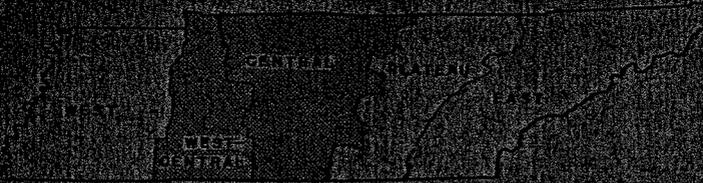


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Forest Statistics
for
Middle Tennessee Counties

Arnold Holland
and
J. M. Boyles



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Forest Statistics for Middle Tennessee Counties

Arnold Hedlund and J. M. Earles

This report tabulates information from a new forest inventory of counties of the central and west-central regions of Tennessee, completed in 1971 by the Southern Forest Experiment Station. The tables are intended for use as source data in compiling estimates for groups of counties. Because the sampling procedure is intended 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 region.

When data for two or more counties are grouped the error decreases. Conversely, as data for individual counties are broken down

Table 1. *Sampling errors¹ for forest land and timber volume, 1971*

County	Commercial forest land	Growing stock	Sawtimber
----- Percent -----			
Bedford	2	33	46
Benton	4	14	20
Cannon	2	16	34
Cheatham	2	24	32
Clay	2	33	50
Coffee	4	18	26
Davidson	1	37	38
Decatur	3	10	16
De Kalb	3	27	47
Dickson	1	13	21
Giles	2	15	27
Hardin	2	9	15
Hickman	2	7	13
Houston	2	19	34
Humphreys	2	10	17
Jackson	4	29	56
Lawrence	1	14	23
Lewis	5	13	19
Lincoln	2	24	36
Macon	4	15	23
Marshall	3	32	41
Maury	2	21	32
Montgomery	3	22	37
Moore	3	27	40
Perry	1	7	13
Robertson	1	33	37
Rutherford	2	30	44
Smith	5	35	70
Stewart	3	10	13
Sumner	3	44	45
Trousdale	3	50	46
Wayne	3	6	12
Williamson	3	13	20
Wilson	4	39	51
All counties	6	5.5	8.5

¹ By random-sampling formula.

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 2. Sampling errors for timber volume by species, 1971

Species	West Central		Central	
	Growing stock	Saw-timber	Growing stock	Saw-timber
----- Percent -----				
Softwood:				
Shortleaf pine	23	28	...	...
Loblolly pine	39	(¹)	(¹)	...
Virginia pine	(¹)	(¹)	(¹)	(¹)
Redcedar	33	(¹)	16	40
Cypress	(¹)	...	...	...
All softwoods	<u>18.2</u>	<u>23.0</u>	<u>15.2</u>	<u>35.0</u>
Hardwood:				
White oak (<i>Quercus alba</i>)	6	9	13	17
Other white oaks	13	16	19	29
Northern red oak	11	13	18	22
Other red oaks	7	11	14	18
Hickory	7	9	12	20
Hard maple	21	40	18	21
Soft maple	30	36	24	35
Beech	21	23	25	34
Sweetgum	16	25	34	38
Blackgum	13	21	22	42
White ash	28	(¹)	19	27
Other ashes	25	33	22	33
Sycamore	33	38	30	33
Basswood	...	...	34	41
Yellow-poplar	12	14	18	25
Black walnut	24	39	15	23
Black cherry	28	(¹)	25	34
American elm	27	(¹)	18	30
Other elms	22	31	18	29
Hackberry	(¹)	(¹)	20	36
Black locust	(¹)	...	23	(¹)
Sassafras	32	(¹)	25	(¹)
Other hardwoods	(¹)	(¹)	(¹)	(¹)
All hardwoods	<u>3.2</u>	<u>5.2</u>	<u>5.7</u>	<u>8.1</u>
All species	<u>2.9</u>	<u>5.0</u>	<u>5.5</u>	<u>8.5</u>

¹ Exceeds 50 percent.

Because of differences in standards of tree measurement, meaningful comparisons cannot be made between the estimates in this report and those contained in earlier publications on Tennessee. In table 3, changes between the two surveys are summarized in terms of 1971 measurement standards.

Table 3. Change ¹ in forest resource since 1961

Item	West Central region	Central region
-- Percent --		
Commercial forest land	-1.1	-11.8
Growing-stock volume:		
Softwood	+ 62	+ 65
Hardwood	+ 18	+ 8
All species	+ 20	+ 9
Sawtimber volume:		
Softwood	+ 80	+ 28
Hardwood	+ 27	+ 9
All species	+ 29	+ 9

¹ Based on 1971 measurement standards.

It is anticipated that data for other counties of Tennessee 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 the previous survey of 1961.

In the tables that follow, sawtimber volume is shown in International ¼-inch rule except when Doyle or Scribner rule is indicated.

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, unless otherwise indicated.

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, west central region, 1971

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
----- Thousand acres -----						
Benton	168.2	...	14.9	...	69.5	83.8
Decatur	149.1	...	3.4	11.4	74.0	60.3
Hardin	225.6	...	2.9	38.3	91.1	93.3
Hickman	269.5	...	...	83.2	117.5	68.8
Houston	91.0	...	.9	13.0	38.9	38.2
Humphreys	248.0	...	7.3	24.8	86.7	129.2
Lawrence	182.7	...	12.6	6.3	100.6	63.2
Lewis	144.9	...	1.4	25.2	25.2	93.1
Perry	212.8	...	2.5	39.1	111.8	59.4
Stewart	221.1	...	86.2	40.1	53.5	41.3
Wayne	378.0	...	.2	106.9	138.4	132.5
All counties	2,290.9	...	132.3	388.3	907.2	863.1

Table 5. Commercial forest land by ownership class, central region, 1971

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
----- Thousand acres -----						
Bedford	76.0	...	(1/)	...	60.0	16.0
Cannon	86.4	...	(1/)	...	56.8	29.6
Cheatham	108.8	...	21.2	...	13.4	74.2
Clay	99.0	...	9.8	...	16.3	72.9
Coffee	117.6	...	22.2	9.7	67.7	18.0
Davidson	104.0	...	6.1	...	20.5	77.4
De Kalb	88.2	...	17.6	...	12.4	58.2
Dickson	160.0	...	.3	...	74.0	85.7
Giles	160.0	...	.1	4.9	88.8	66.2
Jackson	110.5	...	3.0	...	83.8	23.7
Lincoln	116.6	...	...	...	62.7	53.9
Macon	73.6	...	...	...	54.4	19.2
Marshall	78.1	...	(1/)	...	42.0	36.1
Maury	126.0	...	...	...	65.1	60.9
Montgomery	116.2	...	21.2	...	40.9	54.1
Moore	30.8	...	...	...	30.4	.4
Robertson	59.0	...	...	...	11.6	47.4
Rutherford	117.6	...	4.5	...	87.0	26.1
Smith	72.0	...	1.8	...	35.5	34.7
Sumner	98.1	...	1.3	...	43.0	53.8
Trousdale	23.8	...	.3	...	11.7	11.8
Williamson	145.0	...	.6	...	88.8	55.6
Wilson	109.0	...	8.3	...	75.2	25.5
All counties	2,276.3	...	118.3	14.6	1,142.0	1,001.4

1/ Negligible.

Table 6. Commercial forest land by forest type, west central region, 1971

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Thousand acres -----							
Benton	168.2	11.6	5.8	11.6	121.8	17.4	...
Decatur	149.1	5.8	5.7	5.8	131.8	...	...
Hardin	225.6	28.8	43.2	...	115.2	38.4	...
Hickman	269.5	4.9	...	...	264.6	...	...
Houston	91.0	...	...	6.5	84.5	...	...
Humphreys	248.0	...	...	12.4	235.6	...	...
Lawrence	182.7	...	...	...	176.4	...	6.3
Lewis	144.9	...	6.3	...	138.6	...	...
Perry	212.8	...	...	11.2	196.0	5.6	...
Stewart	221.1	...	...	6.7	214.4	...	...
Wayne	378.0	12.6	31.5	6.3	321.3	...	6.3
All counties	2,290.9	63.7	92.5	60.5	2,000.2	61.4	12.6

Table 7. Commercial forest land by forest type, central region, 1971

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
----- Thousand acres -----							
Bedford	76.0	...	...	30.4	38.0	7.6	...
Cannon	86.4	...	9.6	9.6	67.2	...	...
Cheatham	108.8	...	...	13.6	95.2	...	...
Clay	99.0	...	...	16.5	82.5	...	...
Coffee	117.6	...	...	9.8	98.0	9.8	...
Davidson	104.0	...	...	10.4	93.6	...	...
De Kalb	88.2	...	...	31.5	50.4	6.3	...
Dickson	160.0	...	...	...	160.0	...	...
Giles	160.0	...	5.0	...	150.0	5.0	...
Jackson	110.5	...	...	25.5	85.0	...	...
Lincoln	116.6	...	...	53.0	42.4	10.6	10.6
Macon	73.6	...	...	...	73.6	...	...
Marshall	78.1	...	...	28.4	49.7	...	...
Maury	126.0	...	...	6.0	114.0	6.0	...
Montgomery	116.2	...	8.3	8.3	74.7	24.9	...
Moore	30.8	...	...	...	30.8	...	...
Robertson	59.0	...	...	...	59.0	...	...
Rutherford	117.6	...	...	68.6	49.0	...	...
Smith	72.0	...	...	18.0	54.0	...	...
Sumner	98.1	...	...	10.9	76.3	...	10.9
Trousdale	23.8	...	...	...	23.8	...	...
Williamson	145.0	...	5.0	30.0	105.0	...	5.0
Wilson	109.0	...	...	65.4	43.6	...	...
All counties	2,276.3	...	27.9	435.9	1,715.8	70.2	26.5

Table 8. Commercial forest land by stand-size class, west central region, 1971

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Thousand acres -----					
Benton	168.2	23.2	92.8	52.2	...
Decatur	149.1	51.6	63.1	34.4	...
Hardin	225.6	62.4	91.2	72.0	...
Hickman	269.5	44.1	127.4	98.0	...
Houston	91.0	32.5	32.5	26.0	...
Humphreys	248.0	31.0	130.2	86.8	...
Lawrence	182.7	31.5	69.3	81.9	...
Lewis	144.9	25.2	75.6	44.1	...
Perry	212.8	33.6	128.8	50.4	...
Stewart	221.1	87.1	87.1	46.9	...
Wayne	378.0	37.8	277.2	63.0	...
All counties	2,290.9	460.0	1,175.2	655.7	...

Table 9. Commercial forest land by stand-size class, central region, 1971

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
----- Thousand acres -----					
Bedford	76.0	15.2	7.6	53.2	...
Cannon	86.4	9.6	48.0	28.8	...
Cheatham	108.8	40.8	40.8	27.2	...
Clay	99.0	33.0	49.5	16.5	...
Coffee	117.6	39.2	58.8	19.6	...
Davidson	104.0	20.8	31.2	52.0	...
De Kalb	88.2	12.6	18.9	56.7	...
Dickson	160.0	60.0	70.0	30.0	...
Giles	160.0	20.0	60.0	75.0	5.0
Jackson	110.5	17.0	59.5	34.0	...
Lincoln	116.6	10.6	42.4	63.6	...
Macon	73.6	9.2	55.2	9.2	...
Marshall	78.1	14.2	14.2	49.7	...
Maury	126.0	24.0	36.0	66.0	...
Montgomery	116.2	24.9	24.9	66.4	...
Moore	30.8	7.7	23.1	...	...
Robertson	59.0	23.6	11.8	23.6	...
Rutherford	117.6	...	49.0	58.8	9.8
Smith	72.0	...	36.0	36.0	...
Sumner	98.1	32.7	...	65.4	...
Trousdale	23.8	...	11.9	11.9	...
Williamson	145.0	30.0	25.0	90.0	...
Wilson	109.0	...	32.7	76.3	...
All counties	2,276.3	445.1	806.5	1,009.9	14.8

Table 10. *Commercial forest land by site class, west central region, 1971*

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.
----- <i>Thousand acres</i> -----						
Benton	168.2	...	...	29.0	63.8	75.4
Decatur	149.1	...	40.3	28.6	74.5	5.7
Hardin	225.6	...	28.8	52.8	110.4	33.6
Hickman	269.5	...	4.9	24.5	181.3	58.8
Houston	91.0	...	...	19.5	58.5	13.0
Humphreys	248.0	...	...	49.6	80.6	117.8
Lawrence	182.7	...	...	31.5	88.2	63.0
Lewis	144.9	...	...	...	94.5	50.4
Perry	212.8	...	...	11.2	128.8	72.8
Stewart	221.1	...	...	20.1	140.7	60.3
Wayne	378.0	6.3	...	63.0	144.9	163.8
All counties	2,290.0	6.3	74.0	329.8	1,166.2	714.6

Table 11. *Commercial forest land by site class, central region, 1971*

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.
----- <i>Thousand acres</i> -----						
Bedford	76.0	...	...	7.6	22.8	45.6
Cannon	86.4	...	...	...	38.4	48.0
Cheatham	108.8	...	...	13.6	81.6	13.6
Clay	99.0	...	...	49.5	...	49.5
Coffee	117.6	...	...	19.6	58.8	39.2
Davidson	104.0	...	...	...	62.4	41.6
De Kalb	88.2	...	...	18.9	25.2	44.1
Dickson	160.0	...	...	30.0	85.0	45.0
Giles	160.0	...	...	40.0	90.0	30.0
Jackson	110.5	...	...	25.5	51.0	34.0
Lincoln	116.6	...	...	10.6	74.2	31.8
Macon	73.6	...	...	18.4	55.2	...
Marshall	78.1	...	...	...	42.6	35.5
Maury	126.0	...	...	42.0	42.0	42.0
Montgomery	116.2	8.3	...	49.8	49.8	8.3
Moore	30.8	...	...	...	23.1	7.7
Robertson	59.0	...	...	...	59.0	...
Rutherford	117.6	...	...	...	19.6	98.0
Smith	72.0	...	...	9.0	54.0	9.0
Sumner	98.1	...	...	10.9	65.4	21.8
Trousdale	23.8	...	...	...	23.8	...
Williamson	145.0	...	...	50.0	65.0	30.0
Wilson	109.0	...	...	10.9	54.5	43.6
All counties	2,276.3	8.3	...	406.3	1,143.4	718.3

Table 12. Cordage of growing stock on commercial forest land by species group, west central region, 1971

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Thousand cords -----								
Benton	1,804	77	77	...	1,727	1,199	134	394
Decatur	1,876	139	113	26	1,737	1,022	105	610
Hardin	2,694	512	477	35	2,182	1,031	241	910
Hickman	3,041	40	31	9	3,001	1,988	73	940
Houston	1,199	8	...	8	1,191	696	40	455
Humphreys	2,508	21	4	17	2,487	1,727	170	590
Lawrence	1,849	...	...	...	1,849	1,031	170	648
Lewis	1,699	47	47	...	1,652	1,361	13	278
Perry	2,601	23	4	19	2,578	1,751	61	766
Stewart	3,056	53	...	53	3,003	1,770	223	1,010
Wayne	4,641	520	499	21	4,121	2,678	131	1,312
All counties	26,968	1,440	1,252	188	25,528	16,254	1,361	7,913

Table 13. Cordage of growing stock on commercial forest land by species group, central region, 1971

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Thousand cords -----								
Bedford	480	11	...	11	469	108	...	361
Cannon	420	17	10	7	403	90	19	294
Cheatham	1,253	20	...	20	1,233	615	103	515
Clay	1,031	24	17	7	1,007	616	12	379
Coffee	1,463	...	...	...	1,463	911	19	533
Davidson	993	...	...	...	993	555	...	438
De Kalb	787	72	...	72	715	190	85	440
Dickson	2,516	3	...	3	2,513	1,534	75	904
Giles	1,040	16	8	8	1,024	373	69	582
Jackson	1,058	77	...	77	981	219	...	762
Lincoln	670	57	...	57	613	171	9	433
Macon	852	...	...	...	852	158	6	688
Marshall	491	31	...	31	460	145	...	315
Maury	1,007	...	...	...	1,007	267	31	709
Montgomery	1,032	23	...	23	1,009	379	52	578
Moore	470	25	...	25	445	178	4	263
Robertson	821	...	...	...	821	416	57	348
Rutherford	457	75	...	75	382	107	...	275
Smith	588	31	...	31	557	204	...	353
Sumner	785	16	...	16	769	364	99	306
Trousdale	87	5	...	5	82	12	...	70
Williamson	1,268	64	...	64	1,204	407	61	736
Wilson	480	47	...	47	433	148	...	285
All counties	20,049	614	35	579	19,435	8,167	701	10,567

Table 14. *Growing-stock volume on commercial forest land by species group, west central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million cubic feet -----								
Benton	121.5	5.8	5.8	...	115.7	80.3	9.0	26.4
Decatur	126.8	10.4	8.5	1.9	116.4	68.5	7.0	40.9
Hardin	184.6	38.4	35.8	2.6	146.2	69.1	16.1	61.0
Hickman	204.1	3.0	2.3	.7	201.1	133.2	4.9	63.0
Houston	80.4	.6	...	.6	79.8	46.6	2.7	30.5
Humphreys	168.2	1.6	.3	1.3	166.6	115.7	11.4	39.5
Lawrence	123.9	...	...	...	123.9	69.1	11.4	43.4
Lewis	114.2	3.5	3.5	...	110.7	91.2	.9	18.6
Perry	174.4	1.7	.3	1.4	172.7	117.3	4.1	51.3
Stewart	205.2	4.0	...	4.0	201.2	118.6	14.9	67.7
Wayne	315.1	39.0	37.4	1.6	276.1	179.4	8.8	87.9
All counties	1,818.4	108.0	93.9	14.1	1,710.4	1,089.0	91.2	530.2

Table 15. *Growing-stock volume on commercial forest land by species group, central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million cubic feet -----								
Bedford	32.2	0.8	...	0.8	31.4	7.2	...	24.2
Cannon	28.3	1.3	0.8	.5	27.0	6.0	1.3	19.7
Cheatham	84.1	1.5	...	1.5	82.6	41.2	6.9	34.5
Clay	69.3	1.8	1.3	.5	67.5	41.3	.8	25.4
Coffee	98.0	...	...	...	98.0	61.0	1.3	35.7
Davidson	66.5	...	...	...	66.5	37.2	...	29.3
De Kalb	53.3	5.4	...	5.4	47.9	12.7	5.7	29.5
Dickson	168.6	.2	...	.2	168.4	102.8	5.0	60.6
Giles	69.8	1.2	.6	.6	68.6	25.0	4.6	39.0
Jackson	71.5	5.8	...	5.8	65.7	14.7	...	51.0
Lincoln	45.4	4.3	...	4.3	41.1	11.5	.6	29.0
Macon	57.1	...	...	...	57.1	10.6	.4	46.1
Marshall	33.1	2.3	...	2.3	30.8	9.7	...	21.1
Maury	67.5	...	...	...	67.5	17.9	2.1	47.5
Montgomery	69.3	1.7	...	1.7	67.6	25.4	3.5	38.7
Moore	31.7	1.9	...	1.9	29.8	11.9	.3	17.6
Robertson	55.0	...	...	...	55.0	27.9	3.8	23.3
Rutherford	31.2	5.6	...	5.6	25.6	7.2	...	18.4
Smith	39.6	2.3	...	2.3	37.3	13.7	...	23.6
Sumner	52.7	1.2	...	1.2	51.5	24.4	6.6	20.5
Trousdale	5.9	.4	...	.4	5.5	.8	...	4.7
Williamson	85.5	4.8	...	4.8	80.7	27.3	4.1	49.3
Wilson	32.5	3.5	...	3.5	29.0	9.9	...	19.1
All counties	1,348.1	46.0	2.7	43.3	1,302.1	547.3	47.0	707.8

Table 16. *Sawtimber volume on commercial forest land by species group, west central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Benton	219.4	13.8	13.8	...	205.6	158.7	17.2	29.7
Decatur	296.8	11.4	8.6	2.8	285.4	170.6	14.6	100.2
Hardin	429.3	81.8	79.8	2.0	347.5	191.8	31.2	124.5
Hickman	399.4	6.7	4.0	2.7	392.7	265.9	5.4	121.4
Houston	176.4	1.8	...	1.8	174.6	112.9	4.4	57.3
Humphreys	286.6	3.1	.5	2.6	283.5	204.6	1.8	77.1
Lawrence	274.3	...	...	...	274.3	168.3	11.5	94.5
Lewis	197.3	11.5	11.5	...	185.8	152.5	...	33.3
Perry	304.7	2.0	.8	1.2	302.7	212.9	2.2	87.6
Stewart	526.3	17.0	...	17.0	509.3	334.1	16.7	158.5
Wayne	525.3	52.4	52.4	...	472.9	326.8	8.4	137.7
All counties	3,635.8	201.5	171.4	30.1	3,434.3	2,299.1	113.4	1,021.8

Table 17. *Sawtimber volume on commercial forest area by species group, central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Bedford	64.3	...	...	...	64.3	29.2	...	35.1
Cannon	31.3	...	...	...	31.3	11.2	2.1	18.0
Cheatham	243.6	...	...	...	243.6	112.4	36.4	94.8
Clay	190.3	7.0	7.0	...	183.3	128.8	...	54.5
Coffee	263.0	...	...	...	263.0	181.4	3.1	78.5
Davidson	184.3	...	...	...	184.3	117.7	...	66.6
De Kalb	129.2	1.5	...	1.5	127.7	37.5	16.5	73.7
Dickson	415.2	...	...	...	415.2	301.4	.7	113.1
Giles	142.4	...	...	...	142.4	77.0	10.1	55.3
Jackson	201.1	1.1	...	1.1	200.0	43.6	...	156.4
Lincoln	72.2	...	...	...	72.2	17.7	...	54.5
Macon	99.5	...	...	...	99.5	27.3	...	72.2
Marshall	94.6	2.7	...	2.7	91.9	29.0	...	62.9
Maury	173.1	...	...	...	173.1	53.9	6.3	112.9
Montgomery	149.6	...	...	...	149.6	59.2	5.2	85.2
Moore	82.8	6.4	...	6.4	76.4	47.9	...	28.5
Robertson	176.7	...	...	...	176.7	110.0	8.6	58.1
Rutherford	17.9	...	...	...	17.9	6.4	...	11.5
Smith	60.4	.5	...	.5	59.9	19.1	...	40.8
Sumner	177.3	2.6	...	2.6	174.7	99.2	13.4	62.1
Trousdale	7.4	...	...	...	7.4	2.4	...	5.0
Williamson	217.4	4.8	...	4.8	212.6	72.0	12.0	128.6
Wilson	57.7	.6	...	.6	57.1	20.3	...	36.8
All counties	3,251.3	27.2	7.0	20.2	3,224.1	1,604.6	114.4	1,505.1

Table 18. *Sawtimber volume on commercial forest land by species group and diameter class, west central region, 1971*

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	219.4	13.8	13.8	...	205.6	140.6	65.0
Decatur	296.8	11.4	10.0	1.4	285.4	183.9	101.5
Hardin	429.3	81.8	73.1	8.7	347.5	193.7	153.8
Hickman	399.4	6.7	4.0	2.7	392.7	257.0	135.7
Houston	176.4	1.8	...	1.8	174.6	98.8	75.8
Humphreys	286.6	3.1	1.6	1.5	283.5	198.3	85.2
Lawrence	274.3	...	...	...	274.3	160.3	114.0
Lewis	197.3	11.5	11.5	...	185.8	143.6	42.2
Perry	304.7	2.0	2.0	...	302.7	240.9	61.8
Stewart	526.3	17.0	17.0	...	509.3	251.1	258.2
Wayne	525.3	52.4	52.4	...	472.9	351.8	121.1
All counties	3,635.8	201.5	185.4	16.1	3,434.3	2,220.0	1,214.3

Table 19. *Sawtimber volume on commercial forest land by species group and diameter class, central region, 1971*

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 -----							
Bedford	64.3	...	...	...	64.3	45.0	19.3
Cannon	31.3	...	...	...	31.3	21.3	10.0
Cheatham	243.6	...	...	...	243.6	91.3	152.3
Clay	190.3	7.0	7.0	...	183.3	119.4	63.9
Coffee	263.0	...	...	...	263.0	114.7	148.3
Davidson	184.3	...	...	...	184.3	88.4	95.9
De Kalb	129.2	1.5	1.5	...	127.7	50.5	77.2
Dickson	415.2	...	...	...	415.2	238.3	176.9
Giles	142.4	...	...	...	142.4	74.4	68.0
Jackson	201.1	1.1	1.1	...	200.0	86.8	113.2
Lincoln	72.2	...	...	...	72.2	48.9	23.3
Macon	99.5	...	...	...	99.5	63.5	36.0
Marshall	94.6	2.7	2.7	...	91.9	38.7	53.2
Mauzy	173.1	...	...	...	173.1	89.1	84.0
Montgomery	149.6	...	...	...	149.6	62.6	87.0
Moore	82.8	6.4	6.4	...	76.4	29.7	46.7
Robertson	176.7	...	...	...	176.7	41.4	135.3
Rutherford	17.9	...	...	...	17.9	15.7	2.2
Smith	60.4	.5	.5	...	59.9	16.3	43.6
Sumner	177.3	2.6	...	2.6	174.7	49.6	125.1
Trousdale	7.4	...	...	...	7.4	7.4	...
Williamson	217.4	4.8	1.7	3.1	212.6	101.4	111.2
Wilson	57.7	.6	.6	...	57.1	31.1	26.0
All counties	3,251.3	27.2	21.5	5.7	3,224.1	1,525.5	1,698.6

Table 20. *Sawtimber volume in Scribner rule on commercial forest land by species group, west central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Benton	186.4	11.0	11.0	...	175.4	135.7	14.8	24.9
Decatur	256.3	10.0	7.4	2.6	246.3	146.6	12.3	87.4
Hardin	371.3	66.8	65.2	1.6	304.5	168.3	27.1	109.1
Hickman	348.8	5.5	3.2	2.3	343.3	232.0	4.8	106.5
Houston	154.0	1.6	...	1.6	152.4	99.1	3.6	49.7
Humphreys	247.0	2.6	.4	2.2	244.4	176.2	1.6	66.6
Lawrence	240.3	...	...	...	240.3	147.6	9.7	83.0
Lewis	169.1	9.1	9.1	...	160.0	131.4	...	28.6
Perry	263.0	1.3	.5	.8	261.7	183.9	1.8	76.0
Stewart	460.7	13.3	...	13.3	447.4	293.5	14.4	139.5
Wayne	456.4	42.4	42.4	...	414.0	287.3	7.2	119.5
All counties	3,153.3	163.6	139.2	24.4	2,989.7	2,001.6	97.3	890.8

Table 21. *Sawtimber volume in Scribner rule on commercial forest land by species group, central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
----- Million board feet -----								
Bedford	55.6	...	...	...	55.6	25.5	...	30.1
Cannon	26.4	...	...	...	26.4	9.6	1.6	15.2
Cheatham	215.4	...	...	...	215.4	101.2	32.1	82.1
Clay	169.3	6.2	6.2	...	163.1	116.0	...	47.1
Coffee	231.7	...	...	...	231.7	160.0	2.6	69.1
Davidson	163.4	...	...	...	163.4	104.7	...	58.7
De Kalb	114.6	2.3	...	2.3	112.3	32.7	14.1	65.5
Dickson	363.8	...	...	...	363.8	264.6	.6	98.6
Giles	124.7	...	...	...	124.7	67.8	8.9	48.0
Jackson	177.3	1.4	...	1.4	175.9	38.2	...	137.7
Lincoln	59.5	...	...	...	59.5	14.3	...	45.2
Macon	85.0	...	...	...	85.0	23.3	...	61.7
Marshall	82.3	1.9	...	1.9	80.4	25.4	...	55.0
Maury	153.2	...	...	...	153.2	48.1	5.7	99.4
Montgomery	131.0	...	...	...	131.0	51.6	4.6	74.8
Moore	72.9	5.2	...	5.2	67.7	43.0	...	24.7
Robertson	157.6	...	...	...	157.6	98.4	7.6	51.6
Rutherford	15.2	...	...	...	15.2	5.3	...	9.9
Smith	54.3	.9	...	.9	53.4	16.8	...	36.6
Sumner	157.8	2.1	...	2.1	155.7	89.3	11.6	54.8
Trousdale	5.3	...	...	...	5.3	1.7	...	3.6
Williamson	192.5	3.7	...	3.7	188.8	63.5	10.6	114.7
Wilson	51.0	1.0	...	1.0	50.0	17.6	...	32.4
All counties	2,859.8	24.7	6.2	18.5	2,835.1	1,418.6	100.0	1,316.5

Table 22. *Sawtimber volume in Scribner rule on commercial forest land by species group and diameter class, west central region, 1971*

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	186.4	11.0	11.0	...	175.4	117.8	57.6
Decatur	256.3	10.0	8.8	1.2	246.3	155.2	91.1
Hardin	371.3	66.8	59.2	7.6	304.5	164.6	139.9
Hickman	348.8	5.5	3.2	2.3	343.3	220.8	122.5
Houston	154.0	1.6	...	1.6	152.4	83.9	68.5
Humphreys	247.0	2.6	1.3	1.3	244.4	167.6	76.8
Lawrence	240.3	...	...	...	240.3	136.1	104.2
Lewis	169.1	9.1	9.1	...	160.0	122.3	37.7
Perry	263.0	1.3	1.3	...	261.7	206.2	55.5
Stewart	460.7	13.3	13.3	...	447.4	213.1	234.3
Wayne	456.4	42.4	42.4	...	414.0	304.1	109.9
All counties	3,153.3	163.6	149.6	14.0	2,989.7	1,891.7	1,098.0

Table 23. *Sawtimber volume in Scribner rule on commercial forest land by species group and diameter class, central region, 1971*

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 -----							
Bedford	55.6	...	...	...	55.6	38.4	17.2
Cannon	26.4	...	...	...	26.4	17.6	8.8
Cheatham	215.4	...	...	...	215.4	77.6	137.8
Clay	169.3	6.2	6.2	...	163.1	104.8	58.3
Coffee	231.7	...	...	...	231.7	97.3	134.4
Davidson	163.4	...	...	...	163.4	76.2	87.2
De Kalb	114.6	2.3	2.3	...	112.3	42.8	69.5
Dickson	363.8	...	...	...	363.8	203.0	160.8
Giles	124.7	...	...	...	124.7	63.4	61.3
Jackson	177.3	1.4	1.4	...	175.9	73.8	102.1
Lincoln	59.5	...	...	...	59.5	39.3	20.2
Macon	85.0	...	...	...	85.0	52.9	32.1
Marshall	82.3	1.9	1.9	...	80.4	32.6	47.8
Mauzy	153.2	...	...	...	153.2	77.3	75.9
Montgomery	131.0	...	...	...	131.0	52.5	78.5
Moore	72.9	5.2	5.2	...	67.7	25.8	41.9
Robertson	157.6	...	...	...	157.6	35.2	122.4
Rutherford	15.2	...	...	...	15.2	13.2	2.0
Smith	54.3	.9	.9	...	53.4	13.2	40.2
Sumner	157.8	2.1	...	2.1	155.7	42.3	113.4
Trousdale	5.3	...	...	...	5.3	5.3	...
Williamson	192.5	3.7	1.2	2.5	188.8	87.4	101.4
Wilson	51.0	1.0	1.0	...	50.0	26.3	23.7
All counties	2,859.8	24.7	20.1	4.6	2,835.1	1,298.2	1,536.9

Table 24. *Sawtimber volume in Doyle rule on commercial forest land by species group, west central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
- - - - - Million board feet - - - - -								
Benton	128.3	8.1	8.1	...	120.2	94.2	10.2	15.8
Decatur	181.1	7.6	5.4	2.2	173.5	103.6	7.8	62.1
Hardin	273.8	49.1	47.5	1.6	224.7	125.2	19.3	80.2
Hickman	253.5	3.9	2.5	1.4	249.6	167.2	3.9	78.5
Houston	112.9	1.1	...	1.1	111.8	73.8	2.2	35.8
Humphreys	170.9	2.0	.4	1.6	168.9	121.2	1.2	46.5
Lawrence	175.6	...	...	...	175.6	109.6	5.8	60.2
Lewis	116.8	6.8	6.8	...	110.0	90.2	...	19.8
Perry	183.4	1.2	.5	.7	182.2	128.7	.8	52.7
Stewart	345.3	10.2	...	10.2	335.1	217.6	10.4	107.1
Wayne	328.3	31.0	31.0	...	297.3	208.8	4.4	84.1
All counties	2,269.9	121.0	102.2	18.8	2,148.9	1,440.1	66.0	642.8

Table 25. *Sawtimber volume in Doyle rule on commercial forest land by species group, central region, 1971*

County	All species	Softwood			Hardwood			
		Total	Southern pine	Other	Total	Oak	Gum	Other
- - - - - Million board feet - - - - -								
Bedford	37.8	...	...	...	37.8	17.8	...	20.0
Cannon	15.1	...	...	...	15.1	5.9	0.7	8.5
Cheatham	162.1	...	...	...	162.1	81.1	23.9	57.1
Clay	128.9	5.0	5.0	...	123.9	92.4	...	31.5
Coffee	173.4	...	...	...	173.4	121.1	1.4	50.9
Davidson	122.4	...	...	...	122.4	78.9	...	43.5
De Kalb	85.7	2.3	...	2.3	83.4	25.0	9.1	49.3
Dickson	267.3	...	...	...	267.3	196.4	.2	70.7
Giles	92.1	...	...	...	92.1	53.0	6.2	32.9
Jackson	131.7	1.4	...	1.4	130.3	28.6	...	101.7
Lincoln	36.0	...	...	...	36.0	8.6	...	27.4
Macon	56.7	...	...	...	56.7	15.7	...	41.0
Marshall	59.8	1.6	...	1.6	58.2	18.7	...	39.5
Mauzy	117.1	...	...	...	117.1	37.6	4.9	74.6
Montgomery	96.8	...	...	...	96.8	37.3	3.7	55.8
Moore	55.0	3.6	...	3.6	51.4	34.2	...	17.2
Robertson	123.0	...	...	...	123.0	77.8	5.6	39.6
Rutherford	11.0	...	...	...	11.0	4.0	...	7.0
Smith	43.9	.9	...	.9	43.0	13.9	...	29.1
Sumner	121.4	1.1	...	1.1	120.3	71.6	8.2	40.5
Trousdale	3.0	...	...	...	3.0	.8	...	2.2
Williamson	145.9	2.6	...	2.6	143.3	47.4	7.8	88.1
Wilson	37.2	1.0	...	1.0	36.2	12.5	...	23.7
All counties	2,123.3	19.5	5.0	14.5	2,103.8	1,080.3	71.7	951.8

Table 26. *Sawtimber volume in Doyle rule on commercial forest land by species group and diameter class, west central region, 1971*

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	128.3	8.1	8.1	...	120.2	76.4	43.8
Decatur	181.1	7.6	6.8	0.8	173.5	101.9	71.6
Hardin	273.8	49.1	43.3	5.8	224.7	110.7	114.0
Hickman	253.5	3.9	2.5	1.4	249.6	150.9	98.7
Houston	112.9	1.1	...	1.1	111.8	56.6	55.2
Humphreys	170.9	2.0	1.3	.7	168.9	107.5	61.4
Lawrence	175.6	...	...	...	175.6	89.3	86.3
Lewis	116.8	6.8	6.8	...	110.0	80.9	29.1
Perry	183.4	1.2	1.2	...	182.2	136.8	45.4
Stewart	345.3	10.2	10.2	...	335.1	144.1	191.0
Wayne	328.3	31.0	31.0	...	297.3	207.1	90.2
All counties	2,269.9	121.0	111.2	9.8	2,148.9	1,262.2	886.7

Table 27. *Sawtimber volume in Doyle rule on commercial forest land by species group and diameter class, central region, 1971*

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 -----							
Bedford	37.8	...	...	...	37.8	25.0	12.8
Cannon	15.1	...	...	...	15.1	9.4	5.7
Cheatham	162.1	...	...	...	162.1	50.9	111.2
Clay	128.9	5.0	5.0	...	123.9	75.4	48.5
Coffee	173.4	...	...	...	173.4	64.5	108.9
Davidson	122.4	...	...	...	122.4	51.3	71.1
De Kalb	85.7	2.3	2.3	...	83.4	28.0	55.4
Dickson	267.3	...	...	...	267.3	134.2	133.1
Giles	92.1	...	...	...	92.1	41.3	50.8
Jackson	131.7	1.4	1.4	...	130.3	47.9	82.4
Lincoln	36.0	...	...	...	36.0	21.7	14.3
Macon	56.7	...	...	...	56.7	32.2	24.5
Marshall	59.8	1.6	1.6	...	58.2	20.6	37.6
Maury	117.1	...	...	...	117.1	53.6	63.5
Montgomery	96.8	...	...	...	96.8	34.1	62.7
Moore	55.0	3.6	3.6	...	51.4	18.3	33.1
Robertson	123.0	...	...	...	123.0	23.6	99.4
Rutherford	11.0	...	...	...	11.0	9.2	1.8
Smith	43.9	.9	.9	...	43.0	8.7	34.3
Sumner	121.4	1.1	...	1.1	120.3	27.5	92.8
Trousdale	3.0	...	...	...	3.0	3.0	...
Williamson	145.9	2.6	1.0	1.6	143.3	59.3	84.0
Wilson	37.2	1.0	1.0	...	36.2	16.5	19.7
All counties	2,123.3	19.5	16.8	2.7	2,103.8	856.2	1,247.6

Table 28. *Growing-stock volume of softwoods on commercial forest land by forest type, west central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak hickory ^{1/}
- - - - - Million cubic feet - - - - -					
Benton	5.8	3.7	2.1	...	...
Decatur	10.4	7.5	1.2	0.5	1.2
Hardin	38.4	19.1	12.8	...	6.5
Hickman	3.0	2.8	...	...	.2
Houston	.6	...	...	.6	...
Humphreys	1.6	...	...	.9	.7
Lawrence	...	...	...	...	...
Lewis	3.5	...	3.0	...	.5
Perry	1.7	...	...	1.1	.6
Stewart	4.0	...	...	4.0	...
Wayne	39.0	16.3	14.7	1.2	6.8
All counties	108.0	49.4	33.8	8.3	16.5

^{1/} Includes 0.5 million cubic feet of oak-gum-cypress type.

Table 29. *Growing-stock volume of softwoods on commercial forest land by forest type, central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak hickory
- - - - - Million cubic feet - - - - -					
Bedford	0.8	...	...	0.8	...
Cannon	1.3	...	0.8	...	0.5
Cheatham	1.5	...	...	1.5	...
Clay	1.8	...	...	...	1.8
Coffee	...	...	...	...	...
Davidson	...	...	...	...	...
De Kalb	5.4	...	...	5.3	.1
Dickson	.2	...	...	...	.2
Giles	1.2	...	...	...	1.2
Jackson	5.8	...	...	5.1	.7
Lincoln	4.3	...	...	3.6	.7
Macon	...	...	...	...	...
Marshall	2.3	...	...	1.8	.5
Maury	...	...	...	...	...
Montgomery	1.7	...	...	.2	1.5
Moore	1.9	...	...	...	1.9
Robertson	...	...	...	...	...
Rutherford	5.6	...	...	5.6	...
Smith	2.3	...	...	1.9	.4
Sumner	1.2	...	...	.6	.6
Trousdale	.4	...	...	...	.4
Williamson	4.8	...	...	4.1	.7
Wilson	3.5	...	...	1.1	2.4
All counties	46.0	...	.8	31.6	13.6

Table 30. *Growing-stock volume of hardwoods on commercial forest land by forest type, west central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Other types ^{1/}
- - - - - Million cubic feet - - - - -						
Benton	115.7	...	1.9	0.9	106.5	6.4
Decatur	116.4	0.2	1.9	1.0	113.3	...
Hardin	146.2	4.5	14.9	...	79.5	47.3
Hickman	201.1	...	...	...	201.1	...
Houston	79.8	...	...	...	79.8	...
Humphreys	166.6	...	...	5.1	161.5	...
Lawrence	123.9	...	...	...	117.6	6.3
Lewis	110.7	...	2.2	...	108.5	...
Perry	172.7	...	...	3.7	164.8	4.2
Stewart	201.2	...	...	2.6	198.6	...
Wayne	276.1	.7	9.7	3.8	256.8	5.1
All counties	1,710.4	5.4	30.6	17.1	1,588.0	69.3

^{1/} Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 31. *Growing-stock volume of hardwoods on commercial forest land by forest type, central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Other types ^{1/}
- - - - - Million cubic feet - - - - -						
Bedford	31.4	...	...	2.6	21.6	7.2
Cannon	27.0	...	3.1	.6	23.3	...
Cheatham	82.6	...	...	5.1	77.5	...
Clay	67.5	...	...	.9	66.6	...
Coffee	98.0	...	...	...	90.3	7.7
Davidson	66.5	...	...	.8	65.7	...
De Kalb	47.9	...	...	2.4	32.7	12.8
Dickson	168.4	...	...	...	168.4	...
Giles	68.6	...	.3	...	66.0	2.3
Jackson	65.7	...	...	6.3	59.4	...
Lincoln	41.1	...	...	18.7	22.2	.2
Macon	57.1	...	...	...	57.1	...
Marshall	30.8	...	...	7.0	23.8	...
Maury	67.5	...	...	.2	57.2	10.1
Montgomery	67.6	...	...	3.1	50.9	13.6
Moore	29.8	...	...	...	29.8	...
Robertson	55.0	...	...	...	55.0	...
Rutherford	25.6	...	...	8.0	17.6	...
Smith	37.3	...	...	6.6	30.7	...
Sunner	51.5	...	...	...	51.5	...
Trousdale	5.5	...	...	...	5.5	...
Williamson	80.7	...	2.9	4.1	67.1	6.6
Wilson	29.0	...	...	1.3	27.7	...
All counties	1,302.1	...	6.3	67.7	1,167.6	60.5

^{1/} Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 32. *Sawtimber volume of softwoods on commercial forest land by forest type, west central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory
- - - - - Million board feet - - - - -					
Benton	13.8	13.8	...	...	...
Decatur	11.4	3.3	5.4	0.9	1.8
Hardin	81.8	48.8	21.5	...	11.5
Hickman	6.7	6.7	...	...	...
Houston	1.8	...	...	1.8	...
Humphreys	3.1	...	...	2.0	1.1
Lawrence	...	...	...	...	...
Lewis	11.5	...	9.2	...	2.3
Perry	2.0	...	...	2.0	...
Stewart	17.0	...	...	17.0	...
Wayne	52.4	18.7	19.8	...	13.9
All counties	201.5	91.3	55.9	23.7	30.6

Table 33. *Sawtimber volume of softwoods on commercial forest land by forest type, central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory
- - - - - Million board feet - - - - -					
Bedford	...	...	...	...	...
Cannon	...	...	...	...	...
Cheatham	...	...	...	...	...
Clay	7.0	...	...	...	7.0
Coffee	...	...	...	...	...
Davidson	...	...	...	...	...
De Kalb	1.5	...	...	1.5	...
Dickson	...	...	...	...	...
Giles	...	...	...	...	...
Jackson	1.1	...	...	1.1	...
Lincoln	...	...	...	...	...
Macon	...	...	...	...	...
Marshall	2.7	...	...	2.7	...
Maury	...	...	...	...	...
Montgomery	...	...	...	...	...
Moore	6.4	...	...	...	6.4
Robertson	...	...	...	...	...
Rutherford	...	...	...	...	...
Smith	.5	...	...	.5	...
Sumner	2.6	...	...	...	2.6
Trousdale	...	...	...	...	...
Williamson	4.8	...	...	1.7	3.1
Wilson	.6	...	...	.6	...
All counties	27.2	...	...	8.1	19.1

Table 34. *Sawtimber volume of hardwoods on commercial forest land by forest type, west central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Other types ^{1/}
----- Million board feet -----						
Benton	205.6	...	0.6	...	197.3	7.7
Decatur	285.4	...	3.1	1.5	280.8	...
Hardin	347.5	6.1	27.9	...	186.9	126.6
Hickman	392.7	...	...	...	392.7	...
Houston	174.6	...	...	...	174.6	...
Humphreys	283.5	...	...	2.7	280.8	...
Lawrence	274.3	...	...	...	265.3	9.0
Lewis	185.8	...	1.3	...	184.5	...
Perry	302.7	...	...	.7	290.9	11.1
Stewart	509.3	...	...	10.8	498.5	...
Wayne	472.9	...	18.1	10.2	431.8	12.8
All counties	3,434.3	6.1	51.0	25.9	3,184.1	167.2

^{1/} Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 35. *Sawtimber volume of hardwoods on commercial forest land by forest type, central region, 1971*

County	All types	Loblolly-shortleaf pine	Oak-pine	Cedar	Oak-hickory	Other types ^{1/}
----- Million board feet -----						
Bedford	64.3	...	...	3.7	32.1	28.5
Cannon	31.3	...	2.1	...	29.2	...
Cheatham	243.6	...	...	17.6	226.0	...
Clay	183.3	...	...	4.7	178.6	...
Coffee	263.0	...	...	...	235.7	27.3
Davidson	184.3	...	...	...	184.3	...
De Kalb	127.7	...	...	...	85.3	42.4
Dickson	415.2	...	...	...	415.2	...
Giles	142.4	...	...	...	137.3	5.1
Jackson	200.0	...	...	10.0	190.0	...
Lincoln	72.2	...	...	33.6	38.6	...
Macon	99.5	...	...	...	99.5	...
Marshall	91.9	...	...	22.1	69.8	...
Maury	173.1	...	...	...	134.2	38.9
Montgomery	149.6	...	...	5.3	111.8	32.5
Moore	76.4	...	...	...	76.4	...
Robertson	176.7	...	...	...	176.7	...
Rutherford	17.9	...	...	8.9	9.0	...
Smith	59.9	...	...	5.8	54.1	...
Sumner	174.7	...	...	...	174.7	...
Trousdale	7.4	...	...	...	7.4	...
Williamson	212.6	...	6.2	6.2	175.9	24.3
Wilson	57.1	...	...	...	57.1	...
All counties	3,224.1	...	8.3	117.9	2,898.9	199.0

Table 36. *Growing-stock volume of softwoods on commercial forest land by stand-size class, west central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million cubic feet - - - - -					
Benton	5.8	...	2.1	3.7	...
Decatur	10.4	0.7	8.0	1.7	...
Hardin	38.4	10.6	20.7	7.1	...
Hickman	3.0	...	2.8	.2	...
Houston	.6	...	...	.6	...
Humphreys	1.6	.7	.9	...	...
Lawrence	...	...	...	...	...
Lewis	3.5	...	3.5	...	...
Perry	1.7	...	1.3	.4	...
Stewart	4.0	4.0	...	...	...
Wayne	39.0	6.7	27.9	4.4	...
All counties	108.0	22.7	67.2	18.1	...

Table 37. *Growing-stock volume of softwoods on commercial forest land by stand-size class, central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million cubic feet - - - - -					
Bedford	0.8	...	...	0.8	...
Cannon	1.3	...	1.0	.3	...
Cheatham	1.5	...	...	1.5	...
Clay	1.8	1.3	.5	...	...
Coffee	...	...	...	...	...
Davidson	...	...	...	...	...
De Kalb	5.4	...	2.5	2.9	...
Dickson	.2	...	...	.2	...
Giles	1.2	...	1.2	...	...
Jackson	5.8	...	5.1	.7	...
Lincoln	4.3	...	2.4	1.9	...
Macon	...	...	...	...	...
Marshall	2.3	...	.5	1.8	...
Maury	...	...	...	...	...
Montgomery	1.7	1.5	...	.2	...
Moore	1.9	1.9	...	...	...
Robertson	...	...	...	...	...
Rutherford	5.6	...	3.0	2.6	...
Smith	2.3	...	1.9	.4	...
Sumner	1.2	...	...	1.2	...
Trousdale	.4	...	...	.4	...
Williamson	4.8	.7	2.7	1.4	...
Wilson	3.5	...	2.4	1.1	...
All counties	46.0	5.4	23.2	17.4	...

Table 38. *Growing-stock volume of hardwoods on commercial forest land by stand-size class, west central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million cubic feet - - - - -					
Benton	115.7	34.7	76.1	4.9	...
Decatur	116.4	54.5	50.7	11.2	...
Hardin	146.2	70.5	57.5	18.2	...
Hickman	201.1	46.5	118.2	36.4	...
Houston	79.8	48.6	24.8	6.4	...
Humphreys	166.6	35.9	101.8	28.9	...
Lawrence	123.9	35.0	58.8	30.1	...
Lewis	110.7	30.5	65.5	14.7	...
Perry	172.7	33.4	121.3	18.0	...
Stewart	201.2	98.2	85.2	17.8	...
Wayne	276.1	40.6	219.1	16.4	...
All counties	1,710.4	528.4	979.0	203.0	...

Table 39. *Growing-stock volume of hardwoods on commercial forest land by stand-size class, central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million cubic feet - - - - -					
Bedford	31.4	11.9	10.8	8.7	...
Cannon	27.0	3.5	19.0	4.5	...
Cheatham	82.6	50.8	26.7	5.1	...
Clay	67.5	40.8	25.8	.9	...
Coffee	98.0	49.9	48.1	...	...
Davidson	66.5	35.8	17.4	13.3	...
De Kalb	47.9	25.3	7.7	14.9	...
Dickson	168.4	106.3	55.9	6.2	...
Giles	68.6	21.0	31.9	14.9	0.8
Jackson	65.7	28.0	32.7	5.0	...
Lincoln	41.1	9.1	24.3	7.7	...
Macon	57.1	11.3	39.0	6.8	...
Marshall	30.8	11.7	10.6	8.5	...
Maury	67.5	31.6	26.3	9.6	...
Montgomery	67.6	30.5	22.2	14.9	...
Moore	29.8	4.8	25.0	...	...
Robertson	55.0	33.7	15.4	5.9	...
Rutherford	25.6	...	20.6	5.0	...
Smith	37.3	...	29.4	7.9	...
Sumner	51.5	43.5	...	8.0	...
Trousdale	5.5	...	4.4	1.1	...
Williamson	80.7	33.0	18.7	29.0	...
Wilson	29.0	...	23.5	5.5	...
All counties	1,302.1	582.5	535.4	183.4	.8

Table 40. *Sawtimber volume of softwoods on commercial forest land by stand-size class, west central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million board feet - - - - -					
Benton	13.8	...	...	13.8	...
Decatur	11.4	...	5.1	6.3	...
Hardin	81.8	38.5	21.8	21.5	...
Hickman	6.7	...	6.7	...	...
Houston	1.8	...	...	1.8	...
Humphreys	3.1	1.1	2.0	...	...
Lawrence	...	...	...	...	...
Lewis	11.5	...	11.5	...	...
Perry	2.0	...	2.0	...	...
Stewart	17.0	17.0	...	...	...
Wayne	52.4	19.9	21.5	11.0	...
All counties	201.5	76.5	70.6	54.4	...

Table 41. *Sawtimber volume of softwoods on commercial forest land by stand-size class, central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million board feet - - - - -					
Bedford	...	...	...	...	...
Cannon	...	...	...	...	...
Cheatham	...	...	...	...	...
Clay	7.0	7.0	...	...	...
Coffee	...	...	...	...	...
Davidson	...	...	...	...	...
De Kalb	1.5	...	1.2	0.3	...
Dickson	...	...	...	...	...
Giles	...	...	...	...	...
Jackson	1.1	...	1.1	...	...
Lincoln	...	...	...	...	...
Macon	...	...	...	...	...
Marshall	2.7	...	...	2.7	...
Maury	...	...	...	...	...
Montgomery	...	...	...	...	...
Moore	6.4	6.4	...	...	...
Robertson	...	...	...	...	...
Rutherford	...	...	...	...	...
Smith	.5	...	.5	...	...
Sumner	2.6	...	...	2.6	...
Trousdale	...	...	...	...	...
Williamson	4.8	3.1	1.2	.5	...
Wilson	.6	...	...	.6	...
All counties	27.2	16.5	4.0	6.7	...

Table 42. *Sawtimber volume of hardwoods on commercial forest land by stand-size class, west central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million board feet - - - - -					
Benton	205.6	93.9	104.8	6.9	...
Decatur	285.4	175.2	89.3	20.9	...
Hardin	347.5	221.2	93.4	32.9	...
Hickman	392.7	148.4	189.5	54.8	...
Houston	174.6	147.8	20.1	6.7	...
Humphreys	283.5	107.9	132.1	43.5	...
Lawrence	274.3	120.8	97.7	55.8	...
Lewis	185.8	77.1	96.6	12.1	...
Perry	302.7	91.6	181.9	29.2	...
Stewart	509.3	300.5	168.6	40.2	...
Wayne	472.9	128.3	331.1	13.5	...
All counties	3,434.3	1,612.7	1,505.1	316.5	...

Table 43. *Sawtimber volume of hardwoods on commercial forest land by stand-size class, central region, 1971*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
- - - - - Million board feet - - - - -					
Bedford	64.3	45.2	8.4	10.7	...
Cannon	31.3	10.9	16.1	4.3	...
Cheatham	243.6	170.1	55.9	17.6	...
Clay	183.3	146.7	31.9	4.7	...
Coffee	263.0	173.6	89.4	...	...
Davidson	184.3	109.5	30.0	44.8	...
De Kalb	127.7	93.0	9.1	25.6	...
Dickson	415.2	328.4	74.2	12.6	...
Giles	142.4	73.9	51.2	15.7	1.6
Jackson	200.0	126.2	71.7	2.1	...
Lincoln	72.2	24.0	40.6	7.6	...
Macon	99.5	29.9	52.1	17.5	...
Marshall	91.9	38.7	31.1	22.1	...
Maury	173.1	116.1	45.1	11.9	...
Montgomery	149.6	105.7	23.2	20.7	...
Moore	76.4	12.5	63.9	...	...
Robertson	176.7	129.4	31.9	15.4	...
Rutherford	17.9	...	14.9	3.0	...
Smith	59.9	...	55.3	4.6	...
Sumner	174.7	145.1	...	29.6	...
Trousdale	7.4	...	5.4	2.0	...
Williamson	212.6	114.5	39.9	58.2	...
Wilson	57.1	...	48.9	8.2	...
All counties	3,224.1	1,993.4	890.2	338.9	1.6

Table 44. Growing-stock volume on commercial forest land by species and diameter class, west central region, 1971^{1/}

County	Diameter class (inches at breast height)												17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 and larger	
	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 and larger						
----- Million cubic feet -----																	
Softwood:																	
Shortleaf pine	51.6	12.5	9.2	11.5	11.0	5.7	0.8	0.9	...	...	...	...	...	...	...	...	...
Loblolly pine	39.5	16.1	16.5	5.1	1.4	.4	...	...	...	...	...	...	...	...	...	...	...
Virginia pine	2.8	.8	.3	1.1	.6	...	...	...	...	...	...	...	...	...	...	...	...
Redcedar	13.8	4.1	2.1	4.5	1.2	.4	.9	.6	...	...	...	...	...	...	...	...	...
Cypress	.3	...	.3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	108.0	33.5	28.4	22.2	14.2	6.5	1.7	1.5	...	...	...	...	...	...	...	...	...
Hardwood:																	
White oak (<i>Quercus alba</i>)	476.4	54.5	86.9	96.2	105.9	66.3	36.5	19.8	5.3	5.0	...	...	...	...	...	...	...
Other white oaks	202.2	27.9	42.9	43.1	38.2	27.5	16.6	3.4	1.9	.7	...	...	...	...	...	...	...
Northern red oak	87.0	6.0	13.0	20.8	16.1	15.8	7.9	5.1	1.5	.8	...	...	...	...	...	...	...
Other red oaks	323.4	32.4	42.0	64.7	66.9	51.7	31.6	16.8	8.2	7.6	...	...	...	...	...	...	...
Hickory	268.1	37.5	61.4	65.2	53.1	25.6	13.0	8.1	2.9	1.3	...	...	...	...	...	...	...
Hard maple	20.2	2.4	3.0	6.3	3.0	1.4	1.1	.4	1.5	1.1	...	...	...	...	...	...	...
Soft maple	13.5	2.0	1.7	3.7	4.5	.8	.5	...	...	.3	...	...	...	...	...	...	...
Beech	22.1	1.4	3.5	2.9	4.1	2.2	3.1	1.2	1.3	1.8	...	...	...	...	...	...	...
Sweetgum	62.9	10.4	14.8	19.5	7.6	5.4	2.8	...	1.0	1.4	...	...	...	...	...	...	...
White ash	7.4	2.0	.9	2.3	.9	.5	.8	...	...	...	...	...	...	...	...	...	...
Other ashes	21.1	3.3	2.4	4.2	3.5	3.1	2.4	.9	1.3	...	...	...	...	...	...	...	...
Sycamore	15.2	1.2	1.9	4.0	4.2	1.1	1.7	.6	.5	...	...	...	...	...	...	...	...
Yellow-poplar	86.1	4.8	11.9	8.4	18.6	11.6	12.0	6.2	4.0	7.9	...	...	...	...	...	...	...
Black walnut	12.2	2.1	3.0	2.7	2.8	1.2	...	...	.4	...	...	...	...	...	...	...	...
Black cherry	7.3	1.5	1.7	2.3	1.3	.5	...	...	...	...	...	...	...	...	...	...	...
American elm	12.0	2.7	3.6	2.0	.9	.9	.7	.4	.4	.4	...	...	...	...	...	...	...
Other elms	20.7	3.3	4.5	5.5	4.0	2.4	...	.3	.7	...	...	...	...	...	...	...	...
Other hardwoods	52.6	11.8	14.2	11.0	7.3	4.8	.9	.9	.5	1.2	...	...	...	...	...	...	...
Total	1,710.4	207.2	313.3	364.8	342.9	222.8	131.6	64.1	31.4	29.5	...	...	...	...	...	...	...
All species	1,818.4	240.7	341.7	387.0	357.1	229.3	133.3	65.6	31.4	29.5	...	...	...	...	...	...	...

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

Table 45. Growing-stock volume on commercial forest land by species and diameter class, central region, 1971^{1/}

County	Diameter class (inches at breast height)											17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 and larger		
	5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9											
	1.0	0.4	...	...	1.3	...									
Softwood:																	
Southern pine	2.7	1.0	0.4	1.3	1.3
Redcedar	43.3	22.8	14.3	2.5	2.5	1.0	1.4	1.3
Total	46.0	23.8	14.7	2.5	2.5	1.0	2.7	1.3
Hardwood:																	
White oak (<i>Quercus alba</i>)	157.2	11.4	14.0	26.0	21.8	25.0	26.0	16.1	6.7	8.3	1.9						
Other white oaks	108.4	13.6	15.0	20.6	14.1	20.3	13.5	6.7	1.4	2.5	.7						
Northern red oak	70.0	2.9	9.2	7.0	10.3	14.0	7.1	7.9	3.2	7.2	1.2						
Other red oaks	211.7	12.1	16.7	34.4	27.5	35.9	30.3	20.4	11.5	18.8	4.1						
Hickory	220.0	30.4	41.9	45.7	48.0	27.0	15.1	6.6	2.5	2.8	...						
Hard maple	51.8	8.2	8.3	7.0	8.5	10.2	6.9	...	1.3	1.4	...						
Soft maple	26.8	5.0	3.6	4.8	3.6	2.7	5.6	...	...	1.3	...				
Beech	27.1	1.8	2.5	3.6	.8	3.7	4.3	3.0	1.2	5.6	.6						
Sweetgum	28.4	2.2	3.7	4.2	6.6	2.8	6.5	1.4	1.0	...	...				
Blackgum	18.6	2.8	4.9	4.2	2.9	.4	1.8	1.1	...	.5	...				
White ash	39.3	5.7	6.2	11.9	2.5	7.6	1.8	1.9	.4	1.3	...						
Other ashes	24.0	5.7	4.7	3.4	2.9	2.7	1.8	.9	.8	1.1	...						
Sycamore	14.5	.7	...	.9	2.1	.9	3.7	.9	.8	4.5	...				
Basswood	9.9	.3	1.5	1.3	...	3.3	.6	.8	1.5	.6	...						
Yellow-poplar	82.1	5.2	8.5	11.6	15.4	10.4	13.5	6.8	7.4	2.8	.5						
Black walnut	31.8	3.7	7.0	7.1	4.8	5.5	3.1	.6	...	...	...			
Black cherry	17.2	4.0	4.2	2.6	1.6	1.7	1.6	1.5	...	...	...			
American elm	32.7	4.7	3.6	7.4	4.9	3.0	1.3	1.8	.9	2.1	...						
Other elms	23.2	4.7	3.0	6.5	3.2	2.5	1.2	...	1.6	.5	...						
Hackberry	42.9	6.9	9.2	9.3	4.8	3.3	5.7	1.0	2.3	.4	...						
Black locust	18.5	9.3	4.1	1.7	1.1	1.0	.2	.5	.6	...	...				
Sassafras	28.3	10.6	9.4	4.5	2.9	.9	...	...	...	...	...	
Other hardwoods	17.7	6.1	4.5	3.0	2.0	1.3	.8	...	...	...	...		
Total	1,302.1	161.0	185.7	228.7	192.3	186.1	152.4	80.1	45.1	61.7	9.0						
All species	1,348.1	184.8	200.4	231.2	193.3	188.8	153.7	80.1	45.1	61.7	9.0						

----- Million cubic feet -----

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

Table 46. Sawtimber volume on commercial forest land by species and diameter class, west central region, 1971 ^{1/}

County	Diameter class (inches at breast height)										29.0 and larger
	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			
	----- Million board feet -----										
Softwood:											
Shortleaf pine	139.6	46.5	55.4	29.0	3.8	4.9	...	...	...	...
Loblolly pine	26.5	17.1	7.2	2.2	...	...	...	...	...	...
Virginia pine	5.3	2.9	2.4	...	...	...	...	...	...	...
Redcedar	<u>30.1</u>	<u>14.8</u>	<u>5.7</u>	<u>2.2</u>	<u>4.1</u>	<u>3.3</u>	...	...	...	...
Total	<u>201.5</u>	<u>81.3</u>	<u>70.7</u>	<u>33.4</u>	<u>7.9</u>	<u>8.2</u>	...	...	...	...
Hardwood:											
White oak (<i>Quercus alba</i>)	984.8	...	391.6	285.0	168.4	90.2	23.3	26.3	...	...
Other white oaks	344.0	...	130.0	111.4	72.9	16.3	9.3	4.1	...	...
Northern red oak	204.8	...	62.6	70.7	37.0	23.6	7.5	3.4	...	...
Other red oaks	765.5	...	246.7	213.6	143.8	80.9	38.1	34.3	...	8.1	
Hickory	442.0	...	206.2	116.3	61.8	36.9	14.1	6.7	...	...
Hard maple	33.0	...	10.4	5.8	4.1	1.5	6.9	4.3	...	...
Soft maple	23.3	...	17.5	3.0	1.5	...	...	1.3	...	...
Beech	65.2	...	15.2	10.8	15.7	5.6	5.9	8.6	...	3.4	
Sweetgum	71.8	...	27.2	24.3	10.9	...	4.2	5.2	...	...
White ash	9.2	...	3.1	2.0	4.1	...	...	...	...	...
Other ashes	47.7	...	10.4	13.6	12.5	4.1	7.1	...	...	...
Sycamore	31.5	...	14.2	4.5	7.8	2.6	2.4	...	...	...
Yellow-poplar	275.6	...	69.4	54.0	57.6	29.5	20.3	41.3	...	3.5	
Black walnut	19.3	...	11.6	6.0	...	...	1.7	...	...	...
Black cherry	7.2	...	5.8	1.4	...	...	...	...	...	...
American elm	17.4	...	3.2	4.1	3.7	2.3	1.5	2.6	...	...
Other elms	31.0	...	15.1	9.9	...	1.3	4.7	...	...	...
Other hardwoods	61.0	...	25.8	17.6	4.4	4.8	3.0	5.4	...	...
Total	<u>3,434.3</u>	...	<u>1,266.0</u>	<u>954.0</u>	<u>606.2</u>	<u>299.6</u>	<u>150.0</u>	<u>143.5</u>	<u>15.0</u>	<u>15.0</u>	
All species	3,635.8	81.3	1,336.7	987.4	614.1	307.8	150.0	143.5	15.0	15.0	

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

Table 47. Sawtimber volume on commercial forest land by species and diameter class, central region, 1971^{1/}

County	Diameter class (inches at breast height)										Million board feet
	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 and larger		
Softwood:											
Southern pine	7.0	...	...	7.0	...	...	...	...	...	...	...
Redcedar	20.2	4.6	3.4	6.5	5.7	...	...	...	...	...	...
Total	27.2	4.6	3.4	13.5	5.7	...	...	...	...	...	...
Hardwood:											
White oak (<i>Quercus alba</i>)	455.8	...	72.4	103.4	122.3	77.1	33.0	39.9	7.7	39.9	7.7
Other white oaks	248.2	...	52.0	84.1	57.8	33.0	7.7	9.5	4.1	9.5	4.1
Northern red oak	237.6	...	37.3	63.0	33.3	40.1	16.0	41.3	6.6	41.3	6.6
Other red oaks	663.0	...	102.4	155.7	133.7	97.9	58.0	97.1	18.2	97.1	18.2
Hickory	449.9	...	196.5	119.8	74.4	33.1	12.4	13.7	...	13.7	...
Hard maple	114.5	...	28.9	38.5	32.0	...	7.2	7.9	...	7.9	...
Soft maple	58.4	...	12.2	11.9	25.7	.9	...	7.7	...	7.7	...
Beech	91.5	...	2.7	12.7	19.9	15.8	7.6	29.2	...	29.2	...
Sweetgum	85.8	...	26.8	13.4	31.8	8.6	5.2	...	...	...	...
Blackgum	28.6	...	11.7	1.4	8.5	4.9	...	2.1	...	2.1	...
White ash	74.4	...	10.5	35.1	7.0	12.2	2.5	7.1	...	7.1	...
Other ashes	47.9	...	11.4	13.1	9.8	4.8	3.2	5.6	...	5.6	...
Sycamore	54.0	...	5.0	3.4	15.3	3.6	5.0	21.7	...	21.7	...
Basswood	33.6	...	...	16.8	3.6	3.7	6.8	2.7	...	2.7	...
Yellow-poplar	273.0	...	61.6	44.8	72.3	36.3	39.0	16.4	...	16.4	2.6
Black walnut	61.8	...	17.8	26.9	13.9	3.2	...	...	...	...	...
Black cherry	27.0	...	5.0	7.9	6.9	7.2	...	...	...	...	...
American elm	60.5	...	18.2	12.3	5.9	9.1	4.5	10.5	...	10.5	...
Other elms	40.1	...	12.5	12.3	5.2	...	7.7	2.4	...	2.4	...
Hackberry	75.3	...	17.4	14.1	25.0	5.8	11.4	1.6	...	1.6	...
Black locust	14.1	...	4.2	2.9	1.3	3.1	2.6	...	...	...	...
Sassafras	11.0	...	7.8	3.2	...	...	...	...	...	...	...
Other hardwoods	18.1	...	7.9	6.6	3.6	...	...	...	...	...	...
Total	3,224.1	...	722.2	803.3	709.2	400.4	229.8	316.4	42.8	316.4	42.8
All species	3,251.3	4.6	725.6	816.8	714.9	400.4	229.8	316.4	42.8	316.4	42.8

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

Table 48. Average volume per acre of growing stock and sawtimber on commercial forest land, west central region, 1971

Ownership	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	- - - - Cubic feet - - - -			- - - - Board feet - - - -		
National forest	...	...	...	...	...	...
Other public	925	57	868	2,207	144	2,063
Forest industry	807	56	751	1,577	112	1,465
Farmer	821	27	794	1,617	54	1,563
Misc. private	<u>739</u>	<u>63</u>	<u>676</u>	<u>1,465</u>	<u>104</u>	<u>1,361</u>
All ownerships	794	47	747	1,587	88	1,499

Table 49. Average volume per acre of growing stock and sawtimber on commercial forest land, central region, 1971

Ownership	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	- - - - Cubic feet - - - -			- - - - Board feet - - - -		
National forest	...	...	...	...	...	...
Other public	701	42	659	1,730	20	1,710
Forest industry	678	...	678	1,897	...	1,897
Farmer	559	18	541	1,317	12	1,305
Misc. private	<u>617</u>	<u>21</u>	<u>596</u>	<u>1,512</u>	<u>11</u>	<u>1,501</u>
All ownerships	592	20	572	1,428	12	1,416