



United States  
Department of  
Agriculture

Forest Service

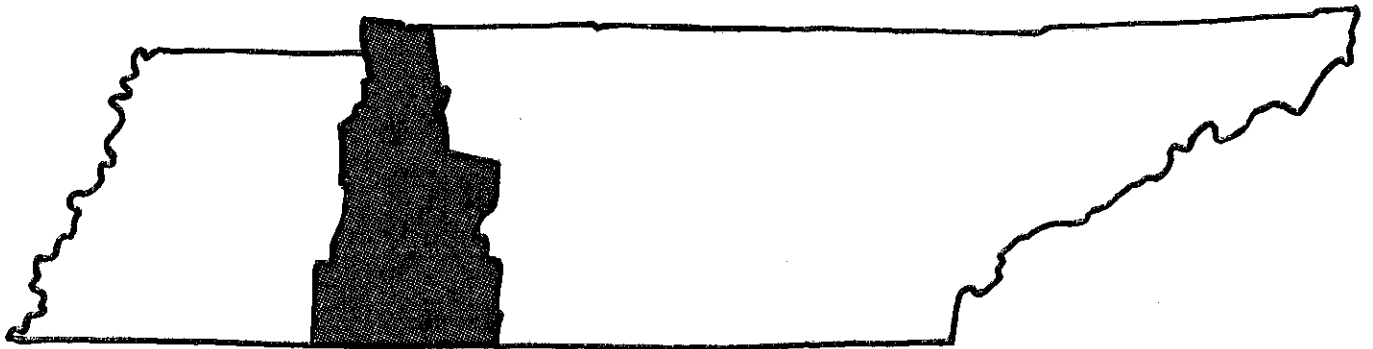
**Southern Forest  
Experiment Station**

New Orleans,  
Louisiana

Resource Bulletin  
SO-82  
May, 1982



# Forest Statistics for



# West Central Tennessee Counties

Staff: Renewable Resources Evaluation  
Research Work Unit

## FOREST STATISTICS FOR WEST CENTRAL TENNESSEE COUNTIES

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These tables were derived from data obtained during a 1980 inventory of 11 counties comprising the West Central Unit of Tennessee (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, 10 BA 37.5 point samples were distributed on an area of about 1 acre.

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 = Sampling error
- 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.

Because of differences in standards of tree measurements, direct comparisons between these data and those from

1971 inventory are not valid. In table 3, changes between the two surveys are summarized in terms of current measurement standards.

Table 1.--Sampling errors<sup>1</sup> for forest land and timber volume, 1980

County	Commercial forest land	Growing stock	Sawtimber
-----Percent-----			
Benton	3.2	15	22
Decatur	4.1	11	15
Hardin	2.3	10	15
Hickman	1.1	6	11
Houston	3.3	19	28
Humphreys	2.7	9	15
Lawrence	1.9	11	18
Lewis	2.4	12	24
Perry	1.2	6	12
Stewart	3.0	9	12
Wayne	2.0	7	11
All counties	0.8	2.8	4.6

<sup>1</sup>/ By random-sampling formula.

### 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.

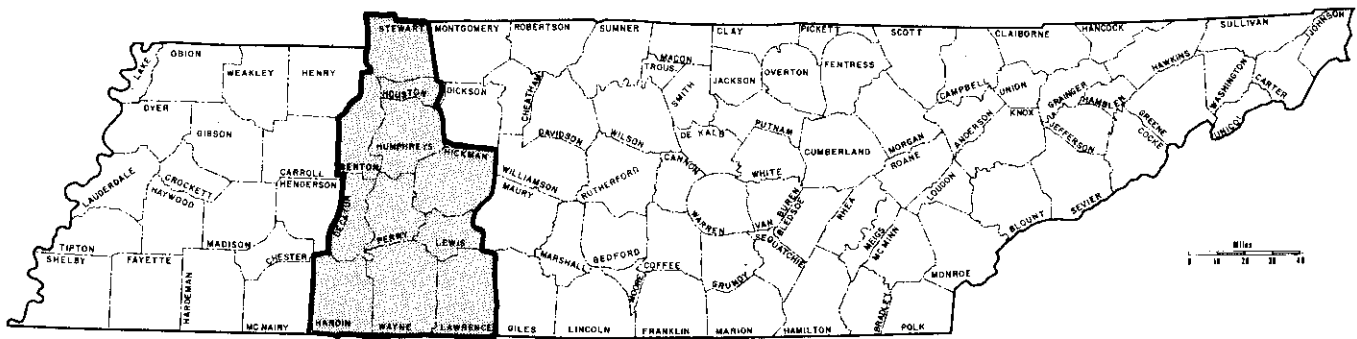


Figure 1. --The West Central forest survey region of Tennessee.

Table 2.--Sampling errors for timber volume by species, 1980

Species	Growing stock	Sawtimber
-----Percent-----		
Softwood:		
Shortleaf pine	29	35
Loblolly pine	37	40
Virginia pine	(1)	(1)
Redcedar	34	46
Cypress	(1)	(1)
Total	<u>20.8</u>	<u>22.7</u>
Hardwood:		
Select white oaks	6	8
Select red oaks	9	12
Other white oaks	8	12
Other red oaks	6	8
Other hickories	7	10
Persimmon	43	(1)
Hard maple	18	31
Soft maple	27	39
Boxelder	(1)	(1)
Beech	21	27
Sweetgum	14	19
Blackgum	12	21
White ash	24	36
Other ashes	27	32
Sycamore	31	42
Yellow-poplar	11	15
Willow	(1)	(1)
Black walnut	26	37
Black cherry	30	(1)
American elm	26	39
Other elms	19	29
Hackberry	47	(1)
Black locust	(1)	(1)
Other locusts	(1)	(1)
Sassafras	38	(1)
Dogwood	27	-
Other commercial	7	(1)
Total	<u>2.9</u>	<u>4.8</u>
All species	2.8	4.6

1/ Exceeds 50 percent.

Table 3.--Change<sup>1</sup> in forest resource since, 1971

Item	Change
	Percent
Commercial forest land	- 5
Growing-stock volume:	
Softwood	+ 25
Hardwood	+ 9
All species	+ 10
Sawtimber volume:	
Softwood	+ 61
Hardwood	+ 20
All species	+ 22

1/ Based on current measurement standards.

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 bottomland 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 prospectively, primarily because of roughness or poor form. (Includes all live trees of noncommercial 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.

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 4.--Total area, commercial forest land, proportion of total area, 1980

County	Total <sup>1</sup> area	Commercial forest	
		Area	Proportion
	Thousand acres		Percent
Benton	279.0	161.2	58
Decatur	225.3	145.0	64
Hardin	386.6	223.6	58
Hickman	392.3	275.0	70
Houston	133.1	81.9	62
Humphreys	357.8	223.2	62
Lawrence	405.8	153.9	38
Lewis	182.4	131.1	72
Perry	270.7	218.3	81
Stewart	314.9	198.4	63
Wayne	474.2	372.0	78
All counties	3,422.1	2,183.6	64

<sup>1</sup>/ United States Bureau of the Census, Land and Water Area of the United States.

Table 5.--Commercial forest land by ownership class, 1980

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. Private
-----Thousand acres-----						
Benton	16.2	-	14.3	12.4	45.2	89.3
Decatur	145.0	-	2.3	11.6	66.4	64.7
Hardin	223.6	-	.1	31.2	102.9	89.4
Hickman	275.0	-	1.7	85.0	130.2	58.1
Houston	81.9	-	.7	6.3	26.2	48.7
Humphreys	223.2	-	6.6	31.0	58.1	127.5
Lawrence	153.9	-	13.5	5.7	95.0	39.7
Lewis	131.1	-	1.3	39.9	11.9	78.0
Perry	218.3	-	1.4	53.1	110.6	53.2
Stewart	198.4	-	30.0	49.6	32.3	86.5
Wayne	372.0	-	.1	136.4	83.9	151.6
All counties	2,183.6	-	72.0	462.2	762.7	886.7

Table 6.--Commercial forest land by forest type, 1980

County	All types	Loblolly- shortleaf pine	Oak- pine	Oak- hickory	Oak- gum- cypress	Elm- ash- cottonwood
-----Thousand acres-----						
Benton	161.2	12.4	12.4	124.0	12.4	-
Decatur	145.0	5.8	5.8	127.6	5.8	-
Hardin	223.6	46.8	15.6	124.8	36.4	-
Hickman	275.0	5.0	-	270.0	-	-
Houston	81.9	-	-	81.9	-	-
Humphreys	223.2	-	-	223.2	-	-
Lawrence	153.9	-	5.7	142.5	-	5.7
Lewis	131.1	-	-	125.4	5.7	-
Perry	218.3	-	11.8	200.6	5.9	-
Stewart	198.4	6.2	-	192.2	-	-
Wayne	372.0	31.0	6.2	328.6	-	6.2
All counties	2,183.6	107.2	57.5	1,940.8	66.2	11.9

Table 7.--Commercial forest land by stand-size class, 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
-----Thousand acres-----					
Benton	161.2	49.6	68.2	37.2	6.2
Decatur	145.0	63.8	69.6	11.6	-
Hardin	223.6	67.6	93.6	62.4	-
Hickman	275.0	80.0	155.0	40.0	-
Houston	81.9	31.5	25.2	25.2	-
Humphreys	223.2	93.0	111.6	18.6	-
Lawrence	153.9	51.3	74.1	28.5	-
Lewis	131.1	22.8	91.2	17.1	-
Perry	218.3	76.7	106.2	35.4	-
Stewart	198.4	111.6	68.2	18.6	-
Wayne	372.0	80.6	248.0	43.4	-
All counties	2,183.6	728.5	1,110.9	338.0	6.2

Table 8.--Commercial forest land by site class, 1980

County	All classes	165 ft <sup>3</sup> or more	120-165 ft <sup>3</sup>	85-120 ft <sup>3</sup>	50-85 ft <sup>3</sup>	Less than 50 ft <sup>3</sup>
----- Thousand acres -----						
Benton	161.2	-	-	37.2	49.6	74.4
Decatur	145.0	11.6	-	58.0	63.8	11.6
Hardin	223.6	-	52.0	62.4	98.8	10.4
Hickman	275.0	5.0	-	60.0	175.0	35.0
Houston	81.9	-	-	12.6	50.4	18.9
Humphreys	223.2	-	6.2	68.2	68.2	80.6
Lawrence	153.9	17.1	11.4	17.1	62.7	45.6
Lewis	131.1	5.7	-	11.4	79.8	34.2
Perry	218.3	-	-	23.6	118.0	76.7
Stewart	198.4	-	-	24.8	105.4	68.2
Wayne	372.0	6.2	37.2	49.6	210.8	68.2
All counties	2,183.6	45.6	106.8	424.9	1,082.5	523.8

Table 9.--Commercial forest land by physiographic site class, 1980

County	All sites	Pine	Upland hardwood	Bottomland hardwood
----- Thousand acres -----				
Benton	161.2	24.8	124.0	12.4
Decatur	145.0	34.8	104.4	5.8
Hardin	223.6	130.0	57.2	36.4
Hickman	275.0	25.0	250.0	-
Houston	81.9	-	81.9	-
Humphreys	223.2	6.2	217.0	-
Lawrence	153.9	22.8	125.4	5.7
Lewis	131.1	45.6	79.8	5.7
Perry	218.3	-	212.4	5.9
Stewart	198.4	-	198.4	-
Wayne	372.0	148.8	217.0	6.2
All counties	2,183.6	438.0	1,667.5	78.1

Table 10.--Cordage of growing stock on commercial forest land by species group, 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- Thousand cords -----								
Benton	1,517	44	41	3	1,473	976	133	364
Decatur	2,360	215	177	38	2,145	1,290	168	686
Hardin	3,091	807	755	52	2,284	1,040	269	975
Hickman	4,522	131	121	10	4,391	2,858	79	1,454
Houston	1,012	-	-	-	1,012	575	42	395
Humphreys	3,287	29	8	21	3,258	2,242	188	828
Lawrence	1,929	45	45	-	1,884	1,169	88	627
Lewis	1,754	15	15	-	1,739	1,304	27	408
Perry	2,940	60	19	41	2,880	1,891	88	901
Stewart	3,055	77	-	77	2,978	1,791	221	966
Wayne	5,522	633	628	5	4,889	3,209	179	1,501
All counties	30,989	2,056	1,809	247	28,933	18,345	1,482	9,105

Table 11.--Growing-stock volume on commercial forest land by species group, 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- Million cubic feet -----								
Benton	102.0	3.3	3.1	0.2	98.7	65.4	8.9	24.4
Decatur	159.8	16.1	13.3	2.8	143.7	86.4	11.3	46.0
Hardin	213.50	60.5	56.6	3.9	153.0	69.7	18.0	65.3
Hickman	304.0	9.8	9.1	.7	294.2	191.5	5.3	97.4
Houston	67.8	-	-	-	67.8	38.5	2.8	26.5
Humphreys	220.5	2.2	.6	1.6	218.3	150.2	12.6	55.5
Lawrence	129.6	3.4	3.4	-	126.2	78.3	5.9	42.0
Lewis	117.6	1.1	1.1	-	116.5	87.4	1.8	27.3
Perry	197.5	4.5	1.4	3.1	193.0	126.7	5.9	60.4
Stewart	205.3	5.8	-	5.8	199.5	120.0	14.8	64.7
Wayne	375.1	47.5	47.1	.4	327.6	215.0	12.0	100.6
All counties	2,092.7	154.2	135.7	18.5	1,938.5	1,229.1	99.3	610.1

Table 12.--Sawtimber volume on commercial forest land by species group, 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Benton	250.6	6.7	6.7	-	243.9	183.2	18.5	42.2
Decatur	488.6	43.7	32.9	10.8	444.9	286.7	35.2	123.0
Hardin	576.8	182.5	171.1	11.4	394.3	195.9	40.6	157.8
Hickman	773.9	27.1	24.7	2.4	746.8	470.9	14.9	261.0
Houston	180.6	-	-	-	180.6	116.6	5.5	58.5
Humphreys	558.5	6.8	2.4	4.4	551.7	384.6	19.1	148.0
Lawrence	344.7	5.2	5.2	-	339.5	198.3	15.9	125.3
Lewis	236.5	4.0	4.0	-	232.5	178.3	-	54.2
Perry	439.4	3.4	1.4	2.0	436.0	308.1	6.4	121.5
Stewart	687.0	22.8	-	22.8	664.2	443.7	20.3	200.2
Wayne	836.1	113.5	112.0	1.5	722.6	497.9	15.2	209.5
All counties	5,372.7	415.7	360.4	55.3	4,957.0	3,264.2	191.6	1,501.2

Table 13.--Sawtimber volume on commercial forest land by species group and diameter class, 1980

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 -----							
Benton	250.6	6.7	6.7	-	243.9	165.3	78.6
Decatur	488.6	43.7	36.3	7.4	444.9	257.0	187.9
Hardin	576.8	182.5	146.4	36.1	394.3	198.5	195.8
Hickman	773.9	27.1	24.7	2.4	746.8	440.1	306.7
Houston	180.6	-	-	-	180.6	133.4	47.2
Humphreys	558.5	6.8	5.0	1.8	551.7	374.2	177.5
Lawrence	344.7	5.2	5.2	-	339.5	164.0	175.5
Lewis	236.5	4.0	-	4.0	232.5	142.6	89.9
Perry	439.4	3.4	3.4	-	436.0	263.3	172.7
Stewart	687.0	22.8	20.0	2.8	664.2	303.5	360.7
Wayne	836.1	113.5	109.3	4.2	722.6	504.7	217.9
All counties	5,372.7	415.7	357.0	58.7	4,957.0	2,946.6	2,010.4

Table 14.--*Growing-stock volume of softwoods on commercial forest land by forest type, 1980*

County	All types	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million cubic feet -----						
Benton	3.3	2.6	0.7	-	-	-
Decatur	16.1	11.4	2.6	2.1	-	-
Hardin	60.5	42.9	8.7	7.6	1.3	-
Hickman	9.8	8.0	-	1.8	-	-
Houston	-	-	-	-	-	-
Humphreys	2.2	-	-	2.2	-	-
Lawrence	3.4	-	3.0	.4	-	-
Lewis	1.1	-	-	1.1	-	-
Perry	4.5	-	1.4	3.1	-	-
Stewart	5.8	5.3	-	.5	-	-
Wayne	47.5	37.5	3.7	6.3	-	-
All counties	154.2	107.7	20.1	25.1	1.3	-

Table 15.--*Growing-stock volume of hardwoods on commercial forest land by forest type, 1980*

County	All types	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million cubic feet -----						
Benton	98.7	1.2	1.0	90.2	6.3	-
Decatur	143.7	2.7	3.4	129.2	8.4	-
Hardin	153.0	7.9	5.7	102.5	36.9	-
Hickman	294.2	-	-	294.2	-	-
Houston	67.8	-	-	67.8	-	-
Humphreys	218.3	-	-	218.3	-	-
Lawrence	126.2	-	2.4	117.9	-	5.9
Lewis	116.5	-	-	110.7	5.8	-
Perry	193.0	-	2.8	185.9	4.3	-
Stewart	199.5	2.9	-	196.6	-	-
Wayne	327.6	5.4	2.1	317.6	-	2.5
All counties	1,938.5	20.1	17.4	1,830.9	61.7	8.4

Table 16.--*Sawtimber volume of softwoods on commercial forest land by forest type, 1980*

County	All types	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million board feet -----						
Benton	6.7	4.1	2.6	-	-	-
Decatur	43.7	26.6	9.8	7.3	-	-
Hardin	182.5	129.8	29.0	19.4	4.3	-
Hickman	27.1	23.8	-	3.3	-	-
Houston	-	-	-	-	-	-
Humphreys	6.8	-	-	6.8	-	-
Lawrence	5.2	-	3.4	1.8	-	-
Lewis	4.0	-	-	4.0	-	-
Perry	3.4	-	-	3.4	-	-
Stewart	22.8	22.8	-	-	-	-
Wayne	113.5	87.9	12.1	13.5	-	-
All counties	415.7	295.0	56.9	59.5	4.3	-



Table 17.--Sawtimber volume of hardwoods on commercial forest land by forest type, 1980

County	All types	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Million board feet -----						
Benton	243.9	-	-	233.7	10.2	-
Decatur	444.9	-	7.2	398.9	38.8	-
Hardin	394.3	17.4	11.0	270.1	95.8	-
Hickman	746.8	-	-	746.8	-	-
Houston	180.6	-	-	180.6	-	-
Humphreys	551.7	-	-	551.7	-	-
Lawrence	339.5	-	8.3	316.8	-	14.4
Lewis	232.5	-	-	209.6	22.9	-
Perry	436.0	-	-	420.7	15.3	-
Stewart	664.2	15.0	-	649.2	-	-
Wayne	722.6	8.7	4.5	704.0	-	5.4
All counties	4,957.0	41.1	31.0	4,682.1	183.0	19.8

Table 18.--Growing-stock volume of softwoods on commercial forest land by stand-size class, 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million cubic feet -----					
Benton	3.3	-	2.6	0.7	-
Decatur	16.1	1.3	14.8	-	-
Hardin	60.5	32.1	25.6	2.8	-
Hickman	9.8	8.0	1.8	-	-
Houston	-	-	-	-	-
Humphreys	2.2	2.2	-	-	-
Lawrence	3.4	.4	3.0	-	-
Lewis	1.1	-	1.1	-	-
Perry	4.5	.3	2.8	1.4	-
Stewart	5.8	5.8	-	-	-
Wayne	47.5	10.8	36.7	-	-
All counties	154.2	60.9	88.4	4.9	-

Table 19.--Growing-stock volume of hardwoods on commercial forest land by stand-size class, 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million cubic feet -----					
Benton	98.7	51.8	40.4	4.7	1.8
Decatur	143.7	92.0	50.0	1.7	-
Hardin	153.0	78.3	60.4	14.3	-
Hickman	294.2	106.1	174.3	13.8	-
Houston	67.8	39.9	23.8	4.1	-
Humphreys	218.3	118.4	91.0	8.9	-
Lawrence	126.2	58.9	62.6	4.7	-
Lewis	116.5	33.0	79.2	4.3	-
Perry	193.0	85.4	92.7	14.9	-
Stewart	199.5	135.6	59.1	4.8	-
Wayne	327.6	97.5	225.9	4.2	-
All counties	1,938.5	896.9	959.4	80.4	1.8

Table 20.--Sawtimber volume of softwoods on commercial forest land by stand-size class, 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million board feet -----					
Benton	6.7	-	4.1	2.6	-
Decatur	43.7	4.6	39.1	-	-
Hardin	182.5	132.8	44.7	5.0	-
Hickman	27.1	23.8	3.3	-	-
Houston	-	-	-	-	-
Humphreys	6.8	6.8	-	-	-
Lawrence	5.2	1.8	3.4	-	-
Lewis	4.0	-	4.0	-	-
Perry	3.4	-	3.4	-	-
Stewart	22.8	22.8	-	-	-
Wayne	113.5	31.3	82.2	-	-
All counties	415.7	223.9	184.2	7.6	-

Table 21.--Sawtimber volume of hardwoods on commercial forest land by stand-size class, 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Million board feet -----					
Benton	243.9	166.5	69.4	6.0	2.0
Decatur	444.9	344.8	100.1	-	-
Hardin	394.3	268.9	100.2	25.2	-
Hickman	746.8	409.2	321.2	16.4	-
Houston	180.6	141.0	34.1	5.5	-
Humphreys	551.7	413.8	129.4	8.5	-
Lawrence	339.5	223.0	116.5	-	-
Lewis	232.5	117.1	108.8	6.6	-
Perry	436.0	260.7	165.6	9.7	-
Stewart	664.2	518.4	133.1	12.7	-
Wayne	722.6	332.6	379.6	10.4	-
All counties	4,957.0	3,196.0	1,658.0	101.0	2.0

Table 22.--Growing-stock volume on commercial forest land by physiographic site class and species group, 1980

County	All sites	Pine		Upland hardwood		Bottomland hardwood	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
----- Million cubic feet -----							
Benton	102.0	3.1	1.2	0.2	91.2	-	6.3
Decatur	159.8	14.8	24.4	1.3	110.9	-	8.4
Hardin	213.5	58.1	56.0	1.1	60.1	1.3	36.9
Hickman	304.0	9.8	13.0	-	281.2	-	-
Houston	67.8	-	-	-	67.8	-	-
Humphreys	220.5	1.1	5.3	1.1	213.0	-	-
Lawrence	129.6	3.4	10.6	-	109.7	-	5.9
Lewis	117.6	1.1	36.7	-	74.0	-	5.8
Perry	197.5	-	-	4.5	188.7	-	4.3
Stewart	205.3	-	-	5.8	199.5	-	-
Wayne	375.1	47.1	105.2	.4	219.9	-	2.5
All counties	2,092.7	138.5	252.4	14.4	1,616.0	1.3	70.1

County	All classes		Growing stock		Rough		Rotten	
	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
Benton	115.8	3.3	98.7	0.2	10.0	-	-	-
Decatur	178.7	16.1	143.7	.3	12.8	13.8	.3	.3
Hardin	240.8	60.5	153.0	1.4	13.8	22.3	-	-
Hickman	335.4	9.8	294.2	.8	22.3	8.5	-	-
Houston	79.5	-	67.8	-	8.5	-	-	-
Humphreys	261.6	2.2	218.3	.1	27.9	24.5	-	-
Lawrence	161.4	3.4	126.2	.4	24.5	10.9	-	-
Lewis	137.5	1.1	116.5	.7	14.7	14.7	-	-
Perry	223.5	4.5	193.0	.1	22.7	14.7	-	.5
Stewart	242.2	5.8	199.5	.4	22.7	14.7	-	-
Wayne	415.9	47.5	327.6	-	30.0	-	-	-
All counties	2,392.3	154.2	1,938.5	4.4	198.1	198.1	1.1	96.0

Table 25.--Volume of timber on commercial forest land by class of timber and species group, 1980

County	All classes		Growing stock		Rough		Rotten	
	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
Benton	98.7	46.0	52.7	41.5	11.2	15.7	11.2	15.7
Decatur	143.7	53.1	90.6	74.9	17.9	17.9	15.7	17.9
Hardin	153.0	67.3	85.7	67.8	17.9	17.9	15.7	17.9
Hickman	294.2	144.2	150.0	122.2	27.8	27.8	15.7	27.8
Houston	67.8	28.6	39.2	30.7	8.5	8.5	15.7	8.5
Humphreys	218.3	106.2	112.1	89.8	22.3	22.3	15.7	22.3
Lawrence	126.2	56.2	70.0	57.4	12.6	12.6	15.7	12.6
Lewis	116.5	48.5	37.7	37.7	10.8	10.8	15.7	10.8
Perry	193.0	101.1	91.9	73.6	18.3	18.3	15.7	18.3
Stewart	199.5	67.2	132.3	108.9	23.4	23.4	15.7	23.4
Wayne	327.6	177.8	149.8	121.2	28.6	28.6	15.7	28.6
All counties	1,938.5	915.7	1,022.8	825.7	197.1	197.1	15.7	197.1

Table 24.--Growing-stock volume of hardwoods on commercial forest land by class of timber and tree section, 1980

County	All classes	Pole timber	Saw timber	
			Total	Upper stem
Benton	46.0	52.7	41.5	11.2
Decatur	53.1	90.6	74.9	15.7
Hardin	67.3	85.7	67.8	17.9
Hickman	144.2	150.0	122.2	27.8
Houston	28.6	39.2	30.7	8.5
Humphreys	106.2	112.1	89.8	22.3
Lawrence	56.2	70.0	57.4	12.6
Lewis	48.5	37.7	37.7	10.8
Perry	101.1	91.9	73.6	18.3
Stewart	67.2	132.3	108.9	23.4
Wayne	177.8	149.8	121.2	28.6
All counties	915.7	1,022.8	825.7	197.1

County	All classes	Pole timber	Saw timber	
			Total	Upper stem
Benton	1.5	1.8	1.4	0.4
Decatur	5.7	10.4	8.4	2.0
Hardin	23.2	37.3	32.0	5.3
Hickman	4.1	5.7	4.9	.8
Houston	-	-	-	-
Humphreys	.6	1.6	1.3	.3
Lawrence	2.2	1.2	1.0	.2
Lewis	.5	.6	.6	-
Perry	3.7	.8	.7	.1
Stewart	1.1	4.7	4.3	.4
Wayne	22.0	25.5	21.6	3.9
All counties	64.6	89.6	76.2	13.4

Table 23.--Growing-stock volume of softwoods on commercial forest land by class of timber and tree section, 1980

County	All classes	Pole timber	Saw timber	
			Total	Upper stem
Benton	1.5	1.8	1.4	0.4
Decatur	5.7	10.4	8.4	2.0
Hardin	23.2	37.3	32.0	5.3
Hickman	4.1	5.7	4.9	.8
Houston	-	-	-	-
Humphreys	.6	1.6	1.3	.3
Lawrence	2.2	1.2	1.0	.2
Lewis	.5	.6	.6	-
Perry	3.7	.8	.7	.1
Stewart	1.1	4.7	4.3	.4
Wayne	22.0	25.5	21.6	3.9
All counties	64.6	89.6	76.2	13.4

Table 26.--Number of growing stock trees by species and diameter class, 1980

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 -----											
<b>Softwood:</b>											
Shortleaf pine	6,447	2,912	1,551	872	695	209	166	23	19	-	-
Loblolly pine	9,958	3,193	4,356	1,870	521	18	-	-	-	-	-
Virginia pine	1,022	250	259	190	244	79	-	-	-	-	-
Redcedar	2,860	1,429	570	564	178	64	17	38	-	-	-
Cypress	65	-	55	-	-	-	-	10	-	-	-
<b>Total</b>	<b>20,352</b>	<b>7,784</b>	<b>6,791</b>	<b>3,496</b>	<b>1,638</b>	<b>370</b>	<b>183</b>	<b>71</b>	<b>19</b>	<b>-</b>	<b>-</b>
<b>Hardwood:</b>											
Select white oaks <sup>1</sup>	57,934	19,728	14,401	10,194	6,620	4,399	1,573	639	279	101	-
Select red oaks <sup>2</sup>	8,578	2,256	1,972	1,847	1,103	403	621	216	100	54	6
Other white oaks	27,776	11,281	7,080	5,184	1,943	1,282	627	294	51	34	-
Other red oaks	35,368	12,873	7,953	5,884	4,054	2,343	1,297	570	224	162	8
Other hickories	36,926	15,108	9,775	6,640	3,199	1,464	389	196	102	53	-
Persimmon	537	261	150	96	30	-	-	-	-	-	-
Hard maple	3,497	1,837	492	607	202	259	87	-	-	13	-
Soft maple	1,859	872	393	270	173	106	33	12	-	-	-
Boxelder	867	354	329	161	-	23	-	-	-	-	-
Beech	2,333	817	299	388	318	248	77	137	20	21	8
Sweetgum	8,767	3,608	2,309	1,374	884	418	118	40	-	16	-
Blackgum	4,728	2,266	1,042	847	294	216	44	-	19	-	-
White ash	1,420	993	60	164	142	24	-	25	12	-	-
Other ashes	2,040	931	527	222	181	149	30	-	-	-	-
Sycamore	975	127	137	410	138	-	74	31	40	18	-
Cottonwood	17	-	-	-	-	-	17	-	-	-	-
Yellow-poplar	10,333	3,130	2,435	1,991	1,056	685	461	289	173	104	9
Willow	75	-	50	-	25	-	-	-	-	-	-
Black walnut	1,007	213	307	264	134	17	72	-	-	-	-
Black cherry	768	393	260	36	-	65	14	-	-	-	-
American elm	1,164	161	393	408	117	18	30	24	-	13	-
Other elms	2,782	1,408	597	429	223	85	31	-	9	-	-
River birch	45	-	-	45	-	-	-	-	-	-	-
Hackberry	1,433	659	387	149	101	75	45	12	-	5	-
Black locust	73	-	48	-	25	-	-	-	-	-	-
Other locusts	131	-	65	-	55	-	-	11	-	-	-
Sassafras	740	562	-	143	22	-	13	-	-	-	-
Dogwood	2,255	2,138	64	53	-	-	-	-	-	-	-
Other hardwoods	156	126	-	-	30	-	-	-	-	-	-
<b>Total</b>	<b>214,584</b>	<b>82,102</b>	<b>51,525</b>	<b>37,806</b>	<b>21,069</b>	<b>12,279</b>	<b>5,653</b>	<b>2,496</b>	<b>1,029</b>	<b>594</b>	<b>31</b>
<b>All species</b>	<b>234,936</b>	<b>89,886</b>	<b>58,316</b>	<b>41,302</b>	<b>22,707</b>	<b>12,649</b>	<b>5,836</b>	<b>2,567</b>	<b>1,048</b>	<b>594</b>	<b>31</b>

<sup>1</sup> Includes white, swamp chestnut, chinkapin, and burr oaks.<sup>2</sup> Includes northern red, shumard, and cherry oaks.

Table 27.--Growing-stock volume on commercial forest land by species and diameter class, 1980

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:											
Shortleaf pine	56.0	7.7	10.4	10.5	13.2	5.5	6.4	1.1	1.2	-	-
Loblolly pine	69.8	8.2	28.9	23.3	9.1	.3	-	-	-	-	-
Virginia pine	9.9	.8	2.2	1.6	3.6	1.7	-	-	-	-	-
Redcedar	17.6	2.9	3.1	5.8	2.7	1.3	.5	1.3	-	-	-
Cypress	.9	-	.4	-	-	-	-	.5	-	-	-
Total	154.2	19.6	45.0	41.2	28.6	8.8	6.9	2.9	1.2	-	-
Hardwood:											
Select white oaks	576.6	52.2	89.8	113.4	117.4	105.5	50.6	26.9	13.7	7.1	-
Select red oaks	106.9	7.7	12.4	20.9	19.3	9.7	19.2	8.4	5.3	3.4	.6
Other white oaks	205.2	28.9	39.7	49.9	29.5	25.3	16.9	11.0	2.3	1.7	-
Other red oaks	340.4	36.1	44.4	59.1	67.1	51.6	39.1	23.0	9.8	9.2	1.0
Other hickories	284.1	35.9	58.2	69.4	56.4	35.3	12.1	8.1	5.1	3.6	-
Persimmon	3.1	.4	.8	1.3	.6	-	-	-	-	-	-
Hard maple	29.0	5.0	3.4	6.6	3.2	6.7	3.1	-	-	1.0	-
Soft maple	13.0	2.1	2.2	2.7	2.5	2.1	.7	.7	-	-	-
Boxelder	3.9	.8	1.3	1.4	-	.4	-	-	-	-	-
Beech	29.6	3.1	1.6	4.2	4.5	5.5	2.4	5.1	.9	1.4	.9
Sweetgum	70.5	8.1	13.8	15.9	14.2	11.1	4.5	1.6	-	1.3	-
Blackgum	28.8	5.1	5.4	7.7	4.6	4.2	1.1	-	.7	-	-
White ash	8.6	2.5	.4	1.4	2.1	.5	-	1.1	.6	-	-
Other ashes	15.9	2.6	3.1	2.0	3.5	3.8	.9	-	-	-	-
Sycamore	15.9	.4	1.0	4.2	2.5	-	2.4	1.3	2.3	1.8	-
Cottonwood	.6	-	-	-	-	-	.6	-	-	-	-
Yellow-poplar	140.1	9.8	15.6	23.0	20.3	18.7	17.8	14.5	11.5	8.3	1.2
Willow	1.0	-	.5	-	.5	-	-	-	-	-	-
Black walnut	9.2	.8	1.6	2.4	2.0	.5	1.9	-	-	-	-
Black cherry	5.9	1.3	1.7	.7	-	1.7	.5	-	-	-	-
American elm	11.5	.6	2.6	3.5	1.5	.5	.8	1.1	-	.9	-
Other elms	18.9	3.6	3.2	5.1	3.5	1.9	1.3	-	.3	-	-
Hackberry	9.5	1.3	1.6	1.2	1.6	1.6	1.3	.5	-	.4	-
Black locust	.5	-	.3	-	.2	-	-	-	-	-	-
Other locusts	1.4	-	.2	-	.8	-	-	.4	-	-	-
Sassafras	3.9	1.7	-	1.4	.4	-	.4	-	-	-	-
Dogwood	3.8	3.0	.1	.1	-	-	-	-	-	-	-
Other hardwoods	.7	.3	-	-	.4	-	-	-	-	-	-
Total	1,938.5	213.3	304.9	397.5	358.6	286.6	177.6	103.7	52.5	40.1	3.7
All species	2,092.7	232.9	349.9	438.7	387.2	295.4	184.5	106.6	53.7	40.1	3.7

Table 28.--Sawtimber volume on commercial forest land by species and diameter class, 1980

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 & large
----- Million board feet -----									
<b>Softwood:</b>									
Shortleaf pine	191.4	45.2	69.2	29.9	36.7	5.6	4.8	-	-
Loblolly pine	138.5	94.9	42.2	1.4	-	-	-	-	-
Virginia pine	30.5	5.2	16.9	8.4	-	-	-	-	-
Redcedar	52.7	24.0	13.1	6.6	2.8	6.2	-	-	-
Cypress	2.6	-	-	-	-	2.6	-	-	-
<b>Total</b>	<b>415.7</b>	<b>169.3</b>	<b>141.4</b>	<b>46.3</b>	<b>39.5</b>	<b>14.4</b>	<b>4.8</b>	<b>-</b>	<b>-</b>
<b>Hardwood:</b>									
Select white oaks	1,543.4	-	507.8	515.2	260.7	148.5	74.5	36.7	-
Select red oaks	325.4	-	82.3	46.3	100.1	43.0	27.8	21.7	4.2
Other white oaks	402.3	-	121.3	120.3	80.8	57.3	12.9	9.7	-
Other red oaks	993.1	-	297.0	260.5	201.3	124.0	54.3	49.0	7.0
Other hickories	583.2	-	248.5	174.6	60.5	50.4	27.5	21.7	-
Persimmon	2.8	-	2.8	-	-	-	-	-	-
Hard maple	66.4	-	14.1	33.1	14.7	-	-	4.5	-
Soft maple	26.7	-	10.6	9.2	3.7	3.2	-	-	-
Boxelder	1.4	-	-	1.4	-	-	-	-	-
Beech	104.6	-	20.2	25.3	9.9	29.2	5.2	8.6	6.2
Sweetgum	141.7	-	53.2	49.9	23.6	7.6	-	7.4	-
Blackgum	49.9	-	19.1	19.8	6.3	-	4.7	-	-
White ash	20.2	-	8.6	3.0	-	5.4	3.2	-	-
Other ashes	39.7	-	16.7	18.3	4.7	-	-	-	-
Sycamore	49.1	-	12.0	-	11.2	5.9	10.5	9.5	-
Cottonwood	2.8	-	-	-	2.8	-	-	-	-
Yellow-poplar	482.0	-	88.0	92.3	100.5	78.0	67.4	47.4	8.4
Willow	2.5	-	2.5	-	-	-	-	-	-
Black walnut	21.0	-	8.9	2.3	9.8	-	-	-	-
Black cherry	9.6	-	-	7.3	2.3	-	-	-	-
American elm	24.5	-	8.2	2.4	3.1	5.9	-	4.9	-
Other elms	32.8	-	14.6	10.3	6.6	-	1.3	-	-
Hackberry	22.3	-	6.5	5.9	5.9	2.3	-	1.7	-
Black locust	.6	-	.6	-	-	-	-	-	-
Other locusts	5.0	-	2.9	-	-	2.1	-	-	-
Sassafras	2.9	-	1.7	-	1.2	-	-	-	-
Other hardwoods	1.1	-	1.1	-	-	-	-	-	-
<b>Total</b>	<b>4,957.0</b>	<b>-</b>	<b>1,549.2</b>	<b>1,397.4</b>	<b>909.7</b>	<b>562.8</b>	<b>289.3</b>	<b>222.8</b>	<b>25.8</b>
<b>All species</b>	<b>5,372.7</b>	<b>169.3</b>	<b>1,690.6</b>	<b>1,443.7</b>	<b>949.2</b>	<b>577.2</b>	<b>294.1</b>	<b>222.8</b>	<b>25.8</b>

Table 29.--Growing-stock volume in the saw-log portion of sawtimber trees on commercial forest land by diameter class and species, 1980

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 -----									
<b>Softwood:</b>									
Shortleaf pine	33.3	8.8	11.8	5.1	5.7	.8	1.1	-	-
Loblolly pine	26.4	18.3	7.9	.2	-	-	-	-	-
Virginia pine	5.9	1.2	3.2	1.5	-	-	-	-	-
Redcedar	10.1	4.7	2.5	1.3	.5	1.1	-	-	-
Cypress	.5	-	-	-	-	.5	-	-	-
<b>Total</b>	<b>76.2</b>	<b>33.0</b>	<b>25.4</b>	<b>8.1</b>	<b>6.2</b>	<b>2.4</b>	<b>1.1</b>	<b>-</b>	<b>-</b>
<b>Hardwood:</b>									
Select white oaks	257.4	-	89.9	85.7	42.1	22.9	11.4	5.4	-
Select red oaks	53.9	-	14.4	7.8	16.4	7.0	4.5	3.2	.6
Other white oaks	68.0	-	21.6	20.7	13.2	9.0	2.0	1.5	-
Other red oaks	165.8	-	52.7	43.8	32.8	19.3	8.7	7.5	1.0
Other hickories	96.4	-	43.0	29.2	9.6	7.3	4.1	3.2	-
Persimmon	.5	-	.5	-	-	-	-	-	-
Hard maple	10.6	-	2.4	5.3	2.2	-	-	.7	-
Soft maple	4.4	-	1.7	1.6	.7	.4	-	-	-
Boxelder	.3	-	-	.3	-	-	-	-	-
Beech	16.8	-	3.5	4.2	2.2	4.1	.8	1.2	.8
Sweetgum	25.4	-	10.0	9.1	4.0	1.1	-	1.2	-
Blackgum	8.3	-	3.2	3.5	.9	-	.7	-	-
White ash	3.4	-	1.5	.5	-	.9	.5	-	-
Other ashes	6.8	-	2.9	3.2	.7	-	-	-	-
Sycamore	8.5	-	2.0	-	2.0	1.1	2.1	1.3	-
Yellow-poplar	78.4	-	15.5	15.7	16.2	12.1	10.4	7.3	1.2
Willow	.4	-	.4	-	-	-	-	-	-
Black walnut	3.6	-	1.7	.3	1.6	-	-	-	-
Black cherry	1.5	-	-	1.2	.3	-	-	-	-
American elm	4.1	-	1.4	.4	.6	.9	-	.8	-
Other elms	5.4	-	2.5	1.6	1.1	-	.2	-	-
Hackberry	3.5	-	1.1	.9	.9	.4	-	.2	-
Black locust	.2	-	.2	-	-	-	-	-	-
Other locusts	.8	-	.5	-	-	.3	-	-	-
Sassafras	.5	-	.3	-	.2	-	-	-	-
Other hardwoods	.8	-	.3	-	.5	-	-	-	-
<b>Total</b>	<b>825.7</b>	<b>-</b>	<b>273.2</b>	<b>235.0</b>	<b>148.2</b>	<b>86.8</b>	<b>45.4</b>	<b>33.5</b>	<b>3.6</b>
<b>All species</b>	<b>901.9</b>	<b>33.0</b>	<b>298.6</b>	<b>243.1</b>	<b>154.4</b>	<b>89.2</b>	<b>46.5</b>	<b>33.5</b>	<b>3.6</b>

Table 30.--Growing-stock volume on commercial forest land by species, class of timber and tree section, 1980

Species	All classes	Poletimber	Sawtimber		
			Total	Sawlog	Upper stem
----- Million cubic feet -----					
Softwood:					
Shortleaf pine	56.0	18.1	37.9	33.3	4.6
Loblolly pine	69.8	37.1	32.7	26.4	6.3
Virginia pine	9.9	3.0	6.9	5.9	1.0
Redcedar	17.6	6.0	11.6	10.1	1.5
Cypress	.9	.4	.5	.5	-
<b>Total</b>	<b>154.2</b>	<b>64.6</b>	<b>89.6</b>	<b>76.2</b>	<b>13.4</b>
Hardwood:					
Select white oaks	576.6	255.4	321.2	257.4	63.8
Select red oaks	106.9	41.0	65.9	53.9	12.0
Other white oaks	205.2	118.5	86.7	68.0	18.7
Other red oaks	340.4	139.6	200.8	165.8	35.0
Other hickories	284.1	163.5	120.6	96.4	24.2
Persimmon	3.1	2.5	.6	.5	.1
Hard maple	29.0	15.0	14.0	10.6	3.4
Soft maple	13.0	7.0	6.0	4.4	1.6
Boxelder	3.9	3.5	.4	.3	.1
Beech	29.6	8.9	20.7	16.8	3.9
Sweetgum	70.5	37.8	32.7	25.4	7.3
Blackgum	28.8	18.2	10.6	8.3	2.3
White ash	8.6	4.3	4.3	3.4	.9
Other ashes	15.9	7.7	8.2	6.8	1.4
Sycamore	15.9	5.6	10.3	8.5	1.8
Yellow-poplar	140.7	48.4	92.3	78.4	13.9
Willow	1.0	.5	.5	.4	.1
Black walnut	9.2	4.8	4.4	3.6	.8
Black cherry	5.9	3.7	2.2	1.5	.7
American elm	11.5	6.7	4.8	4.1	.7
Other elms	18.9	11.9	7.0	5.4	1.6
Hackberry	9.5	4.1	5.4	3.5	1.9
Black locust	.5	.3	.2	.2	-
Other locusts	1.4	.2	1.2	.8	.4
Sassafras	3.9	3.1	.8	.5	.3
Dogwood	3.2	3.2	-	-	-
Other hardwoods	1.3	.3	1.0	.8	.2
<b>Total</b>	<b>1,938.5</b>	<b>915.7</b>	<b>1,022.8</b>	<b>825.7</b>	<b>197.1</b>
<b>All species</b>	<b>2,092.7</b>	<b>980.3</b>	<b>1,112.4</b>	<b>901.9</b>	<b>210.5</b>



Table 31.--Volume of timber on commercial forest land by species and class of timber, 1980

Species	All live	Growing stock	Rough	Rotten
- - - - - Million cubic feet - - - - -				
Softwood:				
Shortleaf pine	57.8	56.0	1.5	.3
Loblolly pine	70.2	69.8	.4	-
Virginia pine	9.9	9.9	-	-
Redcedar	20.5	17.6	2.1	.8
Cypress	1.3	.9	.4	-
Total	159.7	154.2	4.4	1.1
Hardwood:				
Select white oaks	612.9	576.6	27.2	9.1
Select red oaks	116.6	106.9	4.7	5.0
Other white oaks	240.8	205.2	26.1	9.5
Other red oaks	378.8	340.4	22.5	15.9
Other hickories	319.2	284.1	20.6	14.5
Persimmon	4.6	3.1	1.3	.2
Hard maple	37.4	29.0	7.1	1.3
Soft maple	19.1	13.0	4.8	1.3
Boxelder	7.2	3.9	3.2	.1
Beech	64.7	29.6	14.8	20.3
Sweetgum	79.3	70.5	5.6	3.2
Blackgum	37.3	28.8	4.0	4.5
White ash	12.0	8.6	2.5	.9
Other ashes	18.5	15.9	1.9	.7
Sycamore	17.5	15.9	.4	1.2
Yellow-poplar	146.8	140.7	1.6	4.5
Willow	1.3	1.0	.3	-
Black walnut	12.9	9.2	3.4	.3
Black cherry	10.2	5.9	3.8	.5
American elm	14.8	11.5	2.9	.4
Other elms	23.7	18.9	4.3	.5
Hackberry	11.4	9.5	1.7	.2
Black locust	.7	.5	-	.2
Other locusts	2.8	1.4	1.4	-
Sassafras	5.5	3.9	.8	.8
Dogwood	3.5	3.2	.1	.2
Other hardwoods	2.5	1.3	.5	.7
Other commercial	30.6	-	30.6	-
Total	2,232.6	1,938.5	198.1	96.0
All species	2,392.3	2,092.7	202.5	97.1

Table 32.--Average volume per acre of growing stock and sawtimber on commercial forest land by species group and ownership class, 1980

Ownership class	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	----- Cubic feet -----			----- Board feet -----		
National forest	-	-	-	-	-	-
Other public	1,129	78	1,051	3,971	221	3,750
Forest industry	953	52	901	2,376	136	2,240
Farmer	941	41	900	2,447	154	2,293
Misc. private	963	105	857	2,393	247	2,146
All ownerships	959	71	888	2,460	190	2,270

Table 33.--Average volume per acre of growing stock and sawtimber on commercial forest land by forest type and species group, 1980

Forest type	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	----- Cubic feet -----			----- Board feet -----		
Loblolly-shortleaf	1,193	1,005	188	3,135	2,752	383
Oak-pine	653	350	303	1,529	990	539
Oak-hickory	956	13	943	2,443	31	2,412
Oak-gum-cypress	952	20	932	2,829	65	2,764
Elm-ash-cottonwood	706	-	706	1,664	-	1,664
All types	959	71	888	2,460	190	2,270

Table 34.--Metric area of commercial forest land by ownership class, 1980

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
	----- Thousand hectares -----					
Benton	65.2	-	5.8	5.0	18.3	36.1
Decatur	58.7	-	.9	4.7	26.9	26.2
Hardin	90.5	-	(1)	12.6	41.7	36.2
Hickman	111.3	-	.7	34.4	52.7	23.5
Houston	33.1	-	.3	2.5	10.6	19.7
Humphreys	90.3	-	2.7	12.5	23.5	51.6
Lawrence	62.3	-	5.5	2.3	38.4	16.1
Lewis	53.1	-	.5	16.2	4.8	31.6
Perry	88.3	-	.6	21.5	44.7	21.5
Stewart	80.3	-	12.1	20.1	13.1	35.0
Wayne	150.6	-	(1)	55.2	34.0	61.4
All counties	883.7	-	29.1	187.0	308.7	358.9

1/ Negligible

Table 35.--Metric volume of growing stock on commercial forest land by species group, 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
----- Thousand cubic meters -----								
Benton	2,888	94	88	6	2,795	1,852	252	691
Decatur	4,525	456	377	79	4,069	2,447	320	1,302
Hardin	6,046	1,713	1,602	111	4,332	1,973	510	1,849
Hickman	8,608	278	258	20	8,331	5,423	150	2,758
Houston	1,920	-	-	-	1,920	1,090	79	751
Humphreys	6,244	62	17	45	6,182	4,253	357	1,572
Lawrence	3,670	96	96	-	3,574	2,217	167	1,190
Lewis	3,330	31	31	-	3,299	2,475	51	773
Perry	5,593	127	39	88	5,465	3,588	167	1,710
Stewart	5,813	164	-	164	5,649	3,398	419	1,832
Wayne	10,622	1,345	1,334	11	9,277	6,088	340	2,849
All counties	59,259	4,366	3,842	524	54,893	34,804	2,812	17,277

Table 36.--Average volume per hectare of growing stock on commercial forest land by species group and ownership class, 1980

Ownership class	All species	Softwood	Hardwood
----- Cubic meters -----			
National forest	-	-	-
Other public	79	5	74
Forest industry	67	4	63
Farmer	66	3	63
Misc. private	67	7	60
All ownerships	67	5	62

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UNIT, SOUTHERN FOREST EXPERIMENT STATION.

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Tabulates forest resource information from a new  
inventory of the West Central Unit of Tennessee.

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