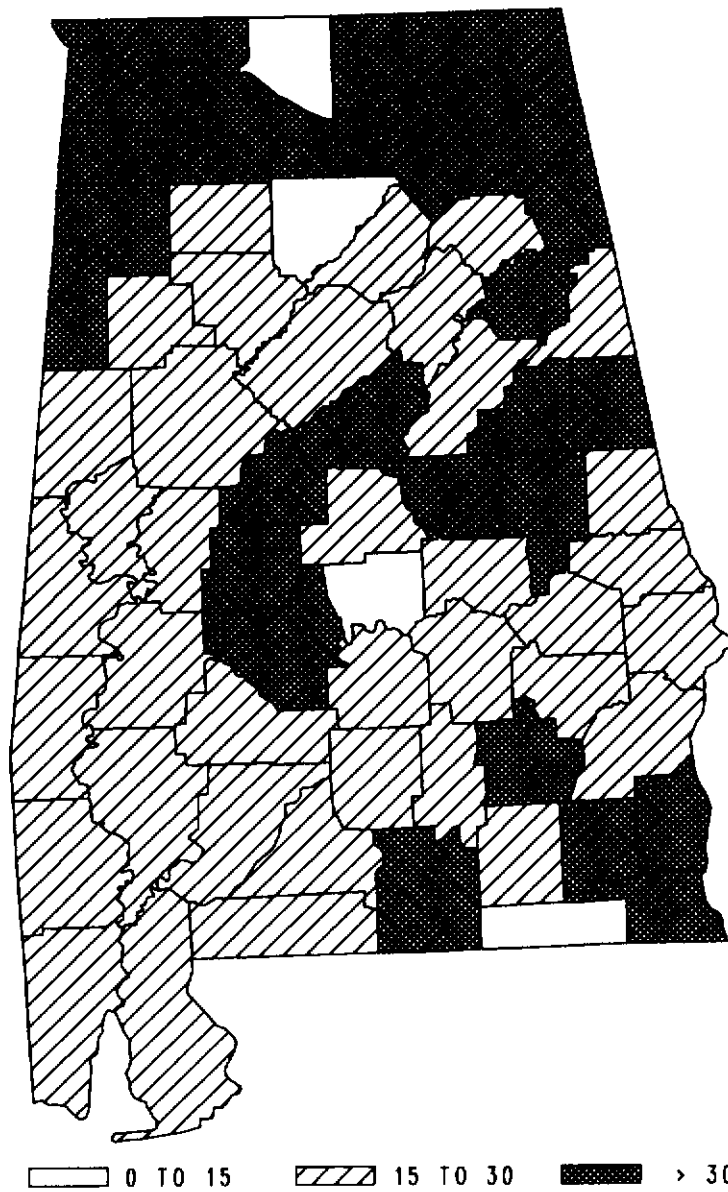


Figure 10. — *Percent timberland by county, pole timber stand-size class, Alabama, 1990.*

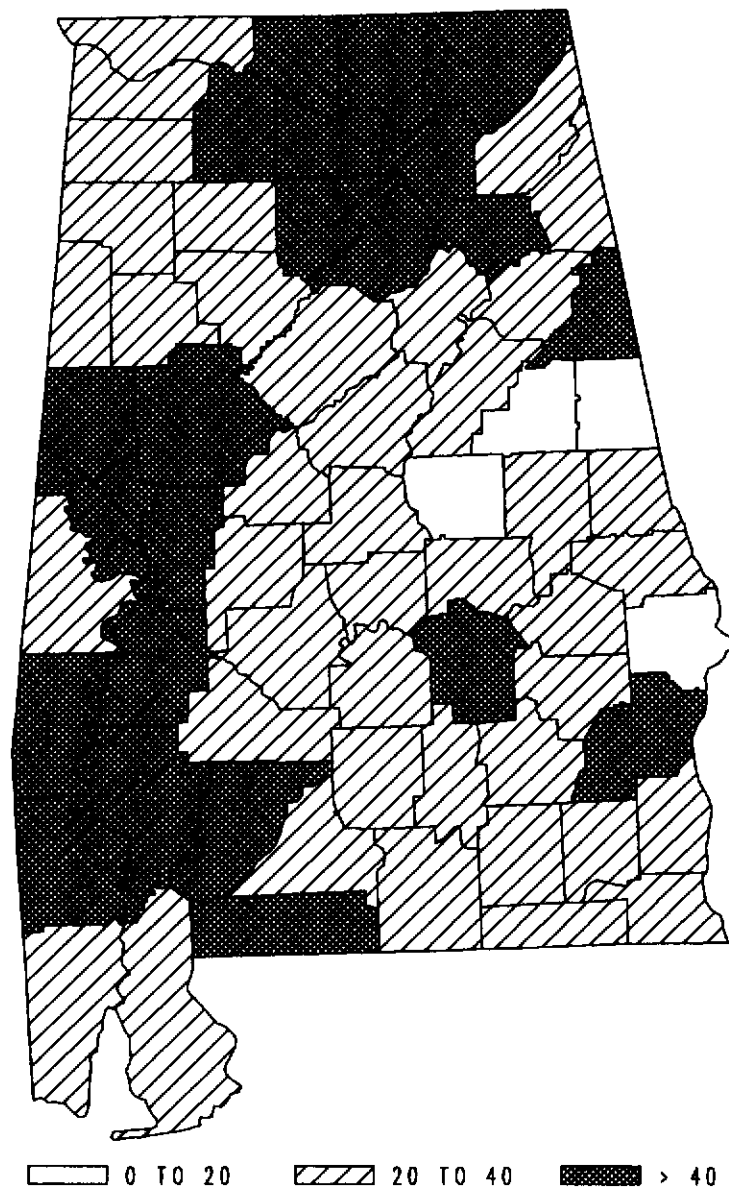


Figure 11. — *Percent timberland by county, sawtimber stand-size class, Alabama, 1990.*

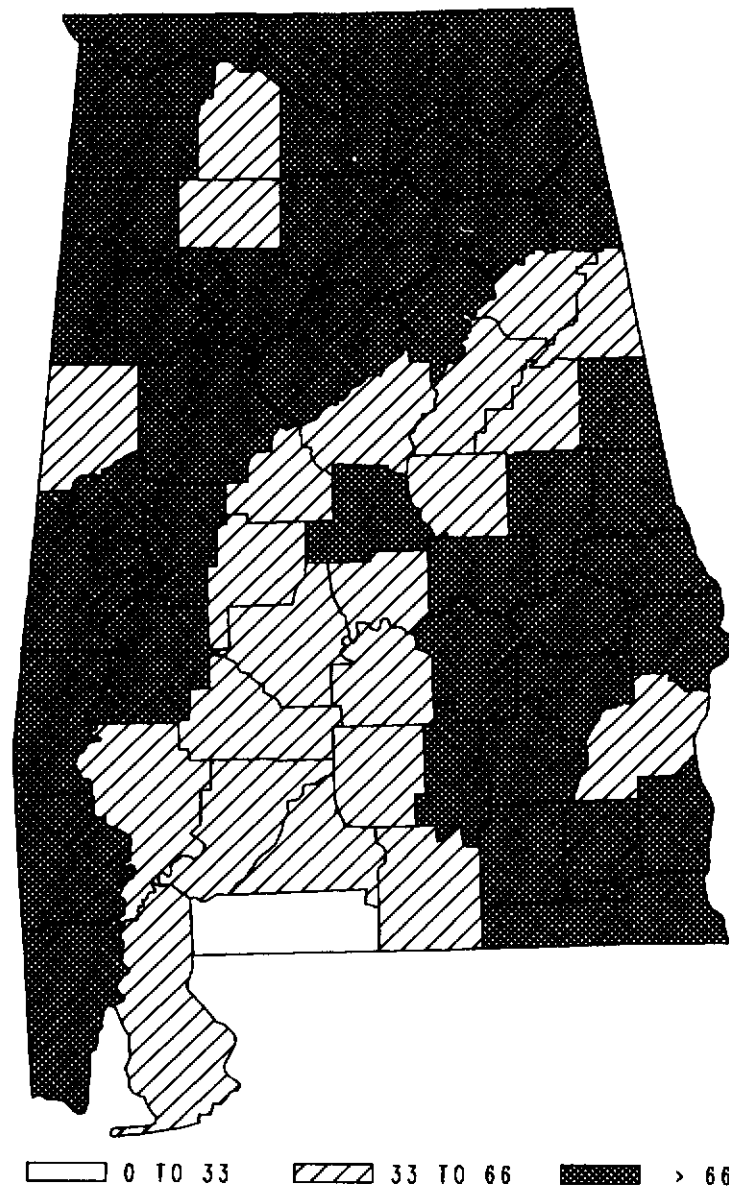
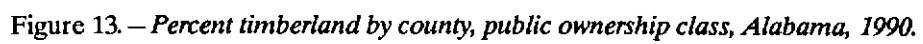


Figure 12. — *Percent timberland by county, nonindustrial private ownership class, Alabama, 1990.*



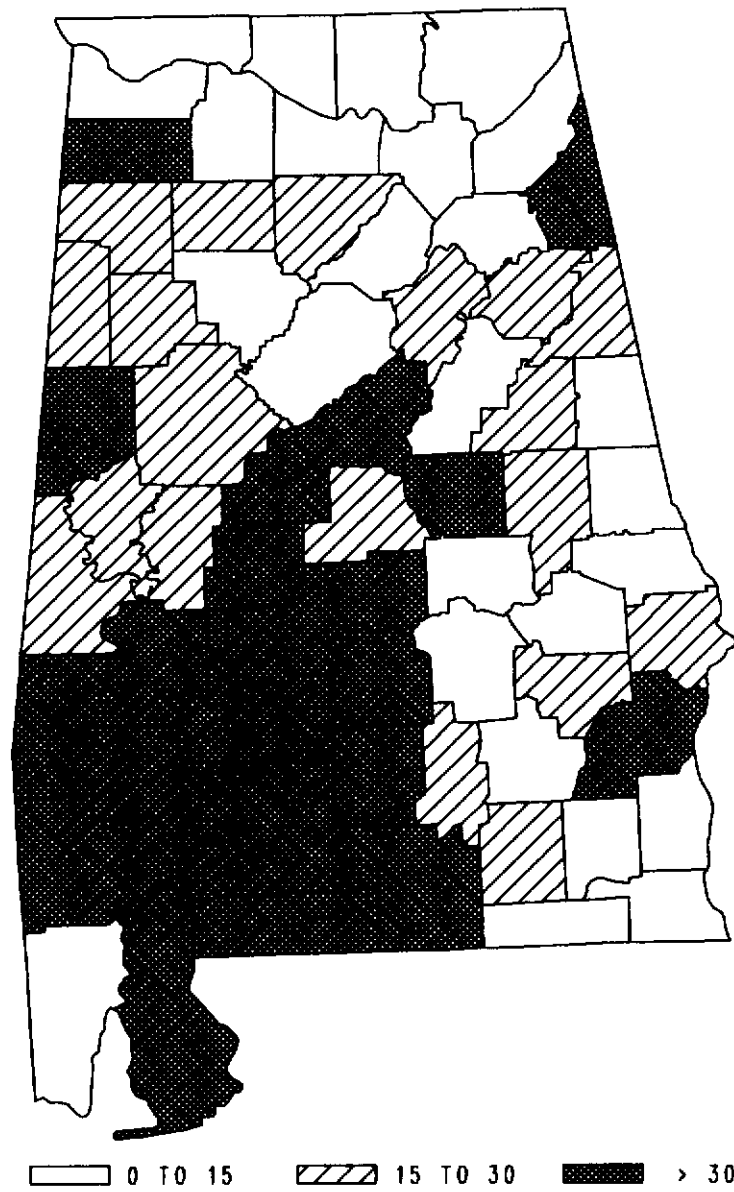


Figure 14. — *Percent timberland by county, forest industry ownership class, Alabama, 1990.*

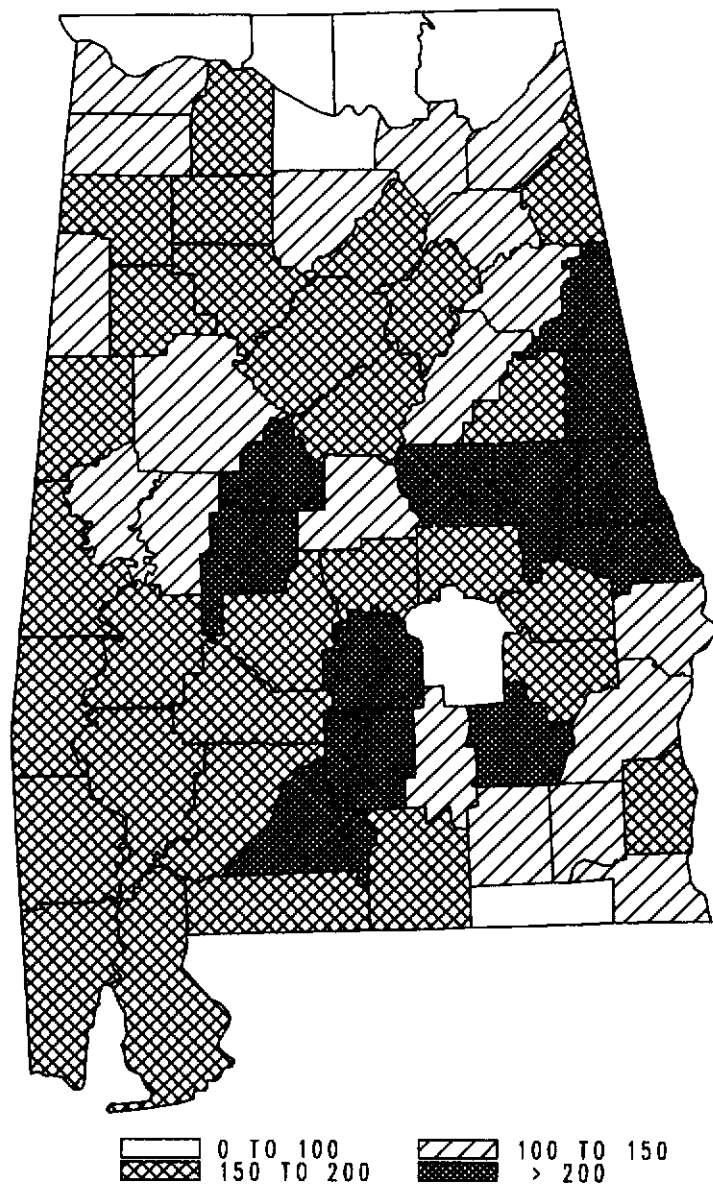


Figure 15. — *Softwood growing-stock volume by county, in million cubic feet, Alabama, 1990.*

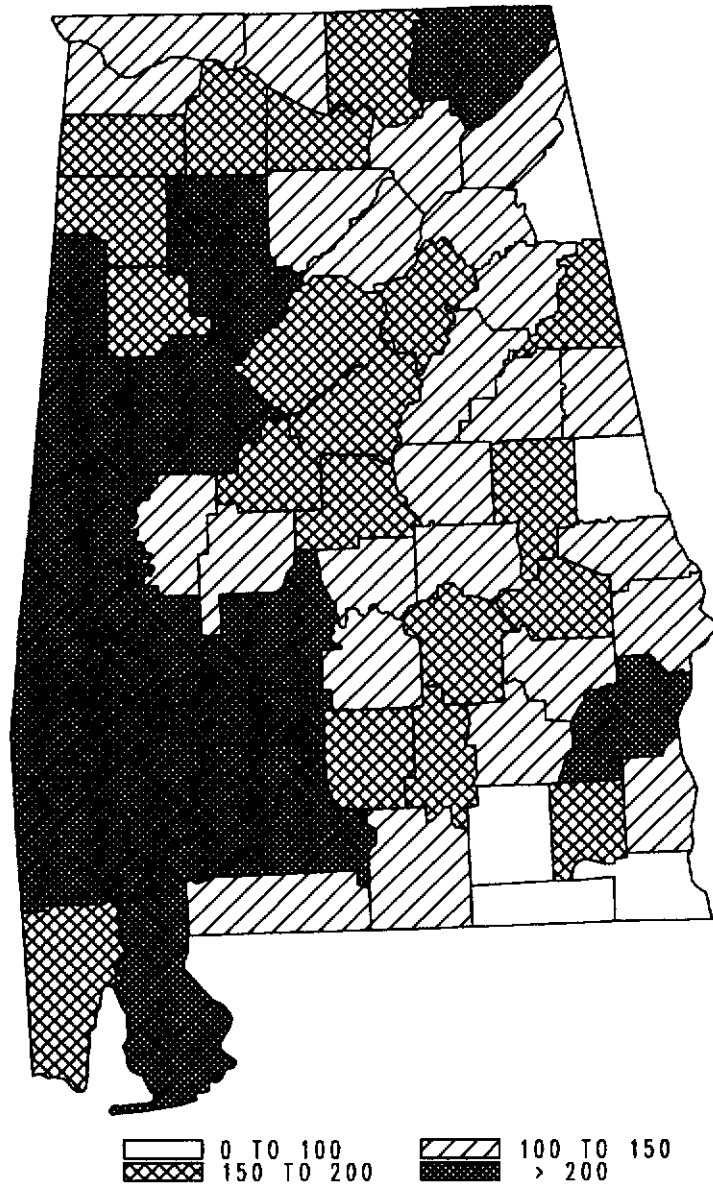


Figure 16. – *Hardwood growing-stock volume by county, in million cubic feet, Alabama, 1990.*

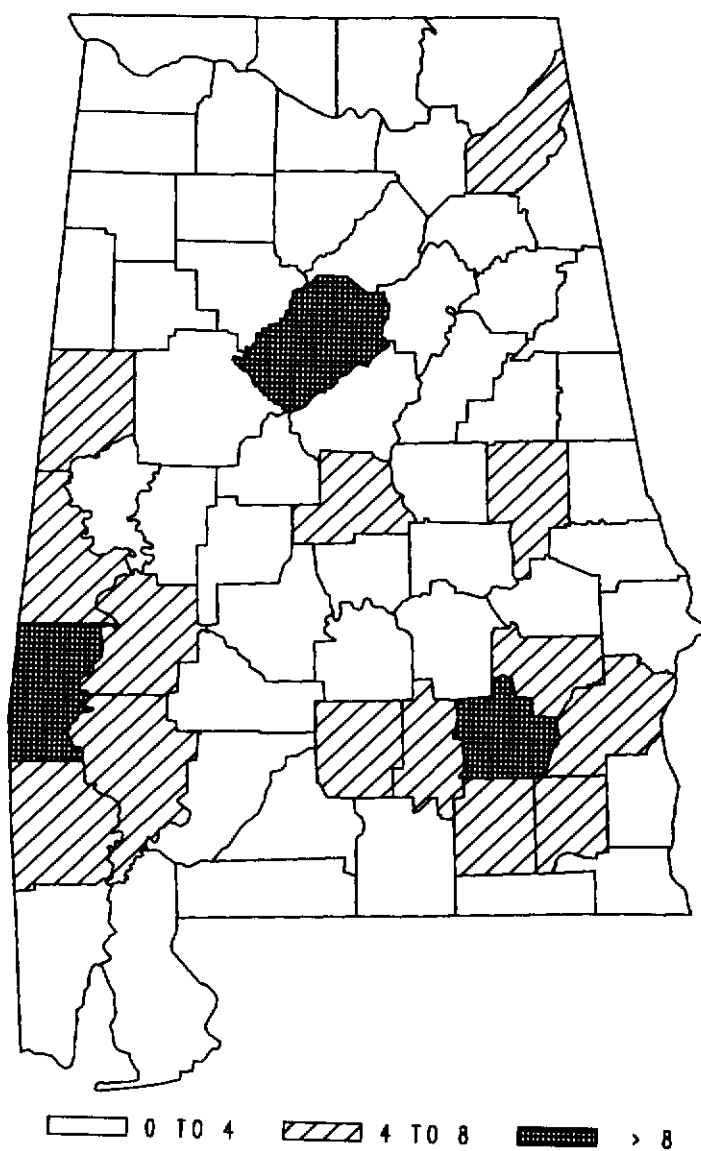
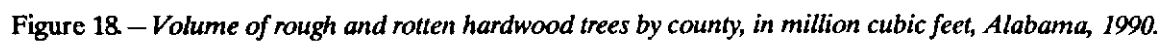


Figure 17. — *Volume of rough and rotten softwood trees by county, in million cubic feet, Alabama, 1990.*



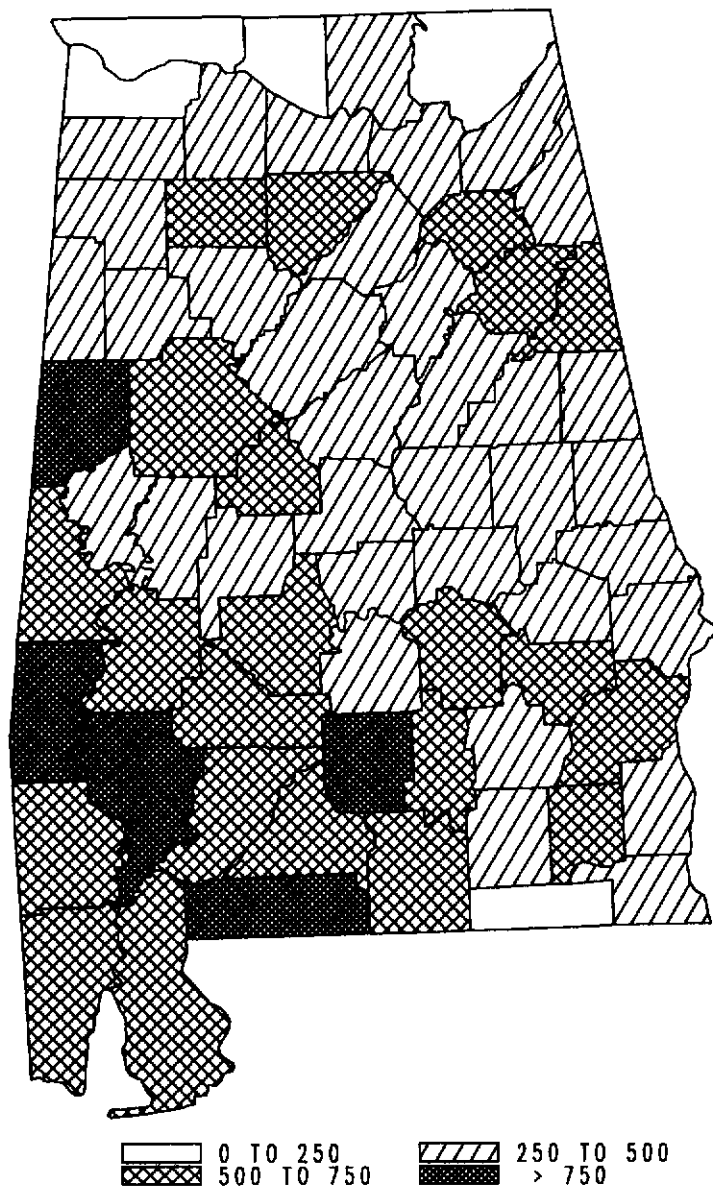


Figure 19. — *Average softwood growing-stock volume on timberland by county, in cubic feet per acre, Alabama, 1990.*

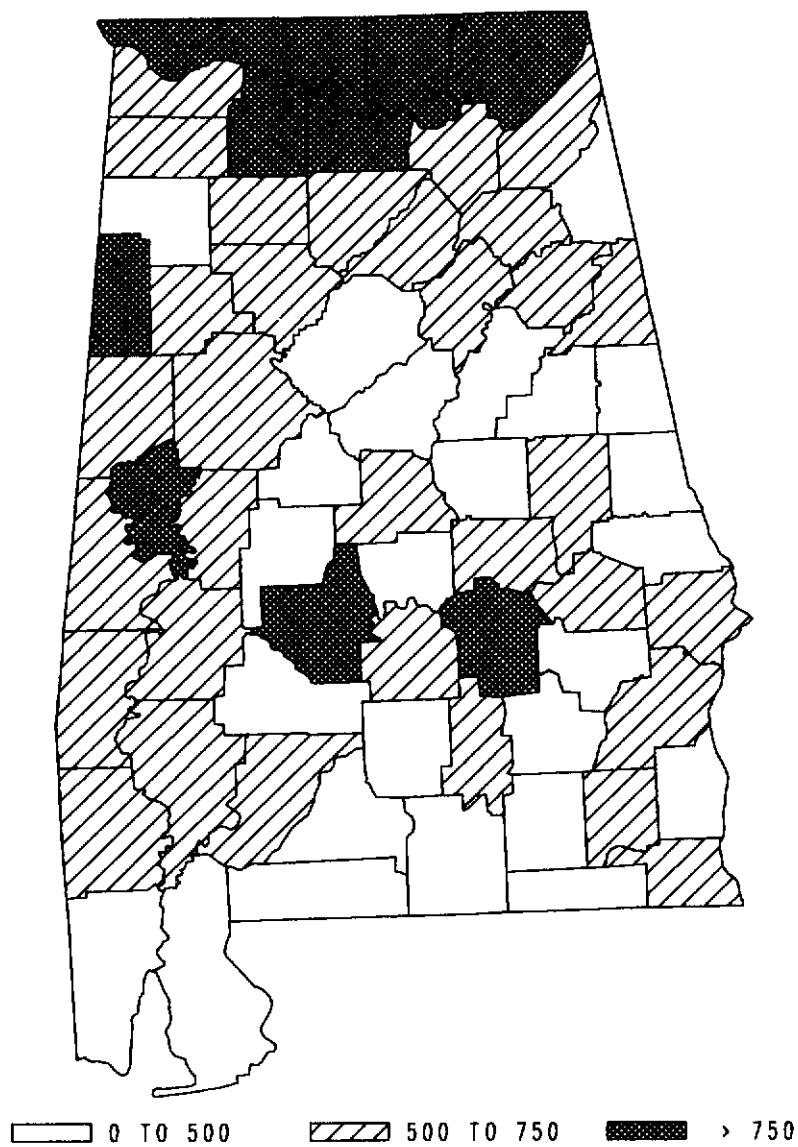


Figure 20. — *Average hardwood growing-stock volume on timberland by county, in cubic feet per acre, Alabama, 1990.*

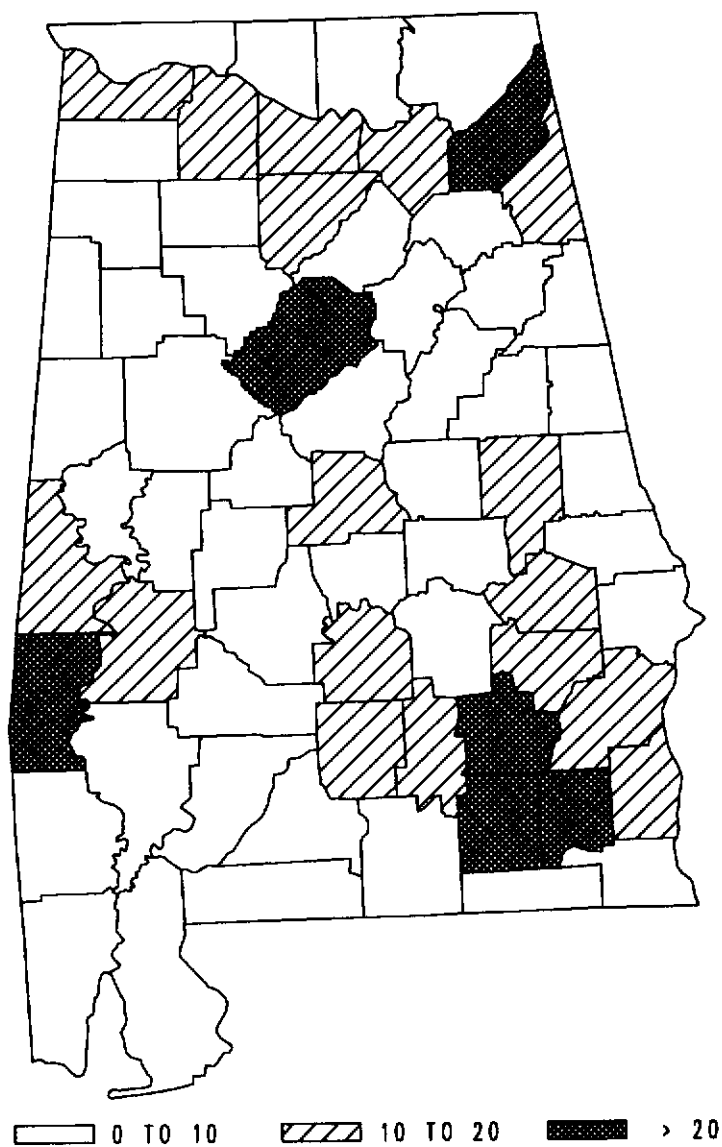


Figure 21. — *Average volume of rough and rotten softwood trees on timberland by county, in cubic feet per acre, Alabama, 1990.*

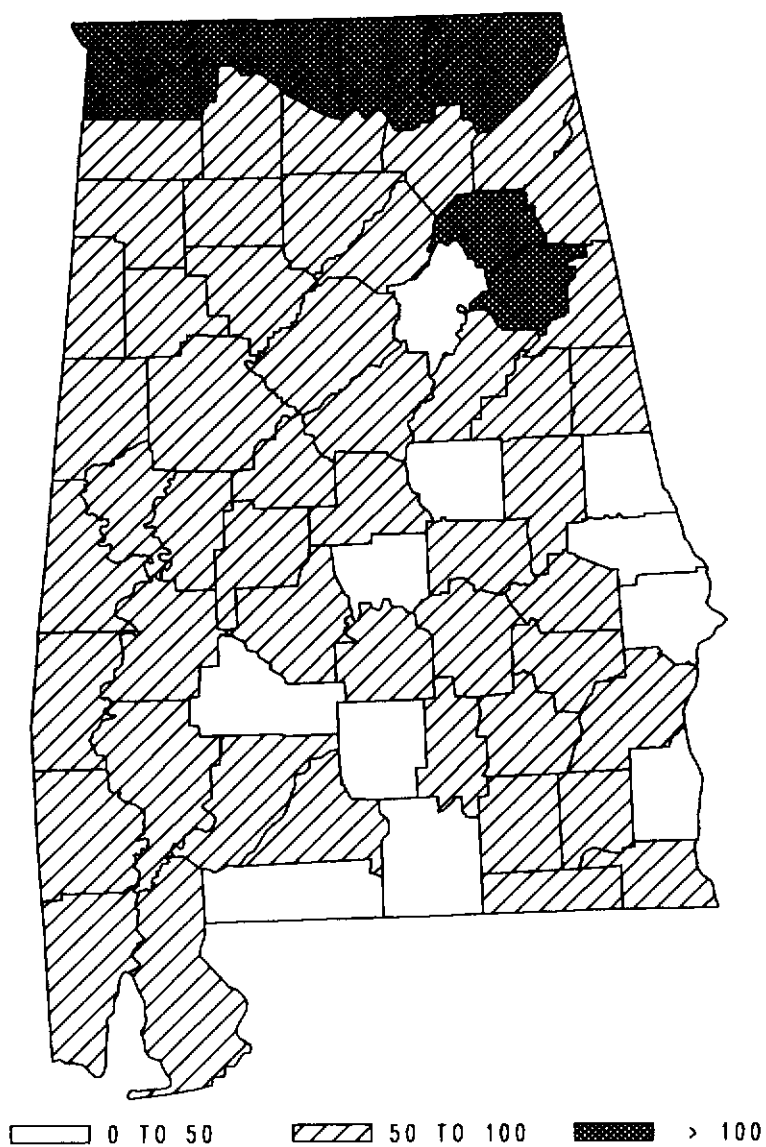


Figure 22. – *Average volume of rough and rotten hardwood trees on timberland by county, in cubic feet per acre, Alabama, 1990.*

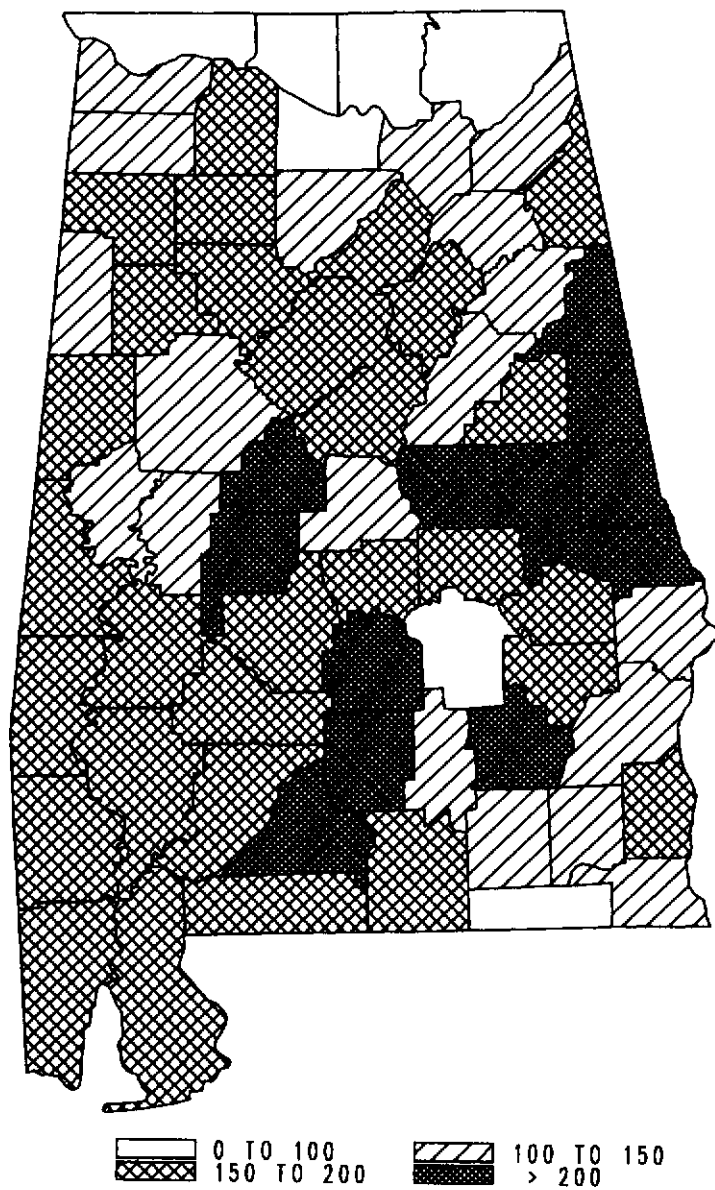


Figure 23 — Average number of live softwood trees per acre on timberland by county, Alabama, 1990.

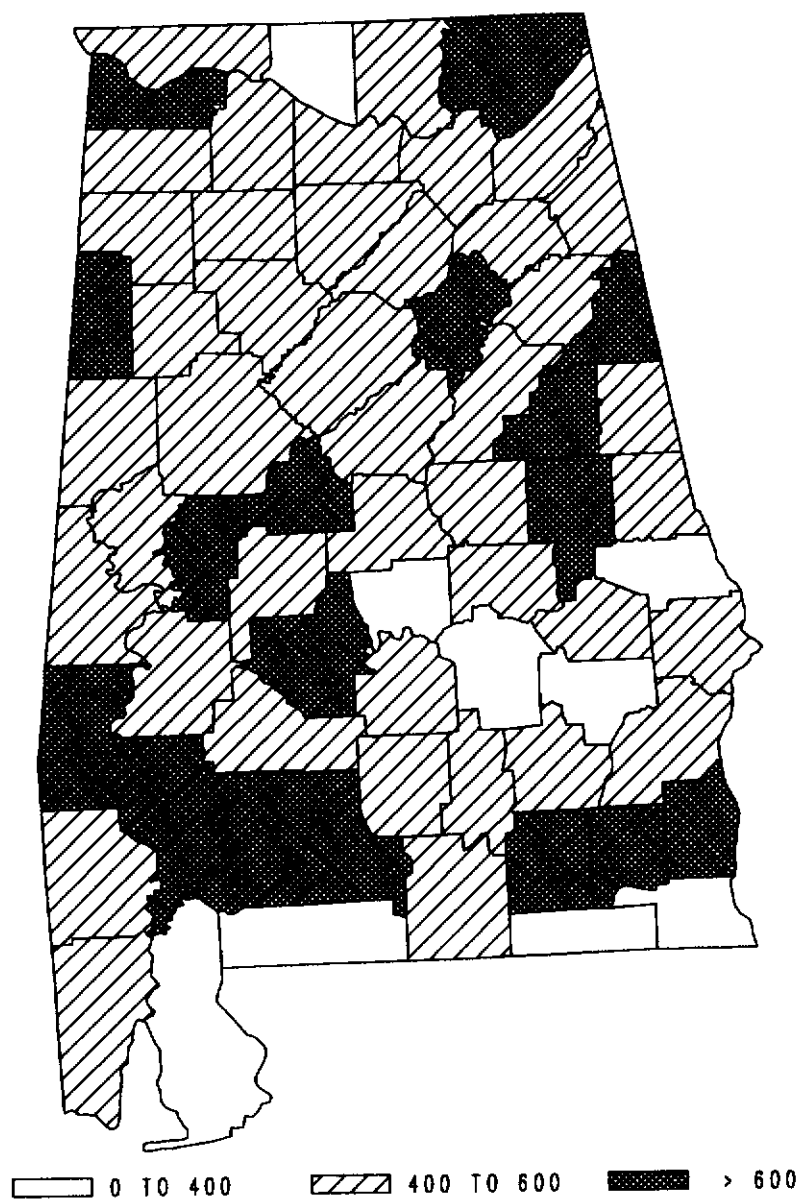


Figure 24. — Average number of live hardwood trees per acre on timberland by county, Alabama, 1990.

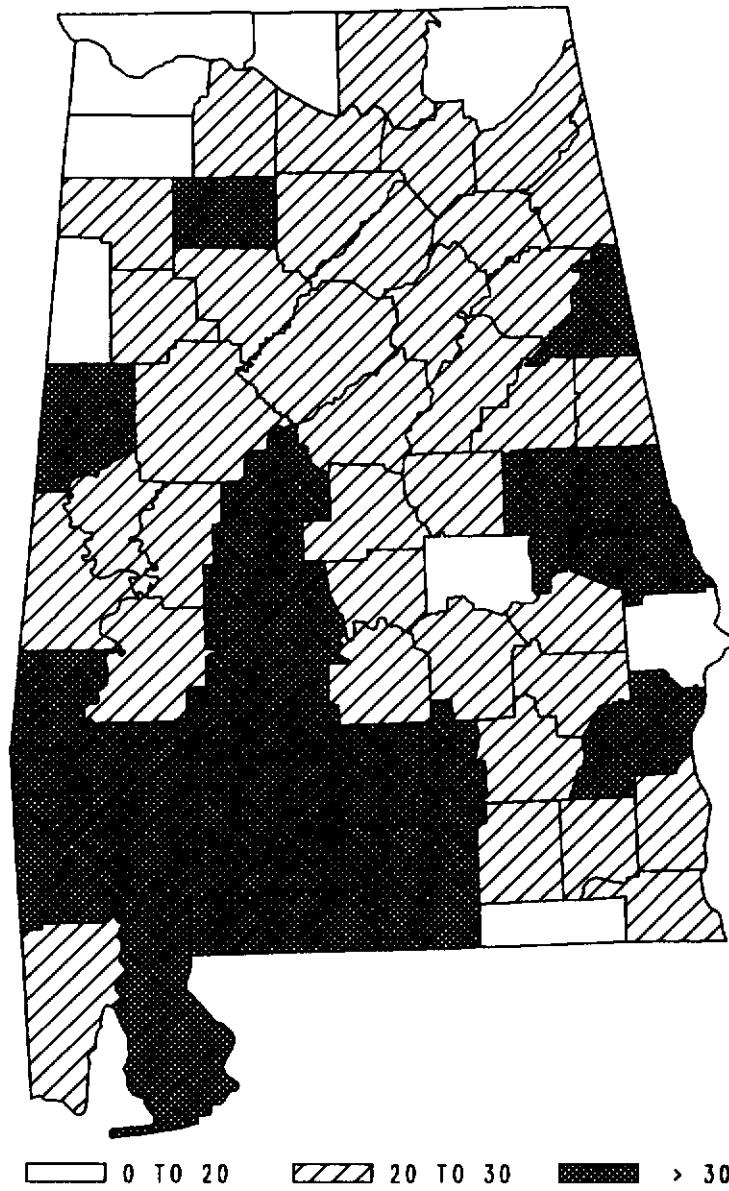


Figure 25. — Average softwood basal area per acre on timberland by county, in square feet, Alabama, 1990.

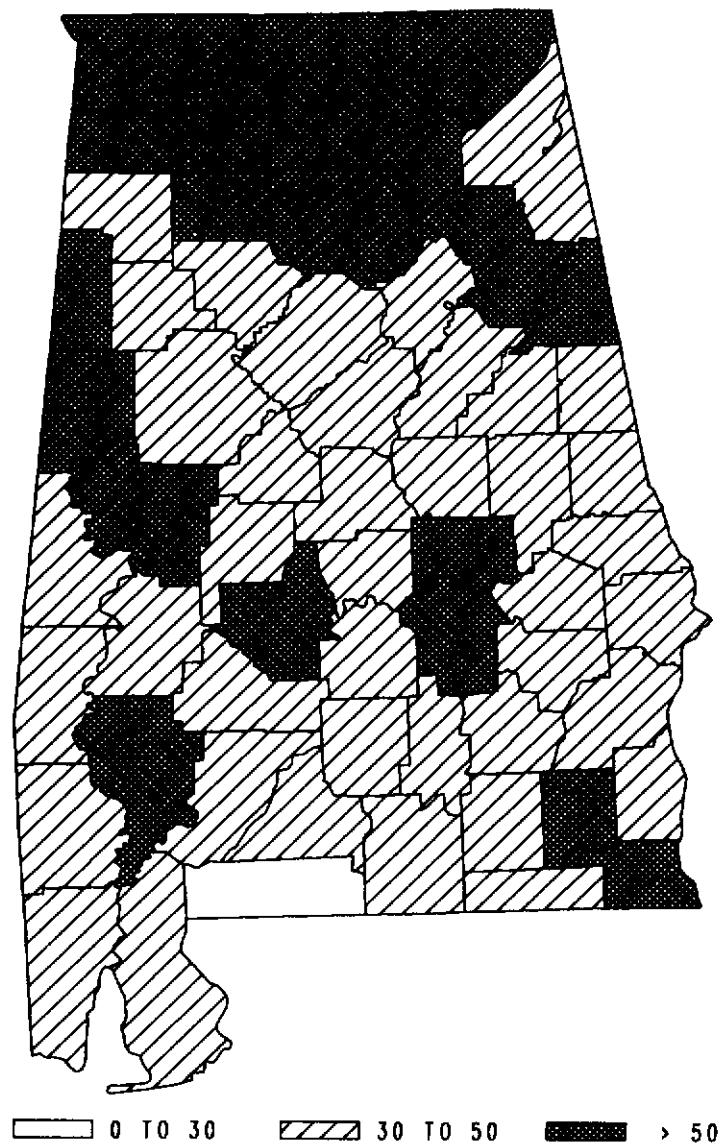


Figure 26. — *Average hardwood basal area per acre on timberland by county, in square feet, Alabama, 1990.*

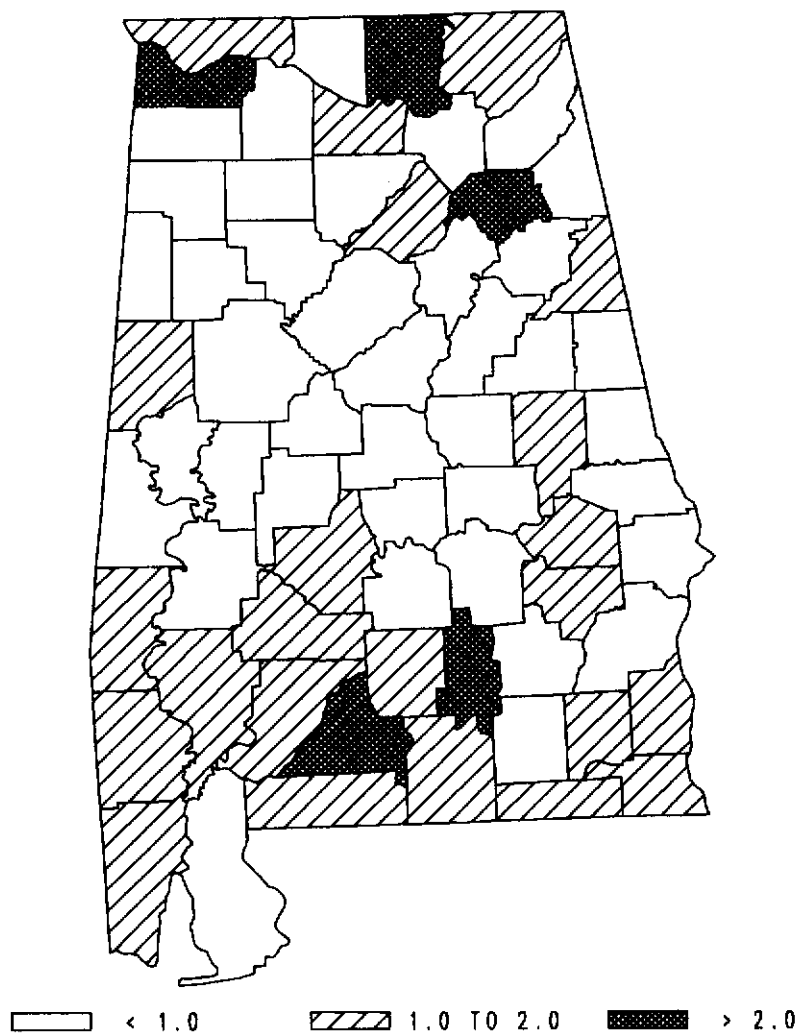


Figure 27.—Ratio of average net annual growth to average net annual removals of growing stock for soft - woods by county, Alabama, 1990. A value less than 1.0 indicates more growth than removals; a value less than 1.0 indicates more removals than growth.

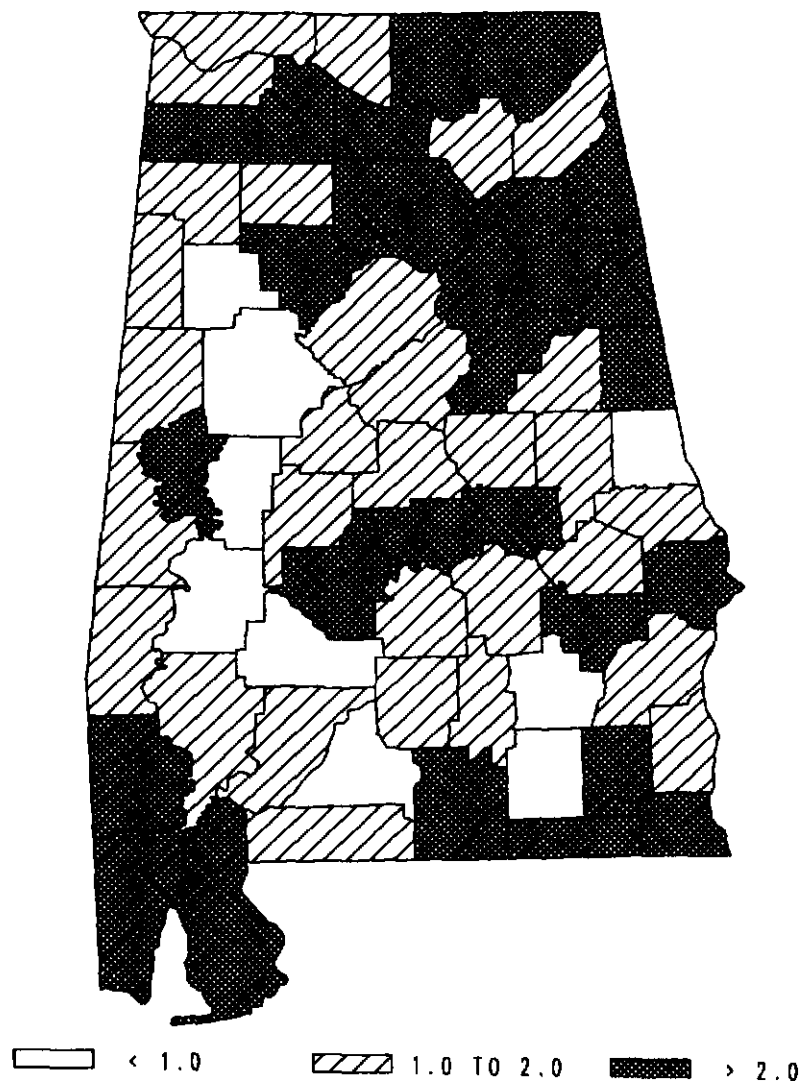


Figure 28. — *Ratio of average net annual growth to average net annual removals of growing stock for hardwoods by county, Alabama, 1990. A value greater than 1.0 indicates more growth than removals; a value less than 1.0 indicates more removals than growth.*

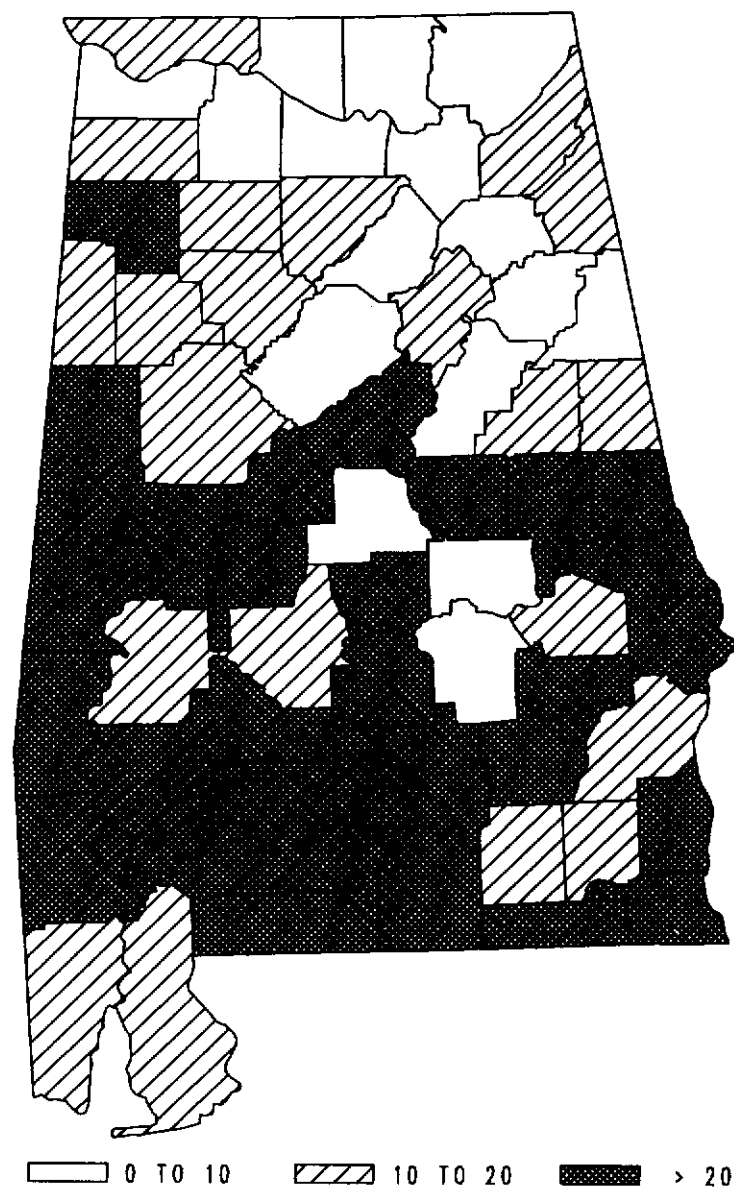


Figure 29. — *Percent timberland with evidence of artificial regeneration by county, Alabama, 1990.*

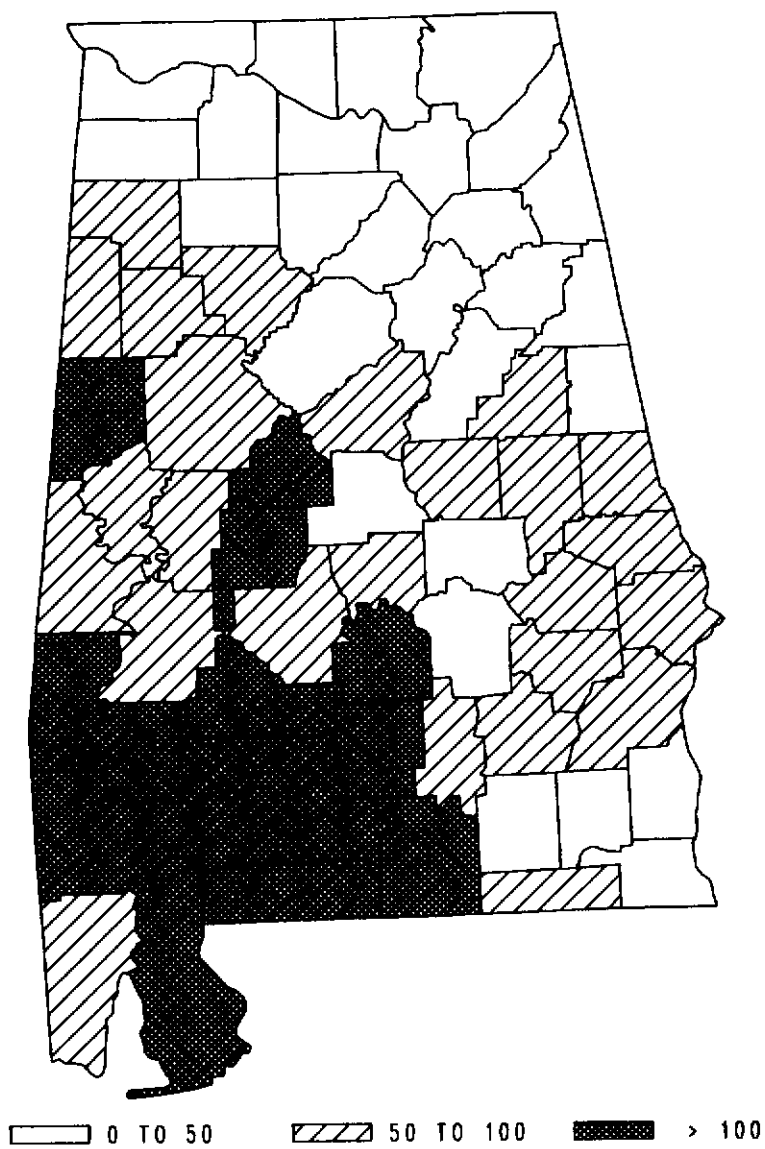


Figure 30. — *Area of timberland with evidence of artificial regeneration by county, in thousand acres, Alabama, 1990.*

Vissage, John S.; Miller Patrick E. 1991. Forest Statistics for Alabama Counties-1990. Resour. Bull. SO-158. New Orleans, LA: U. S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 67p.

Tabulates forest resource information from a new inventory of the Counties of Alabama.

Additional Keywords: Area, volume, forest type, stand size, and ownership.

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