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Forest Statistics for Southwest Alabama Counties

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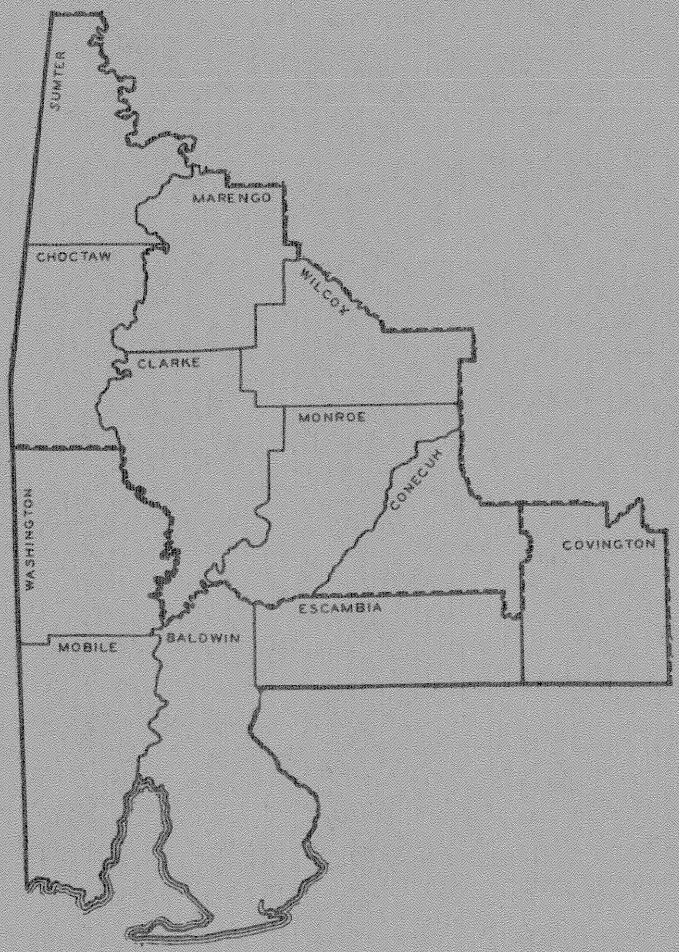

Forest Statistics for Southwest Alabama Counties

Arnold Hedlund and J. M. Earles

This report tabulates information from a new forest inventory of counties in southwestern Alabama. The tables are intended for use as source data in compiling estimates for groups of counties. Because the sampling procedure is designed primarily to furnish inventory data for the State as a whole, estimates for individual counties have limited and variable accuracy.

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 forested location, 10 small plots were uniformly distributed on an area of about 1 acre.

The sampling errors to which the county area and volume totals are liable (on a probability of two chances out of three) are shown in table 1.

An approximation of sampling errors for groups of counties may be obtained by using the formula:

$$e = \frac{(SE)\sqrt{\text{specified volume or area}}}{\sqrt{\text{volume or area total in question}}}$$

Where: e = Estimated sampling error of the volume or area total in question

SE = Specified sampling error for the State.

The error decreases when data for two or more counties are grouped. Conversely, as data for individual counties are broken down by various subdivisions, the possibility of error increases and is greatest for the smallest items. Sampling errors associated with the estimates of the principal timber species in this report are shown in table 2.

Table 1. *Sampling errors* [1] *for forest land and timber volume, 1972*

County	Commercial forest land	Growing stock	Sawtimber
	Percent		
Baldwin	2	9	10
Choctaw	1	8	11
Clarke	1	6	8
Conecuh	1	10	13
Covington	1	10	14
Escambia	1	10	12
Marengo	2	8	12
Mobile	1	12	15
Monroe	1	7	10
Sumter	2	10	14
Washington	1	8	10
Wilcox	2	8	10
All counties	0.4	2.5	3.3

[1] By random-sampling formula.

Because of differences in standards of tree measurement, direct comparisons cannot be made between the estimates in this report and those from the survey of 1963. In table 3, changes between the two surveys are summarized in terms of current measurement standards.

It is anticipated that data for other counties of Alabama will be published as field work progresses. A Statewide interpretive report will be issued when all counties have been inventoried; it will include an evaluation of timber trends since 1963.

Table 2. *Sampling errors for timber volume by species, 1972*

Species	Growing stock	Sawtimber
	-- *Percent* --	
Softwood:		
Longleaf pine	8	10
Slash pine	10	11
Shortleaf pine	8	9
Loblolly pine	5	6
Spruce pine	17	19
Redcedar	43	[1]
Cypress	30	32
All softwoods	3.4	4.1
Hardwood:		
Select white oaks	11	13
Select red oaks	15	17
Other white oaks	12	16
Other red oaks	6	8
Pecan	43	49
Other hickories	10	12
Persimmon	27	[1]
Maple	29	[1]
Beech	20	23
Sweetgum	8	11
Blackgum	12	13
Other gums	23	24
White ash	35	44
Other ashes	21	22
Sycamore	28	36
Basswood	29	36
Yellow-poplar	11	13
Magnolia	22	42
Sweetbay	14	19
Willow	40	[1]
Black cherry	34	[1]
American elm	20	27
Other elms	18	29
Hackberry	23	30
Dogwood	15	. . .
Holly	28	[1]
Other hardwoods	45	[1]
All hardwoods	4.3	5.5
All species	2.5	3.3

[1] Exceeds 50 percent.

Table 3. *Change [1] in forest resource since 1963*

Item	Change
	Percent
Commercial forest land	+ 0.2
Growing-stock volume:	
Softwood	+ 11
Hardwood	+ 2
All species	+ 7
Sawtimber volume:	
Softwood	+ 14
Hardwood	− 1
All species	+ 10

[1] Based on 1972 measurement standards.

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.

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

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 saw-log portion of live sawtimber in board feet, International ¼-inch rule.

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 seedling and saplings.

Table 4. *Commercial forest land by ownership class, 1972*

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
			Thousand acres			
Baldwin	702.1	...	5.7	286.0	114.5	295.9
Choctaw	504.0	...	3.9	150.0	102.0	248.1
Clarke	722.4	...	8.2	291.2	112.0	311.0
Conecuh	428.4	...	(1/)	170.1	132.3	126.0
Covington	450.0	54.2	2.1	156.0	158.5	79.2
Escambia	490.2	32.0	4.0	216.6	61.3	176.3
Marengo	402.6	...	1.0	79.2	165.0	157.4
Mobile	522.9	...	24.4	50.4	92.5	355.6
Monroe	508.8	...	3.3	164.3	196.0	145.2
Sumter	390.6	...	1.4	124.0	155.0	110.2
Washington	622.2	...	1.4	79.3	107.4	434.1
Wilcox	421.8	...	4.3	57.0	153.9	206.6
All counties	6,166.0	86.2	59.7	1,824.1	1,550.4	2,645.6

1/ Negligible.

Table 5. *Commercial forest land by forest type, 1972*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
				Thousand acres			
Baldwin	702.1	283.9	58.5	156.0	47.7	156.0	...
Choctaw	504.0	...	186.0	132.0	108.0	72.0	6.0
Clarke	722.4	...	308.0	151.2	117.6	134.4	11.2
Concuh	428.4	12.6	119.7	94.5	163.8	37.8	...
Covington	450.0	144.0	72.0	84.0	102.0	48.0	...
Escambia	490.2	245.1	22.8	119.7	39.9	62.7	...
Marengo	402.6	...	151.8	99.0	59.4	92.4	...
Mobile	522.9	201.6	31.5	126.0	81.9	81.9	...
Monroe	508.8	21.2	111.3	137.8	148.4	84.8	5.3
Sumter	390.6	...	117.8	55.8	124.0	86.8	6.2
Washington	622.2	158.6	103.7	176.9	85.4	97.6	...
Wilcox	421.8	11.4	131.1	125.4	91.2	62.7	...
All counties	6,166.0	1,078.4	1,414.2	1,458.3	1,169.3	1,017.1	28.7

Table 6. *Commercial forest land by stand-size class, 1972*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Thousand acres		
Baldwin	702.1	268.7	112.7	312.0	8.7
Choctaw	504.0	180.0	174.0	150.0	...
Clarke	722.4	386.4	168.0	168.0	...
Conecuh	428.4	182.7	107.1	132.3	6.3
Covington	450.0	168.0	114.0	162.0	6.0
Escambia	490.2	216.6	96.9	176.7	...
Marengo	402.6	158.4	118.8	125.4	...
Mobile	522.9	126.0	126.0	252.0	18.9
Monroe	508.8	201.4	143.1	164.3	...
Sumter	390.6	192.2	68.2	130.2	...
Washington	622.2	250.1	164.7	207.4	...
Wilcox	421.8	216.6	108.3	96.9	...
All counties	6,166.0	2,547.1	1,501.8	2,077.2	39.9

Table 7. *Commercial forest land by site class, 1972*

County	All classes	165 cu. ft. or more	120-165 cu. ft.	85-120 cu.ft.	50-85 cu.ft.	Less than 50 cu. ft.
			Thousand acres			
Baldwin	702.1	...	19.5	188.5	444.2	49.9
Choctaw	504.0	30.0	84.0	276.0	114.0	...
Clarke	722.4	39.2	190.4	291.2	184.8	16.8
Conecuh	428.4	50.4	207.9	157.5	12.6	...
Covington	450.0	30.0	102.0	162.0	150.0	6.0
Escambia	490.2	...	45.6	176.7	245.1	22.8
Marengo	402.6	6.6	118.8	204.6	72.6	...
Mobile	522.9	...	12.6	107.1	296.1	107.1
Monroe	508.8	10.6	90.1	164.3	164.3	79.5
Sumter	390.6	18.6	80.6	173.6	99.2	18.6
Washington	622.2	6.1	48.8	250.1	298.9	18.3
Wilcox	421.8	11.4	51.3	188.1	165.3	5.7
All counties	6,166.0	202.9	1,051.6	2,339.7	2,247.1	324.7

Table 8. *Cordage of growing stock on commercial forest land by species group, 1972*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Thousand cords							
Baldwin	10,382	6,127	5,472	655	4,255	775	2,149	1,331
Choctaw	7,897	5,067	4,914	153	2,830	1,188	884	758
Clarke	12,910	7,740	7,560	180	5,170	1,763	1,703	1,704
Conecuh	6,632	3,256	3,245	11	3,376	1,221	1,136	1,019
Covington	5,856	4,087	4,068	19	1,769	506	703	560
Escambia	6,562	4,823	4,815	8	1,739	515	436	788
Marengo	5,866	3,247	3,163	84	2,619	1,066	534	1,019
Mobile	5,169	3,121	2,884	237	2,048	349	1,051	648
Monroe	7,683	3,659	3,580	79	4,024	1,434	1,212	1,378
Sumter	6,348	3,208	3,152	56	3,140	1,270	816	1,054
Washington	8,395	4,829	4,689	140	3,566	1,180	1,001	1,385
Wilcox	7,410	3,701	3,678	23	3,709	1,550	987	1,172
All counties	91,110	52,865	51,220	1,645	38,245	12,817	12,612	12,816

Table 9. *Growing-stock volume on commercial forest land by species group, 1972*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Million cubic feet							
Baldwin	744.6	459.5	410.4	49.1	285.1	51.9	144.0	89.2
Choctaw	569.6	380.0	368.5	11.5	189.6	79.6	59.2	50.8
Clarke	926.9	580.5	567.0	13.5	346.4	118.1	114.1	114.2
Conecuh	470.4	244.2	243.4	.8	226.2	81.8	76.1	68.3
Covington	425.0	306.5	305.1	1.4	118.5	33.9	47.1	37.5
Escambia	478.2	361.7	361.1	.6	116.5	34.5	29.2	52.8
Marengo	419.0	243.5	237.2	6.3	175.5	71.4	35.8	68.3
Mobile	371.3	234.1	216.3	17.8	137.2	23.4	70.4	43.4
Monroe	544.0	274.4	268.5	5.9	269.6	96.1	81.2	92.3
Sumter	451.0	240.6	236.4	4.2	210.4	85.1	54.7	70.6
Washington	601.1	362.2	351.7	10.5	238.9	79.0	67.1	92.8
Wilcox	526.1	277.6	275.9	1.7	248.5	103.9	66.1	78.5
All counties	6,527.2	3,964.8	3,841.5	123.3	2,562.4	858.7	845.0	858.7

Table 10. *Sawtimber volume on commercial forest land by species group, 1972*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Million board feet							
Baldwin	2,911.1	2,078.6	1,857.4	221.2	832.5	173.1	417.5	241.9
Choctaw	2,105.6	1,683.6	1,616.4	67.2	422.0	238.8	84.2	99.0
Clarke	3,639.4	2,732.2	2,670.4	61.8	907.2	376.8	262.0	268.4
Conecuh	1,734.0	1,127.2	1,123.3	3.9	606.8	274.3	194.5	138.0
Covington	1,475.3	1,279.3	1,272.1	7.2	196.0	66.2	64.5	65.3
Escambia	1,850.6	1,545.8	1,545.8	...	304.8	124.9	67.4	112.5
Marengo	1,475.5	939.8	910.8	29.0	535.7	243.3	101.9	190.5
Mobile	1,192.5	890.3	818.2	72.1	302.2	79.4	170.2	52.6
Monroe	1,865.0	1,087.6	1,057.9	29.7	777.4	368.4	164.2	244.8
Sumter	1,837.5	1,224.4	1,216.9	7.5	613.1	319.9	120.3	172.9
Washington	2,043.6	1,433.7	1,386.7	47.0	609.9	225.2	182.5	202.2
Wilcox	1,771.1	1,053.4	1,053.4	...	717.7	343.4	167.2	207.1
All counties	23,901.2	17,075.9	16,529.3	546.6	6,825.3	2,833.7	1,996.4	1,995.2

Table 11. *Sawtimber volume on commercial forest land by species group and diameter class, 1972*

County	All species	Softwood			Hardwood		
		Total	9.0-14.9 inches	15.0 inches and up	Total	11.0-14.9 inches	15.0 inches and up
	Million board feet						
Baldwin	2,911.1	2,078.6	1,492.3	586.3	832.5	272.3	560.2
Choctaw	2,105.6	1,683.6	1,047.5	636.1	422.0	211.5	210.5
Clarke	3,639.4	2,732.2	1,570.2	1,162.0	907.2	374.3	532.9
Conecuh	1,734.0	1,127.2	615.0	512.2	606.8	349.9	256.9
Covington	1,475.3	1,279.3	884.8	394.5	196.0	134.4	61.6
Escambia	1,850.6	1,545.8	1,103.2	442.6	304.8	112.1	192.7
Marengo	1,475.5	939.8	603.4	336.4	535.7	189.6	346.1
Mobile	1,192.5	890.3	651.3	239.0	302.2	118.8	183.4
Monroe	1,865.0	1,087.6	739.6	348.0	777.4	324.8	452.6
Sumter	1,837.5	1,224.4	666.7	557.7	613.1	249.1	364.0
Washington	2,043.6	1,433.7	890.8	542.9	609.9	220.7	389.2
Wilcox	1,771.1	1,053.4	690.9	362.5	717.7	307.9	409.8
All counties	23,901.2	17,075.9	10,955.7	6,120.2	6,825.3	2,865.4	3,959.9

Table 12. *Growing-stock volume of softwoods on commercial forest land by forest type, 1972*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
			Million cubic feet				
Baldwin	459.5	272.2	34.3	77.0	11.7	64.3	...
Choctaw	380.0	...	235.9	101.7	23.5	18.9	...
Clarke	580.5	...	390.0	141.2	26.3	17.3	5.7
Conecuh	244.2	13.0	113.8	88.4	24.9	4.1	...
Covington	306.5	145.8	87.6	52.2	12.0	8.9	...
Escambia	361.7	252.9	12.8	69.7	4.3	22.0	...
Marengo	243.5	...	164.5	62.3	8.4	8.3	...
Mobile	234.1	124.2	26.0	49.3	7.0	27.6	...
Monroe	274.4	13.4	101.8	103.8	38.8	16.6	...
Sumter	240.6	...	181.8	31.6	22.0	5.2	...
Washington	362.2	134.6	87.4	105.0	12.5	22.7	...
Wilcox	277.6	4.5	155.5	87.1	23.9	6.6	...
All counties	3,964.8	960.6	1,591.4	969.3	215.3	222.5	5.7

Table 13. *Growing-stock volume of hardwoods on commercial forest land by forest type, 1972*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
			Million cubic feet				
Baldwin	285.1	12.5	2.9	22.5	13.1	234.1	...
Choctaw	189.6	...	30.7	43.0	50.0	65.4	0.5
Clarke	346.4	...	60.3	77.4	51.6	149.8	7.3
Conecuh	226.2	1.2	24.3	61.6	80.5	58.6	...
Covington	118.5	9.1	10.5	14.6	28.6	55.7	...
Escambia	116.5	10.1	2.0	22.4	10.5	71.5	...
Marengo	175.5	...	23.6	40.9	36.8	74.2	...
Mobile	137.2	7.5	10.4	30.3	5.4	83.6	...
Monroe	269.6	1.1	13.0	61.5	106.3	85.3	2.4
Sumter	210.4	...	32.0	22.9	63.6	87.5	4.4
Washington	238.9	6.1	15.3	58.7	39.6	119.2	...
Wilcox	248.5	.1	22.1	63.6	63.4	99.3	...
All counties	2,562.4	47.7	247.1	519.4	549.4	1,184.2	14.6

Table 14. *Sawtimber volume of softwoods on commercial forest land by forest type, 1972*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
			Million board feet				
Baldwin	2,078.6	1,224.0	146.2	352.5	52.1	303.8	...
Choctaw	1,683.6	...	1,007.1	463.7	106.9	105.9	...
Clarke	2,732.2	...	1,807.1	704.8	112.5	83.3	24.5
Conecuh	1,127.2	46.0	440.2	494.2	125.1	21.7	...
Covington	1,279.3	575.5	401.3	205.6	51.1	45.8	...
Escambia	1,545.8	994.4	50.5	362.7	22.7	115.5	...
Marengo	939.8	...	591.8	273.0	34.3	40.7	...
Mobile	890.3	444.8	91.8	212.5	15.1	126.1	...
Monroe	1,087.6	60.5	296.1	470.8	173.5	86.7	...
Sumter	1,224.4	...	934.4	155.4	103.9	30.7	...
Washington	1,433.7	472.1	333.6	462.1	53.0	112.9	...
Wilcox	1,053.4	8.5	569.6	354.4	98.6	22.3	...
All counties	17,075.9	3,825.8	6,669.7	4,511.7	948.8	1,095.4	24.5

Table 15. *Sawtimber volume of hardwoods on commercial forest land by forest type, 1972*

County	All types	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
			Million board feet				
Baldwin	832.5	35.5	1.7	53.6	31.5	710.2	...
Choctaw	422.0	...	53.1	103.7	97.7	167.5	...
Clarke	907.2	...	99.6	205.7	124.5	453.0	24.4
Conecuh	606.8	2.0	73.0	183.8	202.2	145.8	...
Covington	196.0	22.5	18.2	29.0	33.1	93.2	...
Escambia	304.8	34.3	5.8	45.4	24.2	195.1	...
Marengo	535.7	...	54.5	85.7	146.3	249.2	...
Mobile	302.2	13.8	32.2	61.1	8.9	186.2	...
Monroe	777.4	2.0	20.0	141.3	321.4	283.8	8.9
Sumter	613.1	...	69.5	83.6	186.9	257.8	15.3
Washington	609.9	9.8	32.3	111.2	99.7	356.9	...
Wilcox	717.7	...	36.6	158.1	172.8	350.2	...
All counties	6,825.3	119.9	496.5	1,262.2	1,449.2	3,448.9	48.6

Table 16. *Growing-stock volume of softwoods on commercial forest land by stand-size class, 1972*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million cubic feet		
Baldwin	459.5	326.7	61.6	70.8	0.4
Choctaw	380.0	240.9	91.7	47.4	...
Clarke	580.5	465.3	80.9	34.3	...
Conecuh	244.2	163.7	61.0	19.5	...
Covington	306.5	231.4	48.1	27.0	...
Escambia	361.7	258.4	75.7	27.6	...
Marengo	243.5	137.4	80.9	25.2	...
Mobile	234.1	126.2	57.7	49.4	.8
Monroe	274.4	136.1	97.0	41.3	...
Sumter	240.6	206.9	18.4	15.3	...
Washington	362.2	208.9	117.5	35.8	...
Wilcox	277.6	201.3	63.4	12.9	...
All counties	3,964.8	2,703.2	853.9	406.5	1.2

Table 17. *Growing-stock volume of hardwoods on commercial forest land by stand-size class, 1972*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million cubic feet		
Baldwin	285.1	201.6	58.6	24.9	...
Choctaw	189.6	90.7	83.3	15.6	...
Clarke	346.4	242.6	86.2	17.6	...
Conecuh	226.2	136.8	70.5	18.9	...
Covington	118.5	45.0	61.0	12.5	...
Escambia	116.5	76.5	34.8	5.2	...
Marengo	175.5	108.4	50.5	16.6	...
Mobile	137.2	81.9	45.2	10.1	...
Monroe	269.6	186.1	63.8	19.7	...
Sumter	210.4	140.7	43.3	26.4	...
Washington	238.9	154.9	62.0	22.0	...
Wilcox	248.5	190.3	37.2	21.0	...
All counties	2,562.4	1,655.5	696.4	210.5	...

Table 18. *Sawtimber volume of softwoods on commercial forest land by stand-size class, 1972*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million board feet		
Baldwin	2,078.6	1,666.0	137.9	274.7	...
Choctaw	1,683.6	1,208.7	285.8	189.1	...
Clarke	2,732.2	2,373.0	237.5	121.7	...
Conecuh	1,127.2	879.4	169.5	78.3	...
Covington	1,279.3	1,074.7	117.0	87.6	...
Escambia	1,545.8	1,251.9	214.0	79.9	...
Marengo	939.8	625.5	230.6	83.7	...
Mobile	890.3	602.0	142.7	142.7	2.9
Monroe	1,087.6	679.5	288.3	119.8	...
Sumter	1,224.4	1,095.9	61.4	67.1	...
Washington	1,433.7	993.7	344.5	95.5	...
Wilcox	1,053.4	864.8	146.0	42.6	...
All counties	17,075.9	13,315.1	2,375.2	1,382.7	2.9

Table 19. *Sawtimber volume of hardwoods on commercial forest land by stand-size class, 1972*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million board feet		
Baldwin	832.5	655.4	108.9	68.2	...
Choctaw	422.0	274.6	127.3	20.1	...
Clarke	907.2	752.1	128.3	26.8	...
Conecuh	606.8	427.7	150.4	28.7	...
Covington	196.0	115.0	66.6	14.4	...
Escambia	304.8	251.8	40.2	12.8	...
Marengo	535.7	415.1	92.7	27.9	...
Mobile	302.2	235.8	48.7	17.7	...
Monroe	777.4	622.6	116.3	38.5	...
Sumter	613.1	480.3	64.2	68.6	...
Washington	609.9	471.4	102.7	35.8	...
Wilcox	717.7	623.6	52.9	41.2	...
All counties	6,825.3	5,325.4	1,099.2	400.7	...

Table 20. *Growing-stock volume on commercial forest land by species and diameter class, 1972*

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 and larger
	Million cubic feet										
Softwood:											
Longleaf pine	825.7	62.3	136.1	177.1	203.8	154.1	71.0	17.3	4.0	...	...
Slash pine	571.2	71.4	106.6	112.4	102.4	72.3	55.0	29.7	13.5	7.9	...
Shortleaf pine	644.9	62.2	91.9	119.4	151.1	103.1	72.1	30.5	10.3	4.3	...
Loblolly pine	1,668.9	144.2	198.6	235.1	268.5	276.7	212.3	165.4	83.5	79.1	5.5
Spruce pine	130.8	8.7	11.3	8.7	13.9	26.1	18.6	19.9	12.2	9.8	1.6
Redcedar	21.7	4.9	8.0	2.9	3.4	.9	.7	...	...	.9	...
Cypress	101.6	2.4	7.8	8.2	9.0	10.4	13.0	9.4	8.6	32.2	.6
Total	3,964.8	356.1	560.3	663.8	752.1	643.6	442.7	272.2	132.1	134.2	7.7
Hardwood:											
Select white oaks	141.4	11.7	16.3	18.7	20.4	25.8	16.6	16.0	7.8	6.9	1.2
Select red oaks	75.1	2.5	5.0	8.4	8.9	6.5	7.6	8.6	4.7	21.8	1.1
Other white oaks	99.5	10.0	18.4	12.5	13.0	8.8	9.2	8.3	4.2	13.3	1.8
Other red oaks	542.7	59.1	67.9	79.6	76.8	80.2	54.7	41.0	20.8	49.2	13.4
Pecan	25.8	.6	2.0	3.1	3.1	5.9	1.7	1.7	2.2	4.5	1.0
Other hickories	131.3	11.0	13.1	19.5	22.3	22.7	17.1	9.6	2.4	12.4	1.2
Persimmon	6.5	1.2	2.8	2.0	.5	...	...	...	...	...	...
Maple	56.3	12.4	14.1	12.3	5.3	3.6	4.6	1.9	1.6	.5	...
Beech	34.4	1.5	2.3	2.8	4.4	4.4	6.6	4.7	4.2	3.5	...
Sweetgum	420.8	66.6	72.2	74.3	63.2	50.9	29.8	27.5	15.6	20.4	.3
Blackgum	224.9	30.8	44.3	54.3	32.9	25.6	18.8	8.8	5.0	4.4	...
Other gums	199.3	9.7	27.2	34.3	18.3	31.6	33.4	17.8	11.6	14.7	.7
White ash	27.2	1.2	1.8	2.2	2.3	4.1	6.4	2.1	1.1	6.0	...
Other ashes	70.3	7.2	12.9	9.7	8.5	12.6	7.7	2.9	5.9	2.9	...
Sycamore	18.5	1.9	2.9	1.9	.7	2.0	1.2	3.5	2.2	2.2	...
Basswood	10.6	1.1	.7	1.3	1.7	1.9	2.2	1.2	...	...	.5
Yellow-poplar	136.7	8.7	13.0	18.4	14.8	20.7	15.0	24.3	11.1	9.7	1.0
Magnolia (*Magnolia* spp.)	12.0	2.5	2.8	1.3	1.3	.5	.9	2.2	...	.5	...
Sweetbay	152.0	26.3	28.3	33.5	29.4	15.7	8.8	4.5	2.6	2.9	...
Willow	6.3	1.1	1.1	2.2	1.9	...	...	...	...	...	...
Black cherry	3.5	.6	1.3	.7	...	.9	...	...	...	...	...
American elm	31.3	2.4	3.2	6.3	4.5	7.8	3.0	2.2	1.0	.4	.5
Other elms	27.5	4.3	6.9	3.9	4.0	2.0	2.9	.5	1.1	1.9	...
Hackberry	64.3	5.8	8.6	11.8	8.5	5.8	9.9	5.6	3.8	4.5	...
Dogwood	14.2	12.5	1.7	...	...	...	...	...	...	...	...
Holly	6.8	2.6	2.3	1.0	.4	.5	...	...	...	...	...
Other hardwoods	23.2	5.7	1.1	2.3	1.9	1.9	3.0	2.0	1.6	3.7	...
Total	2,562.4	301.0	374.2	418.3	349.0	342.4	261.1	196.9	110.5	186 3	22.7
All species	6,527.2	657.1	934.5	1,082.1	1,101.1	986.0	703.8	469.1	242.6	320.5	30.4

1/ Detailed county statistics by species and diameter class are available upon request.

Table 21. *Sawtimber volume on commercial forest land by species and diameter class, 1972*

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 and larger
	Million board feet								
Softwood:									
Longleaf pine	3,522.0	810.5	1,175.0	945.5	453.7	112.1	25.2	...	...
Slash pine	2,279.3	518.8	611.9	450.2	360.0	195.5	89.8	53.1	...
Shortleaf pine	2,552.1	576.6	791.1	550.8	390.0	164.6	54.1	24.9	...
Loblolly pine	7,595.5	999.4	1,456.2	1,641.9	1,323.9	1,059.9	553.0	525.7	35.5
Spruce pine	580.4	42.7	69.8	139.8	98.5	108.1	64.4	48.9	8.2
Redcedar	46.9	14.9	17.5	5.2	4.3	...	...	5.0	...
Cypress	499.7	36.6	46.1	55.2	71.9	52.5	50.8	184.1	2.5
Total	17,075.9	2,999.5	4,167.6	3,788.6	2,702.3	1,692.7	837.3	841.7	46.2
Hardwood:									
Select white oaks	506.2	...	96.5	131.5	92.7	89.4	46.3	41.8	8.0
Select red oaks	319.1	...	35.7	33.3	38.5	48.1	26.6	130.9	6.0
Other white oaks	306.8	...	57.5	45.9	48.5	47.1	23.0	71.9	12.9
Other red oaks	1,701.6	...	309.0	399.9	290.0	224.4	117.9	285.0	75.4
Pecan	84.8	...	10.3	24.4	8.6	6.6	9.9	20.6	4.4
Other hickories	367.3	...	79.1	95.2	75.6	42.6	11.1	57.3	6.4
Persimmon	1.6	...	1.6	...	...	...	...	...	...
Maple	63.8	...	17.6	12.7	16.0	7.7	7.7	2.1	...
Beech	108.0	...	14.3	16.6	25.5	16.7	18.7	16.2	...
Sweetgum	1,005.2	...	254.3	248.1	153.4	147.4	86.2	115.0	.8
Blackgum	445.4	...	125.1	120.8	100.0	47.3	27.8	24.4	...
Other gums	545.8	...	52.4	123.9	149.6	86.0	57.7	73.3	2.9
White ash	97.8	...	7.2	17.2	29.3	8.8	6.0	29.3	...
Other ashes	162.6	...	25.2	52.0	32.3	13.4	28.3	11.4	...
Sycamore	49.6	...	2.2	6.1	4.5	17.0	10.5	9.3	...
Basswood	34.3	...	6.0	9.4	9.8	5.5	...	...	3.6
Yellow-poplar	419.4	...	45.4	88.1	67.0	113.3	55.8	45.3	4.5
Magnolia (*Magnolia* spp.)	20.9	...	4.3	1.2	3.6	9.7	...	2.1	...
Sweetbay	230.2	...	91.1	59.8	35.1	19.2	10.6	14.4	...
Willow	5.5	...	5.5	...	...	...	...	...	...
Black cherry	2.7	...	...	2.7	...	...	...	...	...
American elm	80.0	...	14.5	32.3	13.6	10.8	4.5	1.2	3.1
Other elms	52.7	...	16.0	8.0	12.8	1.5	5.4	9.0	...
Hackberry	152.4	...	27.4	22.5	41.4	23.1	18.1	19.9	...
Holly	2.2	...	.4	1.8	...	...	...	...	...
Other hardwoods	59.4	...	6.7	6.7	12.9	8.2	7.6	17.3	...
Total	6,825.3	...	1,305.3	1,560.1	1,260.7	993.8	579.7	997.7	128.0
All species	23,901.2	2,999.5	5,472.9	5,348.7	3,963.0	2,686.5	1,417.0	1,839.4	174.2

1/ Detailed county statistics by species and diameter class are available upon request.