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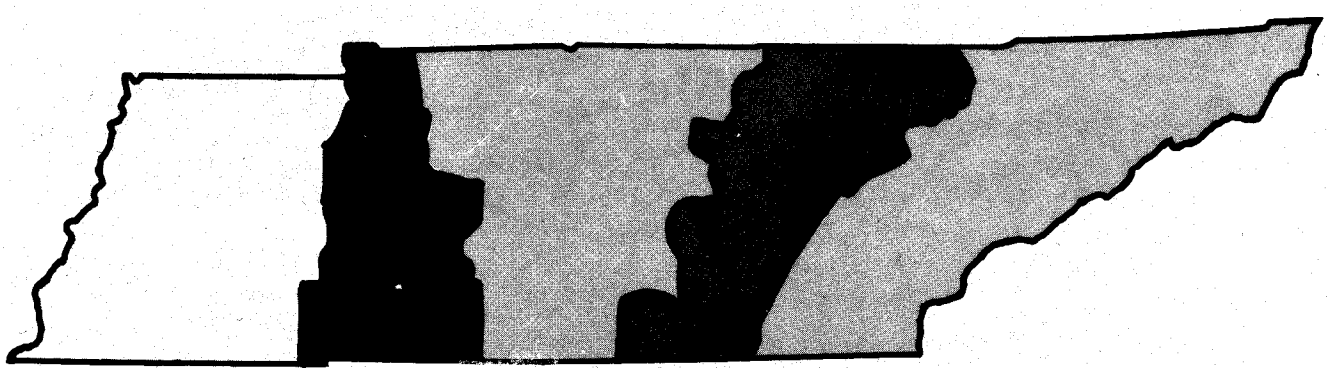
Forest Statistics for



Tennessee Counties

Staff: Renewable Resources Evaluation
Research Work Unit

FOREST STATISTICS FOR TENNESSEE COUNTIES

Staff: Renewable Resources Evaluation Research Work Unit

This report tabulates information from a new forest survey of Tennessee completed in 1980 by the Renewable Resources Evaluation Research unit of the Southern Forest Experiment Station. Forest area was estimated from aerial photos with an adjustment for ground truth at selected locations. Sample plots were systematically established at three-mile intervals using a grid oriented roughly N-S and E-W. At each location, prism sample points were distributed over approximately 1 acre. Volume estimates were based on measurement of trees selected at these sample points.

Table 1.--*Sampling errors for* forest *land and volume estimates*

Item	sampling error
	-Percent-
Commercial forest land	.3
Growing-stock volume	1.5
Sawtimber volume [1]	2.3
Growth on growing stock	2.2
Growth on sawtimber	2.8
Removals from growing stock	5.7
Removals from sawtimber	6.5

[1] International 1/4-inch rule.

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:

$$SEG = \frac{SET\sqrt{X_T}}{\sqrt{X_G}}$$

where:

SE = standard error of estimate (%)
X = variable of interest (area, volume)
G = group of counties to be combined
T = total for the unit

Because of differences in standards of tree measurements, direct comparisons between these data and the 1971 inventory are invalid. In table 2, changes between the two surveys are summarized in terms of current measurement standards.

DEFINITIONS OF TERMS

Acceptable trees.--Growing-stock trees of commercial species that meet specified standards of size and quality 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Commercial forest land.--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization.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.

Mortality.--Sound-wood volume of live trees dying from natural causes during a specified period.

Net annual growth.--The increase in volume of a specified size class for a specific year.

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.

Table 2.--*Commercial forest area, growing-stock, and sawtimber volume, 1980, and change since 1971*

Resource region	Commercial Forest		Growing Stock				Sawtimber			
			Softwood		Hardwood		Softwood		Hardwood	
	Area	Change	Volume	Change[1]	Volume	Change[1]	Volume	Change[1]	Volume	Change[1]
	Thousand acres	*Percent*	*Million ft³*	*Percent*	*Million ft³*	*Percent*	*Million fbm*	*Percent*	*Million fbm*	*Percent*
West	2,129.0	+20	281.8	+81	1,950.9	t38	1.091.5	+116	6.721.5	+45
West Central	2,183.6	-5	154.2	+25	1,938.5	+61	415.7	+9	4,957.0	+20
Central	2,139.4	-3	77.1	+35	1.474.6	+16	91.2	t115	4,179.1	t21
Plateau	2,972.6		605.2	+10	2,372.2	-4	1,989.2	t18	7,155.0	-1
East	3,454.4	+1	1,287.2	+13	2,663.5	+27	4,096.7	+28	8,200.4	+35
All regions	12,879.0	+1	2,405.5	+22	10,399.7	+20	7,684.3	+52	31,213.0	+38

[1]Based on current measurement standards.

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 respectively, primarily because of roughness or poor form. (Includes all live trees of noncommercial species).

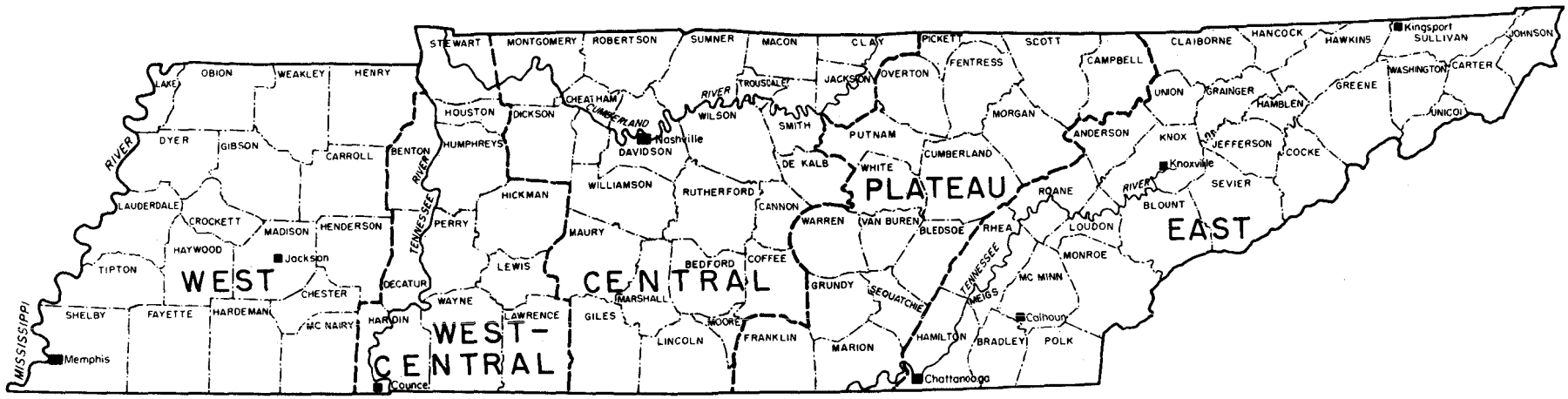
Sawtimber trees.--Live trees that are of commercial species, contain at least a 12-foot saw log, and meet regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height and hardwoods at least 11.0 inches.

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

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

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

Timber removals.--The net volume of growing-stock trees removed frorn the inventory by harvesting, cultural operations such as timber-stand improvement, land clearing, or changes in land use.



Forest Resource Regions of Tennessee

Table 3.-- *Total* urea, *commercial forest land, and* proportion *of total* urea, *1980, and change since 1971*

County	Total area[1]	Commercial forest		
		Area	Proportion	Change since 1971
	-- *Thousand* acres --		---- *Percent* ----	
Anderson	218.2	134.2	62	-4
Bedford	308.5	75.6	25	-1
Benton	279.0	161.2	58	-4
Bledsoe	258.6	171.0	66	-1
Blount	373.8	126.0	34	(2)
Bradley	216.3	96.6	45	-10
Campbell	299.5	209.1	70	-7
Cannon	173.4	84.0	48	-3
Carroll	381.4	186.3	49	t22
Carter	227.2	151.2	67	t4
Cheatham	197.1	104.0	53	-4
Chester	182.4	109.8	60	t13
Claiborne	291.2	179.4	62	t8
Clay	169.0	97.5	58	-2
Cocke	278.4	174.0	62	t4
Coffee	278.4	112.0	40	-5
Crockett	172.2	17.4	10	+40
Cumberland	434.5	324.5	75	
Davidson	341.1	98.0	29	-6
Decatur	225.3	145.0	64	-3
De Kalb	202.9	74.0	36	-16
Dickson	311.0	151.2	49	-6
Dyer	345.6	54.5	16	-17
Fayette	450.5	153.6	34	+42
Fentress	319.4	254.2	80	+3
Franklin	358.4	174.9	49	-6
Gibson	388.5	60.8	16	+24
Giles	396.1	121.8	31	-24
Grainger	199.7	100.7	50	t6
Greene	396.1	135.2	34	
Grundy	229.1	189.0	82	+2
Hamblen	111.4	30.4	27	t21
Hamilton	375.7	203.0	54	t13
Hancock	147.2	100.8	68	+18
Hardeman	419.8	248.0	59	t12
Hardin	386.6	223.6	58	-1
Hawkins	316.2	185.6	59	+11
Haywood	332.2	78.0	23	+6
Henderson	329.6	170.8	52	(2)
Henry	384.0	172.5	45	+39
Hickman	392. 3	275.0	70	+2
Houston	133.1	81.9	62	-10
Humphreys	357.8	223.2	62	-10
Jackson	209.3	112.2	54	t2
Jefferson	206.1	58.5	28	
Johnson	191.4	130.0	68	+5
Knox	337.9	102.0	30	-4
Lake	122.9	20.1	16	+26
Lauderdale	325.8	95.0	29	t7
Lawrence	405.8	153.9	38	-16

Table 3.--*Total urea, commercial forest land, and proportion of total urea, 1 980,* and *change since* 1971 *(Continued)*

County	Total area[1]	Commercial forest		
		Area	Proportion	Change since 1971
	Thousand ames		*Percent*	
Lewis	182.4	131.1	72	-10
Lincoln	371.2	105.0	28	-10
Loudon	159.4	55.2	35	+4
McMinn	278.4	129.8	47	-11
McNairy	364.2	205.2	56	+4
Macon	194.6	59.4	31	-19
Madison	358.4	147.0	41	+30
Marion	329.6	240.8	73	-3
Marshall	241.3	75.6	31	-3
Maury	393.0	110.0	28	-13
Meigs	139.5	85.8	62	+6
Monroe	424.9	290.7	68	-2
Montgomery	347.5	103.4	30	-11
Moore	79.4	28.0	35	-9
Morgan	345.0	270.0	78	-7
Obion	359.0	103.4	29	+42
Overton	282.9	167.5	59	-4
Perry	270.7	218.3	81	t3
Pickett	111.4	64.8	58	-3
Polk	281.0	208.0	74	-9
Putnam	261.1	136.4	52	-3
Rhea	217.6	124.2	57	-8
Roane	248.3	150.0	60	+14
Robertson	304.6	51.2	17	-13
Rutherford	403.2	156.0	39	+33
Scott	351.4	302.4	86	-2
Sequatchie	174.7	134.4	77	-4
Sevier	387.2	137.7	36	-14
Shelby	492.1	93.6	19	+28
Smith	208.0	75.9	36	t5
Stewart	314.9	198.4	63	-10
Sullivan	273.9	99.0	36	-9
Sumner	351.4	73.5	21	-25
Tipton	303.4	100.2	33	tao
Trousdale	74.2	24.4	33	+3
Unicoi	118.4	96.9	82	+3
Union	154.2	108.3	70	+28
Van Buren	163.2	124.8	76	(2)
Warren	283.5	94.4	33	-17
Washington	209.3	61.2	29	-1
Wayne	474.2	372.0	78	-2
Weakley	368.6	112.8	31	+47
White	246.4	114.4	46	-10
Williamson	379.5	126.0	33	-13
Wilson	371.2	120.7	33	+11
All counties	27,036.2	12,879.0	48	+1

[1]United States Bureau of the Census, Lanà and Water area of the United States.
[2]Negligible.

Table 4.--*Commercial foreet land by ownership class,* 1980

County	All ownerships	National forest	Dther public	Forest industry	Farmer	Misc. Private
			Thousand acres			
Anderson	134.2		8.3	24.4	31.0	70.5
Bedford	75.6			5.4	37.8	32.4
Benton	161.2		14.3	12.4	45.2	89.3
Bledsoe	171.0		7.0	34.2	35.4	94.4
Blount	126.0		.1	18.0	91.5	16.4
Bradley	96.6		.2	16.1	16.4	63.9
Campbell	209.1		15.4	15.3	31.7	146.7
Cannon	84.0				54.0	30.0
Carroll	186.3		16.6	5.9	48.6	114.2
Carter	151.2	78.1				73.1
Cheatham	104.0		20.8		20.8	62.4
Chester	109.8		4.5	5.1	36.9	62.3
Claiborne	179.4		6.4		87.3	85.7
Clay	97.5	-	10.3		52.5	34.7
Cocke	174.0	42.6	.2		91.5	39.7
Coffee	112.0		21.3		44.8	45.9
Crockett	17.4				-	17.4
Cumberland	324.5		46.2	41.3	67.3	169.7
Davidson	98.0		5.1		34.3	58.6
Decatur	145.0		2.3	1i.6	66.4	64.7
De Kalb	74.0		17.5		29.6	26.9
Dickson	151.2		.1	5.6	78.4	67.1
Dyer	54.5	*	7.2	10.9	11.0	25.4
Fayette	153.6		9.0	-	106.3	38.3
Fentress	254.2		3.7	117.8	38.6	94.1
Franklin	174.9		11.2		11.0	152.7
Gibson	60.8		3.3		57.5	
Giles	121.8			i.2	75.6	41.9
Grainger	100.7	-	3::		91.6	
Greene	135.2	33.8	.2		63.5	3:::
Grundy	189.0		.4	12.6	13.1	162.9
Hamblen	30.4		1.9		28.5	
Hamilton	203.0		14.4		49.8	138.8
Hancock	100.8				95.2	5.6
Hardeman	248.0		9.6	24.8	124.9	88.7
Hardin	223.6		.1	31.2	102.9	89.4
Hawkins	185.6		6.6	5.8	82.6	90.6
Haywood	78.0		9.7		47.1	21.2
Henderson	170.8		20.4		92.1	58.3
Henry	172.5		15.2		60.4	96.9
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
Jackson	112.2		3.0		56.1	53.1
Jefferson	58.5		.9		52.9	4.7
Johnson	130.0	48.3	.2		15.9	65.6
Knox	102.0		1.8		34.6	65.6
Lake	20.1		5.6	-	6.7	7.8
Lauderdale	95.0		2.2	47.5	38.3	7.0
Lawrence	153.9		13.5	5.7	95:o	39.7

'Table 4.--*Commercial forest land by ownership class, 1980 (Continued)*

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. Private
			Thousand acres			
Lewis	131.1		1.3	39.9	11.9	78.0
Lincoln	105.0		.6		60.0	44.4
Loudon	55.2	-	4.1	9.2	23.4	18.5
McMinn	129.8	1.8	.4	29.5	12.0	86.1
McNairy	205.2			28.5	34.4	142.3
Macon	59.4				39.6	19.8
Madison	147.0		.4		35.2	111.4
Marion	240.8		36.0	22.4	40.6	141.8
Marshall	75.6		.1		50.4	25.1
Maury	110.0		(1)		60.5	49.5
Meigs	85.8	-	1.6	19.8	33.6	30.8
Monroe	290.7	120.3	5.5	17.1	63.8	84.0
Montgomery	103.4		13.6		47.0	42.8
Moore	28.0				16.0	12.0
Morgan	270.0	-	45.7		28.0	196.3
Obion	103.4		9.6	18.8	37.9	37.1
Overton	167.5		9.1		76.4	82.0
Perry	218.3		1.4	53.1	110.6	53.2
Pickett	64.8	-	14.5		14.9	35.4
Polk	208.0	132.4	2.3		26.4	46.9
Putnam	136.4		1.1		19.3	116.0
Rhea	124.2		1.3	43.2	60.4	19.3
Roane	150.0	-	18.9	10.0	55.9	65.2
Robertson	51.2		.2		32.0	19.0
Rutherford	156.0		4.5		39.0	112.5
Scott	302.4		4.6	28.0	87.1	182.7
Sequatchie	134.4		.1	28.0	5.8	100.5
Sevier	137.7		.4		51.9	85.4
Shelby	93.6		6.1		36.2	51.3
Smith	75.9		1.8		48.3	25.8
Stewart	198.4		30.0	49.6	32.3	86.5
Sullivan	99.0	35.7	.9		27.5	34.9
Sumner	73.5		1.3		44.1	28.1
Tipton	100.2		.1		84.1	16.0
Trousdale	24.4		.3		18.3	5.8
Unicoi	96.9	48.1	2.8			46.0
Union	108.3		28.5		29.0	50.8
Van Buren	124.8		.3	83.2	16.2	25.1
Warren	94.4		.1		48.9	45.4
Washington	61.2	16.1	1.0		20.7	23.4
Wayne	372.0	-	.1	136.4	83.9	151.6
Weakley	112.8				18.9	93.9
White	114.4		1.2	26.0	48.5	38.7
Williamson	126.0		.5		72.0	53.5
Wilson	120.7		1.3		78.1	41.3
All counties	12,879.0	557.2	602.6	1,222.8	4,548.1	5,948.3

[1] Negligible.

Table 5.--*Commercial forest land by forest type, 1980*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	a-gum-cypress	m-ash-cottonwood	Maple-beech-birch
	Thousand acres							
Anderson	134.2	-	12.2	12.2	109.8			
Bedford	75.6	-	21.6	5.4	43.2	5.4		
Benton	161.2	-	12.4	12.4	124.0	12.4		
Bledsoe	171.0	-	28.5	17.1	125.4			
Blount	126.0	-	la.0	60.0	48.0			
Bradley	96.6	-	64.4	-	32.2			
Campbell	209.1	-	20.4	25.5	163.2			
Cannon	84.0	-		6.0	78.0			
Carroll	186.3	-	6.9	13.8	124.2	41.4		
Carter	151.2	-	12.6	la.9	113.4			6.3
Cheatham	104.0	-		-	104.0			
Chester	109.8	-	la.3	24.4	54.9	6.1	6.1	
Claiborne	179.4	-	7.8	7.8	163.8			
Clay	97.5	-		7.5	90.0			
Cocke	174.0	-	35.0	24.0	108.0	6.0		
Coffee	112.0	-			100.8	ll.2		
Crockett	17.4	-			17.4			
Cumberland	324.5	-	35.4	76.7	212.4			
Davidson	98.0	-		14.7	83.3	-		
Decatur	145.0	-	5.8	5.8	127.6	5.8		
De Kalb	74.0	-	7.4	ll. 1	51.8	3.7		
Dickson	151.2	-			151.2	-		
Dyer	54.5	-			10.9	32.7	10.9	
Fayette	153.1	-	9.6	9.6	124.8	9.6		-
Fentress	254.2	-	49.6	31.0	161.2	6.2		6.2
Franklin	174.9	-	5.3		164.3			5.3
Gibson	60.8	-			45.6	15.2		
Giles	121.8	-		8.4	109.2	4.2		
Grainger	100.7	-		21.2	79.5			
Greene	135.2	-	15.6	10.4	109.2			
Grundy	189.0	-	12.6	la.9	157.5			
Hamblen	30.4	-	-	15.2	15.2			
Hamilton	203.0	-	42.0	42.0	119.0			
Hancock	100.8	-	-	7.2	93.6	-		
Hardeman	248.0	-	37.2	18.6	155.0	37.2		
Hardin	223.6	-	46.8	15.6	124.8	36.4		
Hawkins	185.6	-	17.4	17.4	145.0			5.8
Haywood	78.0	-		-		78.0		
Henderson	170.8	-	24.4	24.4	109.8	12.2		
Henry	172.5	-			127.5	45.0		
Hickman	275.0	-	5.0		270.0			
Houston	al.9	-			al.9			
Humphreys	223.2	-			223.2			
Jackson	112.2	-		20.4	91.8			
Jefferson	58.5	-	13.0	13.0	32.5			
Johnson	130.0	-	5.2	20.8	104.0			
Knox	102.0	-	13.6	20.4	68.0			
Lake	20.1	-				13.4	6.7	
Lauderdale	95.0	-			28.5	47.5	19.0	
Lawrence	153.9	-		5.7	142.5		5.7	

Table 5.--*Comercial forest land by forest type, 1980 (Continued)*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Thousand acres							
Lewis	131.1		-		125.4	5.7		
Lincoln	105.0		10.0	25.0	60.0	5.0	5.0	
Loudon	55.2		27.6	9.2	18.4			
McMinn	129.8		59.0	23.6	47.2			
McNairy	205.2		39.9	34.2	114.0	17.1		
Macon	59.4		.		59.4			
Madison	147.0		14.0	7.0	91.0	35.0		
Marion	240.8		5.6	44.8	190.4			
Marshall	75.6		12.6	12.6	50.4			
Maury	110.0		5.5	5.5	99.0			
Meigs	85.8		19.8	19.8	46.2			
Monroe	290.7		119.7	51.3	114.0			5.7
Montgomery	103.4			14.1	84.6	4.7		
Moore	28.0		.	4.0	24.0			
Morgan	270.0			54.0	216.0			
Obion	103.4				37.6	47.0		18.8
Overton	167.5		6.7	13.4	147.4			
Perry	218.3			11.8	200.6	5.9		
Pickett	64.8		-		57.6	7.2		
Polk	208.0	5.2	62.4	52.0	88.4			
Putnam	136.4		.	12.4	124.0			
Rhea	124.2		10.8	21.6	91.8			
Roane	150.0		20.0	20.0	105.0	5.0		
Robertson	51.2				51.2			
Rutherford	156.0		52.0	45.5	58.5			
Scott	302.4		28.0	50.4	218.4		5.6	
Sequatchie	134.4	5.6	22.4	28.0	78.4			
Sevier	137.7		20.4	30.6	86.7			
Shelby	93.6				36.0	28.8	28.8	
Smith	75.9		6.9		69.0			
Stewart	198.4		6.2		192.2			
Sullivan	99.0		13.5	9.0	76.5			
Sumner	73.5		4.9	4.9	63.7			
Tipton	100.2			-	83.5	16.7		
Trousdale	24.4			12.2	12.2			
Unicoi	96.9		5.7	11.4	68.4			11.4
Union	108.3		22.8	11.4	74.1			
Van Buren	124.8		15.6	20.8	88.4			
Warren	94.4				88.5	5.9		
Washington	61.2			15.3	45.9			
Wayne	372.0		31.0	6.2	328.6		6.2	
Weakley	112.8		9.4		47.0	56.4		
White	114.4		15.6	5.2	83.2	5.2	5.2	
Williamson	126.0		13.5	9.0	99.0	4.5		
Wilson	120.7		28.4	42.6	49.7	.		
All counties	12,879.0	10.8	1,314.9	1,402.3	9,312.6	679.7	99.2	59.5

Table 6.--*Commercial forest land by stand-size class,* 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Thousand acres		
Anderson	134.2	54.9	36.6	42.7	
Bedford	75.6	16.2	16.2	43.2	
Benton	161.2	49.6	68.2	37.2	6.2
Bledsoe	171.0	28.5	79.8	62.7	-
Blount	126.0	72.0	36.0	18.0	
Bradley	96.6	16.1	80.5	-	
Campbell	209.1	112.2	66.3	30.6	
Cannon	84.0	24.0	30.0	24.0	6.0
Carroll	186.3	48.3	103.5	34.5	
Carter	151.2	88.2	50.4	6.3	6.3
Cheatham	104.0	46.8	31.2	26.0	
Chester	109.8	30.5	36.6	42.7	
Claiborne	179.4	62.4	54.6	62.4	
Clay	97.5	15.0	75.0	7.5	
Cocke	174.0	78.0	54.0	42.0	
Coffee	112.0	67.2	28.0	16.8	
Crockett	17.4	17.4			
Cumberland	324.5	129.8	135.7	59.0	
Davidson	98.0	29.4	39.2	24.5	4.9
Decatur	145.0	63.8	69.6	11.6	
De Kalb	74.0	33.3	33.3	7.4	
Dickson	151.2	39.2	78.4	33.6	
Dyer	54.5	54.5			
Fayette	153.6	48.0	67.2	38.4	
Fentress	254.2	80.6	142.6	31.0	
Franklin	174.9	90.1	63.6	21.2	
Gibson	60.8	30.4	30.4		
Giles	121.8	37.8	46.2	37.8	
Grainger	100.7	47.7	31.8	21.2	
Greene	135.2	62.4	57.2	15.6	
Grundy	189.0	44.1	81.9	63.0	
Hamblen	30.4	7.6	15.2	7.6	
Hamilton	203.0	98.0	77.0	28.0	
Hancock	100.8	21.6	28.8	50.4	
Hardeman	248.0	105.4	80.6	62.0	
Hardin	223.6	67.6	93.6	62.4	
Hawkins	185.6	46.4	98.6	40.6	
Haywood	78.0	62.4	7.8	7.8	
Henderson	170.8	54.9	85.4	30.5	
Henry	172.5	75.0	67.5	30:o	
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	
Jackson	112.2	40.8	40.8	30.6	
Jefferson	58.5	45.5		13.0	
Johnson	130.0	46.8	52.0	31.2	
Knox	102.0	40.8	40.8	20.4	
Lake	20.1	20.1			
Lauderdale	95.0	76.0	19.0		
Lawrence	153.9	51.3	74.1	28.5	

Table 6.--*Commercial forest land by stand-size* clase, 1980 *(Continued)*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
	Thousand acres				
Lewis	131.1	22.8	91.2	17.1	
Lincoln	105.0	15.0	55.0	35.0	
Loudon	55.2	27.6	9.2	18.4	
McMinn	129.8	47.2	64.9	17.7	
McNairy	205.2	39.9	108.3	57.0	
Macon	59.4	26.4	19.8	13.2	
Madison	147.0	63.0	63.0	21.0	
Marion	240.8	117.6	72.8	50.4	
Marshall	75.6	21.0	21.0	29.4	4.2
Maury	110.0	22.0	55.0	33.0	
Meigs	85.8	19.8	52.8	13.2	
Monroe	290.7	96.9	96.9	96.9	
Montgomery	103.4	9.4	61.1	32.9	
Moore	28.0	12.0	16.0	-	
Morgan	270.0	108.0	70.2	91.8	
Obion	103.4	56.4	37.6	9.4	
Overton	167.5	73.7	80.4	13.4	
Perry	218.3	76.7	106.2	35.4	
Pickett	64.8	21.6	36.0	7.2	
Polk	208.0	67.6	78.0	62.4	
Putnam	136.4	68.2	43.4	24.8	
Rhea	124.2	43.2	54.0	27.0	
Roane	150.0	90.0	30.0	30.0	
Robertson	51.2	32.0	12.8	6.4	
Rutherford	156.0	13.0	45.5	71.5	26.0
Scott	302.4	134.4	162.4	5.6	
Sequatchie	134.4	22.4	67.2	44.8	
Sevier	137.7	45.9	45.9	45.9	
Shelby	93.6	50.4	21.6	21.6	
Smith	75.9	13.8	48.3	13.8	
Stewart	198.4	111.6	68.2	18.6	
Sullivan	99.0	36.0	36.0	27.0	
Sumner	73.5	29.4	24.5	19.6	
Tipton	100.2	83.5	-	16.7	
Trousdale	24.4		12.2	12.2	
Unicoi	96.9	57.0	17.1	22.8	
Union	108.3	57.0	22.8	28.5	
Van Buren	124.8	41.6	36.4	46.8	
Warren	94.4	64.9	29.5		
Washington	61.2	20.4	35.7	5.1	
Wayne	372.0	80.6	248.0	43.4	
Weakley	112.8	75.2	18.8	18.8	
White	114.4	57.2	41.6	15.6	
Williamson	126.0	54.0	58.5	13.5	
Wilson	120.7	14.2	56.8	49.7	
All counties	12,879.0	4,923.6	5,229.6	2,672.2	53.6

Table 7.--*Commercial forest land by site class, 1980*

County	All classes	165 ft³ and more	120-165 ft³	85-120 ft³	50-85 ft³	Less than 50 ft³
			Thousand acres			
Anderson	134.2		12.2	24.4	79.3	18.3
Bedford	75.6	5.4	5.4	16.2	16.2	32.4
Benton	161.2			37.2	49.6	74.4
Bledsoe	171.0		-	11.4	91.2	68.4
Blount	126.0	6.0	12.0	36.0	60.0	12.0
Bradley	96.6			16.1	64.4	16.1
Campbell	209.1	10.2	5.1	86.7	91.8	15.3
Cannon	84.0		6.0		72.0	6.0
Carroll	186.3		13.8	75.9	82.8	13.8
Carter	151.2			18.9	56.7	75.6
Cheatham	104.0				88.4	15.6
Chester	109.8	5.1	5.1	30.5	54.9	12.2
Claiborne	179.4	15.6		54.6	70.2	39.0
Clay	97.5			22.5	67.5	7.5
Cocke	174.0		5.0	42.0	96.0	30.0
Coffee	112.0		16.8	39.2	50.4	5.6
Crockett	17.4				17.4	
Cumberland	324.5		5.9	70.8	159.3	88.5
Davidson	98.0	-		14.7	58.8	24.5
Decatur	145.0	11.6		58.0	63.8	11.6
De Kalb	74.0		22.2	18.5	14.8	18.5
Dickson	151.2			33.6	78.4	39.2
Dyer	54.5		10.9	10.9	32.7	
Fayette	153.6		28.8	57.6	48.0	19.2
Fentress	254.2		37.2	117.8	86.8	12.4
Franklin	174.9			26.5	84.8	63.6
Gibson	60.8		15.2	-	45.6	
Giles	121.8			33.6	63.0	25.2
Grainger	100.7			26.5	26.5	47.7
Greene	135.2	5.2		46.8	46.8	36.4
Grundy	189.0			31.5	88.2	69.3
Hamblen	30.4			7.6	22.8	
Hamilton	203.0			49.0	105.0	49.0
Hancock	100.8		-	21.6	57.6	21.6
Hardeman	248.0		31.0	74.4	117.8	24.8
Hardin	223.6		52.0	62.4	98.8	10.4
Hawkins	185.6			46.4	81.2	58.0
Haywood	78.0	7.8		70.2		
Henderson	170.8		18.3	67.1	67.1	18.3
Henry	172.5			67.5	67.5	37.5
Hickman	275.0	5.0		60.0	175.0	35.0
Houston	81.9			12.6	50.4	18.9
Humphreys	223.2		5.2	68.2	68.2	80.6
Jackson	112.2		10.2	25.5	56.1	20.4
Jefferson	58.5			19.5	19.5	19.5
Johnson	130.0		-	20.8	78.0	31.2
Knox	102.0		13.6	34.0	47.6	6.8
Lake	20.1			13.4	6.7	
Lauderdale	95.0	19.0	28.5	19.0	28.5	-
Lawrence	153.9	17.1	11.4	17.1	62.7	45.6

Table 7.--*Commercial* forest *land by site class,* 1980 *(Continued)*

County	All classes	165 ft^3 or more	120-165 ft^3	85-120 ft^3	50-85 ft^3	Less than 50 ft^3
			Thousand acres			
Lewis	131.1	5.7		11.4	79.8	34.2
Lincoln	105.0			10.0	60.0	35.0
Loudon	55.2		9.2	9.2	27.6	9.2
McMinn	129.8		5.9	35.4	76.7	11.8
McNairy	205.2		5.7	79.8	79.8	39.9
Macon	59.4		19.8	39.6		-
Madison	147.0		-	42.0	91.0	14.0
Marion	240.8		11.2	16.8	156.8	56.0
Marshall	75.6		-	4.2	58.8	12.6
Maury	110.0		11.0	22.0	33.0	44.0
Meigs	85.8			13.2	66.0	6.6
Monroe	290.7	5.7	5.7	57.0	165.3	57.0
Montgomery	103.4	4.7	4.7	28.2	42.3	23.5
Moore	28.0		-	4.0	20.0	4.0
Morgan	270.0		5.4	81.0	145.8	37.8
Obion	103.4	28.2		65.8	9.4	
Overton	167.5	6.7	20.1	33.5	93.8	13.4
Perry	218.3			23.6	118.0	76.7
Pickett	64.8	7.2	7.2	21.6	14.4	14.4
Polk	208.0		20.8	62.4	93.6	31.2
Putnam	136.4	6.2	37.2	43.4	43.4	6.2
Rhea	124.2			21.6	75.6	27.0
Roane	150.0		15.0	40.0	90.0	5.0
Robertson	51.2			6.4	38.4	6.4
Rutherford	156.0				32.5	123.5
Scott	302.4		22.4	84.0	168.0	28.0
Sequatchie	134.4		10.4	11.2	112.0	11.2
Sevier	137.7			10.2	76.5	51.0
Shelby	93.6	21.6	14.4	36.0	21.6	
Smith	75.9			6.9	62.1	6.9
Stewart	198.4			24.8	105.4	68.2
Sullivan	99.0		13.5	4.5	67.5	13.5
Sumner	73.5		4.9	29.4	29.4	9.8
Tipton	100.2		16.7	66.8	16.7	
Trousdale	24.4				18.3	5.1
Unicoi	96.9		5.7	22.8	62.7	5.7
Union	108.3			34.2	51.3	22.8
Van Buren	124.8	5.2	5.9	26.0	52.0	31.2
Warren	94.4	5.9		23.6	35.4	23.6
Washington	61.2			15.3	30.6	15.3
Wayne	372.0	6.2	37.2	49.6	210.8	68.2
Weakley	112.8		18.8	28.2	37.6	28.2
White	114.4			20.8	83.2	10.4
Williamson	126.0	4.5	13.5	31.5	45.0	31.5
Wilson	120.7			7.1	71.0	42.6
All counties	12879.0	216.8	717.1	3119.7	6285.9	2539.5

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

County	All sites	Pine	Upland hardwood	Bottomland hardwood
	Thousand acres			
Anderson	134.2	61.0	73.2	
Bedford	75.6	10.8	59.4	5.4
Benton	161.2	24.8	124.0	12.4
Bledsoe	171.0	136.8	34.2	
Blount	126.0	126.0		
Bradley	96.6	64.4	32.2	
Campbell	209.1	107.1	102.0	
Cannon	84.0	6.0	78.0	
Carroll	186.3	55.2	89.7	4i.4
Carter	151.2	50.4	100.8	
Cheatham	104.0	10.4	93.6	
Chester	109.8	67.1	30.5	12.2
Claiborne	179.4	101.4	78.0	
Clay	97.5	7.5	90.0	
Cocke	174.0	102.0	66.0	6.0
Coffee	112.0		100.8	ll.2
Crockett	17.4		17.4	
Cumberland	324.5	212.4	112.1	
Davidson	98.0		98.0	
Decatur	145.0	3i.8	104.4	5.8
De Kalb	74.0	14.8	55.5	3.7
Dickson	151.2		151.2	-
Dyer	54.5		10.9	43.6
Fayette	153.6	38.4	105.6	9.6
Fentress	254.2	155.0	93.0	6.2
Franklin	174.9	5.3	169.6	
Gibson	60.8		45.6	15.2
Giles	121.8	12.6	105.0	4.2
Grainger	100.7	90.1	10.6	
Greene	135.2	52.0	83.2	
Grundy	189.0	126.0	63.0	
Hamblen	30.4	15.2	15.2	
Hamilton	203.0	182.0	21.0	
Hancock	100.8	79.2	21.6	-
Hardeman	248.0	93.0	117.8	37.2
Hardin	223.6	130.0	57.2	36.4
Hawkins	185.6	139.2	46.4	
Haywood	78.0			78.0
Henderson	170.8	48.8	109.8	12.2
Henry	172.5		127.5	45.0
Hickman	275.0	25.0	250.0	
Houston	81.9		81.9	
Humphreys	223.2	6.2	217.0	
Jackson	112.2		112.2	
Jefferson	58.5	19.5	39.0	
Johnson	130.0	98.8	31.2	
Knox	102.0	68.0	34.0	
Lake	20.1			20.1
Lauderdale	95.0	-	28.5	66.5
Lawrence	153.9	22.8	125.4	5.7
Lewis	131.1	45.6	79.8	5.7
Lincoln	105.0	20.0	75.0	10.0
Loudon	55.2	55.2		
McMinn	129.8	123.9	5.9	-
McNairy	205.2	125.4	62.7	17.1
Macon	59.4		59.4	-
Madison	147.0	7.0	105.0	35.0
Marion	240.8	162.4	78.4	-
Marshall	75.6	4.2	71.4	-
Maury	110.0	5.5	104.5	-
Meigs	85.8	85.8		
Monroe	290.7	250.8	39.9	
Montgomery	103.4	9.4	89.3	4.7
Moore	28.0		28.0	-
Morgan	270.0	216:0	54.0	-
Obion	103.4		56.4	47.0
Overton	167.5	45.9	120.6	
Perry	218.3		212.4	5.9
Pickett	64.8	14.4	43.2	7.2
Polk	208.0	187.2	20.8	
Putnam	136.4	43.4	93.0	
Rhea	124.2	81.0	43.2	
Roane	150.0	130.0	15.0	5.0
Robertson	51.2		51.2	
Rutherford	156.0	19.5	136.5	
Scott	302.4	179.2	117.6	5.6
Sequatchie	134.4	128.8	5.6	
Sevier	137.7	117.3	20.4	-
Shelby	93.6		36.0	57.6
Smith	75.9		75.9	
Stewart	198.4		198.4	-
Sullivan	99.0	40.5	58.5	
Sumner	73.5		73.5	
ripton	100.2		83.5	16.7
Trousdale	24.4		24.4	
Unicoi	96.9	57.0	39.9	
Jnion	108.3	102.6	5.7	
Van Buren	124.8	83.2	41.6	
Warren	94.4		88.5	5.9
lashington	61.2	35.7	25.5	
Wayne	372.0	148.8	217.0	6.2
leakley	112.8	9.4	47.0	56.4
White	114.4	20.8	83.2	10.4
lilliamson	126.0		121.5	4.5
lilson	120.7	21.3	99.4	-
All counties	12,879.0	5,178.2	6,921.9	778.9

Table 9.--*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							
Anderson	2,246	421	285	136	1,825	803	79	943
Bedford	613	31		31	582	107		475
Benton	1,517	44	41	3	1,473	976	133	364
Bledsoe	1,350	425	403	22	925	702	9	214
Blount	2,769	1,212	1,127	85	1,557	958	54	545
Bradley	1,941	1,177	1,113	64	764	299	88	377
Campbell	3,593	568	525	43	3,025	1,437	67	1,521
Cannon	985	43	32	11	942	315	100	527
Carroll	2,369	236	221	15	2,133	1,029	352	752
Carter	3,250	566	123	443	2,684	1,478	45	1,161
Cheatham	1,252	36		25	1,216	722	51	443
Chester	1,273	456	44:	15	al7	400	139	278
Claiborne	2,345	222	201	21	2,123	897	39	1,187
Clay	872	30	13	17	842	451	12	379
Cocke	2,997	644	483	161	2,353	1,143	7	1,203
Coffee	1,913				1,913	1,225	60	628
Crockett	758			-	758	651		107
Cumberland	5,113	1,349	1,075	274	3,764	2,517	136	1,111
Davidson	962	20		20	942	497	5	440
Decatur	2,360	215	17;	38	2,145	1,290	169	686
De Kalb	948	69		69	879	257	52	570
Dickson	2,143	3		3	2,140	1,295	43	802
Dyer	884				884	91	27	766
Fayette	1,591	155	96	59	1,436	1,100	145	191
Fentress	4,065	1,329	1,111	218	2,736	1,581	70	1,085
Franklin	2,574	51		51	2,523	1,603		915
Gibson	1,051				1,051	579	45	426
Giles	1,180		7	13	1,160	438	70	652
Grainger	1,594	225	168	57	1,369	549	93	727
Greene	2,137	383	228	155	1,754	710	58	986
Grundy	2,559	405	377	28	2,154	1,113	75	966
Hamblen	383	99	87	12	284	197		87
Hamilton	2,789	1,143	1,143		1,646	1,090	34	522
Hancock	1,134	33	25	8	1,101	240	25	836
Hardeman	3,339	485	439	46	2,854	1,412	567	875
Hardin	3,091	807	755	52	2,284	1,040	269	975
Hawkins	2,586	268	251	17	2,318	1,209	45	1,064
Haywood	1,588				1,588	658	488	442
Henderson	2,707	455	391	65	2,251	945	528	778
Henry	2,550	12		12	2,538	1,082	419	1,037
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
Jackson	1,725	85	5	80	1,640	439		1,194
Jefferson	972	247	188	59	725	336	2:	362
Johnson	2,043	253	72	181	1,790	923	19	848
Knox	1,740	313	297	16	1,427	776	27	624
Lake	684	239		239	445	-	-	445
Lauderdale	2,175	277	-	277	1,898	412	249	1,237
Lawrence	1,929	45	45	-	1,884	1,169	88	627

Table 9.--*Cordage of growing stock on commercial forest land by species group, 1980 (Continued)*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
		Thousand cords						
Lewis	1,754	15	15		1,739	1,304	27	408
Lincoln	977	101		101	876	183	24	668
Loudon	941	399	379	20	542	396	19	127
McMinn	2,117	1,017	997	20	1,100	575	46	479
McNairy	2,282	806	781	25	1,476	861	145	470
Macon	917				917	100	17	800
Madison	2,201	53		52	2,148	1,051	369	728
Marion	2,862	428	36:	67	2,434	1,389	76	969
Marshall	552	59	-	59	493	264		229
Maury	1,260	5	1	4	1,255	371	26	858
Meigs	1,414	702	659	43	712	422	69	221
Monroe	5,170	2,592	2,268	324	2,578	1,160	104	1,314
Montgomery	934	28	11	17	906	448	52	406
Moore	448		-	31	417	221	3	193
Morgan	3,306	63:	481	151	2,674	1,342	51	1,281
Obion	2,659	251		251	2,408	1,028	372	1,008
Overton	3,184	295	281	14	2,889	879	61	1,949
Perry	2,940	60	19	41	2,880	1,891	88	901
Pickett	1,073	88	31	57	985	288	13	684
Polk	3,857	2,376	1,972	404	1,481	963	57	461
Putnam	2,078	169	143	26	1,909	685	30	1,194
Rhea	1,667	463	387	76	1,204	767	64	373
Roane	2,455	545	488	57	1,910	1,265	60	585
Robertson	694			4	690	294	46	350
Rutherford	528	68		68	460	154		306
Scott	5,422	1,427	1,204	223	3,995	2,155	73	1,767
Sequatchie	1,452	451	384	67	1,001	564	61	376
Sevier	2,024	678	623	55	1,346	723	51	572
Shelby	1,172	23		23	1,149	236	278	635
Smith	874	19		19	855	211	19	625
Stewart	3,055	77		77	2,978	1,791	221	966
Sullivan	1,665	249	110	139	1,416	830	21	565
Sumner	776	15		15	761	216	64	481
Tipton	1,400	8		8	1,392	416	208	768
Trousdale	190	20		20	170	51		119
Unicoi	1,928	365	30	335	1,563	538	24	1,001
Union	1,698	319	231	88	1,379	610	33	736
Van Buren	1,479	353	275	78	1,126	470	63	593
Warren	1,541	12		12	1,529	466	46	1,017
Washington	1,055	252	11;	140	803	503	22	278
Wayne	5,522	633	628	5	4,889	3,209	179	1,501
Weakley	2,192	300	266	34	1,892	618	443	831
White	1,824	87	77	10	1,737	491	113	1,133
Williamson	1,412	108	8	100	1,304	451	49	804
Wilson	882	233		233	649	249		400
All counties	187,293	32,073	25,308	6,765	155,220	77,916	9,117	68,187

Table 10.--*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							
Anderson	153.9	31.6	21.4	10.2	122.3	53.8	5.3	63.2
Bedford	41.3	2.3		2.3	39.0	7.2		31.8
Benton	102.0	3.3	3.1	0.2	98.7	65.4	8.9	24.4
Bledsoe	93.9	31.9	30.2	1.7	62.0	47.0	.6	14.4
Blount	195.2	90.9	84.5	6.4	104.3	64.2	3.6	36.5
Bradley	139.5	88.3	83.5	4.8	51.2	20.0	5.9	25.3
Campbell	245.3	42.6	39.4	3.2	202.7	96.3	4.5	101.9
Cannon	66.3	3.2	2.4	.a	63.1	21.1	6.7	35.3
Carroll	160.6	17.7	16.6		142.9	68.9	23.6	50.4
Carter	222.2	42.4	9.2	33::	179.8	99.0	3.0	77.8
Cheatham	84.2	2.7	.a	1.9	al. 5	48.4	3.4	29.7
Chester	88.9	34.2	33.1	1.1	54.7	26.8	9.3	18.6
Claiborne	158.9	16.7	15.1	1.6	142.2	60.1	2.6	79.5
Clay	58.7	2.3	1.0	1.3	56.4	30.2	.8	25.4
Cocke	206.0	48.3	36.2	12.1	157.7	76.6	.5	80.6
Coffee	iza.2				128.2	82.1	4.0	42.1
Crockett	50.8	-		-	50.8	43.6		7.2
Cumberland	353.4	101.2	80.6	20.6	252.2	168.6	9.1	74.5
Oavidson	64.6	1.5		1.5	63.1	33.3	.3	29.5
Oecatur	159.8	16.1	13.3	2.8	143.7	86.4	11.3	46.0
De Kalb	64.1	5.2		5.2	58.9	17.2	3.5	38.2
Oickson	143.6	.2		.2	143.4	86.8	2.9	53.7
Oyer	59.2			-	59.2		1.8	51.3
Fayette	107.8	11.6	7.2	4.4	96.2	73::	9.7	12.8
Fentress	283.0	99.7	83.3	16.4	183.3	105.9	4.7	72.7
Franklin	172.8	3.8		3.8	169.0	107.4	.3	61.3
Gibson	70.4			-	70.4	38.8	3.1	28.5
Giles	79.2	1.5	.5	1.0	77.7	29.3	4.7	43.7
Grainger	108.6	16.9	12.6	4.3	91.7	36.8	6.2	48.7
Greene	146.2	28.7	i7.i	ll.6	117.5	47.6	3.9	66.0
Grundy	174.7	30.4	28.3	2.1	144.3	74.6	5.0	64.7
Hamblen	26.4	7.4	6.5	.9	19.0	13.2	-	5.8
Hamilton	196.0	85.7	85.7		110.3	73.0	2.3	35.0
Hancock	76.3	2.5	1.9	.6	73.8	16.1	1.7	56.0
Hardeman	227.6	36.4	32.9	3.5	191.2	94.6	38.0	58.6
Hardin	213.5	60.5	56.6	3.9	153.0	69.7	18.0	65.3
Hawkins	175.4	20.1	18.8	1.3	155.3	81.0	3.0	71.3
Haywood	106.4				106.4	44.1	32.7	29.6
Henderson	185.0	34.2	29.3	4.9	150.8	63.3	35.4	52.1
Henry	171.0	.9		.9	170.1	72.5	28.1	69.5
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
Jackson	116.3	6.4	.4	6.0	109.9	29.4	.5	80.0
Jefferson	67.1	la.5	14.1	4.4	48.6	22.5	1.8	24.3
Johnson	138.9	19.0	5.4	13.6	119.9	61.8	1.3	56.8
Knox	119.1	23.5	22.3	1.2	95.6	52.0	1.8	41.8
Lake	47.7	17.9		17.9	29.8			29.8
Lauderdale	148.0	20.8		20. a	127.2	27.6	16.7	82.9
Lawrence	129.6	3.4	3.4		126.2	78.3	5.9	42.0

Table 10.--*Growing-stock volume on commercial forest land by species group, 1980 (Continued)*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Million cubic feet							
Lewis	117.6	1.1	1.1	-	116.5	87.4	1.8	27.3
Lincoln	66.3	7.6		7.6	58.7	12.3	1.6	44.8
Loudon	66.2	29.9	28.4	1.5	36.3	26.5	1.3	8.5
McMinn	150.0	76.3	74.8	1.5	73.7	38.5	3.1	32.1
McNairy	159.4	60.5	58.6	1.9	98.9	57.7	9.7	31.5
Macon	61.4				61.4	6.7	1.1	53.6
Madison	147.9	4.0	.1	3.9	143.9	70.4	24.7	48.8
Marion	195.2	32.1	27.1	5.0	163.1	93.1	5.1	64.9
Marshall	37.4	4.4		4.4	33.0	17.7		15.3
Maury	84.5	.4	.1	.3	84.1	24.9	1.7	57.5
Meigs	100.3	52.6	49.4	3.2	47.7	28.3	4.6	14.8
Monroe	367.1	194.4	170.1	24.3	172.7	77.7	7.0	88.0
Montgomery	62.8	2.1	.a	1.3	60.7	30.0	3.5	27.2
Moore	30.2	2.3		2.3	27.9	14.8	.2	12.9
Morgan	226.5	47.4	36.1	11.3	179.1	89.9	3.4	85.8
Obion	180.1	18.8		18.8	161.3	68.9	24.9	67.5
Overton	215.7	22.1	2;. 1	1.0	193.6	58.9	4.1	130.6
Perry	197.5	4.5	1.4	3.1	193.0	126.7	5.9	60.4
Pickett	72.6	6.6	2.3	4.3	66.0	19.3	.9	45.8
Polk	277.4	178.2	147.9	30.3	99.2	64.5	3.8	30.9
Putnam	140.6	12.7	10.7	2.0	127.9	45.9	2.0	80.0
Rhea	115.4	34.7	29.0	5.7	80.7	51.4	4.3	25.0
Roane	168.9	40.9	36.6	4.3	128.0	84.8	4:o	39.2'
Robertson	46.5			.3	46.2	19.7	3.1	23.4
Rutherford	35.9	5::		5.1	30.8	10.3		20.5
Scott	374.7	107.0	90.3	16.7	267.7	144.4	4.9	lia.4
Sequatchie	100.9	33.8	28.8	5.0	67.1	37.8	4.1	25.2
Sevier	141.0	50.8	46.7	4.1	90.2	48.5	3.4	38.3
Shelby	78.7	1.7		1.7	77.0	15.8	18.6	42.6
Smith	58.7	1.4		1.4	57.3	14.1	1.3	41.9
Stewart	205.3	5.8		5.8	199.5	120.0	14.8	64.7
Sullivan	113.6	18.7	8.3	10.4	94.9	55.6	1.4	37.9
Sumner	52.1	1.1		1.1	51.0	14.5	4.3	32.2
Tipton	93.9	.6		.6	93.3	27.9	13.9	51.5
Trousdale	12.9	1.5		1.5	11.4	3.4		8.0
Unicoi	132.1	27.4	2.3	25.1	104.7	36.0	1.6	67.1
Union	116.3	23.9	17.3	6.6	92.4	40.9	2.2	49.3
Van Buren	101.9	26.5	20.6	5.9	75.4	31.5		39.7
Warren	103.3	.9		.9	102.4	31.2	3::	68.1
Washington	72.7	18.9	8.4	10.5	53.8	33.7	1.5	18.6
Wayne	375.1	47.5	47.1	.4	327.6	215.0	12.0	LOO.6
Weakley	149.3	22.5	19.9	2.6	126.8	41.4	29.7	55.7
White	122.9	6.5	5.8		116.4	32.9	7.6	75.9
Williamson	95.5	8.1	.6	7::	87.4	30.2	3.3	53.9
Wilson	61.0	17.5	-	17.5	43.5	16.7		26.8
All counties	12,805.2	2,405.5	1,898.1	507.4	10,399.7	5,220.3	610.8	4,568.6

Table 11.--*Sawtimber volume on commercial forest land by epeciee group,* 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Million board *feet*							
Anderson	538.1	113.3	79.9	33.4	424.8	213.5	16.6	**194.7**
Bedford	115.4			2.9	112.5	27.9	-	84.8
Benton	250.6	5::	6.7		243.9	183.2	**18.5**	42.2
Bledsoe	224.2	94.7	87.7	7.0	129.5	94.1	1.3	34.1
Blount	721.1	383.0	349.7	33.3	338.1	249.7		88.4
Bradley	353.0	221.5	210.1	11.4	131.5	56.4		75.1
Campbell	785.1	130.1	**123.1**	7.0	655.0	322.9	14.7	**317.4**
Cannon	**184.8**		-		184.8	**71.9**	12.8	**100.1**
Carroll	432.0	**71.7**	**67.0**	4.7	360.3	**199.2**	42.2	**118.9**
Carter	733.9	184.8	18.2	166.6	549.1	**318.1**	13.8	**217.2**
Cheatham	221.3	**6.6**	3.5	3.1	**214.7**	135.1	10.4	**69.2**
Chester	269.0	**145.3**	143.9	1.4	**123.7**	56.9	14.1	52.7
Claiborne	526.8	**64.6**	64.6		462.2	220.2	3.6	238.4
Clay	140.2	9.5	6.4	3.1	130.7	92.1		38.6
Cocke	656.2	189.1	123.1	66.0	467.1	249.6		217.5
Coffee	404.4				404.4	263.0	6.8	134.6
Crockett	276.3	-			276.3	233.5		42.8
Cumberland	**1,066.7**	**352.4**	263.6	88.8	714.3	479.2	19.7	215.4
Davidson	240.2	2.8	-	2.8	237.4	157.7		79.7
Decatur	488.6	43.7	**32.9**	10.8	444.9	286.7	35.2	123.0
De Kalb	185.5	5.8	-	5.8	179.7	52.7	**10.3**	116.7
Dickson	400.0				400.0	273.9	**4.9**	121.2
Dyer	245.0				245.0	28.0	**6.1**	210.9
Fayette	315.1	14.3	9.2	5.1	300.8	237.6	24.8	38.4
Fentress	796.7	338.0	256.4	81.6	458.7	262.1	21.2	175.4
Franklin	613.9	2.7	-	2.7	611.2	424.2	2.1	184.9
Gibson	217.4				217.4	147.1	12.5	57.8
Giles	183.6	**1.8**	**1.8**		181.8	94.5	7.5	79.8
Grainger	332.4	**39.3**	**31.3**	8.0	293.1	125.0	13.8	154.3
Greene	478.3	80.4	45.7	34.7	397.9	166.2	**19.1**	212.6
Grundy	481.0	60.3	55.6	4.7	420.7	187.3	12.4	221.0
Hamblen	107.4	12.1	12.1		95.3	75.2	-	20.1
Hamilton	686.3	301.6	301.6		384.7	258.0	**4.8**	**121.9**
Hancock	234.6	**10.2**	10.2		224.4	56.0	2.8	165.6
Hardeman	731.1	134.6	120.7	13.9	596.5	277.7	132.5	186.3
Hardin	576.8	182.5	171.1	11.4	394.3	195.9	40.6	157.8
Hawkins	438.8	51.7	51.7		387.1	213.8	**5.1**	168.2
Haywood	464.8				464.8	**221.9**	**152.8**	90.1
Henderson	517.7	84.8	78.7	**6.1**	432.9	**209.8**	86.4	136.7
Henry	521.4			-	521.4	237.7	78.8	204.9
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
Jackson	394.0	**8.6**	**1.9**	6.7	385.4	115.1		270.3
Jefferson	248.9	**43.8**	**34.4**	9.4	205.1	124.0	5.6	74.5
Johnson	380.6	73.1	22.3	50.8	307.5	148.7		158.8
Knox	456.8	60.4	57.5	2.9	396.4	240.5	9.9	146.0
Lake	236.9	108.3	-	108.3	**128.6**	-		128.6
Lauderdale	754.4	**129.0**	-	**129.0**	625.4	**140.8**	79.4	405.2
Lawrence	344.7	5.2	5.2		339.5	198.3	**15.9**	125.3

Table 11.--*Sawtimber volume on commercial forest land by species group,* 1980
(Continued)

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Million board feet							
Lewis	236.5	4.0	4.0	-	232.5	178.3	-	54.2
Lincoln	133.9	2.4		2.4	131.5	32.2	2.6	96.7
Loudon	223.6	69.5	6i.4	5.1	154.1	111.2	4.5	38.4
McMinn	425.5	199.6	199.6		225.9	132.9	4.0	89.0
McNairy	459.6	223.2	212.6	10.6	236.4	134.5	27.9	74.0
Macon	167.0		-		167.0	26.3	-	140.7
Madison	460.4	10.8	-	10.8	449.6	234.4	83.9	131.3
Marion	683.2	133.6	105.0	28.6	549.6	326.4	13.4	209.8
Marshall	120.6	2.5	-	2.5	118.1	76.2		41.9
Maury	210.1				210.1	89.8	5.3	115.0
Meigs	197.7	107.8	98.9	8.9	89.9	72.8	-	17.1
Monroe	1,179.0	625.5	523.7	101.8	553.5	228.5	11.1	313.9
Montgomery	155.6	1.5	-	1.5	154.1	101.6	5.6	46.9
Moore	109.4	7.4		7.4	102.0	70.2		31.8
Morgan	695.4	179.6	125.0	54.6	515.8	262.9	6.3	246.6
Obion	744.5	114.0		114.0	630.5	336.4	91.4	202.7
Overton	666.9	100.1	98.6	1.5	566.8	190.8	4.2	371.8
Perry	439.4	3.4	1.4	2.0	436.0	308.1	6.4	121.5
Pickett	242.4	20.2	5.7	14.5	222.2	54.2	1.1	166.9
Polk	857.6	625.6	500.4	125.2	232.0	194.4		37.6
Putnam	436.6	46.2	41.7	4.5	390.4	127.5	4.7	258.2
Rhea	285.8	79.2	57.6	21.6	206.6	125.0	11.9	69.7
Roane	479.7	127.9	119.3	8.6	351.8	227.3	9.4	115.1
Robertson	166.4	1.2	-	1.2	165.2	88.3	8.8	68.1
Rutherford	51.7				51.7	27.8		23.9
Scott	1,063.3	351.8	293.5	58.3	711.5	397.3	9.2	305.0
Sequatchie	279.0	101.8	77.5	24.3	177.2	101.6	14.8	60.8
Sevier	437.6	137.8	129.7	8.1	299.8	183.2	6.9	109.7
Shelby	215.4	6.3	-	6.3	209.1	64.7	38.7	105.7
Smith	118.5				118.5	31.2	3.0	84.3
Stewart	687.0	22.8	-	22.8	664.2	443.7	20.3	200.2
Sullivan	310.2	71.6	23.8	47.8	238.6	146.4		92.2
Sumner	144.2				144.2	31.7	13.6	98.9
Tipton	411.7				411.7	125.5	74.4	211.8
Trousdale	19.8	-	-		19.8	9.6		10.2
Unicoi	402.9	109.5	9.7	99.8	293.4	123.6	4.3	165.5
Union	374.6	44.6	40.5	4.1	330.0	167.6	8.5	153.9
Van Buren	330.2	65.8	37.9	27.9	264.4	105.3	6.4	152.7
Warren	337.9	2.8	-	2.8	335.1	109.2	11.4	214.5
Washington	229.7	69.2	15.7	53.5	160.5	97.6	4.7	58.2
Wayne	836.1	113.5	112.0		722.6	497.9	15.2	209.5
Weakley	540.3	49.2	36.1	13::	491.1	210.6	127.5	153.0
White	441.7	9.1	9.1		432.6	116.3	23.5	292.8
Williamson	278.8	15.0	-	15.0	263.8	105.9	10.8	147.1
Wilson	124.7	23.2	-	23.2	101.5	44.9	-	56.6
All counties	38,897.3	7,684.3	5,818.3	,866.0	31,213.0	16,466.8	1,695.2	13,051.0

Table 12.--*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***				
Anderson	538.1	113.3	86.4	26.9	424.8	158.2	266.6
Bedford	115.6		2.9		112.7	55.6	57.1
Benton	250.6	5::	6.7		243.9	165.3	78.6
Bledsoe	224.2	94.7	76.0	18.7	129.5	86.6	42.9
Blount	721.1	383.0	340.4	42.6	338.1	141.8	196.3
Bradley	353.0	221.5	221.5	-	131.5	58.4	73.1
Campbell	785.1	130.1	109.4	20.7	655.0	288.6	366.4
Cannon	184.8		-	-	184.8	114.0	70.8
Carroll	432.0	71.7	44.2	27.5	360.3	216.9	143.4
Carter	733.9	184.8	60.9	123.9	549.1	211.1	338.0
Cheatham	221.3	6.6	5.2	1.4	214.7	103.8	110.9
Chester	269.0	145.3	120.7	24.6	123.7	81.4	42.3
Claiborne	526.8	64.6	59.3	5.3	462.2	264.4	197.8
Clay	140.2	9.5	9.5		130.7	75.0	55.7
Cocke	656.2	189.1	113.1	76.0	467.1	178.4	288.7
Coffee	404.4				404.4	178.8	225.6
Crockett	276.3			-	276.3	124.1	152.2
Cumberland	1,066.7	35;. 4	247.6	104.8	714.3	394.6	319.7
Davidson	240.2	2.8	2.8		237.4	86.1	151.3
Decatur	488.6	43.7	36.3	7.4	444.9	257.0	187.9
De Kalb	185.5	5.8	5.8		179.7	76.9	102.8
Dickson	400.0				400.0	267.9	132.1
Dyer	245.0				245.0	67.8	177.2
Fayette	315.1	14.3	14.3		300.8	135.1	165.7
Fentress	796.7	338.0	241.8	96.2	458.7	215.6	243.1
Franklin	613.9	2.7	2.7		611.2	302.2	309.0
Gibson	217.4				217.4	89.5	127.9
Giles	183.6	i.8	i.8	-	181.8	73.6	108.2
Grainger	332.4	39.3	34.2	5.1	293.1	118.9	174.2
Greene	478.3	80.4	47.4	33.0	397.9	120.2	277.7
Grundy	481.0	60.3	47.3	13.0	420.7	203.7	217.0
Hamblen	107.4	12.1	12.1		95.3	24.2	71.1
Hamilton	686.3	301.6	268.4	33.2	384.7	143.9	240.8
Hancock	234.6	10.2	10.2		224.4	82.8	141.6
Hardeman	731.1	134.6	115.8	18.8	596.5	302.5	294.0
Hardin	576.8	182.5	146.4	36.1	394.3	198.5	195.8
Hawkins	438.8	51.7	44.9	6.8	387.1	161.4	225.7
Haywood	464.8			-	464.8	103.7	361.1
Henderson	517.7	84.8	83.5	1.3	432.9	231.3	201.6
Henry	521.4				521.4	286.0	235.4
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	i.8	551.7	374.2	177.5
Jackson	394.0	8.6	8.6		385.4	160.1	225.3
Jefferson	248.9	43.8	43.8		205.1	76.1	129.0
Johnson	380.6	73.1	60.5	12.6	307.5	143.5	164.0
Knox	456.8	60.4	48.1	12.3	396.4	53.8	342.6
Lake	236.9	108.3	3.2	105.1	128.6	31.9	96.7
Lauderdale	754.4	129.0	8 .	2 120.8	625.4	89.6	535.8
Lawrence	344.7	5.2	5.2	-	339.5	164.0	175.5

Table 12. --*Sawtimber volume on commercial forest land by species group* and *diameter class,* 1980 *(Continued)*

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*						
Lewis	236.5	4.0	-	4.0	232.5	142.6	89.9
Lincoln	133.9	2.4	2.4		131.5	72.1	59.4
Loudon	223.6	69.5	69.5		154.1	35.2	118.9
McMinn	425.5	199.6	181.8	17.8	225.9	87.3	138.6
McNairy	459.6	223.2	168.6	54.6	236.4	144.3	92.1
Macon	167.0	-	-		167.0	103.2	63.8
Madison	460.4	10.8	10.8		449.6	189.0	260.6
Marion	683.2	133.6	98.5	35.1	549.6	242.8	306.8
Marshall	120.6	2.5	1.2	1.3	118.1	44.9	73.2
Maury	210.1				210.1	89.8	120.3
Meigs	197.7	107.8	107.8		89.9	53.3	36.6
Monroe	1,179.0	625.5	505.8	i19.7	553.5	224.7	328.8
Montgomery	155.6	1.5	1.5	-	154.1	80.6	73.5
Moore	109.4	7.4	5.0	2.4	102.0	53.0	49.0
Morgan	695.4	179.6	129.4	50.2	515.8	221.5	294.3
Obion	744.5	114.0	10.4	103.6	630.5	143.4	487.1
Overton	666.9	100.1	75.8	24.3	566.8	298.2	268.6
Perry	439.4	3.4	3.4		436.0	263.3	172.7
Pickett	242.4	20.2	16.0	4.2	222.2	115.4	106.8
Polk	857.6	625.6	430.1	195.5	232.0	98.9	134.1
Putnam	436.6	46.2	31.0	15.2	390.4	183.9	206.5
Rhea	285.8	79.2	52.3	26.9	206.6	119.5	87.1
Roane	479.7	127.9	loa.2	19.7	351.8	194.9	156.9
Robertson	166.4	1.2	1.2		165.2	40.3	124.9
Rutherford	51.7				51.7	32.6	19.1
Scott	1063.3	351.8	309.5	42.3	711.5	338.7	372.8
Sequatchie	279.0	101.8	79.9	21.9	177.2	76.2	101.0
Sevier	437.6	137.8	102.2	35.6	299.8	124.6	175.2
Shelby	215.4	6.3	2.1	4.2	209.1	76.1	133.0
Smith	lia.5				lia.5	45.3	73.2
Stewart	687.0	22.8	20.0	2.8	664.2	303.5	360.7
Sullivan	310.2	71.6	32.5	39.1	238.6	115.1	123.5
Sumner	144.2				144.2	66.5	77.7
Tipton	411.7				411.7	84.3	327.4
Trousdale	19.8				19.8	14.2	5.6
Unicoi	402.9	109.5	52.3	57.2	293.4	95.2	198.2
Union	374.6	44.6	44.6		330.0	82.4	247.6
Van Buren	330.2	65.8	45.2	20.6	264.4	114.0	150.4
Warren	337.9	2.8	2.8	-	335.1	176.6	158.5
Washington	229.7	69.2	31.8	37.4	160.5	62.3	98.2
Wayne	836.1	113.5	109.3	4.2	722.6	504.7	217.9
Weakley	540.3	49.2	36.1	13.1	491.1	152.2	338.9
White	441.7	9.1	7.6	1.5	432.6	175.0	257.6
Williamson	278.8	15.0	10.1	4.9	263.8	118.9	144.9
Wilson	124.7	23.2	17.0	6.2	101.5	48.1	53.4
All counties	38,897.3	7,684.3	5,740.5	1,943.8	31,213.0	14,160.1	17,052.9

Table 13.--*Growing-stock volume of softwoods on commercial forest land by forest type, 1980*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	a-gum-cypress	m-ash-cottonwood	Maple-beech-birch
	Million cubic feet							
Anderson	31.6	-	13.3	7.3	11.0		-	-
Bedford	2.3	-	1.7	.3		.3	-	-
Benton	3.3	-	2.6	.7			-	-
Bledsoe	31.9	-	16.2	8.8	6.9		-	-
Blount	90.9	-	22.5	64.8	3.6		-	-
Bradley	88.3	-	84.7		3.6		-	-
Campbell	42.6	-	18.9	16.5	7.2		-	-
Cannon	3.2	-		2.4	.8		-	-
Carroll	17.7	-	6.5	6.8	4.4		-	-
Carter	42.4	-	13.3	15.8	13.3		-	-
Cheatham	2.7	-		-	2.7		-	-
Chester	34.2	-	21.6	10.2	2.4		-	-
Claiborne	16.7	-	1.6	5.0	10.1		-	-
Clay	2.3	-	-	.3	2.0		-	-
Cocke	48.3	-	27.9	10.1	10.3		-	-
Coffee		-					-	-
Crockett	-	-	-		-		-	-
Cumberland	101.2	-	27.6	49.3	24.3		-	-
Davidson	1.5	-	-	.6	.9		-	-
Decatur	16.1	-	11.4	2.6	2.1		-	-
De Kalb	5.2	-	2.9	2.1	.2		-	-
Dickson	.2	-			.2		-	-
Dyer		-					-	-
Fayette	11.6	-	5.8		5.8		-	-
Fentress	99.7	-	48.9	20.7	27.0		-	3.1
Franklin	3.8	-	2.2		1.6		-	-
Gibson	-	-					-	-
Giles	1.5	-		.3	1.2		-	-
Grainger	16.9	-		11.6	5.3		-	-
Greene	28.7	-	12.6	10.2	5.9		-	-
Grundy	30.4	-	16.1	7.6	6.7		-	-
Hamblen	7.4	-	-	7.4	-		-	-
Hamilton	85.7	-	54.6	18.3	12.8		-	-
Hancock	2.5	-		.6	1.9		-	-
Hardeman	36.4	-	27.6		5.7	3.1	-	-
Hardin	60.5	-	42.9	8.7	7.6	1.3	-	-
Hawkins	20.1	-	8.5	3.8	7.8		-	-
Haywood		-					-	-
Henderson	34.2	-	26.5	5.5	2.2		-	-
Henry	.9	-			.9		-	-
Hickman	9.8	-	8.0		1.8		-	-
Houston	-	-			-		-	-
Humphreys	2.2	-			2.2		-	-
Jackson	6.4	-		5.6	.8		-	-
Jefferson	18.5	-	11.4	7.1			-	-
Johnson	19.0	-	2.6	9.5	6.9		-	
Knox	23.5	-	6.9	12.2	4.4	-	-	-
Lake	17.9	-				17.9	-	-
Lauderdale	20.8	-				20.8	-	-
Lawrence	3.4	-		3.0	.4		-	-

Table 13.--*Growing-stock volume of softwoods on commercial forest land by forest type,* 1980
(Continued)

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	a - gum-cypress	m- ash-cottonwood	Maple-beech-birch
	Million cubic feet							
Lewis	1.1		-		1.1		-	
Lincoln	7.6		2.9	3.7	1.0		-	
Loudon	29.9		24.0	5.2	.7		-	
McMinn	76.3		51.7	16.3	8.3		-	
McNairy	60.5		37.0	19.2	2.9	1.4	-	
Macon			-				-	
Madison	4.0		2.6	-	1.4		-	
Marion	32.1			20.5	11.6		-	
Marshall	4.4		2.1	1.9	.4		-	
Maury	.4		.3		.1		-	
Meigs	52.6		30.0	15.6	7.0		-	
Monroe	194.4		145.4	30.8	18.2		-	
Montgomery	2.1			1.2	.9		-	
Moore	2.3			.7	1.6		-	
Morgan	47.4			22.9	24.5		-	
Obion	18.8					18.8	-	
Overton	22.1		11.7	5.6	3.8		-	
Perry	4.5	-		1.4	3.1	-	-	
Pickett	6.6				2.2	4.4	-	
Polk	178.2	8.3	105.7	50.1	14.1		-	
Putnam	12.7		-	5.6	7.1		-	
Rhea	34.7		14.1	9.9	10.7	-	-	
Roane	40.9		28.0	4.8	7.0	1.1	-	
Robertson	.3				.3		-	
Rutherford	5.1		3.7	1.4			-	
Scott	107.0		42.5	35.9	28.6		-	
Sequatchie	33.8	5.2	8.2	12.1	8.3		-	
Sevier	50.8		21.0	17.2	12.6	-	-	
Shelby	1.7				.6	1.1	-	
Smith	1.4				1.4	-	-	
Stewart	5.8		5.3		.5		-	-
Sullivan	18.7		13.7	1.1	3.9		-	-
Sumner	1.1		.5	.6			-	-
Tipton	.6				.6		-	-
Trousdale	1.5			.8	.7		-	-
Unicoi	27.4		5.0	13.5	8.9		-	-
Union	23.9		16.8	4.0	3.1		-	-
Van Buren	26.5		9.0	6.9	10.6		-	-
Warren	.9			-	.9		-	-
Washington	18.9			11.4	7.5		-	-
Wayne	47.5		37.5	3.7	6.3		-	-
Weakley	22.5		19.9	-	.3	2.3	-	-
White	6.5		3.5	2.3	.7		-	-
Williamson	8.1		4.2	.9	3.0		-	-
Wilson	17.5		7.1	6.4	4.0		-	-
All counties	2,405.5	13.5	1,200.7	670.3	445.4	72.5	-	3.1

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

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Oak-ash-cottonwood	Maple-beech-birch
	Million cubic feet							
Anderson	122.3	-	1.9	7.8	112.6			
Bedford	39.0	-	1.3	.1	33.1	i.5		
Benton	98.7	-	1.2	1.0	90.2	6.3		
Bledsoe	62.0	-	.7	5.4	55.9			
Blount	104.3	-	.7	54.9	48.7			
Bradley	51.2	-	ll.2		40.0			
Campbell	202.7	-	5.2	lö.9	186.6			
Cannon	63.1	-		2.9	60.2			
Carroll	142.9	-	.5	4.6	106.4	3i.4		
Carter	179.8	-	3.4	21.2	143.3			ll.9
Cheatham	al.5	-	-	-	81.5			
Chester	54.7	-	3.4	9.0	35.4	5.0	1.9	
Claiborne	142.2	-		.9	141.3			
Clay	56.4	-		2.0	54.4			
Cocke	157.7	-	5.7	7.6	137.8	5.6		
Coffee	128.2	-			114.1	14.1		
Crockett	50.8	-		-	50.8		-	
Cumberland	252.2	-	1.9	44.1	206.2			
Oavidson	63.1	-		1.9	61.2			
Decatur	143.7	-	2.7	3.4	129.2	8.4		
De Kalb	58.9	-	1.7	2.7	47.5	7.0		
Dickson	143.4	-			143.4			
Dyer	59.2	-			11.0	3i.9	15.3	
Fayette	96.2	-	2.4		75.1	la.7		
Fentress	183.3	-	ll.9	12.4	150.2	6.4		2.4
Franklin	169.0	-	1.5		163.6			3.9
Gibson	70.4	-		-	64.1	6.3		
Giles	77.7	-		1.1	75.4	1.2		
Grainger	91.7	-		7.4	84.3			
Greene	117.5	-	.6	8.2	loa.7			
Grundy	144.3	-	3.7	7.7	132.9			
Hamblen	19.0	-		1.0	la.0			
Hamilton	110.3	-	8.3	12.5	89.5			
Hancock	73.8	-			73.8			
Hardeman	191.2	-	5.4	i.2	127.5	56.1		
Hardin	153.0	-	7.9	5.7	102.5	36.9		
Hawkins	155.3	-	.7	4.3	140.0			10.3
Haywood	106.4	-	-	-		106.4		
Henderson	150.8	-	2.6	7.3	126.6	14.3		
Henry	170.1	-			128.3	41.8		
Hickman	294.2	-			294.2			
Houston	67.8	-			67.8			
Humphreys	218.3	-			218.3			
Jackson	109.9	-		7.6	102.3			
Jefferson	48.6	-	4.8	3.0	40.8			
Johnson	119.9	-	3.9	9.7	106.3			
Knox	95.6	-	.8	6.5	88.3			
Lake	29.8	-				13.9	15.9	
Lauderdale	127.2	-		-	19.8	79.9	27.5	
Lawrence	126.2	-		2.4	117.9		5.9	

Table 14.--*Growing-stock volume of hardwoods on commercial* forest *land by* ***forest type,*** 1980 *(Continued)*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Million cubic feet							
Lewis	116.5			-	110.7	5.8		
Lincoln	58.7		i.7	12.4	43.3	.7	.6	
Loudon	36.3		.6	4.5	31.2			
McMinn	73.7		4.6	13.1	56.0			
McNairy	98.9		3.4	12.8	66.9	15.8		
Macon	61.4				61.4			
Madison	143.9		1.6	3.0	93.2	45.1		
Marion	163.1			13.2	149.9			
Marshall	33.0		.8	6.0	26.2			
Maury	84.1		.3	.6	83.2			*
Meigs	47.7		1.7	19.4	26.6			*
Monroe	172.7		18.9	30.2	120.4			3.2
Montgomery	60.7			2.5	55.2	3.0		
Moore	27.9			2.1	25.8			
Morgan	179.1			28.7	150.4			
Obion	161.3			-	76.2	73.1		12.0
Overton	193.6		2.7	11.9	179.0			
Perry	193.0			2.8	185.9	4.3		
Pickett	66.0	-	-	-	62.4	3.6		
Polk	99.2	4.4	7.4	32.4	55.0			
Putnam	127.9		-	4.5	123.4			
Rhea	80.7		2.2	7.7	70.8			
Roane	128.0		.7	10.2	103.3	13.8		
Robertson	46.2		-		46.2			
Rutherford	30.8		2.3	8.5	20.0			
Scott	267.7		7.0	28.1	230.3		2.3	
Sequatchie	67.1	.8	3.3		57.0			
Sevier	90.2		3.7	17::	69.0			
Shelby	77.0				30.5	30.9	15.6	
Smith	57.3				57.3			
Stewart	199.5		2.9	-	196.6			
Sullivan	94.9		3.2	7.2	84.5			
Sumner	51.0	*	.2		50.8			
Tipton	93.3				77.6	15.7		
Trousdale	11.4			3.2	8.2			
Unicoi	104.7			10.7	82.1			11.9
Union	92.4		4.4	6.0	82.0			
Van Buren	75.4		2.2	4.0	69.2	*		
Warren	102.4				97.6	4.8		
Washington	53.8			i.2	46.6			
Wayne	327.6		5.4	2.1	317.6		2.5	
Weakley	126.8		.8	-	40.9	85.1	-	
White	116.4		.8	2.4	104.0	6.9	2.3	
Williamson	87.4		.8	2.0	83.0	1.6		
Wilson	43.5		2.0	10.3	31.2			
All counties	10,399.7	5.2	183.6	611.6	8,645.6	807.3	90.8	55.6

Table 15.--*Sawtimber volume of softwoods on commercial forest land by forest type, 1980*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Million board feet							
Anderson	113.3	-	41.5	24.3	47.5		-	-
Bedford	2.9	-	1.5	1.4			-	-
Benton	6.7	-	4.1	2.6			-	-
Bledsoe	94.7	-	40.3	34.2	20.2		-	-
Blount	383.0	-	71.7	303.0	8.3		-	-
Bradley	221.5	-	201.7		19.8		-	-
Campbell	130.1	-	53.0	49.1	28.0		-	-
Cannon		-					-	-
Carroll	7i.7	-	2i.4	39.7	10.6		-	-
Carter	184.8	-	52.1	60.0	72.7		-	-
Cheatham	6.6	-	-		6.6		-	-
Chester	145.3	-	102.9	36.5	5.9		-	-
Claiborne	64.6	-		17.0	47.6	-	-	-
Clay	9.5	-			9.5		-	-
Cocke	189.1	-	88.4	44.7	56.0		-	-
Coffee		-		-			-	-
Crockett		-		-			-	-
Cumberland	35;. 4	-	80.1	191.6	80.7		-	-
Davidson	2.8	-		2.8			-	-
Decatur	43.7	-	26.6	9.8	7.3		-	-
De Kalb	5.8	-	5.8				-	-
Dickson		-					-	-
Dyer		-					-	-
Fayette	14.3	-	6.4		7.9		-	-
Fentress	338.0	-	153.4	65.3	95.9		-	23.4
Franklin	2.7	-		-	2.7		-	-
Gibson	-	-					-	-
Giles	1.8	-			i.8		-	-
Grainger	39.3	-		20.2	19.1		-	-
Greene	80.4	-	24.0	43.1	13.3		-	-
Grundy	60.3	-	32.1	11.0	17.2		-	-
Hamblen	12.1	-	-	12.1			-	-
Hamilton	301.6	-	204.4	41.8	55.4		-	-
Hancock	10.2	-			10.2		-	-
Hardeman	134.6		101.0		19.7	13.9	-	-
Hardin	182.5	-	129.8	29.0	19.4	4.3	-	-
Hawkins	51.7	-	4.3	14.3	33.1		-	-
Haywood		-					-	-
Henderson	84.8	-	74.4	10.4			-	-
Henry		-		-	-		-	-
Hickman	27.1	-	23.8		3.3		-	-
Houston		-		-	-		-	-
Humphreys	6.8	-			6.8		-	-
Jackson	8.6	-		6.7	1.9		-	-
Jefferson	43.8	-	3i.6	9.2			-	-
Johnson	73.1	-	5.3	41.4	26.4		-	-
Knox	60.4	-	16.3	30.8	13.3	-	-	-
Lake	108.3	-				108.3	-	-
Lauderdale	129.0	-				129.0	-	-
Lawrence	5.2	-		3.4	1.8		-	-

Table 15. --*Sawtimber volume of softwoods on commercial forest land by forest type, 1980 (Continued)*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Million board feet							
Lewis	4.0				4.0			-
Lincoln	2.4		1.4		1.0		-	-
Loudon	69.5		51.1	18.4			-	-
McMinn	199.6		97.8	64.7	37.1		-	-
McNairy	223.2		133.5	75.0	4.1	10.6	-	-
Macon			-			-	-	-
Madison	10.8		7.3		3.5		-	-
Marion	133.6			78.9	54.7		-	-
Marshall	2.5			2.5			-	-
Maury	-						-	-
Meigs	107.8		28.6	56.7	22.5		-	-
Monroe	625.5		433.9	99.6	92.0		-	-
Montgomery	1.5			1.5	-		-	-
Moore	7.4			-	7.4		-	-
Morgan	179.6			83.9	95.7		-	-
Obion	114.0					114.0	-	-
Overton	100.1		58.7	3i.5	6.9		-	-
Perry	3.4				3.4		-	-
Pickett	20.2			-	4.2	15.0	-	-
Polk	625.6	40.3	333.5	180.7	71.1		-	-
Putnam	46.2			20.3	25.9		-	-
Rhea	79.2		16.2	31.7	31.3		-	-
Roane	127.9		89.9	14.6	17.6	5.8	-	-
Robertson	1.2				1.2		-	-
Rutherford						-	-	-
Scott	351.8		134.6	108.6	108.6		-	-
Sequatchie	101.8	23.2	12.5	48.2	17.9		-	-
Sevier	137.8		47.3	53.2	37.3		-	-
Shelby	6.3				2.1	4.2	-	-
Smith							-	-
Stewart	22.8		22.8	-			-	-
Sullivan	71.6		61.5	2.5	7.6		-	-
Sumner							-	-
Tipton							-	-
Trousdale							-	-
Unicoi	109.5		19.1	51.7	38.7		-	-
Union	44.6		38.4	-	6.2		-	-
Van Buren	65.8		20.3	7.5	38.0		-	-
Warren	2.8				2.8		-	-
Washington	69.2			38.5	30.7		-	-
Wayne	113.5		87.9	12.1	13.5	-	-	-
Weakley	49.2		36.1			13.1	-	-
White	9.1		1.8	5.0	i.3		-	-
Williamson	15.0		6.9	.6	7.5		-	-
Wilson	23.2		13.1	10.1			-	-
All counties	7,684.3	63.5	3,355.1	2,257.4	1,565.7	419.2	-	23.4

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

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Million board feet							
Anderson	424.8	-	10.9	30.2	383.7			
Bedford	112.5	-	6.9		83.3	22.3		
Benton	243.9	-		-	233.7	10.2		
Bledsoe	129.5	-	i.4	7.9	120.2			
Blount	338.1	-		182.9	155.2			
Bradley	131.5	-	6.3		125.2			
Campbell	655.0	-	11.9	31.4	611.7			
Cannon	184.8	-		3.6	181.2			
Carroll	360.3	-		20.6	277.9	61.8		
Carter	549.1	-	4.0	40.5	480.3			2i.3
Cheatham	214.7	-			214.7	-		
Chester	123.7	-	5.8	18.2	86.0	10.0	2.7	
Claiborne	462.2	-			462.2			
Clay	130.7	-	-	i.5	126.2	-		
Cocke	467.1	-	8.7	17.5	420.5	20.4		
Coffee	404.4	-			364.1	40.3		
Crockett	276.3	-		-	276.3			
Cumberland	714.3	-	i.4	137.1	575.8			
Davidson	237.4	-		.8	236.6			
Decatur	444.9	-		7.2	398.9	38.8		
De Kalb	179.7	-	1.4	-	150.5	27.8		
Dickson	400.0	-		-	400.0			
Dyer	245.0	-		-	40.2	121.0	83.8	
Fayette	300.8	-		-	256.6	44.2		
Fentress	458.7	-	19.8	9.0	405.1	16.2		8.6
Franklin	611.2	-	1.7		600.2			9.3
Gibson	217.4	-			201.8	15.6		
Giles	181.8	-		1.9	176.3	3.6		
Grainger	293.1	-		18.9	274.2			
Greene	397.9	-	3.2	15.4	379.3			
Grundy	420.7	-	7.6	25.4	387.7			
Hamblen	95.3	-		3.8	91.5			
Hamilton	384.7	-	23.6	41.4	319.7			-
Hancock	224.4	-			224.4			
Hardeman	596.5	-	23.9	3.8	366.4	202.4		
Hardin	394.3	-	17.4	11.0	270.1	95.8		
Hawkins	387.1	-		1.7	362.5			22.9
Haywood	464.8	-	-	-		464.8	-	
Henderson	432.9	-	4.9	15.9	372.8	39.3		
Henry	521.4	-			381.0	140.4		
Hickman	746.8	-			746.8			
Houston	180.6	-			180.6			-
Humphreys	551.7	-			551.7			
Jackson	385.4	-		25.8	359.6			
Jefferson	205.1		18.8	12.9	173.4			
Johnson	307.5	-	5.4	33.0	269.1			
Knox	396.4	-	3.2	6.1	387.1			
Lake	128.6	-			-	47.1	81.5	
Lauderdale	625.4	-			65.4	381.8	178.2	
Lawrence	339.5	-		8.3	316.8		14.4	

Table 16.--*Sawtimber volume of hardwoods on commercial forest land by* forest *type, 1980 (Continued)*

County	All types	White pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch
	Million board feet							
Lewis	232.5	-		-	209.6	22.9		
Lincoln	131.5	-	7.2	20.7	102.3	1.3		
Loudon	154.1	-	3.5	8.8	141.8			
McMinn	225.9	-	1.2	43.8	180.9			
McNairy	236.4		2.6	23.3	165.6	44.9		
Macon	167.0	-			167.0			
Madison	449.6		3.8	9.1	257.0	179.7		
Marion	549.6	-		44.5	505.1			
Marshall	118.1	-	1.2	16.6	100.3			
Maury	210.1	-			210.1			
Meigs	89.9	-		34.0	55.9			
Monroe	553.5	-	2T.o	62.2	459.8			4.5
Montgomery	154.1	-		7.2	137.2	9.7		
Moore	102.0	-		6.9	95.1			
Morgan	515.8			64.1	451.7			
Obion	630.5	-	-		328.1	269.1		33.3
Overton	566.8	-	12.1	13.2	541.5			
Perry	436.0	-			420.7	15.3		
Pickett	222.2	-			222.2			
Polk	232.0	-	13.6	7i.8	146.6			
Putnam	390.4	-		9.5	380.9			
Rhea	206.6	-	9.4	9.2	188.0	-		
Roane	351.8	-		38.7	271.2	41.9		
Robertson	165.2	-	-	-	165.2			
Rutherford	51.7		2.1	20.4	29.2			
Scott	711.5	-	18.0	65.9	619.2		8.4	
Sequatchie	177.2	-	11.7	14.1	151.4			
Sevier	299.8	-	4.7	57.1	238.0	-		
Shelby	209.1	-			105.8	71.6	31.7	
Smith	118.5				118.5			
Stewart	664.2	-	15.0	-	649.2			
Sullivan	238.6	-	9.5	12.6	216.5			
Sumner	144.2	-	.8		143.4	-		
Tipton	411.7	-			328.8	82.9		
Trousdale	19.8	-		3.3	16.5			
Unicoi	293.4	-		10.6	263.1			19.7
Union	330.0	-	10.6	24.9	294.5			
Van Buren	264.4	-	5.2	6.0	253.2			
Warren	335.1	-			320.4	14.7		
Washington	160.5	-		30.5	130.5			
Wayne	722.6	-	8.7	4.5	704.0	-	5.4	
Weakley	491.1	-	3.8	-	154.3	333.0		
White	432.6	-		4.9	412.9	14.8		
Williamson	263.8	-			257.8	6.0		
Wilson	101.5	-	4.1	19.9	77.5	-		
All counties	31,213.0	-	365.0	1,495.0	25,912.7	2,911.6	406.1	122.6

Table 17. *--Growng-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		
Anderson	31.6	28.3		3.3	
Bedford	2.3	1.0		1.3	
Benton	3.3		2.6	.7	
Bledsoe	31.9	15.1	15.0	1.8	
Blount	90.9	73.6	13.1	4.2	
Bradley	88.3		88.3		
Campbell	42.6	19.1	18.4	5.1	
Cannon	3.2		3.0		.2
Carroll	17.7	13.3	2.2	i.2	
Carter	42.4	34.3	8.1		
Cheatham	2.7	2.1		.6	
Chester	34.2	28.7	3.8	1.7	
Claiborne	16.7	6.8	.7	9.2	
Clay	2.3	1.7	.6		
Cocke	48.3	25.0	14.2	9.1	
Coffee					
Crockett					
Cumberland	101.2	68.0	30.1	3.1	
Davidson	1.5		.9	.6	
Decatur	16.1	i.3	14.8		
De Kalb	5.2		5.1	.1	
Dickson	.2		.2		
Dyer					
Fayette	11.6	1.9	9.7		
Fentress	99.7	38.7	52.3	8.7	
Franklin	3.8	.6	3.2		
Gibson					
Giles	1.5	.5	.7	.3	
Grainger	16.9	8.3	5.8	2.8	
Greene	28.7	10.1	18.6		
Grundy	30.4	8.7	18.9	2.8	
Hamblen	7.4		6.5	.9	
Hamilton	85.7	48.4	30.9	6.4	
Hancock	2.5	1.9		.6	
Hardeman	36.4	29.4	6.1	.9	
Hardin	60.5	32.1	25.6	2.8	
Hawkins	20.1	2.0	14.6	3.5	
Haywood	-				
Henderson	34.2	10.2	20.3	3.7	
Henry	.9	.4	.5		
Hickman	9.8	8.0	1.8		
Houston		-			
Humphreys	2.2	2.2			
Jackson	6.4	2.7	2.8	.9	
Jefferson	18.5	11.4		7.1	-
Johnson	19.0	9.8	4.5	4.7	-
Knox	23.5	2.9	13.3	7.3	-
Lake	17.9	17.9			-
Lauderdale	20.8	20.8			-
Lawrence	3.4	.4	3.0		-

Table 17.--*Growng-stock volume of softwoods on commercial forest land by stand-size class,* 1980 *(Continued)*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million cubic feet		
Lewis	1.1		1.1		-
Lincoln	7.6		6.7	.9	-
Loudon	29.9	17.9	9.5	2.5	-
McMinn	76.3	31.2	41.9	3.2	-
McNairy	60.5	30.2	29.5	.8	-
Macon	-			-	-
Madison	4.0	-	i.4	2.6	-
Marion	32.1	22.2	5.5	4.4	-
Marshall	4.4	.6	1.9	1.9	-
Maury	.4			.4	-
Meigs	52.6	9.6	41.4	1.6	-
Monroe	194.4	105.2	72.6	16.6	-
Montgomery	2.1	.6	.7	.8	-
Moore	2.3	1.3	1.0	-	-
Morgan	47.4	23.6	16.0	7.8	-
Obion	18.8	17.6		1.2	-
Overton	22.1	19.1	2.7	.3	-
Perry	4.5	.3	2.8	1.4	-
Pickett	6.6	-	5.4	1.2	-
Polk	178.2	99.6	73.8	4.8	-
Putnam	12.7	10.3	1.6	.8	-
Rhea	34.7	9.6	22.9	2.2	-
Roane	40.9	34.2	5.8	.9	-
Robertson	.3	.3	-		-
Rutherford	5.1	.2	3.1	1.5	.3
Scott	107.0	70.2	36.8		-
Sequatchie	33.8	11.3	16.3	6.2	-
Sevier	50.8	22.2	23.0	5.6	-
Shelby	1.7	1.1		.6	-
Smith	1.4		1.4		-
Stewart	5.8	5.8	-		-
Sullivan	18.7	15.7	1.9	1.1	-
Sumner	1.1		.6	.5	-
Tipton	.6			.6	-
Trousdale	1.5		.7	.8	-
Unicoi	27.4	24.9	.5	2.0	-
Union	23.9	14.3	6.6	3.0	-
Van Buren	26.5	11.4	14.2	.9	-
Warren	.9	.9			-
Washington	18.9	9.6	9.3		-
Wayne	47.5	10.8	36.7		-
Weakley	22.5	22.2	.3		-
White	6.5	-	5.5	1.0	-
Williamson	8.1	1.0	4.7	2.4	-
Wilson	17.5	4.9	10.2	2.4	-
All counties	2,405.5	1,247.5	976.2	181.3	.5

Table 18.--*Growing-stock volume of hardwoods on commercial foreet land by stand-size class,* 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million cubic feet		
Anderson	122.3	68.9	42.5	10.9	
Bedford	39.0	15.0	16.5	7.5	-
Benton	*98.7*	51.8	40.4	4.7	1.8
Bledsoe	62.0	16.4	40.6	5:o	
Blount	104.3	*74.3*	23.8	6.2	
Bradley	51.2	*27.7*	23.5		
Campbell	202.7	143.5	49.1	10.1	
Cannon	63.1	36.1	20.3	6.0	.7
Carroll	142.9	*47.8*	83.6	11.5	-
Carter	*179.8*	129.0	44.7	3.6	2.5
Cheatham	81.5	*47.9*	*27.3*	6.3	
Chester	54.7	18.4	*28.7*	*7.6*	
Claiborne	142.2	*73.9*	54.1	14.2	
Clay	56.4	8.1	48.3	-	
Cocke	*157.7*	104.4	50.5	2.8	
Coffee	128.2	91.1	31.9	5.2	
Crockett	50.8	50.8			
Cumberland	252.2	132.1	102.4	*17.7*	
Davidson	63.1	36.8	22.7	3.6	
Decatur	143.7	92.0	50.0	*1.7*	
De Kalb	58.9	*38.7*	18.9	1.3	
Dickson	143.4	62.5	*73.4*	*7.5*	
Dyer	59.2	59.2			
Fayette	96.2	42.6	48.3	5.3	
Fentress	183.3	82.4	94.0	6.9	
Franklin	169.0	116.1	*48.7*	4.2	
Gibson	*JO.4*	46.4	24.0		
Giles	*JJ.7*	*39.7*	*27.7*	10.3	
Grainger	*91.7*	58.4	30.8	2.5	
Greene	117.5	*75.0*	35.5	*7.0*	
Grundy	144.3	*53.9*	63.9	26.5	
Hamblen	19.0	13.9	4.1	1.0	
Hamilton	110.3	*74.7*	33.1	2.5	
Hancock	*73.8*	41.6	19.0	13.2	
Hardeman	191.2	118.5	60.4	12.3	
Hardin	153.0	*78.3*	60.4	14.3	
Hawkins	155.3	65.0	82.4	*7.9*	
Haywood	106.4	94.5	9.0	*2.9*	
Henderson	150.8	83.1	*57.1*	10.6	
Henry	170.1	102.2	61.1	6.8	
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	
Jackson	109.9	*67.4*	31.5	11.0	
Jefferson	48.6	45.6		3.0	
Johnson	119.9	*55.7*	59.1	5.1	
Knox	95.6	*76.5*	16.1	3.0	
Lake	29.8	*29.8*	-		
Lauderdale	*127.2*	115.3	11.9		
Lawrence	126.2	58.9	62.6	*4.7*	

Table 18.--*Growing-stock volume of hardwoods on commercial forest* tand *by stand-size class, 1980 (Continued)*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
	Million cubic feet				
Lewis	116.5	33.0	79.2	4.3	-
Lincoln	59.7	21.3	33.7	3.7	-
Loudon	36.3	29.8	6.5		-
McMinn	73.7	40.7	32.8	.2	-
McNairy	98.9	27.5	61.3	10.1	-
Macon	61.4	38.8	16.5	6.1	-
Madison	143.9	79.8	59.5	4.6	-
Marion	163.1	110.1	44.2	8.8	-
Marshall	33.0	23.0	5.2	4.3	.5
Maury	84.1	35.7	41.3	7.1	-
Meigs	47.7	19.8	24.9	3.0	-
Monroe	172.7	93.3	56.9	22.5	-
Montgomery	60.7	12.8	41.6	6.3	-
Moore	27.9	15.3	12.6		-
Morgan	179.1	108.0	44.4	26.7	-
Obion	161.3	129.1	32.2		-
Overton	193.6	108.9	77.2	7.5	-
Perry	193.0	85.4	92.7	14.9	-
Pickett	66.0	39.4	26.2	.4	-
Polk	99.2	41.0	44.7	13.5	-
Putnam	127.9	87.3	34.1	6.5	-
Rhea	80.7	44.2	28.0	8.5	-
Roane	128.0	91.8	22.8	13.4	-
Robert-n	46.2	32.8	11.2	2.2	-
Rutherford	30.8	5.7	18.9	5.9	.3
Scott	267.7	128.2	139.5		-
Sequatchie	67.1	20.0	40.5	6.6	-
Sevier	90.2	54.5	23.0	12.7	-
Shelby	77.0	47.9	20.1	9.0	-
Smith	57.3	22.5	31.6	3.2	-
Stewart	199.5	135.6	59.1	4.8	-
Sullivan	94.9	47.8	39.3	7.8	-
Sumner	51.0	38.9	8.6	3.5	-
Tipton	93.3	88.7		4.6	-
Trousdale	11.4		8.2	3.2	-
Unicoi	104.7	71.5	22.0	11.2	-
Union	92.4	73.6	16.8	2.0	-
Van Buren	75.4	40.1	22.7	12.6	-
Warren	102.4	73.2	29.2		-
Washington	53.8	25.1	25.3	3.4	-
Wayne	327.6	97.5	225.9	4.2	-
Weakley	126.8	102.1	21.0	3.7	-
White	116.4	77.3	38.8	.3	-
Williamson	87.4	47.8	38.6	1.0	-
Wilson	43.5	5.4	32.3	5.8	
All counties	10,399.7	5,878.5	3,914.1	601.3	5.8

Table 19.--*Sawtimber* votwne *of softwoods on* commerciat *forest land by stand-size class,* 1980

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million boardfeet		
Anderson	113.3	113.3		-	-
Bedford	2.9	1.5		1.4	-
Benton	6.7		4.1	2.6	-
Bledsoe	94.7	57.8	32.4	4.5	-
Blount	383:0	356.9	26.1		-
Bradley	221.5		221.5	-	-
Campbell	130.1	78.3	30.3	21.5	-
Cannon	-	-		-	-
Carroll	71.7	61.1	5.8	4.8	-
Carter	184.8	176.0	8.8		-
Cheatham	6.6	6.6			-
Chester	145.3	134.2	5.9	5.2	-
Claiborne	64.6	35.0		29.6	-
Clay	9.5	9.5			-
Cocke	189.1	112.6	47.8	28.7	-
Coffee					-
Crockett					-
Cumberland	352.4	278.0	74.4	-	-
Davidson	2.8			2.8	-
Decatur	43.7	4.6	39.1	"	-
De Kalb	5.8		5.8		-
Dickson					-
Dyer	-				-
Fayette	14.3	5.1	9.2		-
Fentress	338.0	188.2	123.6	26.2	-
Franklin	2.7	1.3	1.4		-
Gibson	-	-			-
Giles	1.8	1.8	-		-
Grainger	39.3	21.5	17.8		-
Greene	80.4	38.7	41.7		-
Grundy	60.3	34.4	21.1	4.8	-
Hamblen	12.1		12.1		-
Hamilton	301.6	202.1	86.4	13.1	-
Hancock	10.2	10.2		-	-
Hardeman	134.6	115.7	16.0	2.9	-
Hardin	182.5	132.8	44.7	5.0	-
Hawkins	51.7	10.0	39.7	2.0	-
Haywood					-
Henderson	84.8	56.2	19.7	8.9	-
Henry		"			-
Hickman	27.1	23.8	3.3		-
Houston	"				-
Humphreys	6.8	6.8			-
Jackson	8.6	5.8	1.9	.9	-
Jefferson	43.8	34.6		9.2	-
Johnson	73.1	43.8	10.0	19.3	-
Knox	60.4	7.5	21.8	31.1	-
Lake	108.3	108.3			-
Lauderdale	129.0	129.0			-
Lawrence	5.2	1.8	3.4		-

Table 19.--*Sawtimber volume of softwoods on commercial forest land by stand-size class,* 1980 *(Continued)*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
			Million board feet		
Lewis	4.0		4.0		-
Lincoln	2.4		2.4		-
Loudon	69.5.	45.5	17.4	6.6	-
McMinn	199.6	120.8	71.0	7.8	-
McNairy	223.2	150.3	71.2	1.7	-
Macon					-
Madison	10.8		3.5	7.3	-
Marion	133.6	104.4	21.4	7.8	-
Marshall	2.5	1.2	1.3		-
Maury					-
Meigs	107.8	39.0	68.8	-	-
Monroe	625.5	387.9	200.4	37.2	-
Montgomery	1.5		1.5		-
Moore	7.4	6.2	1.2		-
Morgan	179.6	117.6	43.9	la. 1	-
Obion	114.0	106.8		7.2	-
Overton	100.1	96.8	3.3		-
Perry	3.4		3.4	-	-
Pickett	20.2		17.5	2.7	-
Polk	625.6	415.0	191.6	19.0	-
Putnam	46.2	38.7	3.1	4.4	-
Rhea	79.2	35.9	38.5	4.8	-
Roane	127.9	112.2	10.7	5.0	-
Robertson	1.2	1.2			-
Rutherford					-
Scott	351.8	258.3	93.5		-
Sequatchie	101.8	47.3	33.2	21.3	-
Sevier	137.8	72.6	48.0	17.2	-
Shelby	6.3	4.2		2.1	-
Smith					-
Stewart	22.8	22.8	-	-	-
Sullivan	71.6	64.9	4.2	2.5	-
Sumner					-
Tipton					-
Trousdale					-
Unicoi	109.5	100.5		9.0	-
Union	44.6	40.5	-	4.1	-
Van Buren	65.8	45.0	19.6	1.2	-
Warren	2.8	2.8			-
Washington	69.2	48.0	21.2		-
Wayne	113.5	31.3	82.2		-
Weakley	49.2	49.2			-
White	9.1		7.8	1.3	-
Williamson	15.0	4.9	6.4	3.7	-
Wilson	23.2	13.1	10.1		-
All counties	7,684.3	5,189.7	2,078.1	416.5	

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

County	All classes	Sawtimber	Poletimber	Sapling and	Nonstocked areas
	Million board feet				
Anderson	424.8	288.9	109.5	26.4	
Bedford	112.5	64.6	25.2	22.7	
Benton	243.9	166.5	69.4	6.0	2.0
Bledsoe	129.5	51.3	68.3	9.9	
Blount	338.1	288.8	30.1	19.2	
Bradley	131.5	101.7	29.8		
Campbell	655.0	539.3	86.4	29.3	
Cannon	184.8	131.1	40.7	11.7	1.3
Carroll	360.3	198.1	145.9	16.3	
Carter	549.1	450.2	al.9	8.2	8.8
Cheatham	214.1	163.0	44.0	7.7	
Chester	123.7	47.5	61.9	14.3	
Claiborne	462.2	316.9	124.5	20.8	
Clay	130.7	40.4	90.3		
Cocke	467.1	406.1	57.4	3.6	
Coffee	404.4	339.5	56.0	8.9	
Crockett	276.3	276.3			
Cumberland	714.3	459.7	199.6	55.0	
Davidson	237.4	179.2	50.3	7.9	
Decatur	444.9	344.8	100.1		
De Kalb	179.7	152.9	26.8		
Dickson	400.0	241.4	138.4	20.2	
Dyer	245.0	245.0		-	
Fayette	300.8	165.2	113.2	22.4	
Fentress	458.7	305.7	142.7	10.3	
Franklin	611.2	489.8	116.4	5.0	
Gibson	217.4	137.9	79.5		
Giles	181.8	138.3	26.9	16.6	
Grainger	293.1	232.3	56.5	4.3	
Greene	397.9	313.4	60.7	23.8	
Grundy	420.7	211.4	147.8	61.5	
Hamblen	95.3	76.6	14.9	3.8	
Hamilton	384.7	312.4	67.8	4.5	
Hancock	224.4	163.8	17.6	43.0	
Hardeman	596.5	451.3	118.6	26.6	
Hardin	394.3	268.9	100.2	25.2	
Hawkins	387.1	275.3	100.0	11.8	
Haywood	464.8	428.2	27.9	8.7	
Henderson	432.9	286.3	115.9	30.7	
Henry	521.4	382.4	125.6	13.4	
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	
Jackson	385.4	294.7	70.2	20.5	
Jefferson	205.1	192.2		12.9	
Johnson	307.5	217.9	79.4	10.2	
Knox	396.4	363.6	32.8		
Lake	128.6	128.6	-		
Lauderdale	625.4	605.1	20.3		
Lawrence	339.5	223.0	116.5		

Table 20.--*Sawtimber volume of hardwoods on commercial forest land by stand-size class, 1980 (Continued)*

County	All classes	Sawtimber	Poletimber	Sapling and seedling	Nonstocked areas
	Million board feet				
Lewis	232.5	117.1	108.8	6.6	
Lincoln	131.5	64.0	61.5	6.0	
Loudon	154.1	131.6	22.5		
McMinn	225.9	161.2	64.7	-	
McNairy	236.4	111.96	104.2	20.3	
Macon	167.0	118.3	32.3	16.4	
Madison	449.6	309.2	127.5	12.9	
Marion	549.6	438.8	92.0	18.8	
Marshall	118.1	101.1	9.7	7.3	
Maury	210.1	141.5	51.2	17.4	
Meigs	89.9	52.8	31.3	5.8	
Monroe	553.5	385.6	111.6	56.3	
Montgomery	154.1	50.3	85.7	18.1	
Moore	102.0	71.0	31.0		
Morgan	515.8	398.3	79.1	38.4	
Obion	630.5	548.4	82.1		
Overton	566.8	387.0	167.0	12.8	
Perry	436.0	260.7	165.6	9.7	
Pickett	222.2	168.1	54.1	-	
Polk	232.0	125.7	73.7	32.6	
Putnam	390.4	317.0	48.8	24.6	
Rhea	206.6	157.2	41.6	7.8	
Roane	351.8	308.9	12.1	30.8	
Robertson	165.2	133.7	28.0	3.5	
Rutherford	51.7	17.8	23.3	9.0	1.6
Scott	711.5	459.7	251.8		
Sequatchie	177.2	85.2	87.2	4.8	
Sevier	299.8	234.0	28.2	37.6	
Shelby	299.8	234.0	28.2	37.6	
Smith	209.	170.2	17.1	21.8	
Stewart	664.2	518.4	133.1	12.7	
Sullivan	238.6	148.5	71.5	18.6	
Sumner	144.2	111.3	16.5	16.4	
Tipton	411.7	400.0		11.7	
Trousdale	19.8		16.5	3.3	
Unicoi	293.4	252.7	32.3	8.4	
Union	330.0	279.7	45.5	4.8	
Van Buren	264.4	173.4	56.3	34.7	
Warren	335.1	281.3	53.8		
Washington	160.5	115.1	32.6	12.8	
Wayne	722.6	332.6	379.6	10.4	
Weakley	491.1	422.5	57.1	11.5	
White	432.6	338.3	94.3		
Williamson	263.8	184.0	79.8		
Wilson	101.5	23.8	65.1	12.6	
All counties	31,213.0	22,814.2	7,128.7	1,256.4	13.7

Table 21.--*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						
Anderson	153.9	24.4	54.6	7.2	67.7		
Bedford	41.3	.3	.a	1.7	33.7	.3	i.5
Benton	102.0	3.1	1.2	0.2	91.2		6.3
Bledsoe	93.9	28.2	35.2	3.7	26.8		
Blount	195.2	90.9	104.3				
Bradley	139.5	84.7	ll.2	3.6	40.0		
Campbell	245.3	41.7	68.3	.9	134.4		
Cannon	66.3			3.2	63.1		-
Carroll	160.6	17.1	45.7	.6	65.8		31.4
Carter	222.2	40.8	54.4	1.6	125.4		
Cheatham	84.2		6.6	1.8	74.9		
Chester	88.9	33::	25.6	.5	22.2		6.9
Claiborne	158.9	12.4	109.7	4.3	32.5		
Clay	58.7	1.0	3.8	1.3	52.6		
Cocke	206.0	48.3	64.2		87.9		5.6
Coffee	128.2				114.1		14.1
Crockett	50.8				50.8		
Cumberland	353.4	96.2	141.2	5.0	111.0		
Davidson	64.6		-	1.5	63.1		
Decatur	159.8	14.8	24.4	1.3	110.9		8.4
De Kalb	64.1	3.0	4.2	2.2	47.7		7.0
Dickson	143.6			.2	143.4		
Dyer	59.2	-			11.0		48.2
Fayette	107.8	7.8	20.6	3.8	56.9		18.7
Fentress	283.0	75.9	93.5	23.8	83.4		6.4
Franklin	172.8		2.7	3.8	166.3		-
Gibson	70.4		-		64.1		6.3
Giles	79.2	.a	7.7	.7	68.8		1.2
Grainger	loa. 6	16.9	67.5	-	24.2		
Greene	146.2	27.7	38.6	1.0	78.9		
Grundy	174.7	28.3	75.2	2.1	69.1		
Hamblen	26.4	-	la.0	7.4	1.0		
Hamilton	196.0	84.8	95.2	.9	15.1		
Hancock	76.3	2.5	59.5		14.3		
Hardeman	227.6	32.9	34.0	.4	101.1	3.1	56.1
Hardin	213.5	58.1	56.0	1.1	60.1	1.3	36.9
Hawkins	175.4	19.8	91.7	.3	63.6		
Haywood	106.4						105.4
Henderson	185.0	30.1	2i.6	4.1	114.9		14.3
Henry	171.0			.9	128.3		41.8
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		
Jackson	116.3			6.4	109.9		
Jefferson	67.1	15.2	3.7	3.3	44.9		
Johnson	138.9	17.5	81.8	1.5	38.1		
Knox	119.1	23.5	44.3		51.3	-	
Lake	47.7				-	17.9	29.8
Lauderdale	148.0				19.8	20.8	107.4
Lawrence	129.6	3.4	10.6		109.7		5.9

Table 21.--*Growing-stock volume on commercial forest land by physiographic site class and* speciea *group,* 1980 *(Continued)*

County	All sites	Pine		Upland hardwood		Bottomland hardwood	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
	Million cubic feet						
Lewis	117.6	1.1	36.7		74.0		5.8
Lincoln	66.3	3.9	8.3	3.7	49.1		1.3
Loudon	66.2	29.9	36.3				
McMinn	150.0	76.3	66.1		7.6		
McNairy	159.4	58.9	35.2	.2	47.9	1.4	15.8
Macon	61.4				61.4		
Madison	147.9	.1	2.7	3.9	95.1		46.1
Marion	195.2	25.8	96.7	6.3	66.4		
Marshall	37.4	1.3	.1	3.1	32.9		
Maury	84.5	.1	.4	.3	83.7		
Meigs	100.3	52.6	47.7				
Monroe	367.1	192.1	113.2	2.3	59.5		
Montgomery	62.8	.a	.7	1.3	57.0		3.0
Moore	30.2		-	2.3	27.9		
Morgan	226.5	43.0	115.7	4.4	63.4		
Obion	180.1				88.2	18.8	73.1
Overton	215.7	21.0	39.3	1.1	154.3		
Perry	197.5			4.5	188.7	-	4.3
Pickett	72.6	2.0	6.0	.2	56.4	4.4	3.6
Polk	277.4	177.1	90.5	1.1	8.7		
Putnam	140.6	11.1	38.3	1.6	89.6		
Rhea	115.4	32.8	38.4	1.9	42.3	-	-
Roane	168.9	35.7	98.1	4.1	16.1	1.1	13.8
Robertson	46.5			.3	46.2		
Rutherford	35.9	.2	2.0	4.9	28.8		
Scott	374.7	103.8	133.8	3.2	131.6		2.3
Sequatchie	100.9	33.8	61.1	-	6.0		
Sevier	141.0	49.3	56.6	1.5	33.6		
Shelby	78.7			.6	30.5	1.1	46.5
Smith	58.7			1.4	57.3		
Stewart	205.3			5.8	199.5		
Sullivan	113.6	la.4	35.0		58.9		
Sumner	52.1			1::	51.0		
Tipton	93.9			.6	77.6		15.7
Trousdale	12.9			1.5	11.4		
Unicoi	132.1	25.4	53.2	2.0	51.5		
Union	116.3	23.9	86.9		5.5		
Van Buren	101.9	26.1	23.8	.4	51.6		-
Warren	103.3		-	.9	97.6		4.8
Washington	72.7	la.9	31.5		22.3		
Wayne	375.1	47.1	105.2	.4	219.9		2.5
Weakley	149.3	19.9	.8	.3	40.9	2.3	85.1
White	122.9	5.8	3.2	.7	104.0		9.2
Williamson	95.5			8.1	85.8		1.6
Wilson	61.0	5.5	2.9	12.0	40.6	-	
All counties	2,805.2	2,141.3	3,063.3	191.7	6,438.3	72.5	898.1

Table 22.--*Growing-stock volume of softwoods on commercial forest land by class of timber and tree section, 1080*

County	All classes	Poletimber	Sawtimber		
			Total	Sawlog	Upper stem
	Million cubic feet				
Anderson	31.6	7.6	24.0	20.8	3.2
Bedford	2.3	1.6	.7	.5	.2
Benton	3.3	1.5	1.8	1.4	.4
Bledsoe	31.9	12.2	19.7	17.4	2.3
Blount	90.9	19.3	71.6	65.3	6.3
Bradley	88.3	41.9	46.4	40.8	5.6
Campbell	42.6	16.0	26.6	23.2	3.4
Cannon	3.2	3.2			
Carroll	17.7	4.4	13.3	12.2	1.1
Carter	42.4	8.9	33.5	31.2	2.3
Cheatham	2.7	1.2	1.5	1.2	.3
Chester	34.2	6.6	27.6	24.8	2.8
Claiborne	16.7	3.3	13.4	11.3	2.1
Clay	2.3	.6	1.7	1.6	.1
Cocke	48.3	11.9	36.4	33.1	3.3
Coffee					
Crockett	-				-
Cumberland	101.2	29.8	71.4	64.2	7.2
Davidson	1.5		.6	.6	-
Decatur	16.1	5::	10.4	8.4	2.0
De Kalb	5.2	3.8	1.4	1.2	.2
Dickson	.2	.2			
Dyer	-			-	
Fayette	11.6	8.0	3.6	3.0	.6
Fentress	99.7	35.2	64.5	57.5	7.0
Franklin	3.8	3.2	.6	.6	
Gibson		-			
Giles	i.5	1.0	.5	.3	.2
Grainger	16.9	8.9	8.0	7.0	1.0
Greene	28.7	12.5	16.2	14.6	1.6
Grundy	30.4	17.9	12.5	10.9	1.6
Hamblen	7.4	4.6	2.8	2.3	.5
Hamilton	85.7	24.2	61.5	54.3	7.2
Hancock	2.5	.6	1.9	1.8	.1
Hardeman	36.4	9.1	27.3	23.3	4.0
Hardin	60.5	23.2	31.3	32.0	5.3
Hawkins	20.1	8.9	11.2	9.4	1.8
Haywood					
Henderson	34.2	17.9	16.3	14.6	1.7
Henry	.9	.9			
Hickman	9.8	4.1	5.7	4.9	.8
Houston	-		-	-	
Humphreys	2.2	.6	1.6	1.3	.3
Jackson	6.4	4.3	2.1	1.7	.4
Jefferson	18.5	8.4	10.1	8.3	1.8
Johnson	19.0	2.6	16.4	13.9	2.5
Knox	23.5	10.9	12.6	11.5	1.1
Lake	17.9		17.9	17.0	.9
Lauderdale	20.8	-	20.8	19.8	1.0
Lawrence	3.4	2.2	1.2	1.0	.2
Lewis	1.1	.5	.6	.6	
Lincoln	7.6	6.9	.7	.5	.2
Loudon	29.9	14.3	15.6	12.8	2.8
McMinn	76.3	35.1	41.2	36.0	5.2
McNairy	60.5	20.5	40.0	36.7	3.3
Macon		-	-	-	
Madison	4.0	1.5	2.5	2.2	
Marion	32.1	7.4	24.7	22.6	2::
Marshall	4.4	3.8	.6	.5	.1
Maury	.4	.4			
Meigs	52.6	29.4	23.2	20.3	2.9
Monroe	194.4	71.5	122.9	107.4	15.5
Montgomery	2.1	1.7	.4	.3	.1
Moore	2.3	.7	1.6		.4
Morgan	47.4	12.0	35.4	3:::	3.7
Obion	18.8	-	18.8	17.2	1.6
Overton	22.1	2.5	19.6	17.6	2.0
Perry	4.5	3.7	.a	.7	.1
Pickett	6.6	2.4		3.7	
Polk	178.2	61.2	11 %	105.1	11:;
Putnam	12.7	3.5	9.2	7.8	1.4
Rhea	34.7	18.2	16.5	13.8	2.7
Roane	40.9	13.8	27.1	23.4	3.7
Robertson	.3	-	.3	.3	
Rutherford	5.1	5.1			
Scott	107.0	35.2	71.8	62.3	9.5
Sequatchie	33.8	12.1	21.7	18.8	2.9
Sevier	50.8	21.9	28.9	25.5	3.4
Shelby	1.7	.2	1.5	1.1	.4
Smith	1.4	1.4			
Stewart	5.8	1.1	4.7	4.3	.4
Sullivan	18.7	3.9	14.8	13.1	1.7
Sumner	1.1	1.1			
Tipton	.6				
Trousdale	1.5	1::			
Unicoi	27.4	3.8	23.6	19.8	3.8
Union	23.9	12.7	11.2	9.1	2.1
Van Buren	26.5	12.9	13.6	12.0	1.6
Warren	.9	.4		.5	-
Washington	18.9	5.2	13::	12.3	1.4
Wayne	47.5	22.0	25.5	21.6	3.9
Weakley	22.5	9.2	13.3	10.6	2.7
White	6.5	4.3	2.2	2.0	.2
Williamson	8.1		3.4	2.9	.5
Wilson	17.5	12::	5.2	4.7	.5
All counties	2,405.5	872.4	1.533.1	1.353.2	179.9

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

County	All classes	Poletimber	Sawtimber		
			Total	Sawlog	Upper stem
	Million cubic feet				
Anderson	122.3	43.6	78.7	69.2	9.5
Bedford	39.0	16.0	23.0	18.9	4.1
Benton	98.7	46.0	52.7	41.5	11.2
Bledsoe	62.0	31.7	30.3	21.9	8.4
Blount	104.3	43.0	61.3	51.9	9.4
Bradley	51.2	25.6	25.6	22.3	3.3
Campbell	202.7	71.7	131.0	106.0	25.0
Cannon	63.1	23.4	39.7	30.5	9.2
Carroll	142.9	67.2	75.7	59.7	16.0
Carter	179.8	66.2	113.6	88.5	25.1
Cheatham	81.5	35.2	46.3	36.2	10.1
Chester	54.7	29.7	25.0	21.1	3.9
Claiborne	142.2	50.6	91.6	76.3	15.3
Clay	56.4	33.2	23.2	21.2	2.0
Cocke	157.7	66.6	91.1	73.7	17.4
Coffee	128.2	44.4	83.8	69.2	14.6
Crockett	50.8	5.0	45.8	40.8	5.0
Cumberland	252.2	106.6	145.6	119.4	26.2
Davidson	63.1	21.6	41.5	35.7	5.8
Decatur	143.7	53.1	90.6	74.9	15.7
De Kalb	58.9	22.6	36.3	29.4	6.9
Dickson	143.4	63.2	80.2	66.3	13.9
Dyer	59.2	9.3	49.9	41.5	8.4
Fayette	96.2	36.0	60.2	50.2	10.0
Fentress	183.3	89.1	94.2	74.4	19.8
Franklin	169.0	53.4	115.6	97.4	18.2
Gibson	70.4	23.1	47.3	36.9	10.4
Giles	77.7	39.2	38.5	29.6	8.9
Grainger	91.7	31.5	60.2	47.3	12.9
Greene	117.5	46.6	70.9	62.0	8.9
Grundy	144.3	64.3	80.0	69.8	10.2
Hamblen	19.0	4.2	14.8	10.6	4.2
Hamilton	110.3	33.4	76.9	65.4	11.5
Hancock	73.8	30.9	42.9	35.1	7.8
Hardeman	191.2	74.6	116.6	97.6	19.0
Hardin	153.0	67.3	85.7	67.8	17.9
Hawkins	155.3	82.5	72.8	61.1	11.7
Haywood	106.4	25.0	81.4	71.3	10.1
Henderson	150.8	61.7	89.1	71.9	17.2
Henry	170.1	64.8	105.3	86.3	19.0
Hickman	294.2	144.2	150.0	122.2	27.8
Houston	67.8	28.6	39.2	30.7	8.5
Humphreys	218.3	106.2	112.1	89.8	22.3
Jackson	109.9	41.2	68.7	59.8	8.9
Jefferson	48.6	12.6	36.0	30.1	5.9
Johnson	119.9	58.8	61.1	46.0	15.1
Knox	95.6	23.1	72.5	62.6	
Lake	29.8	5.9	23.9	21.2	2::
Lauderdale	127.2	18.0	109.2	97.3	11.9
Lawrence	126.2	56.2	70.0	57.4	12.6
Lewis	116.5	68.0	48.5	37.7	10.8
Lincoln	58.7	29.8	28.9	20.9	8.0
Loudon	36.3	6.7	29.6	23.8	5.8
McMinn	73.7	29.0	44.7	34.8	9.9
McNairy	98.9	51.7	47.2	38.9	8.3
Macon	61.4	27.1	34.3	26.6	7.7
Madison	143.9	57.1	86.8	74.3	12.5
Marion	163.1	54.7	108.4	90.8	17.6
Marshall	33.0	9.1	23.9	19.7	4.2
Maury	84.1	39.8	44.3	34.6	9.7
Meigs	47.7	26.8	20.9	15.1	5.8
Monroe	172.7	70.2	102.5	80.9	21.6
Montgomery	60.7	27.3	33.4	26.8	6.6
Moore	27.9	7.4	20.5	17.1	3.4
Morgan	179.1	70.8	108.3	83.7	24.6
Obion	161.3	41.8	119.5	100.3	19.2
Overton	193.6	81.9	111.7	92.5	19.2
Perry	193.0	101.1	91.9	73.6	18.3
Pickett	66.0	25.2	40.8	33.9	6.9
Polk	99.2	51.7	47.5	36.5	11.0
Putnam	127.9	46.2	81.7	63.2	18.5
Rhea	80.7	39.4	41.3	33.0	8.3
Roane	128.0	55.9	72.1	60.3	11.8
Robertson	46.2	11.5	34.7	27.0	7.7
Rutherford	30.8	19.1	11.7	8.8	2.9
Scott	267.7	127.2	140.5	115.6	24.9
Sequatchie	67.1	32.7	34.4	29.6	4.8
Sevier	90.2	34.2	56.0	48.1	7.9
Shelby	77.0	26.7	50.3	41.9	8.4
Smith	57.3	33.8	23.5	19.6	3.9
Stewart	199.5	67.2	132.3	loa.9	23.4
Sullivan	94.9	40.6	54.3	42.0	12.3
Sumner	51.0	20.2	30.8	24.2	6.6
Tipton	93.3	15.9	77.4	65.2	12.2
Trousdale	11.4	6.9	4.5	3.5	1.0
Jnicoi	104.7	45.9	58.8	47.4	11.4
Jnion	92.4	26.8	65.6	51.7	13.9
Van Buren	75.4	25.9	49.5	42.9	6.6
Warren	102.4	34.4	68.0	56.9	11.1
Washington	53.8	21.1	32.7	25.6	7.1
Wayne	327.6	177.8	149.8	121.2	28.6
Weakley	126.8	36.3	90.5	77.2	13.3
White	116.4	37.8	78.6	68.1	10.5
Williamson	87.4	33.8	53.6	44.5	9.1
Wilson	43.5	21.7	21.8	16.2	5.6
All counties	10,399.7	4,214.1	6,185.6	5,073.0	1,112.6

Table 24. --*Volume* of *timber on commercial forest land by class* of *timber and species group, 1980*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwooa	Hardwood	Softwood	Hardwood
	Million cubic feet						
Anderson	169.8	31.6	122.3	-	8.9		7.0
Bedford	56.1	2.3	39.0	2.6	7.7	.1	4.4
Benton	115.8	3.3	98.7	.2	10.0		3.6
Bledsoe	119.7	31.9	62.0		18.5	.6	6.6
Blount	208.4	90.9	104.3	2::	8.3		2.2
Bradley	150.2	88.3	51.2	-	8.3		2.4
Campbell	279.9	42.6	202.7	1.9	16.2		16.5
Cannon	86.7	3.2	63.1	1.2	15.9		3.3
Carroll	193.3	17.7	142.9	.2	22.6		9.9
Carter	302.3	42.4	179.8	4.2	60.4	.9	14.6
Cheatham	108.2	2.7	81.5	.9	9.9	.3	12.9
Chester	102.4	34.2	54.7	1.4	8.2		3.9
Claiborne	179.4	16.7	142.2	2.1	13.6		4.8
Clay	75.9	2.3	56.4	.3	6.9		10.0
Cocke	232.5	48.3	157.7	1.7	17.5		7.3
Coffee	153.2		128.2		19.0		6.0
Crockett	50.8		50.8				
Cumberland	396.0	101.2	252.2	2.4	29.8	.3	10.1
Davidson	80.4	1.5	63.1	.2	7.5		8.2
Decatur	178.7	16.1	143.7	.3	12.8	.3	5.5
De Kalb	77.2	5.2	58.9	.7	8.8	.4	3.2
Dickson	176.9	.2	143.4	.2	16.4		16.7
Dyer	82.8		59.2		14.6		9.0
Fayette	135.0	1i.6	96.2	.5	18.6	.3	7.8
Fentress	313.3	99.7	183.3	4.5	12.1	.7	13.0
Franklin	215.3	3.8	169.0	.7	25.2		16.6
Gibson	81.0		70.4		3.4		7.2
Giles	97.3	1.5	77.7		13.2		4.9
Grainger	117.1	16.9	91.7		5.5		3.0
Greene	167.6	28.7	117.5	.2	14.6		6.6
Grundy	209.8	30.4	144.3	1.4	17.6	.2	15.9
Hamblen	31.1	7.4	19.0		4.2		.5
Hamilton	221.5	85.7	110.3		14.7		10.8
Hancock	103.5	2.5	73.8	.3	16.9		10.0
Hardeman	265.5	36.4	191.2	1.3	29.8	.2	6.6
Hardin	240.8	60.5	153.0	1.4	13.8	.3	11.8
Hawkins	201.3	20.1	155.3	2.1	17.3	.3	6.2
Haywood	127.0		106.4	-	16.6		4.0
Henderson	224.0	3i.2	150.8	1.3	26.2	.5	11.0
Henry	221.0	.9	170.1		34.6		15.4
Hickman	335.4	9.8	294.2	.8	22.3		8.3
Houston	79.5		67.8		8.5		3.2
Humphreys	261.6	2.2	218.3	.1	27.9		13.1
Jackson	148.9	6.4	109.9	.7	25.1		6.8
Jefferson	77.7	18.5	48.6	.2	10.0		.4
Johnson	175.1	19.0	119.9	-	26.5		9.7
Knox	131.0	23.5	95.6	1.9	5.7		4.3
Lake	59.0	17.9	29.8	-	8.0		3.3
Lauderdale	182.9	20.8	127.2	2.6	15.5	3.9	12.9
Lawrence	161.4	3.4	126.2	1	24.5		6.9

Table 24.--*Volume of timber on commercial forest land by class of timber and species group, 1980 (Continued)*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
	Million cubic feet						
Lewis	137.5	1.1	116.5	.7	10.9		8.3
Lincoln	90.4	7.6	58.7	.6	17.6		5.9
Loudon	72.4	29.9	36.3	1.2	3.5		1.5
McMinn	163.5	76.3	73.7	-	11.3		2.2
McNairy	188.3	60.5	98.9	1.2	23.6		4.1
Macon	77.8		61.4		11.1		5.3
Madison	187.4	4.0	143.9	.4	23.1		16.0
Marion	232.7	32.1	163.1	.2	15.5		21.8
Marshall	52.0	4.4	33.0	2.6	8.9		3.1
Maury	99.4	.4	84.1	.4	12.8		1.7
Meigs	108.5	52.6	47.7	.7	6.5		1.0
Monroe	399.7	194.4	172.7	2.3	21.4		8.9
Montgomery	77.6	2.1	60.7	.5	10.1	.2	4.0
Moore	35.0	2.3	27.9	.2	3.4		1.2
Morgan	275.3	47.4	179.1	.8	25.8	.6	21.6
Obion	237.9	18.8	161.3	2.6	34.8	3.7	16.7
Overton	255.6	22.1	193.6	.7	28.2	.8	10.2
Perry	223.5	4.5	193.0	.1	14.7		11.2
Pickett	89.2	6.6	66.0	1.0	7.0		8.6
Polk	301.0	178.2	99.2	1.2	19.5		2.9
Putnam	194.2	12.7	127.9	.2	19.3	1.1	33.0
Rhea	143.9	34.7	80.7	-	21.1		7.4
Roane	188.0	40.9	128.0	2.5	14.7		1.9
Robertson	61.8	.3	46.2		11.5		3.8
Rutherford	70.6	5.1	30.8	7.1	23.2	.5	3.9
Scott	439.0	107.0	267.7	1.6	32.5	.1	30.1
Sequatchie	112.0	33.8	67.1	.2	6.1	.9	3.9
Sevier	160.8	50.8	90.2	1.3	12.4	.1	6.0
Shelby	95.4	1.7	77.0	.3	10.3		6.1
Smith	73.3	1.4	57.3	.3	10.3		4.0
Stewart	242.2	5.8	199.5	.4	22.7	.5	13.3
Sullivan	132.8	18.7	94.9	.4	14.3		4.5
Sumner	65.8	1.1	51.0	.3	10.9		2.5
Tipton	116.3	.6	93.3		8.0		14.4
Trousdale	16.5	1.5	11.4	.6	2.9		.1
Unicoi	152.3	27.4	104.7	2.8	11.5		5.9
Union	125.6	23.9	92.4	1.1	7.2		1.0
Van Buren	116.9	26.5	75.4	.5	9.4		5.1
Warren	126.9	.9	102.4	.5	17.6		5.5
Washington	88.0	18.9	53.8	.5	9.7		5.1
Wayne	415.9	47.5	327.6		30.0		10.8
Weakley	211.0	22.5	126.8	1.5	30.2		30.0
White	158.3	6.5	116.4	.1	18.8	.2	16.3
Williamson	126.3	8.1	87.4	1.2	18.3	.3	11.0
Wilson	74.4	17.5	43.5	1.9	6.9	1.9	2.7
All counties	15,174.1	2,405.5	10,399.7	86.4	1,489.6	20.2	772.8

Table 25--*Periodic annual growth of growing etock and sawtimber on commercial forest land by species group, 19714980* [1/]

County	All species	Growing stock		All species	Sawtimber	
		Softwood	Hardwood		Softwood	Hardwood
	Million cubic feet			*Million board feet*		
Anderson	6.4	1.1	5.3	16.1	4.3	11.8
Bedford	1.8		1.7	4.9	-	4.9
Benton	4.9	.2	4.7	18.3	1.0	17.3
Bledsoe	4.1	1.2	2.9	14.1	6.0	8.1
Blount	4.9	2.9	2.1	21.0	17.2	3.8
Bradley	2.2	1.6	.6	7.1	6.0	1.1
Campbell	10.3	2.0	8.3	41.9	8.1	33.8
Cannon	1.6	.1	1.5	4.2		4.2
Carroll	11.5	1.9	9.6	41.2	5.1	35.2
Carter	9.5	1.4	8.1	31.2	9.2	22.0
Cheatham	1.0		1.0	3.7		3.7
Chester	7.5	2.4	5.1	24.8	10.8	13.3
Claiborne	5.1	.8	4.3	15.4	3.2	12.3
Clay	1.2	-	1.2	4.0	.1	3.8
Cocke	6.6	1.5	5.1	23.5	7.3	16.2
Coffee	3.3		3.3	12.2		12.2
Crockett	-		-			-
Cumberland	14.5	3.6	10.9	55.9	15.1	40.8
Davidson	1.7		1.7	8.8		8.8
Decatur	6.7	1.0	5.8	28.7	2.7	26.0
De Kalb	3.2	.3	2.9	'9.4	.5	8.9
Dickson	10.3		10.3	43.4		43.4
Dyer	1.4		1.4	8.6		8.6
Fayette	3.2	.1	3.1	8.0	.1	7.9
Fentress	11.7	3.9	7.7	39.6	17.8	21.8
Franklin	5.1	.2	4.9	20.7	.2	20.5
Gibson	2.7		2.7	11.6		11.6
Giles	6.5	.1	6.4	19.3		19.3
Grainger	3.6	.9	2.7	9.1	i.3	6.8
Greene	5.8	1.6	4.2	8.5	2.8	5.7
Grundy	5.8	.8	5.0	21.8	3.4	18.4
Hamblen	.1	.2	-		-	-
Hamilton	5.4	2.6	2.7	15.1	12.9	2.1
Hancock	2.4	.2	2.2	5.7	0.5	5.1
Hardeman	18.8	3.6	15.2	65.2	11.8	53.3
Hardin	9.5	2.3	7.2	34.0	8.3	25.7
Hawkins	7.2	1.0	6.2	15.2	3.2	12.0
Haywood	3.3		3.3	11.7		11.7
Henderson	14.7	3.2	11.5	48.7	11.3	37.4
Henry	4.1		4.1	15.8		15.8
Hickman	12.8	.6	12.2	41.5	1.6	39.9
Houston	3.5		3.5	12.5		12.5
Humphreys	9.8	.2	9.6	31.6	.3	31.2
Jackson	6.0	.6	5.4	21.3	1.0	20.2
Jefferson	2.9	.6	2.3	8.2	1.6	6.5
Johnson	4.9	1.3	3.7	15.5	3.9	11.6
Knox	3.9	.9	3.0	7.0	3.0	4.0
Lake	1.4		1.4	7.3		7.3
Lauderdale	2.3		2.3	8.4		8.4
Lawrence	5.9		5.9	19.4		19.4

Table 25--*Periodic annual growing stock and sawtimber on commercial foreet land by species group, 1971-1980* 1/ *(Continued)*

County	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Million cubic feet			*Million board feet*		
Lewis	5.0		5.0	16.2	.2	16.0
Lincoln	2.6	.3	2.3	5.3	.3	5.1
Loudon	4.2	2.2	2.0	7.5	5.2	2.3
McMinn	6.2	3.2	3.0	14.1	7.8	6.2
McNairy	12.8	4.0	8.8	47.3	19.6	27.7
Macon	3.6		3.6	16.0		16.0
Madison	4.6	.2	4.4	20.3	.4	19.8
Marion	5.1	1.1	4.0	29.0	7.4	21.6
Marshall	.9	.1	.8	5.2	.2	5.0
Maury	4.5		4.5	15.1		15.1
Meigs	4.1	1.8	2.4	9.3	6.3	2.9
Monroe	12.7	7.6	5.1	46.7	34.0	12.6
Montgomery	3.1	.1	3.0	11.4	.3	11.1
Moore	1.3	.1	1.2	5.6	.4	5.2
Morgan	7.5	1.7	5.7	30.4	8.5	21.9
Obion	2.2		2.2	10.1		10.1
Overton	8.5	.7	7.9	31.0	3.9	27.1
Perry	9.0	.2	8.8	29.2	.1	29.2
Pickett	2.7	.2	2.5	13.2	.9	12.3
Polk	12.7	7.9	4.8	30.5	29.1	1.3
Putnam	6.4	.5	6.0	24.1	1.9	22.2
Rhea	4.6	1.0	3.7	9.2	2.5	6.7
Roane	7.2	1.5	5.6	9.7	5.0	4.7
Robertson	1.2		1.2	4.3		4.3
Rutherford	1.8	.2	1.6	3.1		3.1
Scott	12.3	3.3	9.0	44.1	13.9	30.2
Sequatchie	3.5	1.4	2.1	11.0	3.1	7.8
Sevier	4.9	2.0	2.9	5.8	3.3	2.5
Shelby	3.2	.2	3.0	9.6	.8	8.8
Smith	2.2	.1	2.2	7.2	.3	6.8
Stewart	7.2	.2	7.0	32.2		31.6
Sullivan	6.1	1.0	5.1	11.6	4::	6.9
Sumner	1.2	.1	1.0	6.5		6.5
Tipton	.9		.9	4.4		4.4
Trousdale	.2		.2	.6		.6
Unicoi	4.2	1.1	3.2	12.3	4.0	8.3
Union	5.7	1.3	4.4	10.5	3.7	6.9
Van Buren	4.9	1.2	3.6	19.2	4.3	15.0
Warren	4.1		4.1	14.0		14.0
Washington	3.1	.5	2.6	6.7	2::	4.4
Wayne	15.9	2.4	13.5	48.3	7.6	40.7
Weakley	1.8	.1	1.7	11.1	.3	10.8
White	4.4	.1	4.4	18.2	.1	18.1
Williamson	7.2	.6	6.5	28.1	2.1	26.0
Wilson	1.1	.2	1.0	3.3		3.3
All counties	511.4	96.7	414.6	1,708.5	369.2	1,339.2

1/ Totals may not add due to rounding.

Table 26. --*Periodic annual timber removal of growing stock* and *sawtimber on commercial forest land by species group,* 1971-1 980 1/

County	All species	Growing stock		All species	Sawtimber	
		Softwood	Hardwood		Softwood	Hardwood
	- - - - *Million cubic* **feet** - - - -			- - - - *Million board* **feet** - - - -		
Anderson						
Bedford	.3	.2		.4	-	.4
Benton	4.0	.4	3::	17.2	1.7	15.4
Bledsoe	3.3	.4	2.9	11.1	1.8	9.3
Blount						
Bradley	1.4	1.0	.4	1.6	1.0	.5
Campbell	4.4	1.1	3.3	21.3	5.1	16.2
Cannon	.9		.9	3.0		3.0
Carroll	8.5	.3	8.2	36.3	.1	36.3
Carter	2.4	1.1	1.3	9.8	5.4	4.4
Cheatham	-					
Chester	4.0		4.0	15.3		15.3
Claiborne	2.1	.3	1.8	7.6		7.6
Clay	.9		.9	4.8	-	4.8
Cocke	.2		.2	.3		.3
Coffee	1.4		1.4	5.3		5.3
Crockett	1.5	.1	1.4	6.4	.6	5.8
Cumberland	5.4	1.3	4.1	19.9	5.8	14.1
Davidson	1.5		1.5	6.0		6.0
Decatur	4.0	.1	4.0	17.4	.3	17.1
De Kalb	.1	.1	.1	.2	.2	-
Dickson	9.2		9.2	41.5		41.5
Dyer	4.1		4.1	18.4		18.4
Fayette	.8		.8	4.7		4.7
Fentress	2.5	.7	1.8	9.6	2.9	6.7
Franklin	1.1	.2	.9	2.6		2.6
Gibson	1.7		1.7	8.7		8.7
Giles	2.0	-	2.0	4.0		4.0
Grainger	3.2	1.0	2.2	14.8	4.3	10.5
Greene	.2	.1	.1	.8	.8	
Grundy	2.0	.3	1.8	9.3	1.4	7.9
Hamblen	-		-	-	-	
Hamilton	1.6	.5	1.1	4.9	1.5	3.4
Hancock	.3	.1	.2	1.1		1.1
Hardeman	6.4	.4	6.1	24.1	2.0	22.1
Hardin	7.9	1.3	6.6	27.2	2.2	25.0
Hawkins	1.4	1.3	.1	3.2	2.6	.6
Haywood	6.7		6.7	31.2		31.2
Henderson	5.8	2.2	3.6	25.1	8.5	16.5
Henry	.6		.6	2.4		2.4
Hickman	2.6		2.6	10.3		10.3
Houston	3.7		3.6	13.2	.2	13.0
Humphreys	3.7	.1	3.6	10.3	.2	10.1
Jackson	.3	.1	.2	.4		.4
Jefferson	.3	.2	.1	.5	.5	
Johnson	1.0	.8	.2	5.2	4.2	1.0
Knox	2.2	1.1	1.1	7.3	2.8	4.5
Lake	-					
Lauderdale	2.9		2.9	13.8		13.8
Lawrence	3.0		3.0	9.7		9.7

Table 26.--*Periodic annual timber removal of growing stock and sawtimber on commercial forest land by species group, 1971-1980* [1]/ *(Continued)*

County	All species	Growing stock		All species	Sawtimber	
		Softwood	Hardwood		Softwood	Hardwood
	Million cubic feet			*Million board feet*		
Lewis	2.0	.1	2.0	7.2	.2	7.0
Lincoln	.9	.2	.7	1.6		1.6
Loudon	.3	.3	-	-		
McMinn	4.3	2.1	2.2	11.7	5.7	6.0
McNairy	5.7	.9	4.8	18.3	3.6	14.8
Macon	.4		.4	1.2		1.2
Madison	3.9		3.9	15.8		15.8
Marion	.6	.1	.5	1.1	.1	1.0
Marshall	1.1	.2	.8	3.1	.4	2.8
Maury	1.9		1.9	8.7		8.7
Meigs	.9		.6	4.9	1.5	3.4
Monroe	2.4	1::	.7	10.6	8.4	2.3
Montgomery	2.1		2.1	9.2		9.2
Moore	.6		.6	3.2	-	3.2
Morgan	4.4	.8	3.5	15.9	2.4	13.4
Obion	1.1		1.1	4.8		4.8
Overton	2.1	.1	2.0	10.3	.3	10.0
Perry	1.3		1.3	4.5		4.5
Pickett	1.2	.3	.9	5.0	.8	4.2
Polk	6.4	4.8	1.6	17.4	13.1	4.3
Putnam	3.4	-	3.4	13.6	-	13.6
Rhea	2.5	1.1	1.4	6.6	1.9	4.7
Roane	1.1	.8	.3	2.0	1.2	.8
Robertson	.2		.2	.9		.9
Rutherford	.5	.3	.2	1.8	.4	1.4
Scott	6.6	1.7	4.8	28.1	8.4	19.7
Sequatchie	2.5	.4	2.1	10.8	2.3	8.4
Sevier	1.6	1.2	.5	5.4	3.5	1.9
Shelby	4.0		4.0	14.9		14.9
Smith	.2	.2		.5	.5	
Stewart	2.9		2.9	14.4		14.4
Sullivan	.9	.1	.8	.9		.9
Sumner	1.7	.1	1.6	8.5	.5	8.0
Tipton						
Trousdale						
Unicoi	.3		.3	1.8		1.8
Union	.1		.1	.6		.6
Van Buren	1.6	.4	1.3	5.6	.8	4.9
Warren	3.3	.5	2.8	10.9	.8	10.0
Washington	.5	.1	.4	1.1	.6	.6
Wayne	6.2	1.5	4.7	20.8	3.6	17.2
Weakley	3.3	.9	2.4	13.6	1.8	11.8
White	1.6		1.6	3.2		
Williamson	1.3		1.3	6.5		5::
Wilson	.3		.3	.9		.9
All counties	213.7	37.6	176.0	816.0	118.9	696.9

1/ Totals may not add due to rounding.

Table 27.--*Periodic annual mortatity of growing stock and sawtimber on commercial forest land by species group,* **1971-1980** 1/

County	All species	Growing stock		All species	Sawtimber	
		Softwood	Hardwood		Softwood	Hardwoo
	Million cubic feet			*Million board feet*		
Anderson	.2	.1	.1	.9	.5	.5
Bedford	.1	-	.1			
Benton	.4		.4	.6	-	.6
Bledsoe	.2		.2	.8		.8
Blount	.8	.6	.2	2.4	i.6	.8
Bradley			-			
Campbell	3.0	2.0	1.0	6.6	3.1	3.6
Cannon	.2	.1	.1			
Carroll	2.3	1.5	.9	6.7	3.7	3.0
Carter	.4	.1	.4	.4	.4	
Cheatham	.3		.3	-		-
Chester	2.5	.3	2.3	2.0		2.0
Claiborne	.7	.2	.5			
Clay	-			-		-
Cocke	1.0	.2	.8	2.4	i.2	1.1
Coffee	.3		.3			
Crockett	-		-		-	
Cumberland	1.2	.2	1.0	3.7	.6	3.1
Davidson	.4		.4	-		
Decatur	.6	.2	.3	1.0	.2	.8
De Kalb	.4		.4	1.0	-	1.0
Dickson	.5		.5	.3		.3
Dyer	.4		.4	2.2		2.2
Fayette	.3		.3	1.0		1.0
Fentress	.9	.6	.3	3.0	i.6	1.4
Franklin	.6		.6	1.1		1.1
Gibson	.3		.3	1.1		1.1
Giles	.6	.1	.5	1.5		1.5
Grainger	.3		.3			
Greene	.8	.5	.3	i.6	i.6	
Grundy	.9		.9	3.0		3.0
Hamblen	.2	.2				
Hamilton				-		
Hancock	.2	.1	.1	1.2	.7	.5
Hardeman	1.4	.5	1.0	1.5		1.5
Hardin	.6		.6	1.8		1.8
Hawkins	.6	.4	.3	.5		.5
Haywood	.9		.9	1.9		1.9
Henderson	.9		.9	2.3		2.3
Henry	1.2		1.2	3.6		3.6
Hickman	.8		.8	.8		.8
Houston	.1		.1			
Humphreys	.4		.4			
Jackson	.4		.4	1.6		1.6
Jefferson	.2	.2		.2		.2
Johnson	.6	.1	.5	.9		.9
Knox	.1	.1				
Lake	.3		.3	1.1		1.1
Lauderdale	.2		.2	1.1		1.1
Lawrence	.5		.5	1.6		1.6

Table 27.--*Periodic annual mortality of growing stock and sawtimber on commercial forest land by species group, 19714980 1/ (Continued)*

County	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Million cubic feet			*Million board feet*		
Lewis	.1		.1			
Lincoln	.1		.1	.4		.4
Loudon						
McMinn	.6	.4	.2	.7	.5	.2
McNairy	2.4	.6	1.8	1.0	.3	.7
Macon	.4		.4	1.2		1.2
Madison	.7		.7	3.1		3.1
Mar-ion	.2		.2	1.1		1.1
Marshall	.2		.2			
Maury	.3		.3	.4		.4
Meigs	.1	.1				
Monroe	1.0	.4	.6	2.9	1.6	i.3
Montgomery	.5		.5	.3		.3
Moore	.2		.1			
Morgan	.4	.2	.2	.9	.5	.3
Obion	.3		.3	.9		.9
Overton	.7	.2	.5	1.3	.8	.6
Perry	.3		.3	1.1		1.1
Pickett	.2		.2	.7		
Polk	.9	.5	.5	1.9	.5	1.4
Putnam	.6		.6	1.6		1.6
Rhea	.4		.4	.3		.3
Roane	.3		.2			
Robertson	.3		.3			
Rutherford						
Scott	.9	.3	.7	1.7	1.0	.7
Sequatchie	.8	.5	.3	.6		.6
Sevier	.4	.4				
Shelby	1.2		i.2	5.4		5.4
Smith	.3	.1	.2			
Stewart	.7		.7	1.7		1.7
Sullivan	.4	.4		1.0	1.0	
Sumner						
Tipton	.2		.2	.3		.3
Trousdale						
Unicoi	.4	.4		.6	.6	
Union	1.9	1.4	.6	3.0	2.4	.6
Van Buren	.2		.2	.2		.2
Warren	.2		.2			
Washington	.1		.1			
Wayne	.8		.8	1.6		1.6
Weakley	.2	.1	.1	.5	.5	
White	.7	.1	.6	.3		.3
Williamson	.7		.7	1.6		1.6
Wilson						
All counties	51.6	14.3	37.4	101.9	24.8	77.0

1/ Totals may not add due to rounding.

Table 28.--*Growing stock volume on commercial forest land by species and Resource region,* 1980

Species	State	West	West Central	Central	Plateau	East
			Million cubic feet			
Softwood:						
Shortleaf pine	663.8	108.6	56.0	.4	195.1	303.7
Loblolly pine	270.3	89.1	69.8	4.4	22.7	84.3
Virginia pine	872.7		9.9	1.8	286.0	575.0
Pitch pine	76.6				.8	75.8
Eastern white pine	183.4			.1	44.6	138.7
Other southern pine	14.7					14.7
Redcedar	170.9	18.1	17.6	70.4	14.2	50.6
Hemlock	86.2				41.8	44.4
Cypress	66.9	66.0	.9			
All softwoods	2,405.5 154	281.8	[illegible].2	77.1	605.2	1,287.2
Hardwoods:						
Select white oaks	1,616.1	213.9	576.6	194.7	406.5	224.4
Select red oaks	686.1	164.4	106.9	86.8	122.6	205.4
Other white oaks	1,160.7	89.7	205.2	107.5	281.1	477.2
Other red oaks	1,757.4	374.1	340.4	211.3	374.5	457.1
Water hickory	7.0	7.0				
Other hickories	1,331.2	164.2	284.1	241.9	350.8	290.2
Persimmon	32.2	7.9	3.1	9.2	4.9	7.1
Hard maple	265.7	15.7	29.0	76.1	108.3	36.6
Soft maple	379.4	79.2	13.0	18.5	106.0	162.7
Boxelder	33.5	21.0	3.9	6.3	2.3	-
Beech	175.3	23.5	29.6	38.0	37.9	46.3
Sweetgum	392.8	250.4	70.5	26.9	18.9	26.1
Blackgum	206.0	57.8	28.8	20.0	44.4	55.0
Other gums	12.0	11.7		-	.3	
White ash	153.1	19.6	8.6	52.0	33.7	39.2
Other ashes	163.1	97.7	15.9	21.3	17.6	10.6
Sycamore	67.9	29.6	15.9	8.5	3.7	10.2
Cottonwood	40.1	39.5	.6		-	
Basswood	55.5			9.5	27.1	18.9
Yellow-poplar	1,129.1	113.0	140.7	137.3	333.4	404.7
Magnolia	33.9	1.4	-	.9	12.0	19.6
Willow	25.7	24.2	1.0	.3	.2	-
Black walnut	75.2	7.7	9.2	27.3	8.0	23.0
Black cherry	53.6	8.3	5.9	12.3	15.2	11.9
American elm	99.2	49.1	11.5	21.6	5.8	11.2
Other elms	96.3	33.0	18.9	24.4	2.2	12.8
River birch	18.5	15.1	-	.4	5.8	39.8
Other birch	45.2			-		
Hackberry	70.0	13.3	9.5	42.8	.3	4.1
Black locust	76.8	1.9	.5	29.1	11.3	34.0
Other locusts	10.1	4.1	1.4	4.6	·	
Sassafras	75.8	3.6	3.9	36.8	16.6	14.9
Dogwood	17.5	5.4	3.2	1.9	2.9	4.1
Holly	3.3	1.8		.3	1.2	
Other hardwoods	34.4	3.1	.7	6.1	9.5	16.0
All hardwoods	10,399.7	1,950.9	1,938.5	1474.6	2,372.2	2,663.5
All species	12,805.2	2,232.7	2,092.7	1,551.7	2.977.4	3,950.7

Table 29.--*Sawtimber volume on commercial forest land by species and Resource region, 1980*

Species	State	West	West Plateau	Central	East	
			Million board feet			
Softwood:						
Shortleaf pine	2,403.7	456.1	191.4	1.7	686.5	1,068.0
Loblolly pine	629.4	212.1	138.5	1.8	50.8	226.2
Virginia pine	2,476.4		30.5	10.1	839.4	1,596.4
Pitch pine	275.7				3.7	272.0
Eastern white pine	827.3				198.9	628.4
Other southern pine	33.1					33.1
Redcedar	244.8	30.2	52.7	77.6	22.0	62.3
Hemlock	398.2				187.9	210.3
Cypress	395.7	393.1	2.6			
All softwoods	7,684.3	1,091.5	415.7	91.2	1,989.2	4,096.7
Hardwoods:						
Select white oaks	4,788.4	777.0	1,543.4	627.3	1,073.9	766.8
Select red oaks	2,554.1	732.1	325.4	305.4	476.5	714.7
Other white oaks	3,433.4	291.9	402.3	348.6	808.9	1,581.7
Other red oaks	5,690.9	1,295.3	993.1	738.3	1,202.0	1,462.2
Water hickory	27.2	27.2				
Other hickories	3,628.0	542.3	583.2	563.0	1,107.9	831.6
Persimmon	32.9	12.6	2.8	10.7	6.8	
Hard maple	681.1	28.8	66.4	195.2	271.0	119.7
Soft maple	723.0	198.9	26.7	40.1	190.0	267.3
Boxelder	53.4	32.5	1.4	8.5	11.0	
Beech	607.1	90.1	104.6	122.6	146.7	143.1
Sweetgum	1,163.9	881.2	141.7	64.4	41.5	35.1
Blackgum	504.7	165.6	49.9	38.0	124.9	126.3
Other gums	26.6	26.6			-	
White ash	394.7	56.6	20.2	137.1	87.8	93.0
Other ashes	490.7	316.5	39.7	52.3	56.4	25.8
Sycamore	252.8	116.1	49.1	37.1	9.1	41.4
Cottonwood	233.3	230.5	2.8			
Basswood	200.0		-	30.9	93.2	75.9
Yellow-poplar	4,232.9	444.7	482.0	538.1	1,205.3	1,562.8
Magnolia	92.4	4.3	-		48.1	40.0
Willow	134.6	132.1	2.5			
Black walnut	166.9	18.2	21.0	51.6	23.2	52.9
Black cherry	123.7	6.5	9.6	25.3	46.1	36.2
American elm	210.1	112.0	24.5	39.1	14.7	19.8
Other elms	179.7	49.9	32.8	40.3	24.9	31.8
River birch	46.9	36.8		1.6	8.5	
Other birch	48.8				6.9	4i.9
Hackberry	160.1	51.0	22.3	69.8		17.0
Black locust	110.5	8.4	.6	24.9	24.0	52.6
Other locusts	20.2	13.4	5.0	1.8		
Sassafras	89.3	3.2	2.9	60.5	18.0	4.7
Oogwood	5.7	5.7				
Holly	2.2	2.2				
Other hardwoods	102.8	11.3	1.1	6.6	27.7	56.1
All hardwoods	0 31,213.v	6,721.5	4,957.0	4,179.1 -	7-155.0	-8 ,
All species	38,897.3	7.813.0	5,372.7	4,270.3	9,144.2	12,297.1

Table 30.--*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*		
State of Tennessee						
National forest	1,431	504	927	4,712	2,014	2,698
Other public	1,139	307	832	3,911	1,305	2,606
Forest industry	976	211	765	2,944	666	2,278
Farmer	973	131	842	2,937	394	2,543
Misc. private	959	183	776	2,851	533	2,318
All ownerships	994	187	807	3,020	597	2,423
West						
National forest						
Other public	1,447	536	911	6,405	2,986	3,419
Forest industry	1,699	284	1,415	7,531	1,284	6,247
Farmer	977	54	923	3,296	164	3,132
Misc. private	970	131	839	3,111	411	2,700
All ownerships	1,048	132	916	3,670	513	3,157
West Central						
National forest				-	-	
Other public	1,129	78	1,051	3,971	221	3,758
Forest industry	953	52			136	2,240
Farmer	941	41	901 900	2,376 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
Central						
National forest		-				
Other public	636	47	589	1,648	62	1,586
Forest industry	750	20			-	2,750
Farmer	758	45	730 713	2,750 2,048	52	1,996
Misc. private	696	24	672	1,961	30	1,931
All ownerships	725	36	689	1,996	43	1,953
Plateau						
National forest			-	-		-
Other public	1,161	328	833	3,807	1,366	2,441
Forest industry	809	264	545	2,421	846	1,575
Farmer	1,134	166	968	3,415	558	2,857
Misc. private	985	188	797	3,035	588	2,447
All ownerships	1,002	204	798	3,076	669	2,407
East						
National forest	1,431	504	927	4,712	2,014	2,698
Other public	1,236	410	826	3,463	1,236	2,227
Forest industry	867	439	428	2,022	1,148	874
Farmer	1,101	299	802	3,543	930	2,613
Misc. private	1,096	373	723	3,329	1,081	2,248
All ownerships	1,144	373	771	3,560	1,186	2,374

Table 31. --*Average volume per acre of growing stock and sawtimber on commercial forest land by species group and forest type, 1980*

Forest type	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Cubic feet			*Board feet*		
State of Tennessee						
White pine	1,731	1,250	481	5,880	5,880	278
Loblolly-shortleaf pine	1,053	913	140	2,830	2,552	278
Oak-pine	914	478	436	2,676	1,610	1,066
Oak-hickory	976	48	928	2,951	168	2,784
Oak-gum-cypress	1,295	107	1,188	4,901	617	4,284
Elm-ash-cottonwood	915		915	4,094		4,094
Maple-beech-birch	986	52	934	2,454	393	2,061
All types	994	187	807	3,021	597	2,424
West						
White pine	-	-	-	-	-	-
Loblolly-shortleaf pine	1,056	924	13;	3,311	3,024	287
Oak-pine	603	316	287	1,913	1,224	689
Oak-hickory	959	23	936	3,079	45	3,034
Oak-gum-cypress	1,368	121	1,247	5,382	729	4,653
Elm-ash-cottonwood	1,080		1,080	5,285		5,285
Maple-beech-birch	638		638	1,771		1,771
All types	1,048	132	916	3,670	513	3,157
West Central						
White pine	-				-	
Loblolly-shortleaf pine	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
Maple-beech-birch						
All types	959	71	888	2,460	190	2,270
Central						
White pine	-					
Loblolly-shortleaf pine	224	156	68	32;	176	146
Oak-pine	382	117	265	632	103	529
Oak-hickory	824	13	811	2,346	22	2,324
Oak-gum-cypress	837	8	829	2,868		2,868
Elm-ash-cottonwood	120		120			
Maple-beech-birch					-	-
All types	725	36	689	1,996	43	1,953
Plateau						
White pine	1,072	929	143	4,143	4,143	
Loblolly-shortleaf pine	1,000	834	166	2,758	2,388	370
Oak-pine	992	542	450	2,943	1,856	1,087
Oak-hickory	1,007	76	931	3,146	264	2,882
Oak-gum-cypress	1,066	180	886	2,518	653	1,865
Elm-ash-cottonwood	426	-	426	778		778
Maple-beech-birch	818	270	548	2,592	2,035	1,557
All types	1,002	204	798	3,076	699	2,407
East						
White pine	2,442	1,596	846	7,750	7,750	
Loblolly-shortleaf pine	1,260	1,119	141	3,323	3,067	256
Oak-pine	1,193	643	550	3,681	2,252	1,429
Oak-hickory	1,089	90	999	3,589	370	3,219
Oak-gum-cypress	1,864	100	1,764	6,191	527	5,664
Elm-ash-cottonwood						
Maple-beech-birch	1,277		127;	2,445		2,445
All types	1,144	373	771	3,560	1,186	2,374

Table 32. --*Periodic annual growth per acre of growing stock* and *sawtimber on commercial forest land by species group and ownership class, 1971-1980*

Ownership class	Growing stock			Sawtimber		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood
	Cubic feet			*Board feet*		
State of Tennessee						
National forest	47.5	15.8	31.7	131.8	81.2	50.7
Other public	42.3	10.2	32.1	166.4	49.0	117.4
Forest industry	31.8	7.6	24.2	110.5	27.3	83.3
Farmer	37.2	4.9	32.3	120.2	18.3	101.6
Misc. private	36.8	7.5	29.3	122.5	27.3	95.2
All ownerships	37.2	7.2	30.0	123.6	28.6	95.0
West						
National forest						
Other public	48.9	10.7	38.3	244.8	84.6	160.2
Forest industry	36.4	7.3				
Farmer	41.1	2.5	29.2 38.6	153.5 143.0	41.2 11.7	112.4 131.3
Misc. private	39.0	8.7	30.3	133.9	29.8	104.1
All ownerships	40.1	6.3	33.8	145.2	26.8	118.4
West Central						
National forest	-					
Other public	34.6	3.5	31.2	177.0	5.7	170.4
Forest industry	32.5	1.8	30.7	115.4	7.3	108.2
Farmer	39.3	1.4	38.0	128.2	6.3	121.9
Misc. private	39.8	4.8	35.1	128.0	13.3	114.8
All ownerships	37.7	2.9	34.9	128.4	9.2	119.2
Central						
National forest			-		-	-
Other public	21.9	0.8	24.1	71.3	-	71.3
Forest industry	5.9		5.9	13.6	-	13.6
Farmer	32.1	1.5				
Misc. private	28.3	1.2	30.6 27.2	111.7 112.6	3.0 1.8	108.7 110.9
All ownerships	30.0	1.3	28.7	109.8	2.3	107.5
Plateau						
National forest	-				-	
Other public	40.6	17.5	28.7	176.9	63.8	113.2
Forest industry	27.4	4.5	38.1 19.9	114.5 159.0	36.7 21.7	137.3 77.8
Farmer	42.5					
Misc. private	34.3	6.6	27.8	129.8	25.7	104.1
All ownerships	35.4	6.8	28.6	137.5	30.1	107.4
East						
National forest	47.5	15.8	31.7	131.8	81.2	50.7
Other public	56.8	16.7	40.2	129.7	60.5	69.2
Forest industry	39.3	23.0	16.4	74.1	51.6	22.6
Farmer	35.3	10.6	24.7	93.7	38.7	55.1
Misc. private	41.3	13.3	28.03	107.9	50.5	57.4
All ownerships	40.8	13.4	27.3	106.3	52.4	53.9

Table 33.--*Metric area of commercial forest tand by ownership class, 1980*

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
			Thousand hectares			
Anderson	54.3		3.4	9.9	12.5	28.5
Bedford	30.6			2.2	15.3	13.1
Benton	65.2		5.8	5.0	18.3	36.1
Bledsoe	69.2		2.9	13.8	14.3	38.2
Blount	51.0		(1)	7.3	37.1	6.6
Bradley	39.1		.1	6.5	6.6	25.9
Campbell	84.6		6.2	6.2	12.8	59.4
Cannon	34.0				21.9	12.1
Carroll	75.4		5.7	2.8	19.7	46.2
Carter	61.2	3i.6	-			29.6
Cheatham	42.1		8.4		8.4	25.3
Chester	44.4		1.8	i.5	14.9	25.2
Claiborne	72.6		2.6		35.3	34.7
Clay	39.5		4.2		21.3	14.0
Cocke	70.4	17.2	.1		37.1	16.0
Coffee	45.3		8.6		18.1	18.6
Crockett	7.0				-	7.0
Cumberland	131.3		18.7	16.7	27.2	68.7
Davidson	39.7		2.1		13.9	23.7
Decatur	58.7		.9	4.7	26.9	26.2
De Kalb	29.9		7.1		11.9	10.9
Dickson	61.2		.1	2.3	31.7	27.1
Dyer	22.1		2.9	4.4	4.5	10.3
Fayette	62.1		3.6		43.0	15.5
Fentress	102.9		1.5	47.7	15.6	38.1
Franklin	JO.8		4.5		4.5	61.8
Gibson	24.6		1.3	-	23.3	
Giles	49.3		.1	1.7	30.6	16.9
Grainger	40.8		1.3		37.1	2.4
Greene	54.7	13.7	.1		25.7	15.2
Grundy	76.5		.2	5.1	5.3	65.9
Hamblen	12.3		.8		11.5	
Hamilton	82.2		5.8		20.2	56.2
Hancock	40.8				38.5	2.3
Hardeman	100.4		3.9	10.0	50.6	35.9
Hardin	90.5		(1)	12.6	41.7	36.2
Hawkins	75.1		2.7	2.3	33.4	36.7
Haywood	31.6		3.9		19.1	8.6
Henderson	69.2		8.3		37.3	23.6
Henry	69.8		6.2		24.4	39.2
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
Jackson	45.4		1.2		22.7	21.5
Jefferson	23.7		.4		21.4	1.9
Johnson	52.6	19.6	.1		6.4	26.5
Knox	41.3		.?		14.0	26.6
Lake	8.2		2.3		2.7	3.2
Lauderdale	38.4		.9	19.2	15.5	2.8
Lawrence	62.3	-	5.5	2.3	38.4	16.1

Table 33.--*Metric area of commercial forest land by ownership class, 1980* (Continued)

County	All ownerships	National forest	Other public	Forest industry	Farmer	Misc. private
			Thousand hectares			
Lewis	53.1		.5	16.2	4.8	31.6
Lincoln	42.5		.2		24.3	18.0
Loudon	22.3		1.7	3.7	9.5	7.4
McMinn	52.5	.7	.2	11.9	4.9	34.8
McNairy	83.1			11.6	13.9	57.6
Macon	24.0		-		16.0	8.0
Madison	59.5		.2		14.2	45.1
Marion	97.4		14.6	9.1	16.4	57.3
Marshall	30.6		(1)		20.4	10.2
Maury	44.5		(1)		24.5	20.0
Meigs	34.7		.6	8.0	13.6	12.5
Monroe	117.6	48.7	2.2	6.9	25.8	34.0
Montgomery	41.8		5.5		19.0	17.3
Moore	11.3				6.5	4.8
Morgan	109.3		18.5		11.4	79.4
Obion	41.8		3.9	7.6	15.3	15.0
Overton	67.8		3.7		30.9	33.2
Perry	88.3		.6	21.5	44.7	21.5
Pickett	26.2	-	5.9		6.0	14.3
Polk	84.2	53.6	.9		10.7	19.0
Putnam	55.2		.4	-	7.9	46.9
Rhea	50.3		.5	17.5	24.5	7.8
Roane	60.7		7.6	4.1	22.6	26.4
Robertson	20.7		.1		12.9	7.7
Rutherford	63.1		1.8	-	15.8	45.5
Scott	122.4		1.9	11.3	35.2	74.0
Sequatchie	54.4		(1)	11.3	2.4	40.7
Sevier	55.7		.2		21.0	34.5
Shelby	37.9		2.5		14.6	20.8
Smith	30.7		.7		19.6	10.4
Stewart	80.3		12.1	20.1	13.1	35.0
Sullivan	40.1	14.4	.4		11.1	14.2
Sumner	29.7		.5		17.8	11.4
Tipton	40.5		(1)		34.0	6.5
Trousdale	9.9		.1		7.4	2.4
Unicoi	39.2	19.5	1.1		-	18.6
Union	43.8		11.5		11.7	20.6
Van Buren	50.5		.1	33.7	6.6	10.1
Warren	38.2		(1)		19.8	18.4
Washington	24.8	5.5	.4		8.4	9.5
Wayne	150.6		(1)	55.2	34.0	61.4
Weakley	45.7				7.7	38.0
White	46.3		.5	10.5	19.6	15.7
Williamson	51.0		.2		29.1	21.7
Wilson	48.8		.5		31.6	16.7
All counties	5,212.0	225.5	243.9	494.8	1,840.6	2407.2

1 Negligible.

Table 34. --Metric volwne of growing stock on commercial foreet land by species group, 1980

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	Gum	Other
	Thousand cubic meters							
Anderson	4,358	895	606	289	5,463	1,523	150	1,790
Bedford	1,169	65		65	1,104	204		900
Benton	2,888	94	88	6	2,795	1,852	25;	691
Bledsoe	2,659	903	855	48	1,756	1,331	17	408
Blount	5,527	2,574	2,393	181	2,953	1,817	102	1,034
Bradley	3,950	2,500	2,364	136	1,450	566	167	717
Campbell	6,945	1,206	1,116	90	5,739	2,727	127	2,885
Cannon	1,877	91	68	23	1,786	597	190	999
Carroll	4,547	501	470	31	4,046	1,951	668	1,427
Carter	6,292	1,201	261	940	5,091	2,803	85	2,203
Cheatham	2,384	76	23	53	2,308	1,371	96	841
Chester	2,517	968	937	31	1,549	759	263	527
Claiborne	4,500	473	428	45	4,027	1,702	74	2,251
Clay	1,663	65	28	37	1,598	856	23	719
Cocke	5,833	1,368	1,025	343	4,465	2,169	14	2,282
Coffee	3,630	-			3,630	2,325	113	1,192
Crockett	1,438	-			1,438	1,234		204
Cumberland	10,007	2,866	2,283	583	7,141	4,774	257	2,110
Oavidson	1,829	42		42	1,787	943	9	835
Oecatur	4,525	456	377	79	4,069	2,447	320	1,302
De Kalb	1,815	147		147	1,668	487	99	1,082
Dickson	4,066	6		6	4,060	2,458	82	1,520
Dyer	1,676	-			1,676	173	51	1,452
Fayette	3,053	329	204	125	2,725	2,087	275	362
Fentress	8,015	2,824	2,359	465	5,191	2,999	133	2,059
Franklin	4,894	108		108	4,786	3,041		1,736
Gibson	1,994	-			1,994	1,099	88	807
Giles	2,243	42		28	2,201	830	133	1,238
Grainger	3,075	479	3::	122	2,596	1,042	175	1,379
Greene	4,140	813	485	328	3,327	1,348	110	1,869
Grundy	4,947	861	801	60	4,086	2,112	142	1,832
Hamblen	748	210	184	26	538	374		164
Hamilton	5,550	2,427	2,427	-	3,123	2,067	65	991
Hancock	2,161	71	54	17	2,090	456	48	1,586
Hardeman	6,445	1,031	932	99	5,414	2,679	1,076	1,659
Hardin	6,046	1,713	1,602	111	4,332	1,973	510	1,849
Hawkins	4,967	569	532	37	4,398	2,294	85	2,019
Haywood	3,013	-			3,013	1,249	926	838
Henderson	5,239	969	830	139	4,270	1,792	1,002	1,476
Henry	4,842	25		25	4,817	2,053	796	1,968
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
Jackson	3,293	181	11	170	3,112	833	14	2,265
Jefferson	1,900	524	399	125	1,376	637	51	688
Johnson	3,933	538	153	385	3,395	1,750	37	1,608
Knox	3,373	665	631	34	2,708	1,473	51	1,184
Lake	1,351	507		507	844			844
Lauderdale	4,191	589		589	3,602	782	473	2,347
Lawrence	3,670	96	95		3,574	2.217	167	1.190

Table 34.--*Metric volume of growing stock on commercial forest land by species group,* 1980 *(Continued)*

County	All species	Softwood			Hardwood			
		Total	Pine	Other	Total	Oak	mm'-	-
	Thousand cubic meters							
Lewis	3,330	31	31		3,299	2,475	51	773
Lincoln	1,877	215		215	1,662	348	45	1,269
Loudon	1,875	847	805	42	1,028	750	37	241
McMinn	4,248	2,161	2,119	42	2,087	1,090	88	909
McNairy	4,514	1,713	1,659	54	2,801	1,634	275	892
Macon	1,739	-		-	1,739	190	31	1,518
Madison	4,188	113	3	110	4,075	1,994	699	1,382
Marion	5,528	909	767	142	4,619	2,636	145	1,838
Marshall	1,059	125		125	934	501		433
Maury	2,393	12	3	9	2,381	705	48	1,628
Meigs	2,840	1,489	1,398	91	1,351	802	130	419
Monroe	10,395	5,505	4,816	689	4,890	2,200	199	2,491
Montgomery	1,778	59	23	36	1,719	850	99	770
Moore	855	65		65	790	419	6	365
Morgan	6,414	1,342	1,022	320	5,072	2,546	96	2,430
Obion	5,100	532		532	4,568	1,951	705	1,912
Overton	6,108	626	598	28	5,482	1,668	116	3,698
Perry	5,593	127	39	88	5,465	3,588	167	1,710
Pickett	2,056	187	65	122	1,869	547	25	1,297
Polk	7,855	5,046	4,188	858	2,809	1,826	108	875
Putnam	3,982	360	303	57	3,622	1,300	57	2,265
Rhea	3,268	982	821	161	2,286	1,456	122	708
Roane	4,783	1,158	1,036	122	3,625	2,402	113	1,110
Robertson	1,317	9		9	1,308	558	88	662
Rutherford	1,016	144		144	872	292		580
Scott	10,611	3,030	2,557	473	7,581	4,089	139	3,353
Sequatchie	2,857	957	816	141	1,900	1,070	116	714
Sevier	3,992	1,438	1,322	116	2,554	1,373	96	1,085
Shelby	2,228	48		48	2,180	447	527	1,206
Smith	1,662	40		40	1,622	399	37	1,186
Stewart	5,813	164		164	5,649	3,398	419	1,832
Sullivan	3,216	529	235	294	2,687	1,574	40	1,073
Sumner	1,475	31		31	1,444	410	122	912
Tipton	2,659	17		17	2,642	790	394	1,458
Trousdale	365	42		42	323	96		227
Unicoi	3,741	776	65	711	2,965	1,020	45	1,900
Union	3,293	677	490	187	2,616	1,158	62	1,396
Van Buren	2885	750	583	167	2,135	892	119	1,124
Warren	2,924	25		25	2,899	883	88	1,928
Washington	2,059	535	238	297	1,524	955	42	527
Wayne	10,622	1,345	1,334	11	9,277	6,088	340	2,849
Weakley	4,228	637	563	74	3,591	1,172	841	1,578
White	3,480	184	164	20	3,296	932	215	2,149
Williamson	2,704	229	17	212	2,475	855	94	1,526
Wilson	1,728	496		496	1,232	473	-	759
All counties	362,603	68,115	53,748	14,367	296,488	147,824	17,297	129,367

Table 35. --*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		
	State of Tennessee		
National forest	100	35	65
Other public	79	21	58
Forest industry	68	15	53
Farmer	68	9	59
Misc. private	67	13	54
All ownerships	69	13	56
	West		
National forest	-		
Other public	102	38	64
Forest industry	120	20	100
Farmer	69	4	65
Misc. private	68	9	59
All ownerships	74	9	65
	West Central		
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
	Central		
National forest		-	-
Other public	44	3	41
Forest industry	52	1	51
Farmer	53	3	50
Misc. private	49	2	47
All ownerships	51	3	48
	Plateau		
National forest	-		
Other public	81	23	58
Forest industry	57	18	39
Farmer	79	12	67
Misc. private	68	13	55
All ownerships	70	14	56
	East		
National forest	100	35	65
Other public	86	29	57
Forest industry	61	31	30
Farmer	77	21	56
Misc. private	77	26	51
All ownerships	80	26	54

Table 36.--*Sampling errors for commercial forest land, growing stock, and sawtimber volume by species group, 1980*

County	Commercial forest land	Growing stock			Sawtimber		
		All species	Softwood	Hardwood	All species	Softwood	Hardwood
				-Percent-			
Anderson	4	14	43	14	19	49	18
Bedford	4	31	41	33	36	(1)	37
Benton	3	15	(1)	16	22	(1)	23
Bledsoe	2	15	34	19	22	40	26
Blount	2	13	20	17	20	25	25
Bradley	6	12	33	49	16	26	(1)
Campbell	3	7	31	9	10	33	13
Cannon	4	21	(1)	22	30	-	30
Carroll	2	10	(1)	12	23	(1)	26
Carter	3	10	37	12	15	46	17
Cheatham	2	14	(1)	15	21	(1)	22
Chester	4	19	42	20	27	48	26
Claiborne	4	15	42	17	22	50	22
Clay	4	14	(1)	14	24	(1)	23
Cocke	2	12	27	17	17	30	25
Coffee	2	10	-	10	14	-	14
Crockett	4	(1)	(1)	(1)	(1)	(1)	(1)
Cumberland	2		20			24	13
Davidson	3	25	(1)	26	3:	(1)	32
Decatur	4	11	(1)	11	15	(1)	17
De Kalb	3	12	(1)	15	23	(1)	24
Dickson	2	14	(1)	14	21	-	21
Dyer	3	12	-	12	19	-	19
Fayette	2	18	(1)	20	23	(1)	24
Fentress	2	8	20	11	15	28	19
Franklin	2	11	(1)	12	17	(1)	17
Gibson	3	32	-	32	32	-	32
Giles	3	12	47	12	24	(1)	24
Grainger	3	17	33	22	24	43	28
Greene	2	10	36	13	15	45	19
Grundy	1	10	38	12	16	(1)	17
Hamblen	5	40	(1)	(1)	62	(1)	(1)
Hamilton	3	10	24	15	14	28	20
Hancock	4	32	(1)	34	46	(1)	48
Hardeman	2	12	37	14	17	41	20
Hardin		10	30	12	15	37	17
Hawkins	2	11	36	13	20	40	24
Haywood	3	13	-	13	18	-	18
Henderson	3	11	44	15	16	(1)	19
Henry	2	13	(1)	13	19	-	19
Hickman		6	(1)	7	11	(1)	12
Houston		19	-	19	28	-	28
Humphreys	3	9	(1)	9	15	(1)	15
Jackson	4	15	(1)	17	25	(1)	26
Jefferson	4	9	49	23	17	(1)	26
Johnson	4	12	30	14	20	33	22
Knox	3	17	29	24	26	37	31
Lake	2	43	(1)	34	46	(1)	47
Lauderdale	3	16	(1)	18	18	(1)	21
Lawrence	2	11	(1)	12	18	(1)	19

Table 36.--*Sampling errors for commemial forest land, growing stock, and sawtimber volume by species group, 1980 (Continued)*

County	Commercial forest land	Growing stock			Sawtimber		
		All species	Softwood	Hardwdod	All species	Softwood	Hardwood
				Percent			
Lewis	2	12	(1)	12	24	(1)	24
Lincoln	2	17	38	20	28	(1)	29
Loudon	4	24	48	38	29	45	45
McMinn	4	13	22	22	21	27	30
McNairy	3	13	30	15	23	42	26
Macon	2	17	-	17	23	-	23
Madison	3	10	49	11	16	(1)	17
Marion	2	10	29	12	14	34	16
Marshall	3	26	37	30	40	(1)	41
Maury	2	17	(1)	17	31	-	31
Meigs	3	19	33	23	26	31	33
Monroe	1	11	16	19	14	16	28
Montgomery		15	44	15	21	(1)	22
Moore	4	27	(1)	31	45	(1)	50
Morgan	2	10	18	11	14	24	17
Obion	3	21	(1)	21	24	(1)	25
Overton	2	9	(1)	10	15	(1)	15
Perry	1		46		12	(1)	12
Pickett	5	21	(1)	25	34	(1)	39
Polk	3	13	18	16	17	22	23
Putnam	3	13	50	13	19	(1)	20
Rhea	4	11	35	14	19	36	23
Roane	3	9	33	13	14	37	18
Robertson	3	17	(1)	17	24	(1)	24
Rutherford	3	25	47	30	34	-	34
Scott	2		19	8	10	21	13
Sequatchie	4	15	22	24	27	31	42
Sevier	4	13	22	19	21	23	30
Shelby	3	17	(1)	17	25	(1)	25
Smith	3	24	(1)	25	48	-	48
Stewart		9	(1)	9	12	(1)	13
Sullivan	4	14	(1)	15	19	(1)	18
Sumner	2	24	(1)	25	28	-	28
Tipton		16	(1)	17	20	-	20
Trousdale	3	24	40	30	44	-	44
Unicoi	4	13	36	16	22	35	31
Union	3	16	(1)	19	20	(1)	23
Van Buren	2	14	30	18	20	45	23
Warren	3	10	(1)	10	16	(1)	15
Washington	2	17	39	16	30	50	27
Wayne	2	7	45	8	11	42	12
Weakley	1	16	(1)	19	18	(1)	21
White	3	14	(1)	16	20	(1)	20
Williamson	3	10	36	12	16	47	17
Wilson	2	20	34	25	28	(1)	32
All counties	0.3	1.5	4.9	1.8	2.3	5.8	2.7

1 Exceeds 50 percent.

Table 37.--*Sampling errors for growing stock volume on* commerciat *forest land* by *species and Resource region,* 1980

Species	State	West	West Central	Central	Plateau	East
			percent			
Softwood:						
Shortleaf pine	9	24	37	(1)	13	13
Loblolly pine	17	32	(1)	(1)	35	29
Virginia pine	8	-		(1)	12	10
Pitch pine	24	-		-	(1)	23
Eastern white pine	16	-	-	(1)	28	18
Other southern pine	50	-	-			50
Redcedar	21	24	34	13	26	20
Hemlock	45	45	-		26	33
Cypress			(1)			
All softwoods	4.9	17.2	20.8	12.7	7.7	6.1
Hardwood:						
Select white oaks	4	11	6	10	7	9
Select red oaks	6	19	9	13	10	10
Other white oaks	4	14	8	14	9	8
Other red oaks	4	11	6	10	6	7
Water hickory	45	45	-	-	-	-
Other hickories	4	12	7	8	7	10
Persimmon	15	34	43	22	33	38
Hard maple	9	33	18	14	14	29
Soft maple	7	16	27	26	10	11
Boxelder	25	33	50	34	(1)	
Beech	11	30	21	23	23	23
Sweetgum	8	11	14	26	25	22
Blackgum	7	16	12	18	12	14
Other gums	(1)	(1)	-		(1)	
White ash	9	30	24	13	14	28
Other ashes	18	28	27	23	26	34
Sycamore	15	22	31	32	43	38
Cottonwood	47	48	(1)	-	-	-
Basswood	23	-	-	29	25	(1)
Yellow-poplar	6	17	11	12	9	10
Magnolia	22	(1)	-	(1)	33	30
Willow	(1)	(1)	(1)	(1)	(1)	
Black walnut	12	39	26	17	30	26
Black cherry	13	29	30	22	27	33
American elm	11	17	26	16	31	33
Other elms	9	16	19	15	30	28
River birch	30	35	-	(1)	(1)	(1)
Other birch	24	-	-	-	39	26
Hackberry	15	32	47	18	(1)	(1)
Black locust	13	(1)	(1)	21	26	21
Other locusts	23	42	(1)	28	-	-
Sassafras	16	47	38	22	39	30
Dogwood	14	30	27	32	26	33
Holly	(1)	(1)	-	(1)	(1)	-
Other hardwoods	21	(1)	(1)	34	29	39
All hardwoods	1.8	4.8	2.9	3.9	3.0	3.7
All species	1.5	4.3	2.8	3.7	2.5	2.7

1 Exceeds 50 percent.

Table 38.--*Sampling errors for sawtimber volume on commercial forest land by species and Resource region,* 1980

Species	State	West	West Central	Central	Plateau	East
			percent			
Softwood:						
Shortleaf pine	10	28	40	(1)	17	14
Loblolly pine	21	38	(1)	(1)	(1)	35
Virginia pine	9	-		(1)		11
Pitch pine	25					24
Eastern white pine	16	-	-	-	15	19
Other southern pine	(1)	-	-	-	(31	(1)
Redcedar	24	37	46		27	32
Hemlock	46	45			28	38
Cypress			(1)			
All softwoods	5.8	21.8	22.7	22.8	9.7	7.0
Hardwood:						
Select white oaks	5	13	8	13	9	11
Select red oaks	8	24	12	13	11	12
Other white oaks	6	20	12	18	11	10
Other red oaks	5	14	8	12	8	10
Water hickory	46	46			-	
Other hickories	5	16	10	10	9	13
Persimmon	37	(1)	(1)	41	(1)	-
Hard maple	13	47	31	22	18	44
Soft maple	11	24	39	35	16	18
Boxelder	34	39	(1)	50	(1)	
Beech	13	42	27	26	26	29
Sweetgum	12	15	19	28	35	40
Blackgum	10	22	21	33	16	22
Other gums	(1)	(1)				
White ash	12	41	36	19	20	31
Other ashes	25	37	32	31	36	(1)
Sycamore	18	25	42	37	(1)	44
Cottonwood	(1)	(1)	(1)	-	-	-
Basswood	26	-	-	30	30	(1)
Yellow-poplar	7	22	15	15	11	12
Magnolia	28	(1)	-		42	39
Willow	(1)	(1)	(1)	-	-	-
Black walnut	16	(1)	37	30	33	32
Black cherry	21	(1)	(1)	30	34	50
American elm	15	23	39	25	46	41
Other elms	15	33	29	27	42	39
River birch	39	45		(1)	(1)	
Other birch	(1)	-	-		(1)	(1)
Hackberry	21	41	(1)	24	-	(1)
Black locust	22	(1)	(1)	35	37	39
Other locusts	43	(1)	(1)	(1)	-	-
Sassafras	27	(1)	(1)	36	48	(1)
Dogwood	(1)	(1)	-	-	-	
Holly	(1)	(1)	-	-	-	
Other hardwoods	30	(1)	(1)	(1)	37	49
All hardwoods	2.7	6.8	4.8	5.9	4.5	5.3
All species	2.3	6.2	4.6	5.8	3.9	4.0

1 Exceeds 50 percent.

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Tabulates forest resource information from a new inventory of Tennessee.

Additional keywords Area, volume forest type, stand-size, ownership, growth, removals.