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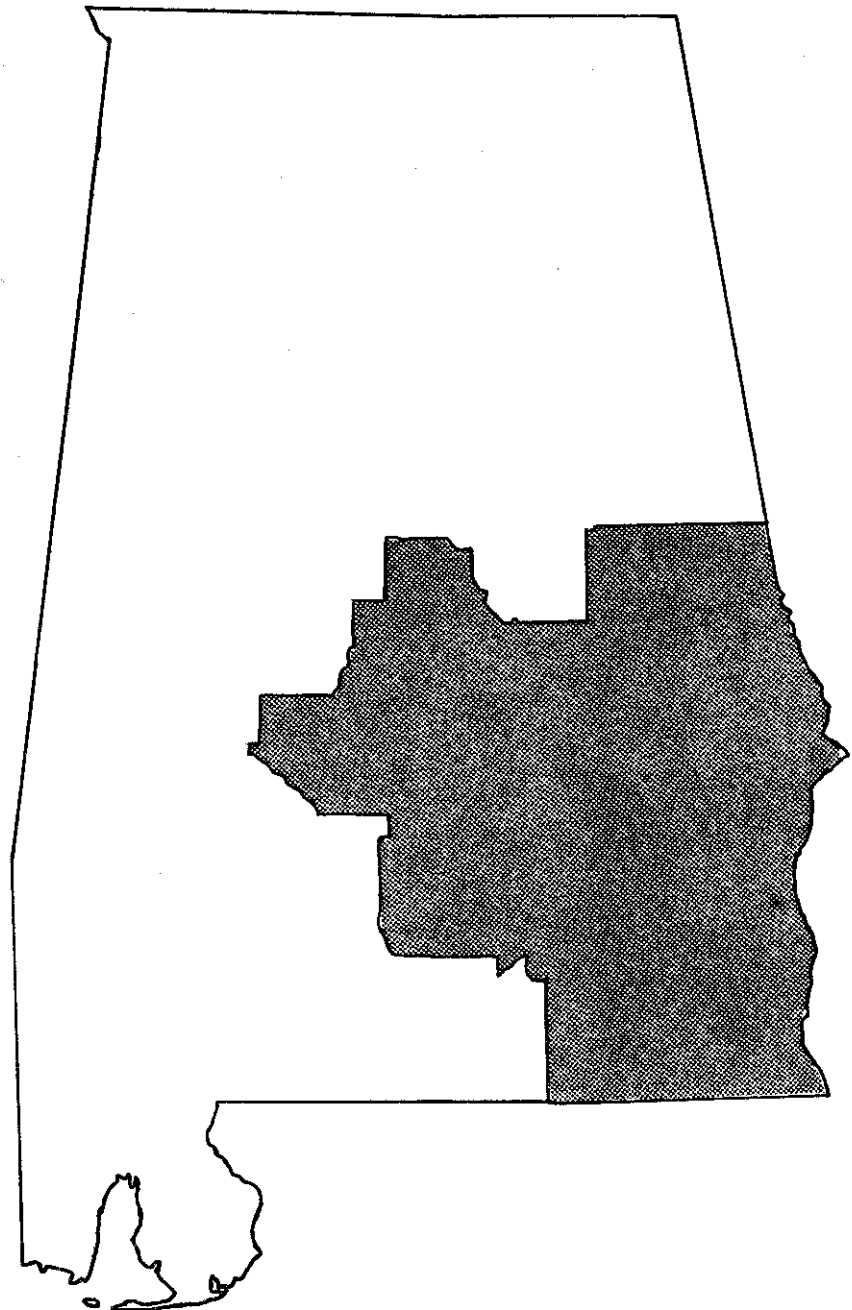
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Forest Statistics for Southeast Alabama Counties

Staff: Forest Inventory and Analysis Research Work Unit



FOREST STATISTICS FOR SOUTHEAST ALABAMA COUNTIES

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These tables were derived from data obtained during a 1982 inventory of 21 counties comprising the Southeast Unit of Alabama (fig. 1). The data on forest acreage and timber volume were secured by a systematic sampling method involving a forest-nonforest classification on aerial photographs and on-the-ground measurements of trees at sample locations. The sample locations were at the intersections of a grid of lines spaced 3 miles apart. At each forest location, per acre estimates were obtained from 5 BA 37.5 point samples.

Table 1.--Sampling errors¹ for forest land and timber volume, 1982

County	Commercial forest land	Growing stock	Sawtimber
----- percent -----			
Autauga	2	14	17
Barbour	2	9	12
Bullock	2	11	14
Butler	2	11	15
Chambers	3	10	14
Chilton	2	10	15
Coffee	2	15	19
Crenshaw	2	15	19
Dale	3	12	16
Dallas	2	11	15
Elmore	3	15	20
Geneva	3	17	24
Henry	2	13	16
Houston	2	18	26
Lee	3	13	17
Lowndes	2	13	19
Macon	3	15	19
Montgomery	3	13	17
Pike	3	15	19
Russell	3	12	16
Tallapoosa	2	11	15
All counties	0.6	2.8	3.7

¹ By random-sampling formula.

The sampling methods were developed to provide suitable State estimates. Estimates for smaller areas are presented, but sampling error increases as the area considered decreases. Sampling errors given in table 1 are based on one standard deviation or a probability of two chances out of three. To estimate the sampling error for a combination of counties one can use the following:

$$SE_G = \frac{SE_T \sqrt{X_T}}{\sqrt{X_G}}$$

where:

SE = standard error of estimate (%)

X = variable of interest (area, volume)

G = group of counties to be combined

T = total for the unit

Sampling errors for estimates of the principal timber species are shown in table 2.

DEFINITIONS OF TERMS

Acceptable trees.--Growing-stock trees of commercial species that meet specified standards of size and quality but do not qualify as desirable trees.

Commercial forest land.--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization.

Desirable trees.--Growing stock trees that are of commercial species, have no defects in quality for timber products, are of relatively high vigor, and contain no pathogens that may result in death or serious deterioration before rotation age.

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

Growing-stock trees.--Live trees that are of commercial species and qualify as desirable or acceptable trees.

Growing stock volume.--Net volume in cubic feet of 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.

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.

Physiographic site.--A classification of forest land according to its suitability for growing certain species groups--pine, upland hardwood, or bottom-land hardwood

Poletimber trees.--Growing-stock trees of commercial species at least 5.0 inches in diameter at breast height, but smaller than sawtimber size.

Rotten trees.--Live trees of commercial species that do not contain at least one 12-foot saw log, now or prospectively, primarily because of rot.

Rough trees.--Live trees of commercial species that do not contain at least one 12-foot saw log, now or respectively, primarily because of roughness or poor form. (Includes all live trees of non-commercial species).

Sawtimber trees.--Live trees that are of commercial species, contain at least a 12-foot saw log, 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.

Sawtimber volume.--Net volume of the sawlog portion of live sawtimber in board feet, International 1/4-inch rule and in cubic feet.

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 size class of growing-stock trees on the area; that is, sawtimber, poletimber, or sapling and seedling.

Table 2.--Sampling errors for timber volume by species, 1982

Species	Growing stock	Sawtimber
----- percent -----		
Softwood:		
Longleaf pine	18	19
Slash pine	21	23
Shortleaf pine	8	9
Loblolly pine	5	6
Virginia pine	48	(1)
Spruce pine	26	28
Redcedar	36	(1)
Cypress	(1)	(1)
Total	4.2	4.7
Hardwood:		
Select white oaks	11	14
Select red oaks	24	24
Other white oaks	13	17
Other red oaks	7	8
Bitter pecan	(1)	...
Other hickories	10	14
Persimmon	26	(1)
Hard maple	(1)	(1)
Soft maple	19	31
Boxelder	(1)	(1)
Beech	32	39
Sweetgum	7	11
Blackgum	14	19
Other gums	28	33
White ash	37	36
Other ashes	22	25
Sycamore	40	43
Cottonwood	61	(1)
Basswood	36	50
Yellow-poplar	12	14
Magnolia	27	39
Sweetbay	18	20
Willow	(1)	(1)
Black walnut	(1)	...
Black cherry	37	(1)
American elm	32	33
Other elms	22	29
River birch	42	45
Hackberry	41	44
Black locust	(1)	(1)
Other locusts	(1)	...
Dogwood	27	...
Holly	41	(1)
Other hardwoods	(1)	...
Total	3.4	4.5
All species	2.8	3.7

¹ Exceeds 50 percent.

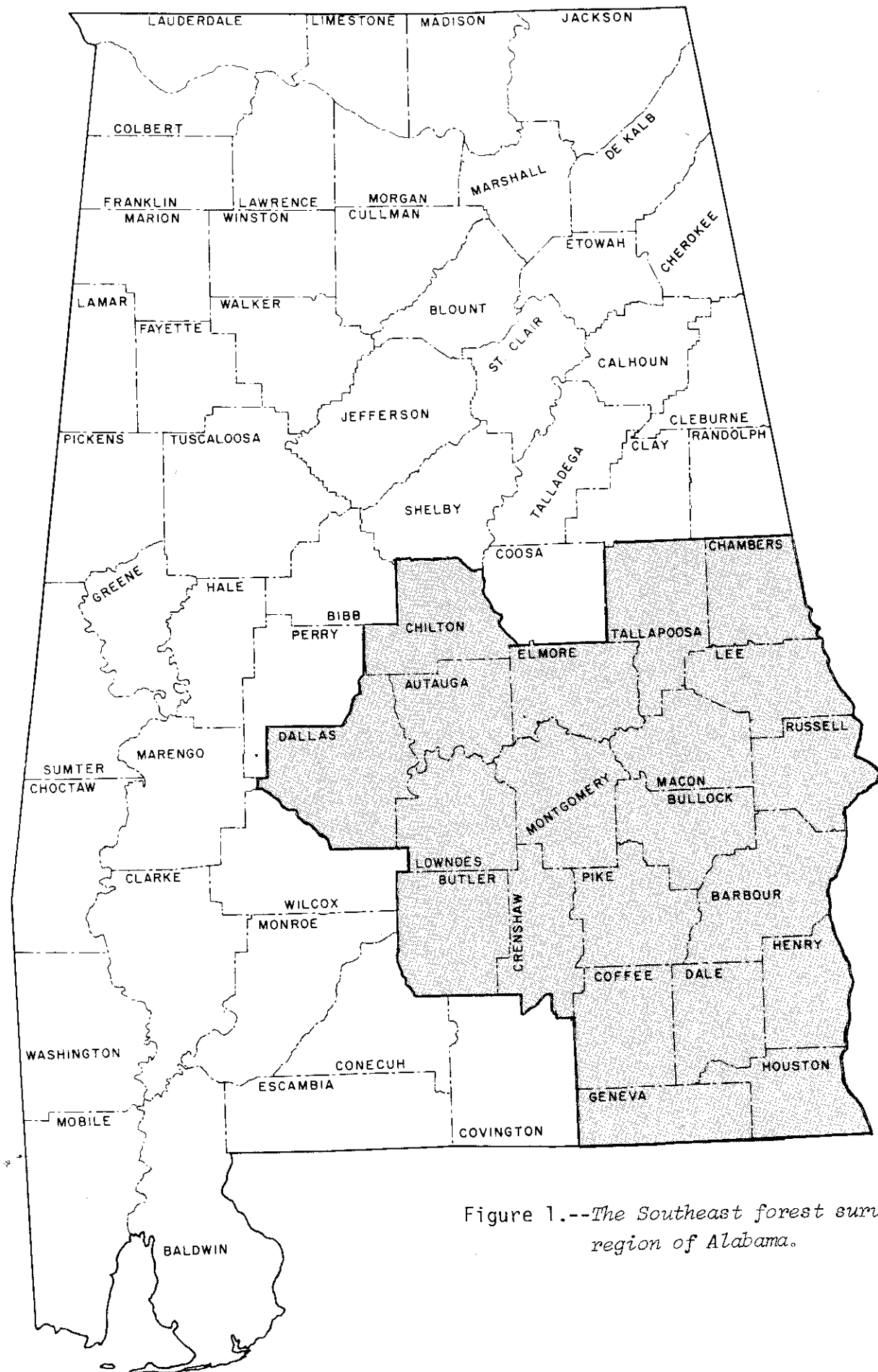


Figure 1.--The Southeast forest survey region of Alabama.

Table 3.--Total area and commercial forest land, 1982

County	Total area ¹	Commercial forest land	
		1982	1972
----- thousand acres -----			
Autauga	386.6	241.9	253.7
Barbour	575.4	366.5	385.0
Bullock	393.6	267.6	232.2
Butler	494.7	392.1	371.2
Chambers	383.4	274.1	270.0
Chilton	451.2	302.5	296.4
Coffee	433.3	248.1	241.5
Crenshaw	391.0	274.6	274.5
Dale	358.4	217.8	225.5
Dallas	629.7	297.4	313.5
Elmore	421.8	263.8	243.0
Geneva	369.9	137.5	159.0
Henry	361.6	195.4	209.1
Houston	370.6	96.2	107.5
Lee	395.5	223.7	264.0
Lowndes	460.2	258.3	224.0
Macon	394.2	226.9	218.4
Montgomery	508.8	200.4	171.1
Pike	430.7	263.3	250.8
Russell	409.6	285.2	268.4
Tallapoosa	492.1	382.4	369.6
All counties	9,112.3	5,415.8	5,348.4

¹ United States Bureau of the Census, Land and Water Area of the United States.

Table 4.--Commercial forest land by ownership class,¹ 1982

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
----- thousand acres -----						
Autauga	241.9	...	5.8	97.9	74.9	63.3
Barbour	366.5	...	5.5	38.3	125.8	196.9
Bullock	267.6	...	...	34.9	110.5	122.2
Butler	392.1	...	...	193.1	128.7	70.2
Chambers	274.1	...	6.0	17.9	89.4	160.9
Chilton	302.5	22.0	...	55.0	110.0	115.5
Coffee	248.1	...	6.4	31.8	82.7	127.2
Crenshaw	274.6	...	...	67.1	183.1	24.4
Dale	217.8	...	32.7	5.4	65.4	114.4
Dallas	297.4	...	...	55.4	121.0	121.0
Elmore	263.8	...	6.1	12.3	73.6	171.8
Geneva	137.5	...	14.7	4.9	63.8	54.0
Henry	195.4	...	...	40.1	55.1	100.2
Houston	96.2	...	4.2	...	41.8	50.2
Lee	223.7	...	4.9	34.0	24.3	160.5
Lowndes	258.3	...	...	86.1	129.2	43.1
Macon	226.9	11.6	...	29.1	93.1	93.1
Montgomery	200.4	...	...	12.1	145.8	42.5
Pike	263.3	...	...	49.0	116.3	98.0
Russell	285.2	...	24.8	37.2	80.6	142.6
Tallapoosa	382.4	...	6.0	47.8	83.4	245.0
All counties	5,415.8	33.6	116.9	949.6	1,998.8	2,316.9

¹ Totals may not add due to rounding.

Table 5.--Commercial forest land by forest type,¹ 1982

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked areas
----- thousand acres -----								
Autauga	241.9	40.3	86.4	57.6	51.8	5.8	...	...
Barbour	366.5	16.4	147.7	76.6	87.5	32.8	...	5.5
Bullock	267.6	...	104.7	40.7	98.9	23.3	...	...
Butler	392.1	11.7	175.6	81.9	93.6	17.6	5.9	5.9
Chambers	274.1	...	166.8	23.8	77.5	6.0	...	...
Chilton	302.5	22.0	99.0	66.0	104.5	11.0	...	...
Coffee	248.1	19.1	50.9	70.0	76.3	25.4	...	6.4
Crenshaw	274.6	18.3	79.3	48.8	61.0	61.0	...	6.1
Dale	217.8	16.3	43.6	54.5	70.8	21.8	...	10.9
Dallas	297.4	...	115.9	55.4	85.7	40.3	...	...
Elmore	263.8	12.3	73.6	30.7	122.7	18.4	6.1	...
Geneva	137.5	24.5	14.7	19.6	29.5	39.3	4.9	4.9
Henry	195.4	5.0	75.2	30.1	70.2	15.0	...	...
Houston	96.2	16.7	20.9	20.9	12.5	25.1	...	...
Lee	223.7	9.7	97.3	48.6	48.6	14.6	...	4.9
Lowndes	258.3	...	73.8	61.5	67.7	43.1	12.3	...
Macon	226.9	...	64.0	40.7	64.0	40.7	5.8	11.6
Montgomery	200.4	...	66.8	30.4	48.6	54.7	...	...
Pike	263.3	12.2	55.1	30.6	116.3	30.6	...	18.4
Russell	285.2	6.2	142.6	62.0	49.6	24.8	...	...
Tallapoosa	382.4	...	137.4	83.6	155.4	6.0	...	...
All counties	5,415.8	230.9	1,891.3	1,034.1	1,592.7	557.2	35.0	74.5

¹ Totals may not add due to rounding.

Table 6.--Commercial forest land by stand-size class,¹ 1982

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- thousand acres -----					
Autauga	241.9	92.1	51.8	97.9	...
Barbour	366.5	153.2	120.3	87.5	5.5
Bullock	267.6	122.2	58.2	87.3	...
Butler	392.1	134.6	117.0	134.6	5.9
Chambers	274.1	101.3	83.4	89.4	...
Chilton	302.5	88.0	115.5	99.0	...
Coffee	248.1	76.3	63.6	101.8	6.4
Crenshaw	274.6	79.3	103.8	85.4	6.1
Dale	217.8	76.2	92.6	38.1	10.9
Dallas	297.4	105.8	60.5	131.0	...
Elmore	263.8	61.4	85.9	116.6	...
Geneva	137.5	44.2	44.2	44.2	4.9
Henry	195.4	75.2	55.1	65.1	...
Houston	96.2	29.3	41.8	25.1	...
Lee	223.7	68.1	73.0	77.8	4.9
Lowndes	258.3	86.1	110.7	61.5	...
Macon	226.9	64.0	81.4	69.8	11.6
Montgomery	200.4	79.0	72.9	48.6	...
Pike	263.3	73.5	79.6	91.8	18.4
Russell	285.2	105.4	86.8	93.0	...
Tallapoosa	382.4	107.5	101.6	173.3	...
All counties	5,415.8	1,822.7	1,699.7	1,818.9	74.5

¹ Totals may not add due to rounding.

Table 7.--Commercial forest land by site class,¹ 1982

County	All classes	165 ft ³ or more	120-165 ft ³	85-120 ft ³	50-85 ft ³	Less than 50 ft ³
----- thousand acres -----						
Autauga	241.9	...	34.6	97.9	92.1	17.3
Barbour	366.5	10.9	71.1	175.0	98.5	10.9
Bullock	267.6	64.0	98.9	64.0	40.7	...
Butler	392.1	...	134.6	117.0	128.7	11.7
Chambers	274.1	6.0	59.6	125.1	77.5	6.0
Chilton	302.5	38.5	49.5	126.5	88.0	...
Coffee	248.1	6.4	44.5	146.3	44.5	6.4
Crenshaw	274.6	...	42.7	97.6	122.1	12.2
Dale	217.8	5.4	38.1	103.5	65.4	5.4
Dallas	297.4	45.4	80.6	126.0	45.4	...
Elmore	263.8	12.3	73.6	104.3	67.5	6.1
Geneva	137.5	...	9.8	63.8	49.1	14.7
Henry	195.4	...	35.1	100.2	55.1	5.0
Houston	96.2	...	20.9	50.2	20.9	4.2
Lee	223.7	...	43.8	48.6	102.1	29.2
Lowndes	258.3	6.2	67.7	141.5	43.1	...
Macon	226.9	17.5	5.8	93.1	110.5	...
Montgomery	200.4	30.4	30.4	97.2	36.4	6.1
Pike	263.3	6.1	42.9	134.7	79.6	...
Russell	285.2	...	31.0	155.0	93.0	6.2
Tallapoosa	382.4	...	59.7	173.3	125.5	23.9
All counties	5,415.8	248.9	1,074.9	2,340.9	1,585.7	165.3

¹ Totals may not add due to rounding.Table 8.--Commercial forest land by physiographic site class,¹ 1982

County	All sites	Pine	Upland hardwood	Bottomland hardwood
----- thousand acres -----				
Autauga	241.9	230.4	...	11.5
Barbour	366.5	322.7	10.9	32.8
Bullock	67.6	232.7	11.6	23.3
Butler	392.1	351.1	5.9	35.1
Chambers	274.1	268.1	...	6.0
Chilton	302.5	286.0	5.5	11.0
Coffee	248.1	216.3	...	31.8
Crenshaw	274.6	207.5	...	67.1
Dale	217.8	185.2	5.4	27.2
Dallas	297.4	247.0	5.0	45.4
Elmore	263.8	239.3	...	24.5
Geneva	137.5	88.4	...	49.1
Henry	195.4	175.4	5.0	15.0
Houston	96.2	71.1	...	25.1
Lee	223.7	175.1	29.2	19.5
Lowndes	258.3	203.0	...	55.4
Macon	226.9	180.3	...	46.5
Montgomery	200.4	145.8	...	54.7
Pike	263.3	220.4	...	42.9
Russell	285.2	260.4	...	24.8
Tallapoosa	382.4	370.5	6.0	6.0
All counties	5,415.8	4,676.5	84.6	654.6

¹ Totals may not add due to rounding.

Table 9.--Commercial forest land by site class and stand-size class,¹ 1982

Stand-size class	All classes	165 ft ³ or more	120-165 ft ³	85-120 ft ³	50-85 ft ³	Less than 50 ft ³
----- thousand acres -----						
Sawtimber	1,822.7	146.4	521.6	789.4	315.2	50.0
Poletimber	1,699.7	80.2	311.2	735.0	534.8	38.5
Sapling and seedling	1,818.9	22.3	218.0	804.9	696.9	76.8
Nonstocked areas	74.5	...	24.2	11.6	38.7	...
All classes	5,415.8	248.9	1,074.9	2,340.9	1,585.7	165.3

¹ Totals may not add due to rounding.Table 10.--Commercial forest land by forest type and stand-size class,¹ 1982

Stand-size class	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked areas
----- thousand acres -----								
Sawtimber	1,822.7	132.0	735.8	343.5	306.2	294.2	11.0	...
Poletimber	1,699.7	82.2	533.5	316.7	573.2	182.1	12.0	...
Sapling and seedling	1,818.9	16.7	622.0	374.0	713.3	80.9	12.0	...
Nonstocked areas	74.5	...	...	...	...	...	...	74.5
All classes	5,415.8	230.9	1,891.3	1,034.1	1,592.7	557.2	35.0	74.5

¹ Totals may not add due to rounding.Table 11.--Growing-stock volume on commercial forest land by species group,¹ 1982

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- million cubic feet -----								
Autauga	215.3	154.8	154.8	...	60.5	22.2	22.2	16.1
Barbour	419.9	254.8	254.8	...	165.1	60.6	54.6	49.9
Bullock	223.4	127.6	127.4	0.3	95.7	32.2	36.3	27.2
Butler	357.8	235.1	233.1	1.7	122.8	39.6	39.3	43.9
Chambers	304.4	198.6	197.5	1.1	105.8	29.2	39.6	37.0
Chilton	250.3	129.8	129.8	...	120.5	64.5	15.9	40.1
Coffee	208.0	89.7	89.7	...	118.3	51.0	21.5	45.8
Crenshaw	272.6	124.4	123.1	1.3	148.2	43.3	47.1	57.8
Dale	210.7	104.2	102.8	1.4	106.5	40.6	37.3	28.6
Dallas	274.0	136.3	136.3	...	137.7	45.1	62.0	30.5
Elmore	192.5	68.5	63.0	5.5	123.9	43.3	41.2	39.4
Geneva	104.5	45.6	44.7	0.9	58.9	15.7	17.2	26.0
Henry	155.7	82.4	82.4	...	73.3	40.8	13.0	19.5
Houston	100.1	45.9	45.9	...	54.2	15.0	19.5	19.7
Lee	190.5	110.5	110.5	...	79.9	14.5	33.5	32.0
Lowndes	246.7	116.9	116.9	...	129.7	43.3	38.4	48.1
Macon	232.7	89.9	89.9	...	142.8	59.0	36.5	47.3
Montgomery	240.6	128.4	126.4	2.0	112.2	37.2	41.8	33.2
Pike	174.9	82.0	81.3	0.7	92.9	43.6	29.7	19.6
Russell	313.2	198.4	198.4	...	114.8	26.8	60.0	28.0
Tallapoosa	317.0	146.3	145.7	0.6	170.7	66.8	47.7	56.2
All counties	5,004.7	2,670.1	2,654.6	15.4	2,334.6	834.3	754.4	745.9

¹ Totals may not add due to rounding.

Table 12.--Growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land by species group,¹ 1982

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- million cubic feet -----								
Autauga	142.4	114.0	114.0	...	28.4	7.6	13.2	7.7
Barbour	237.5	179.5	179.5	...	57.9	24.2	7.8	26.0
Bullock	136.0	94.9	94.9	...	41.0	15.3	11.6	14.1
Butler	207.7	150.7	149.4	1.3	57.0	20.8	13.5	22.8
Chambers	159.4	111.8	110.9	0.9	47.6	14.6	12.5	20.6
Chilton	117.3	77.4	77.4	...	39.8	23.9	2.1	13.7
Coffee	109.9	54.9	54.9	...	55.0	22.2	8.0	24.8
Crenshaw	155.3	86.0	86.0	...	69.3	16.8	20.0	32.5
Dale	112.4	75.2	74.6	0.6	37.2	12.7	11.0	13.4
Dallas	157.0	103.6	103.6	...	53.5	19.9	16.6	16.9
Elmore	101.0	40.8	35.8	5.0	60.2	15.7	22.5	22.0
Geneva	53.9	32.6	32.0	0.7	21.2	4.7	6.0	10.6
Henry	84.2	56.2	56.2	...	28.0	17.8	2.9	7.3
Houston	52.1	31.3	31.3	...	20.9	5.6	5.8	9.5
Lee	100.1	60.2	60.2	...	39.9	4.5	16.2	19.2
Lowndes	130.1	70.9	70.9	...	59.2	19.9	13.5	25.7
Macon	122.7	61.8	61.8	...	60.9	25.9	14.2	20.8
Montgomery	143.0	95.6	93.8	1.8	47.4	11.8	20.9	14.7
Pike	89.6	57.7	57.7	...	31.9	16.8	7.1	8.0
Russell	184.8	140.6	140.6	...	44.2	11.7	21.4	11.1
Tallapoosa	138.8	68.8	68.8	...	69.9	34.7	11.3	24.0
All counties	2,735.1	1,764.7	1,754.4	10.3	970.4	347.1	258.0	365.3

¹ Totals may not add due to rounding.

Table 13.--Sawtimber volume on commercial forest land by species group,¹ 1982

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- million board feet -----								
Autauga	854.8	682.1	682.1	...	172.7	45.9	80.0	46.8
Barbour	1,415.3	1,058.4	1,058.4	...	356.9	151.9	47.2	157.8
Bullock	788.6	543.6	543.6	...	245.0	94.5	67.9	82.5
Butler	1,271.0	920.2	914.1	6.1	350.9	128.9	82.2	139.8
Chambers	908.9	635.4	630.3	5.1	273.5	86.9	70.3	116.3
Chilton	690.8	453.3	453.3	...	237.5	147.6	11.6	78.2
Coffee	648.5	318.9	318.9	...	329.7	132.6	46.5	150.6
Crenshaw	919.5	512.0	512.0	...	407.5	104.1	112.5	190.9
Dale	667.0	444.6	440.7	3.9	222.5	79.0	65.2	78.3
Dallas	960.7	635.4	635.4	...	325.3	123.4	98.8	103.1
Elmore	586.3	229.6	198.1	31.4	356.7	96.0	129.3	131.5
Geneva	317.6	192.5	189.2	3.3	125.1	29.2	34.9	60.9
Henry	496.3	326.3	326.3	...	169.9	107.1	19.5	43.3
Houston	310.7	188.4	188.4	...	122.3	36.7	30.4	55.2
Lee	585.4	339.6	339.6	...	245.8	29.6	97.9	118.3
Lowndes	783.4	425.1	425.1	...	358.3	125.5	80.2	152.5
Macon	743.6	368.5	368.5	...	375.0	160.9	90.3	123.8
Montgomery	852.2	556.9	546.8	10.1	295.4	78.5	127.8	89.2
Pike	524.1	335.7	335.7	...	188.4	99.4	39.0	50.0
Russell	1,096.6	830.3	830.3	...	266.3	73.5	128.6	64.1
Tallapoosa	823.6	398.1	398.1	...	425.5	212.9	67.8	144.7
All counties	16,245.0	10,394.9	10,335.0	59.9	5,850.1	2,144.3	1,527.9	2,177.9

¹ Totals may not add due to rounding.

Table 14.--*Growing-stock volume of softwoods on commercial forest land by forest type,¹ 1982*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-Ash-cottonwood	Nonstocked areas
----- million cubic feet -----								
Autauga	154.8	47.5	75.6	29.3	2.4	...	...	...
Barbour	254.8	14.5	182.8	43.1	13.2	1.2	...	...
Bullock	127.6	...	103.8	13.6	10.3	...	...	...
Butler	235.1	13.4	152.2	59.9	8.3	1.2	...	...
Chambers	198.6	...	176.6	17.7	4.3	...	...	...
Chilton	129.8	16.9	70.5	30.7	10.6	1.1	...	...
Coffee	89.7	10.0	31.3	29.9	12.3	1.4	...	4.9
Crenshaw	124.4	35.8	35.0	33.0	13.2	4.7	...	2.6
Dale	104.2	5.8	47.5	39.7	8.1	3.1	...	...
Dallas	136.3	...	110.6	21.6	4.1	...	...	...
Elmore	68.5	10.7	36.8	8.2	6.2	5.5	1.0	...
Geneva	45.6	29.9	8.9	2.8	1.3	1.8	...	0.9
Henry	82.4	6.6	63.3	6.1	6.4	...	...	...
Houston	45.9	24.9	12.3	4.5	3.4	0.9	...	...
Lee	110.5	10.4	75.6	20.4	1.6	2.4	...	...
Lowndes	116.9	...	86.0	28.9	2.1	...	...	...
Macon	89.9	...	51.4	24.7	11.6	1.4	...	0.7
Montgomery	128.4	...	96.4	19.2	7.0	5.9	...	...
Pike	82.0	12.6	41.5	11.8	12.2	3.8	...	...
Russell	198.4	3.6	162.0	26.0	6.8	...	...	...
Tallapoosa	146.3	...	96.0	30.5	19.8	...	...	...
All counties	2,670.1	242.6	1,716.2	501.5	165.0	34.5	1.0	9.2

¹ Totals may not add due to rounding.Table 15.--*Growing-stock volume of hardwoods on commercial forest land by forest type,¹ 1982*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-Ash-cottonwood	Nonstocked areas
----- million cubic feet -----								
Autauga	60.5	...	5.2	23.6	14.6	17.1	...	...
Barbour	165.1	1.7	31.0	31.5	63.5	37.4	...	...
Bullock	95.7	...	8.4	15.8	47.6	23.9	...	...
Butler	122.8	0.4	21.9	37.7	48.4	11.8	2.6	...
Chambers	105.8	...	19.1	17.9	64.3	4.4	...	...
Chilton	120.5	5.8	8.6	32.0	67.4	6.7	...	...
Coffee	118.3	1.6	4.4	35.3	36.8	40.2	...	...
Crenshaw	148.2	1.8	12.9	30.3	42.3	60.9	...	...
Dale	106.5	...	6.2	28.7	57.0	13.6	...	1.0
Dallas	137.7	...	21.7	23.2	42.8	50.0	...	...
Elmore	123.9	1.1	4.1	9.4	79.0	20.5	10.0	...
Geneva	58.9	2.3	0.3	0.7	13.9	38.4	3.3	...
Henry	73.3	...	8.7	9.1	43.1	12.3	...	...
Houston	54.2	4.1	0.9	6.6	8.5	34.2	...	...
Lee	79.9	...	9.9	15.4	28.3	24.8	...	1.6
Lowndes	129.7	...	17.7	30.0	17.9	60.7	3.4	...
Macon	142.8	...	12.7	10.4	39.3	78.6	0.7	1.1
Montgomery	112.2	...	5.4	13.5	26.6	66.7	...	...
Pike	92.9	...	7.8	10.4	52.2	20.7	...	1.8
Russell	114.8	...	12.6	31.2	24.3	46.7	...	...
Tallapoosa	170.7	...	12.3	34.1	115.2	9.1	...	...
All counties	2,334.6	18.8	231.7	446.8	933.0	678.8	20.0	5.6

¹ Totals may not add due to rounding.

Table 16.--Softwood growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land,¹ 1982

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked areas
----- million cubic feet -----								
Autauga	114.0	30.6	55.0	26.2	2.2	...	...	...
Barbour	179.5	8.3	129.2	31.3	9.7	1.1	...	...
Bullock	94.9	...	75.7	10.9	8.4	...	...	...
Butler	150.7	8.4	82.4	51.4	7.0	1.2	...	...
Chambers	111.8	...	95.1	13.1	3.7	...	...	...
Chilton	77.4	14.3	32.8	22.4	6.9	1.1	...	...
Coffee	54.9	5.4	19.3	19.1	7.7	1.3	...	2.3
Crenshaw	86.0	24.3	20.3	25.3	10.3	3.3	...	2.4
Dale	75.2	4.4	35.1	27.9	6.1	1.6	...	...
Dallas	103.6	...	84.1	16.6	2.9	...	...	...
Elmore	40.8	6.7	19.4	4.1	4.6	5.0	1.0	...
Geneva	32.6	21.9	6.6	0.6	1.2	1.5	...	0.8
Henry	56.2	4.2	42.4	4.9	4.8	...	...	...
Houston	31.3	17.6	7.0	2.8	3.1	0.9	...	...
Lee	60.2	4.8	40.8	12.2	0.8	1.5	...	...
Lowndes	70.9	...	45.7	23.3	2.0	...	...	...
Macon	61.8	...	34.2	17.1	9.1	1.3	...	...
Montgomery	95.6	...	70.3	14.3	5.8	5.3	...	...
Pike	57.7	9.2	24.7	9.5	10.6	3.7	...	...
Russell	140.6	...	117.0	19.7	4.0	...	...	...
Tallapoosa	68.8	...	41.3	16.7	10.8	...	...	...
All counties	1,764.7	160.1	1,078.6	369.4	121.4	28.7	1.0	5.6

¹ Totals may not add due to rounding.

Table 17.--Hardwood growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land,¹ 1982

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked areas
----- million cubic feet -----								
Autauga	28.4	...	1.6	10.3	3.1	13.5	...	...
Barbour	57.9	...	10.7	10.5	16.0	20.7	...	...
Bullock	41.0	...	4.5	5.9	19.7	11.0	...	...
Butler	57.0	...	10.9	18.5	21.8	5.8	...	...
Chambers	47.6	...	6.9	8.7	29.1	2.8	...	...
Chilton	39.8	2.7	3.3	9.4	20.7	3.7	...	...
Coffee	55.0	...	...	19.6	11.0	24.5	...	...
Crenshaw	69.3	...	7.0	12.6	16.2	33.5	...	...
Dale	37.2	...	0.8	9.2	21.3	5.1	...	0.9
Dallas	53.5	...	9.7	8.1	16.1	19.6	...	...
Elmore	60.2	...	2.3	4.9	33.8	12.0	7.1	...
Geneva	21.2	0.6	...	...	3.5	15.2	2.0	...
Henry	28.0	...	2.8	3.4	18.1	3.7	...	...
Houston	20.9	1.2	...	1.8	3.1	14.8	...	...
Lee	39.9	...	3.0	3.6	14.2	17.9	...	1.2
Lowndes	59.2	...	7.6	14.0	3.5	33.2	0.9	...
Macon	60.9	...	5.2	2.1	14.4	38.3	...	0.9
Montgomery	47.4	...	0.8	4.8	4.4	37.4	...	...
Pike	31.9	...	0.9	1.4	20.0	9.6	...	...
Russell	44.2	...	3.2	9.4	6.7	24.9	...	...
Tallapoosa	69.9	...	3.3	13.5	48.3	4.8	...	...
All counties	970.4	4.5	84.3	171.6	345.0	352.1	10.0	3.0

¹ Totals may not add due to rounding.

Table 18.--*Growing-stock volume of softwoods on commercial forest land by stand-size class,¹ 1982*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- million cubic feet -----					
Autauga	154.8	112.7	27.2	14.9	...
Barbour	254.8	174.8	59.3	20.7	...
Bullock	127.6	99.0	15.5	13.2	...
Butler	235.1	149.3	64.6	21.1	...
Chambers	198.6	103.7	66.5	28.5	...
Chilton	129.8	75.0	31.9	22.8	...
Coffee	89.7	38.5	28.1	18.2	4.9
Crenshaw	124.4	83.2	28.7	9.8	2.6
Dale	104.2	60.9	35.8	7.4	...
Dallas	136.3	101.4	21.8	13.1	...
Elmore	68.5	29.2	14.7	24.6	...
Geneva	45.6	28.8	13.3	2.6	0.9
Henry	82.4	56.6	23.9	1.9	...
Houston	45.9	26.2	12.8	6.9	...
Lee	110.5	54.2	41.5	14.9	...
Lowndes	116.9	62.8	49.8	4.4	...
Macon	89.9	46.8	26.4	15.9	0.7
Montgomery	128.4	86.7	35.3	6.5	...
Pike	82.0	42.4	34.9	4.6	...
Russell	198.4	143.5	48.0	6.9	...
Tallapoosa	146.3	68.7	56.4	21.2	...
All counties	2,670.1	1,644.5	736.3	280.1	9.2

¹ Totals may not add due to rounding.

Table 19.--*Growing-stock volume of hardwoods on commercial forest land by stand-size class,¹ 1982*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- million cubic feet -----					
Autauga	60.5	33.8	17.8	8.8	...
Barbour	165.1	84.8	69.5	10.7	...
Bullock	95.7	48.7	35.8	11.3	...
Butler	122.8	80.7	32.1	9.9	...
Chambers	105.8	65.7	26.1	14.1	...
Chilton	120.5	44.5	60.8	15.2	...
Coffee	118.3	81.3	23.2	13.7	...
Crenshaw	148.2	78.4	58.2	11.6	...
Dale	106.5	47.3	51.1	7.0	1.0
Dallas	137.7	62.9	51.8	23.0	...
Elmore	123.9	61.3	49.3	13.4	...
Geneva	58.9	26.4	25.6	6.9	...
Henry	73.3	33.7	30.9	8.7	...
Houston	54.2	30.4	22.1	1.7	...
Lee	79.9	50.8	20.9	6.7	1.6
Lowndes	129.7	85.7	34.0	10.0	...
Macon	142.8	78.5	50.7	12.5	1.1
Montgomery	112.2	64.0	42.9	5.3	...
Pike	92.9	45.8	37.8	7.5	1.8
Russell	114.8	57.9	48.4	8.5	...
Tallapoosa	170.7	75.1	61.2	34.5	...
All counties	2,334.6	1,237.8	850.2	241.0	5.6

¹ Totals may not add due to rounding.

Table 20.--Softwood growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land by stand-size class,¹ 1982

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- million cubic feet -----					
Autauga	114.0	91.1	13.4	9.5	...
Barbour	179.5	134.4	34.3	10.9	...
Bullock	94.9	76.7	8.6	9.6	...
Butler	150.7	120.5	16.2	14.0	...
Chambers	111.8	79.3	18.2	14.3	...
Chilton	77.4	53.1	12.3	12.1	...
Coffee	54.9	28.5	14.3	9.8	2.3
Crenshaw	86.0	64.4	13.8	5.4	2.4
Dale	75.2	48.8	21.0	5.5	...
Dallas	103.6	88.6	11.0	4.0	...
Elmore	40.8	21.0	7.1	12.6	...
Geneva	32.6	24.9	5.7	1.2	0.8
Henry	56.2	41.9	12.6	1.7	...
Houston	31.3	21.6	5.7	4.0	...
Lee	60.2	37.3	14.5	8.4	...
Lowndes	70.9	53.1	14.8	3.0	...
Macon	61.8	40.3	13.7	7.8	...
Montgomery	95.6	71.8	19.1	4.6	...
Pike	57.7	35.9	18.6	3.2	...
Russell	140.6	119.4	18.4	2.8	...
Tallapoosa	68.8	53.0	8.0	7.9	...
All counties	1,764.7	1,305.6	301.4	152.1	5.6

¹ Totals may not add due to rounding.

Table 21.--Hardwood growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land by stand-size class,¹ 1982

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- million cubic feet -----					
Autauga	28.4	22.6	5.3	0.5	...
Barbour	57.9	43.6	13.5	0.9	...
Bullock	41.0	26.1	10.5	4.4	...
Butler	57.0	47.6	7.2	2.3	...
Chambers	47.6	33.7	8.3	5.6	...
Chilton	39.8	22.4	14.1	3.3	...
Coffee	55.0	48.9	3.1	3.0	...
Crenshaw	69.3	44.9	18.4	6.0	...
Dale	37.2	24.0	9.4	2.9	0.9
Dallas	53.5	32.8	10.3	10.3	...
Elmore	60.2	40.6	12.8	6.8	...
Geneva	21.2	14.1	7.1	...	...
Henry	28.0	20.8	6.0	1.3	...
Houston	20.9	15.8	5.1	...	...
Lee	39.9	31.2	5.1	2.4	1.2
Lowndes	59.2	48.8	6.5	3.8	...
Macon	60.9	41.7	15.8	2.6	0.9
Montgomery	47.4	36.3	8.9	2.2	...
Pike	31.9	22.8	7.0	2.1	...
Russell	44.2	28.4	10.1	5.6	...
Tallapoosa	69.9	43.3	17.5	9.1	...
All counties	970.4	690.4	202.4	74.9	3.0

¹ Totals may not add due to rounding.

Table 22.--*Growing-stock volume on commercial forest land by physiographic site class and species group,¹ 1982*

County	All sites	Pine		Upland hardwood		Bottomland hardwood	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
----- million cubic feet -----							
Autauga	215.3	147.3	38.2	...	...	7.4	22.3
Barbour	419.9	252.4	119.1	1.2	8.6	1.2	37.4
Bullock	223.4	127.6	67.0	...	4.8	...	23.9
Butler	357.8	227.8	91.2	...	10.8	7.2	20.7
Chambers	304.4	198.6	101.4	...	...	...	4.4
Chilton	250.3	128.7	109.8	...	4.0	1.1	6.7
Coffee	208.0	84.4	72.4	...	...	5.2	45.9
Crenshaw	272.6	110.1	81.9	...	...	14.3	66.3
Dale	210.7	101.1	89.5	...	2.4	3.1	14.6
Dallas	274.0	134.2	75.0	...	3.5	2.1	59.3
Elmore	192.5	62.0	93.5	...	...	6.6	30.5
Geneva	104.5	42.9	17.2	...	...	2.7	41.8
Henry	155.7	82.4	55.3	...	5.7	...	12.3
Houston	100.1	45.0	20.0	...	...	0.9	34.2
Lee	190.5	101.9	29.9	5.7	24.6	3.0	25.4
Lowndes	246.7	116.9	65.6	...	...	...	64.1
Macon	232.7	88.5	63.5	...	...	1.4	79.3
Montgomery	240.6	122.6	45.5	...	...	5.9	66.7
Pike	174.9	78.1	71.3	...	...	3.8	21.6
Russell	313.2	198.4	68.1	...	...	...	46.7
Tallapoosa	317.0	146.3	161.7	...	...	...	9.1
All counties	5,004.7	2,597.3	1,537.1	6.9	64.3	65.9	733.2

¹ Totals may not add due to rounding.

Table 23.--*Volume of timber on commercial forest land by class of timber and species group,¹ 1982*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
----- million cubic feet -----							
Autauga	251.5	154.8	60.5	5.9	24.6	...	5.7
Barbour	490.9	254.8	165.1	28.1	34.7	3.2	5.0
Bullock	297.8	127.6	95.7	21.3	31.8	5.1	16.3
Butler	418.0	235.1	122.8	21.0	23.7	5.6	9.9
Chambers	335.2	198.6	105.8	1.0	24.3	1.9	3.6
Chilton	308.3	129.8	120.5	11.8	26.2	...	20.0
Coffee	278.5	89.7	118.3	23.7	30.1	5.1	11.7
Crenshaw	336.4	124.4	148.2	19.6	30.9	...	13.2
Dale	265.4	104.2	106.5	8.7	35.3	1.3	9.6
Dallas	353.3	136.3	137.7	17.1	39.9	1.1	21.1
Elmore	266.2	68.5	123.9	13.5	32.2	0.8	27.3
Geneva	140.4	45.6	58.9	0.9	28.4	...	6.5
Henry	203.3	82.4	73.3	6.3	21.2	0.4	19.7
Houston	126.0	45.9	54.2	7.5	14.6	...	3.8
Lee	253.4	110.5	79.9	15.8	42.7	0.8	3.7
Lowndes	304.0	116.9	129.7	18.5	26.6	...	12.2
Macon	288.7	89.9	142.8	8.4	40.5	...	7.1
Montgomery	304.0	128.4	112.2	23.1	30.1	...	10.2
Pike	219.0	82.0	92.9	12.3	22.8	...	9.0
Russell	354.9	198.4	114.8	16.0	21.5	...	4.2
Tallapoosa	368.2	146.3	170.7	3.9	33.9	...	13.5
All counties	6,163.7	2,670.1	2,334.6	284.4	615.9	25.3	233.3

¹ Totals may not add due to rounding.

Table 24.--Number of growing-stock trees by species and diameter class,¹ 1982

Species	Diameter class (inches at breast height)										
	All classes	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 -----											
Softwood:											
Longleaf pine	14,004	3,715	3,083	3,159	1,712	1,310	658	254	79	31	...
Slash pine	16,592	6,273	4,337	3,534	1,762	429	125	78	30	22	...
Shortleaf pine	66,820	28,868	15,657	11,452	5,796	3,430	1,014	442	98	61	...
Loblolly pine	155,880	65,123	39,538	19,945	13,339	8,027	5,226	2,438	1,166	986	88
Virginia pine	1,092	703	341	...	46	...	...	...	...	...	...
Spruce pine	5,140	1,359	1,213	775	615	365	426	236	77	70	...
Redcedar	1,646	1,040	281	278	45	...	...	...	...	...	...
Cypress	618	170	149	160	...	88	...	...	...	49	...
Total	261,796	107,254	64,602	39,306	23,318	13,651	7,450	3,449	1,452	1,221	88
Hardwood:											
Select white oaks ²	15,306	6,583	3,669	1,692	1,712	525	508	408	84	122	...
Select red oaks ³	2,127	629	98	680	232	131	85	120	20	128	...
Other white oaks	12,106	6,067	2,328	1,935	1,087	340	199	28	57	62	...
Other red oaks	64,232	27,018	15,518	9,663	5,697	2,763	1,674	930	452	482	32
Bitter pecan	87	...	...	87	...	...	...	...	...	...	...
Other hickories	19,669	6,871	5,485	3,680	1,479	1,223	519	268	62	78	...
Persimmon	2,665	1,677	702	140	116	...	29	...	...	...	...
Hard maple	282	...	...	246	...	36	...	...	...	...	...
Soft maple	7,056	4,600	1,072	505	573	84	176	26	18	...	...
Boxelder	413	...	137	...	227	48	...	...	...	...	...
Beech	1,249	457	397	72	53	124	59	43	...	41	...
Sweetgum	77,666	38,890	20,804	10,110	4,265	2,026	988	314	144	106	14
Blackgum	13,459	4,825	2,956	2,799	1,588	950	253	55	19	12	...
Other gums	10,990	3,756	2,585	1,539	1,291	1,244	285	153	134	...	...
White ash	1,186	292	212	75	213	281	91	...	20	...	...
Other ashes	5,051	2,519	721	548	623	400	224	...	...	13	...
Sycamore	1,606	581	330	184	...	253	72	78	57	39	8
Cottonwood	166	...	...	...	49	83	33	...	...	...	...
Basswood	1,061	809	146	...	...	...	63	24	17	...	...
Yellow-poplar	12,578	4,057	2,450	1,615	1,329	1,194	919	432	371	193	14
Magnolia	3,271	1,464	685	675	248	180	...	...	15	...	...
Sweetbay	6,783	1,852	1,792	1,128	705	760	399	25	83	36	...
Willow	676	184	398	57	...	...	35	...	...	...	...
Black walnut	270	270	...	...	...	...	...	...	...	...	...
Black cherry	1,382	1,108	130	82	60	...	...	...	...	...	...
American elm	941	202	245	63	181	74	174	...	...	...	...
Other elms	4,104	2,034	892	567	432	77	...	78	21	...	...
River birch	1,455	914	134	172	171	49	...	...	...	13	...
Hackberry	1,204	266	223	154	360	167	...	...	18	13	...
Black locust	47	...	...	...	47	...	...	...	...	...	...
Other locusts	83	...	...	83	...	...	...	...	...	...	...
Dogwood	6,910	6,672	238	...	...	...	...	...	...	...	...
Holly	832	182	340	271	...	37	...	...	...	...	...
Other hardwoods	589	454	135	...	...	...	...	...	...	...	...
Total	277,517	125,245	64,833	38,832	22,749	13,058	6,794	2,987	1,601	1,345	69
All species	539,313	232,500	129,436	78,138	46,067	26,710	14,245	6,436	3,053	2,566	158

1 Totals may not add due to rounding.

2 Includes white, swamp chestnut, chinkapin, and bur oaks.

3 Includes northern red, shumard, and cherrybark oaks.

Table 25.--Number of live trees by species and diameter class,¹ 1992

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
----- thousand trees -----													
Softwood:													
Longleaf pine	27,334	6,810	5,910	3,934	3,393	3,159	1,770	1,310	658	254	100	31	...
Slash pine	32,758	7,810	5,683	7,180	4,862	4,241	2,065	528	227	105	30	22	...
Shortleaf pine	226,900	92,389	64,581	30,652	16,411	11,701	6,018	3,506	1,014	465	98	61	...
Loblolly pine	625,471	302,382	138,282	77,877	46,107	24,199	15,679	9,219	6,068	2,924	1,456	1,185	88
Virginia pine	7,306	5,042	1,008	866	341	...	46	...	...	...	...	...	...
Spruce pine	8,533	2,679	462	1,359	1,336	775	673	404	425	236	77	102	...
Redcedar	21,038	13,470	5,083	1,715	281	442	45	...	...	...	...	...	...
Cypress	1,127	...	383	170	274	160	...	88	...	...	...	49	...
Total	950,469	430,585	221,395	123,756	73,009	44,680	26,299	15,057	8,394	3,985	1,763	1,453	88
Hardwood:													
Select white oaks	57,331	28,347	11,199	8,016	4,033	1,864	1,858	710	543	432	84	202	38
Select red oaks	7,779	4,846	528	629	98	680	284	209	85	175	59	166	15
Other white oaks	72,920	44,269	11,862	8,128	3,390	2,687	1,395	494	394	98	78	115	5
Other red oaks	466,960	312,423	76,316	32,609	16,934	11,520	7,680	3,794	2,311	1,457	660	1,159	92
Sweet pecan	564	564	...	...	...	...	...	...	...	...	...	...	...
Bitter pecan	587	450	...	...	...	87	50	...	...	...	...	...	...
Other hickories	145,843	97,454	21,986	10,577	7,013	4,265	1,935	1,521	618	315	62	92	...
Persimmon	61,753	50,885	7,375	2,503	702	140	116	...	29	...	...	...	...
Hard maple	13,887	9,819	3,617	...	...	322	...	36	70	...	21	...	...
Soft maple	148,270	103,637	30,870	7,560	3,067	1,422	846	336	361	52	95	18	...
Boxelder	9,632	6,580	1,677	449	137	173	349	163	65	20	...	15	...
Beech	6,718	3,110	1,045	738	757	240	213	235	185	109	40	41	...
Sweetgum	676,558	436,943	141,649	50,253	25,925	11,736	5,433	2,364	1,283	507	186	255	19
Blackgum	106,666	68,359	17,407	8,898	4,856	3,355	1,871	1,293	375	156	57	25	9
Other gums	42,394	20,269	9,506	4,369	2,704	1,935	1,682	1,244	285	200	172	12	12
White ash	13,679	10,048	1,527	771	212	330	305	319	121	...	42	...	...
Other ashes	36,445	22,754	6,473	3,179	1,853	700	726	468	224	26	...	38	...
Sycamore	3,497	1,063	562	581	454	271	50	253	72	78	57	39	12
Cottonwood	335	...	...	...	...	...	49	209	33	26	...	16	...
Basswood	9,382	5,738	2,098	1,041	246	66	...	38	63	49	39	...	...
Yellow-poplar	51,136	25,804	9,286	4,893	3,391	2,003	1,830	1,539	1,108	522	420	272	62
Magnolia	24,008	17,636	2,103	1,694	1,065	891	303	290	...	...	15	...	8
Sweetbay	80,500	55,339	11,561	3,753	3,453	2,342	1,728	1,386	639	76	118	89	9
Willow	16,442	13,768	1,637	184	709	57	49	...	35	...	...	...	...
Black walnut	1,612	1,069	...	506	...	...	...	...	36	...	...	...	...
Black cherry	38,780	28,200	8,365	1,445	501	156	111	...	...	...	...	...	...
American elm	7,354	5,498	536	202	476	63	286	74	174	21	...	18	...
Other elms	66,598	53,813	7,929	2,342	988	567	597	207	33	78	40	...	...
River birch	5,959	3,073	1,066	1,092	267	172	171	90	...	...	...	25	...
Hackberry	13,721	8,139	3,291	667	375	235	490	379	...	53	58	29	...
Black locust	509	462	...	...	...	...	47	...	...	...	...	...	...
Other locusts	664	504	...	...	...	160	...	...	...	...	...	...	...
Sassafras	30,150	25,647	3,242	910	279	71	...	...	...	...	...	...	...
Dogwood	215,981	163,493	42,961	8,950	576	...	...	...	...	...	...	...	...
Holly	25,663	21,023	2,614	1,175	469	343	...	37	...	...	...	...	...
Other hardwoods	28,710	20,304	6,066	1,581	538	219	...	...	...	...	...	...	...
Total	2,489,000	1,675,134	446,367	169,707	85,480	49,085	30,468	17,698	9,153	4,459	2,311	2,635	287
Noncommercial	321,497	263,453	36,654	11,878	6,192	2,467	407	345	24	...	40	33	...
All species	3,760,968	2,365,384	704,416	305,342	164,682	96,234	57,176	33,100	17,573	8,444	4,115	4,122	376

¹ Totals may not add due to rounding.

Table 26.--Growing-stock volume on commercial forest land by species and diameter class,¹ 1982

Species	Diameter class (inches at breast height) ⁻										
	All classes	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 -----											
Softwood:											
Longleaf pine	183.0	8.0	20.4	42.3	32.5	35.7	25.1	12.1	4.4	2.4	...
Slash pine	144.2	11.1	29.0	43.5	35.4	12.1	4.7	4.2	2.1	2.1	...
Shortleaf pine	595.3	75.2	106.1	150.1	106.6	91.8	34.9	20.1	5.8	4.6	...
Loblolly pine	1,641.1	158.4	274.7	253.5	263.5	216.2	192.5	115.9	71.7	80.1	14.4
Virginia pine	4.7	1.7	2.0	...	1.0	...	...	...	...	...	...
Spruce pine	86.5	2.8	7.4	9.0	13.3	11.3	16.5	12.8	5.0	8.3	...
Redcedar	6.2	1.5	0.9	2.8	0.9	...	...	...	...	...	...
Cypress	9.3	...	0.9	2.4	...	2.7	...	...	...	3.4	...
Total	2,670.1	258.7	441.6	503.1	453.3	369.7	273.8	165.1	89.0	101.4	14.4
Hardwood:											
Select white oaks	140.2	17.0	21.8	17.0	26.6	11.6	16.4	16.7	4.7	8.4	...
Select red oaks	35.6	1.8	0.6	8.4	4.1	3.1	2.9	4.7	1.0	8.9	...
Other white oaks	82.4	15.2	11.8	18.0	16.0	7.7	5.2	1.0	3.2	4.3	...
Other red oaks	576.1	74.6	98.1	101.3	90.3	62.4	50.4	36.1	23.2	34.7	5.0
Bitter pecan	1.1	...	...	1.1	...	...	...	...	...	...	...
Other hickories	178.8	14.1	33.0	38.0	25.1	29.5	17.5	11.4	3.3	6.8	...
Persimmon	14.3	5.5	4.2	1.5	2.1	...	1.0	...	...	...	...
Hard maple	2.9	...	...	2.0	...	1.0	...	...	...	...	...
Soft maple	39.0	10.8	5.4	4.3	8.7	1.8	5.9	1.0	1.1	...	...
Boxelder	4.7	...	0.7	...	3.4	0.6	...	...	...	...	...
Beech	15.0	1.1	1.7	0.6	0.8	3.2	2.0	2.0	...	3.6	...
Sweetgum	508.8	80.1	118.7	113.8	74.7	51.8	34.5	14.8	8.9	9.1	2.5
Blackgum	123.1	10.0	19.1	31.1	25.9	23.4	8.9	2.4	1.2	1.1	...
Other gums	122.4	12.5	14.9	16.8	23.1	31.9	10.1	5.9	7.3	...	...
White ash	19.0	1.2	1.4	0.8	3.9	7.3	3.1	...	1.1	...	...
Other ashes	44.2	5.7	3.5	5.8	10.9	9.4	7.9	...	...	1.0	...
Sycamore	25.4	1.7	1.2	2.0	...	6.4	2.3	3.5	3.4	3.7	1.3
Cottonwood	4.8	...	...	...	1.1	2.4	1.3	...	...	...	...
Basswood	6.7	1.8	0.7	...	...	...	2.2	0.9	1.1	...	...
Yellow-poplar	192.3	13.7	16.3	17.5	24.9	31.4	30.7	19.3	21.2	15.3	2.1
Magnolia	22.8	3.4	3.9	6.7	4.2	3.8	...	...	0.8	...	...
Sweetbay	77.0	5.2	10.6	11.9	11.5	17.2	12.5	1.2	4.5	2.5	...
Willow	4.4	0.7	1.9	0.8	...	...	1.1	...	...	...	...
Black walnut	0.7	0.7	...	...	...	...	...	...	...	...	...
Black cherry	5.8	2.9	0.9	0.9	1.1	...	...	...	...	...	...
American elm	13.7	0.7	1.8	0.6	2.7	1.8	6.1	...	...	...	...
Other elms	29.6	5.4	4.9	5.7	7.2	1.8	...	3.4	1.1	...	...
River birch	10.5	2.8	0.8	1.9	2.9	1.0	...	...	...	1.2	...
Hackberry	13.7	0.1	1.3	1.2	5.4	3.8	...	...	1.0	1.0	...
Black locust	0.7	...	...	...	0.7	...	...	...	...	...	...
Other locusts	0.6	...	...	0.6	...	...	...	...	...	...	...
Dogwood	10.6	9.8	0.8	...	...	...	...	...	...	...	...
Holly	6.4	0.7	2.1	2.5	...	1.0	...	...	...	...	...
Other hardwoods	1.3	0.9	0.4	...	...	...	...	...	...	...	...
Total	2,334.6	300.1	382.4	412.7	377.5	315.3	222.1	124.3	88.0	101.4	10.9
All species	5,004.7	558.8	824.0	915.8	830.7	685.0	495.9	289.4	176.9	202.9	25.3

¹ Totals may not add due to rounding.

Table 27.--Growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land by diameter class and species,¹ 1982

Species	Diameter class (inches at breast height)								
	All classes	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 -----									
Softwood:									
Longleaf pine	137.1	34.0	29.1	33.3	23.5	11.2	3.8	2.1	...
Slash pine	87.5	32.4	31.8	11.2	4.4	3.9	2.0	1.8	...
Shortleaf pine	365.5	124.7	94.4	84.9	32.4	19.1	5.5	4.4	...
Loblolly pine	1,094.8	204.5	235.5	200.0	182.3	111.1	69.2	78.0	14.2
Virginia pine	0.9	...	0.9	...	...	...	...	...	...
Spruce pine	68.5	6.6	12.0	10.6	15.5	11.7	4.6	7.5	...
Redcedar	2.9	2.2	0.6	...	...	...	...	...	...
Cypress	7.4	1.9	...	2.5	...	...	...	3.0	...
Total	1,764.7	406.4	404.0	342.5	258.0	157.1	85.2	96.9	14.2
Hardwood:									
Select white oaks	66.2	...	23.2	9.2	12.3	12.2	3.8	5.5	...
Select red oaks	17.8	...	3.3	2.3	2.2	3.3	0.7	6.0	...
Other white oaks	30.5	...	14.5	6.2	4.1	0.7	2.2	2.8	...
Other red oaks	232.7	...	78.0	49.0	38.0	25.4	16.2	23.0	3.1
Other hickories	75.7	...	18.2	24.7	15.2	9.7	2.9	5.1	...
Persimmon	2.3	...	1.4	...	0.9	...	...	...	...
Hard maple	0.8	...	...	0.8	...	...	...	...	...
Soft maple	14.7	...	6.3	1.5	5.2	0.9	0.9	...	...
Boxelder	3.1	...	2.5	0.5	...	...	...	...	...
Beech	9.7	...	0.6	2.8	1.9	1.7	...	2.7	...
Sweetgum	145.5	...	54.8	40.5	26.5	10.8	6.1	5.7	1.2
Blackgum	49.3	...	18.4	19.4	7.6	2.1	1.0	0.8	...
Other gums	63.2	...	16.8	26.5	8.6	5.1	6.1	...	...
White ash	12.6	...	2.9	6.1	2.7	...	0.9	...	...
Other ashes	22.9	...	7.7	7.7	6.7	...	...	0.8	...
Sycamore	16.6	...	...	5.3	1.9	3.0	2.8	2.7	0.8
Cottonwood	3.5	...	0.7	2.0	0.9	...	...	...	...
Basswood	3.5	...	...	...	1.9	0.7	0.9	...	...
Yellow-poplar	118.2	...	18.5	25.8	26.7	16.3	17.5	12.0	1.4
Magnolia	7.0	...	3.2	3.2	...	...	0.6	...	...
Sweetbay	39.9	...	8.1	14.3	10.7	1.0	3.7	2.0	...
Willow	1.0	...	...	...	1.0	...	...	...	...
Black cherry	0.7	...	0.7	...	...	...	...	...	...
American elm	8.9	...	1.9	1.6	5.4	...	...	...	...
Other elms	10.2	...	4.9	1.4	...	2.9	1.0	...	...
River birch	3.7	...	2.0	0.8	...	...	...	0.9	...
Hackberry	8.7	...	3.8	3.2	...	...	0.9	0.8	...
Black locust	0.5	...	0.5	...	...	...	...	...	...
Holly	0.9	...	...	0.9	...	...	...	...	...
Total	970.4	...	293.0	255.7	180.6	95.9	67.9	70.8	6.5
All species	2,735.1	406.4	697.3	598.3	438.6	253.0	153.1	167.7	20.7

¹ Totals may not add due to rounding.

Table 28.--Volume of timber on commercial forest land by species and class of timber,¹ 1982

Species	All live	Growing stock	Rough	Rotten
- - - - - million cubic feet - - - - -				
Softwood:				
Longleaf pine	187.6	183.0	4.7	...
Slash pine	166.6	144.2	19.3	2.5
Shortleaf pine	607.7	595.3	12.4	...
Loblolly pine	1,903.6	1,641.1	241.0	21.5
Virginia pine	5.2	4.7	0.5	...
Spruce pine	91.3	86.5	3.6	1.3
Redcedar	8.2	6.2	2.0	...
Cypress	10.2	9.3	1.0	...
Total	2,979.8	2,670.1	284.4	25.3
Hardwood:				
Select white oaks	163.9	140.2	16.7	7.0
Select red oaks	48.4	35.6	5.4	7.5
Other white oaks	117.7	82.4	25.7	9.6
Other red oaks	768.6	576.1	126.0	66.4
Bitter pecan	1.8	1.1	0.7	...
Other hickories	215.6	178.8	26.1	10.6
Persimmon	15.7	14.3	1.4	...
Hard maple	6.1	2.9	2.2	0.9
Soft maple	79.4	39.0	30.4	10.0
Boxelder	13.6	4.7	5.9	2.9
Beech	31.2	15.0	11.6	4.7
Sweetgum	626.4	508.8	93.1	24.5
Blackgum	166.3	123.1	27.2	16.0
Other gums	140.6	122.4	7.6	10.5
White ash	27.0	19.0	7.4	0.6
Other ashes	60.6	44.2	11.7	4.7
Sycamore	29.4	25.4	2.8	1.3
Cottonwood	9.1	4.8	0.4	3.9
Basswood	11.1	6.7	1.6	2.8
Yellow-poplar	246.8	192.3	38.3	16.2
Magnolia	31.2	22.8	7.5	0.9
Sweetbay	145.7	77.0	43.2	25.6
Willow	6.3	4.4	1.8	...
Black walnut	2.2	0.7	1.5	...
Black cherry	8.7	5.8	2.3	0.6
American elm	18.7	13.7	5.0	...
Other elms	37.9	29.6	7.5	0.9
River birch	14.5	10.5	4.0	...
Hackberry	25.6	13.7	9.0	2.8
Black locust	0.7	0.7	...	...
Other locusts	1.5	0.6	0.9	...
Sassafras	3.1	...	2.6	0.5
Dogwood	14.8	10.6	3.1	1.1
Holly	10.3	6.4	4.0	...
Other hardwoods	4.9	1.3	2.8	0.9
Total	3,105.2	2,334.6	537.3	233.3
Noncommercial	78.6	...	78.6	...
All species	5,163.7	5,004.7	900.4	258.6

¹ Totals may not add due to rounding.

STAFF OF FOREST INVENTORY AND ANALYSIS WORK
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1983. Forest statistics for Southeast
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