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Midsouth Timber Statistics

William H. McWilliams and Richard A. Birdsey

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INTRODUCTION

The Forest Inventory and Analysis Unit of the Southern Forest Experiment Station (Forest Survey) conducts periodic inventories about every 10 years covering forest resources of the Midsouth states (fig. 1). This report summarizes recent resource inventories of Alabama, Arkansas, Louisiana, Mississippi, East Oklahoma, Tennessee, and East Texas. Appendix tables present summaries of timberland area, growing-stock volume, ownership class, forest class, site class, and stocking level (refer to Definition of Terms for clarification).

Information contained in this report was compiled from Forest Survey's plot-level data base as part of a review of the Southern timber supply situation. Area and volume statistics may not exactly parallel previously published statistics because sample plot data was not adjusted to agree with enumerated National Forest data as has been done in some publications. Deviations are most notable for ownership breakdowns. Readers interested in updated forest area statistics that include adjustments for the National Forest ownership should refer to a companion report on trends in forest area (Birdsey and McWilliams 1985).

OWNERSHIP

Midsouth forest resources are controlled by private owners including forest industry, farmer, miscellaneous corporate, and other private categories. The largest portion of timberland (38 percent) is in the other private category (fig. 2). Other private owners and farmers have smaller shares of growing-stock and sawtimber volumes than of timberland area. Forest industry has higher proportions of both growing-stock and sawtimber volumes than of timberland area. Forest industry stands are concentrated on better sites with higher stocking. Miscellaneous corporate owners hold 6 percent of Midsouth timberland and a similar share of the volume.

National forest land occupies 7 percent of the timberland base with a considerably higher proportion of volume. National Forest timber stands are relatively older than private forests. Other public owners account for only 4 percent of Midsouth timberland.

FOREST CLASS

Pine and mixed pine-hardwood types constitute roughly half of the Midsouth's timberland. Natural pine is the most prevalent, contributing the bulk of both growing-stock and sawtimber volumes (fig. 3). Pine plantations comprise only 6 percent of the timberland and slightly smaller volumes. The most current statistics are based on relatively old information for some states, and hence do not reflect recent increases in the area of pine plantations, especially in the forest industry ownership class. Also, some young pine plantations are classified as mixed pine-hardwood or hardwood types until pines outgrow hardwood competition to achieve a plurality of stocking (table I). Most of this acreage represents partially successful plantations and plantations with considerable hardwood competition. Conversion of natural pine and mixed pine-hardwoods to pine plantations has increased dramatically since the mid 1970's and will account for a larger share of the South's timberland

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in the future (Birdsey and Mcwilliams 1986; McWilliams and Birdsey 1984). This shift will show up most prominently on forest industry properties. Increases in forest industry softwood growing-stock inventory can be expected as an increasing number of plantation trees grow into the lower limit of merchantability used by Forest Survey (5.0 inches diameter at breast height).

Upland hardwoods occupy more than one-third of the Midsouth timberland area but comprise considerably less of the growing-stock volume. Individual hardwood trees usually contain less merchantable volume than pines of the same diameter. Moreover, upland oaks tend to be concentrated on poorer sites and receive less active forest management than pine types.

Bottomland hardwoods account for 17 percent of the timberland area and somewhat higher shares of both growing-stock and sawtimber volumes.

PRODUCTIVITY

Productivity is assessed by using species that are present at the time of measurement. The data show that about half of the timberland is capable of growing 85 cubic feet or more per acre annually (fig. 4). Such sites carry relatively higher proportions of both growing-stock and sawtimber volumes. The remaining acreage occurs primarily on medium sites and only a minor portion occurs on poor sites.

STOCKING

Stocking, as used in this bulletin, is a measure of the degree to which a site is occupied by growing-stock trees. Forest Survey estimates stocking in relation to a density standard based on a plot-level tree count. When a large number of plots are grouped, the level of tree stocking relates directly to volume production. More than three-fourths of the timberland area in the Midsouth is at least 60 percent stocked with growing-stock trees (fig. 5). This land base contributes 90 percent of both growing-stock and sawtimber volumes.

RELIABILITY

The data on forest acreage and timber volume were estimated from a systematic sampling method involving a forest-nonforest classification on aerial photographs and on-the-ground measurements of trees at sample locations. The sample locations were at the intersections of a grid of lines spaced 3 miles apart.

Forest Survey sampling methods provide accurate estimates of timberland area and volume at the Midsouth region level (table II). State-level sampling errors are slightly higher. Sampling errors increase as the area considered decreases. Estimates of sampling errors for the various breakdowns of timber statistics presented in this bulletin can be derived using the following:

$$SE_{TS} = \frac{SE_T \sqrt{X_T}}{\sqrt{X_{TS}}}$$

where:

SE_{TS} = standard error of estimate for the timber statistic (area or volume) of interest (expressed as a percent)

SE_T = standard error of estimate for the state or Midsouth region (expressed as a percent)

X_T = state or Midsouth total for the variable of interest (area or volume)

X_{TS} = total for the timber statistic of interest (area or volume)

As an example, the standard error percent for high site natural pine timberland owned by forest industry in the Midsouth is computed as follows:

SE_T = 0.1 (table II)

X_T = 98,298.3 (table 1 of Appendix)

X_{TS} = 4,411.6 (table 1 of Appendix)

$$SE_{TS} = \frac{0.1\sqrt{98,298.3}}{\sqrt{4,411.6}}$$

= 0.5 percent.

Therefore, the area of high site natural pine timberland owned by forest industry in the Midsouth lies between 4,389.5 and 4,433.7 thousand acres with a probability of two chances out of three. The computation of sampling errors for any other breakdown of timberland area or volume follows this logic.

DEFINITIONS OF TERMS

Forest class.--A classification of Forest Survey plots according to forest type (based on the plurality of all live trees tallied) and stand origin.

Pine plantations.--Forests in which pines comprise the plurality of stocking and that originated from either planting or direct seeding.

Natural pine.--Forests in which pines comprise the plurality of stocking with no evidence of artificial regeneration (includes stands established by seed trees).

Mixed pine-hardwoods.--Forests in which hardwoods comprise the plurality of stocking, but in which pines comprise 25 to 50 percent of the stocking.

Upland hardwoods.--Forests in which upland hardwood species, singly or in combination, comprise the plurality of stocking, except where pines comprise 25 to 50 percent of the stocking, in which case the plot would be classified as mixed pine-hardwoods.

Bottomland hardwoods.--Includes forests in which bottomland hardwood species, singly or in combination, comprise a plurality of stocking except where pines comprise 25 to 50 percent, in which case the plot would be classified mixed pine-hardwoods.

Growing-stock volume.--The volume of sound wood in the bole of trees 5.0 inches dbh and larger from a 1-foot stump to a minimum 4.0-inch top diameter (outside bark) or to a point where the central stem breaks into limbs. Trees that are unmerchantable for saw logs (currently or potentially because of defect or rot) are excluded.

Ownership Classes

National Forest.--Federal lands which have been legally designated as National Forests or purchase units, and other lands under the administration of the Forest Service.

Other public.--Land owned by federal (excluding National Forest land), state, county, or municipal governments.

Forest industry.--Land owned or leased by companies or individuals operating wood-using plants.

Farmer.--Lands from which $1,000 or more of agricultural products were sold or normally would have been sold during a year's operation.

Miscellaneous corporate.--Land held by any corporation not operating a wood-using plant.

Other private.--Privately owned land excluding land owned by forest industry, farmer, and miscellaneous corporate classes.

Sawtimber volume.--The volume of sound wood in the saw-log portion of softwood trees 9.0 inches dbh and larger, and hardwood trees 11.0 inches dbh and larger, containing at least one 12-foot saw log. Sawtimber volume is expressed in board feet, International Rule, 1/4 inch kerf.

Site class.--A classification of forest land based on potential yield in cubic feet per acre of mean annual growth at culmination of the increment in fully stocked natural stands.

High--85 or more cubic feet per acre, per year.

Medium--50 to 85 cubic feet per acre, per year.

Poor--less than 50 cubic feet per acre, per year.

Stocking.--A measure of the extent to which the growth potential of the site is utilized by trees or preempted by vegetative cover. Stocking is determined by comparing the stand density in terms of number of trees or basal area with a specified standard. The tabulation below shows the density standard in terms of trees per acre, by size class, required for full stocking:

D.b.h. (inches)	Number of trees
Seedlings	600
2	560
4	460
6	340
8	240
10	155
12	115
14	90
16	72
18	60
20	51
22	42
24	36
26	31
28	27
30	24

Stocking level is classified as follows:

High--100 percent or more stocked.

Medium--60 to 100 percent stocked.

Low--less than 60 percent stocked.

Timberland.--Land at least 16.7 percent stocked by forest trees of any size or formerly having such tree cover, that is capable of producing crops of industrial wood. Land that is currently developed for nonforest use or withdrawn from timber utilization through statute or administrative regulation is excluded.

LITERATURE CITED

Birdsey, R. A. and McWilliams, W. H. Midsouth forest acreage trends. Resour. Bull. SO-. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 1986 (In press).

McWilliams, W. H. and Birdsey, R. A. Loblolly pine resource of the Midsouth. In: Proceedings of the symposium on the Loblolly pine ecosystem (West Region). Jackson, MS, 3/20/84-3/22/84. 1984. pp. 41-58.

Table I.--*Area of timberland classified as plantations by state, survey year, and forest class, Midsouth.*

State	Survey year	Pine plantations	Mixed pine-hardwoods	Hardwoods[1]
		thousand acres		
Alabama	1982	2,008.1	526.0	256.9
Arkansas	1978	437.8	275.0	173.4
Louisiana	1984	1,470.8	221.1	273.0
Mississippi	1977	1,121.1	404.7	304.7
Oklahoma	1976	43.9	38.1	28.4
Tennessee	1980	314.4	86.3	130.9
Texas	1975	569.6	61.8	60.3
Midsouth		5,965.7	1,613.0	1,227.6

[1]Includes upland hardwoods and bottomland hardwoods.

Table II.--*Sampling errors for estimates of timberland, and growing-stock volumes, Midsouth.*

Sampling[1] error	Year of survey	Timberland	Growing-stock[2] volume
		percent	
Alabama	1982	0.3	1.4
Arkansas	1978	0.3	1.3
Louisiana	1984	0.3	1.9
Mississippi	1977	0.3	1.4
Oklahoma	1976	0.7	3.4
Tennessee	1980	0.3	1.5
Texas	1975	0.3	1.6
Midsouth		0.1	0.6

[1]By random-sampling formula.
[2]Growing-stock volume on timberland.

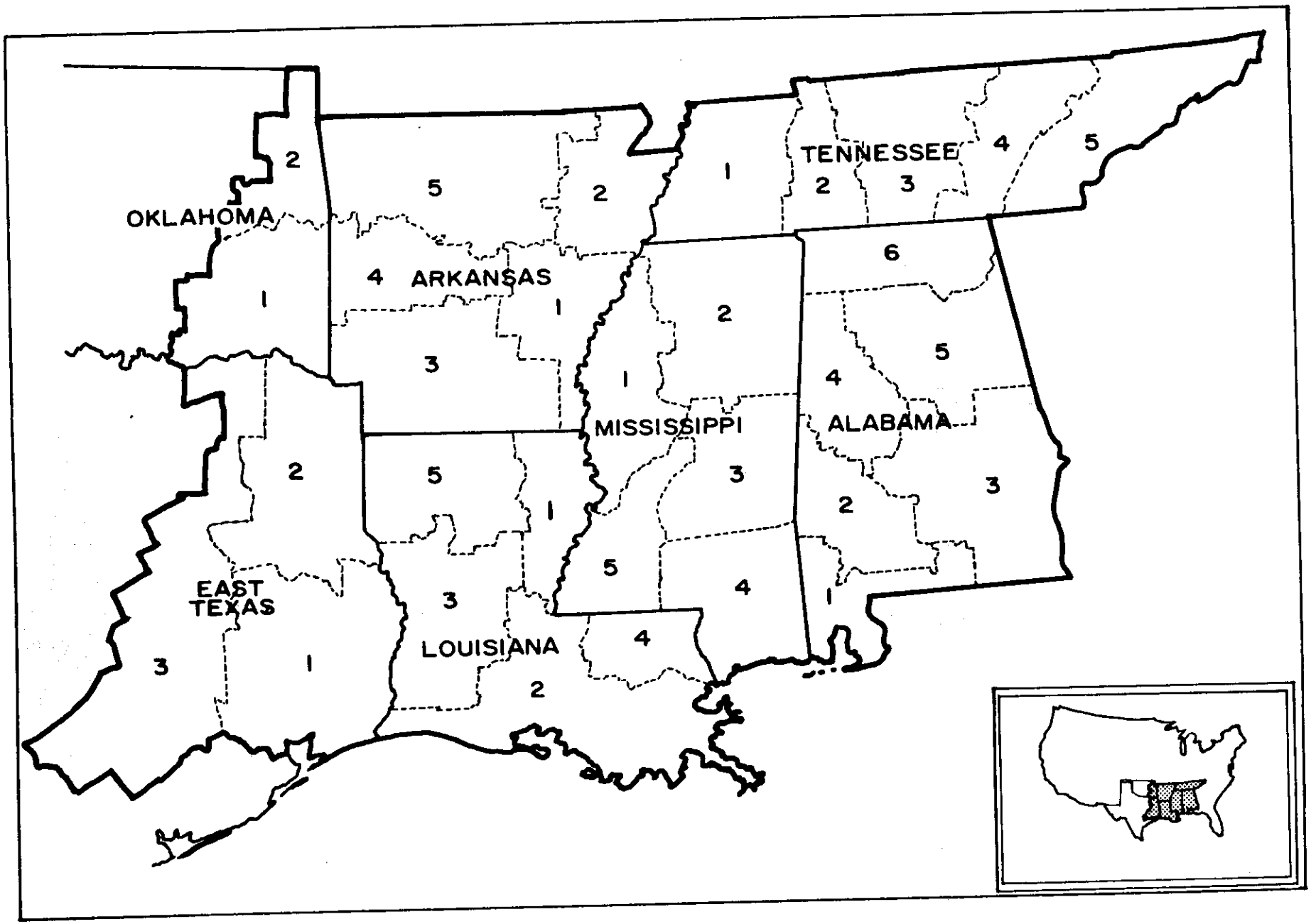

Figure 1.--*States and survey regions of the Midsouth.*

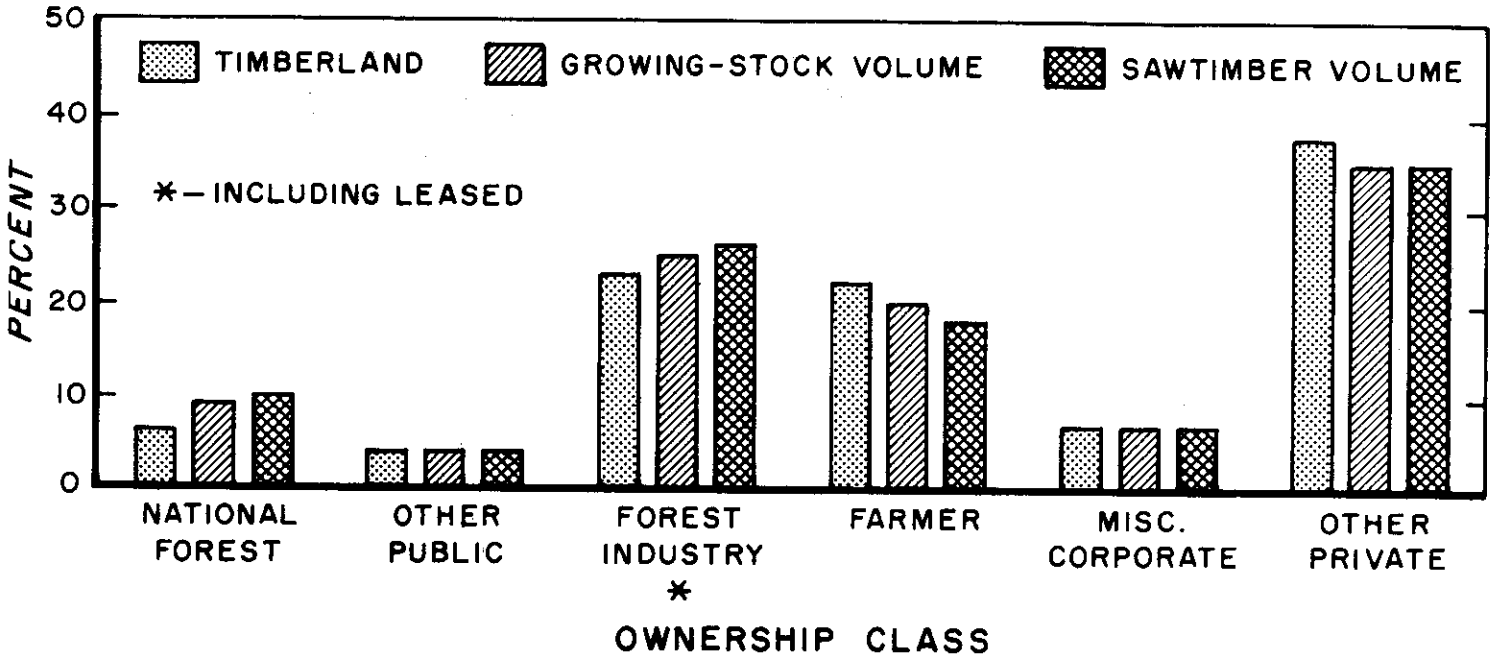

Figure 2.--*Percentage of timberland area, growing-stock volume, and sawtimber volume by ownership class, Midsouth.*

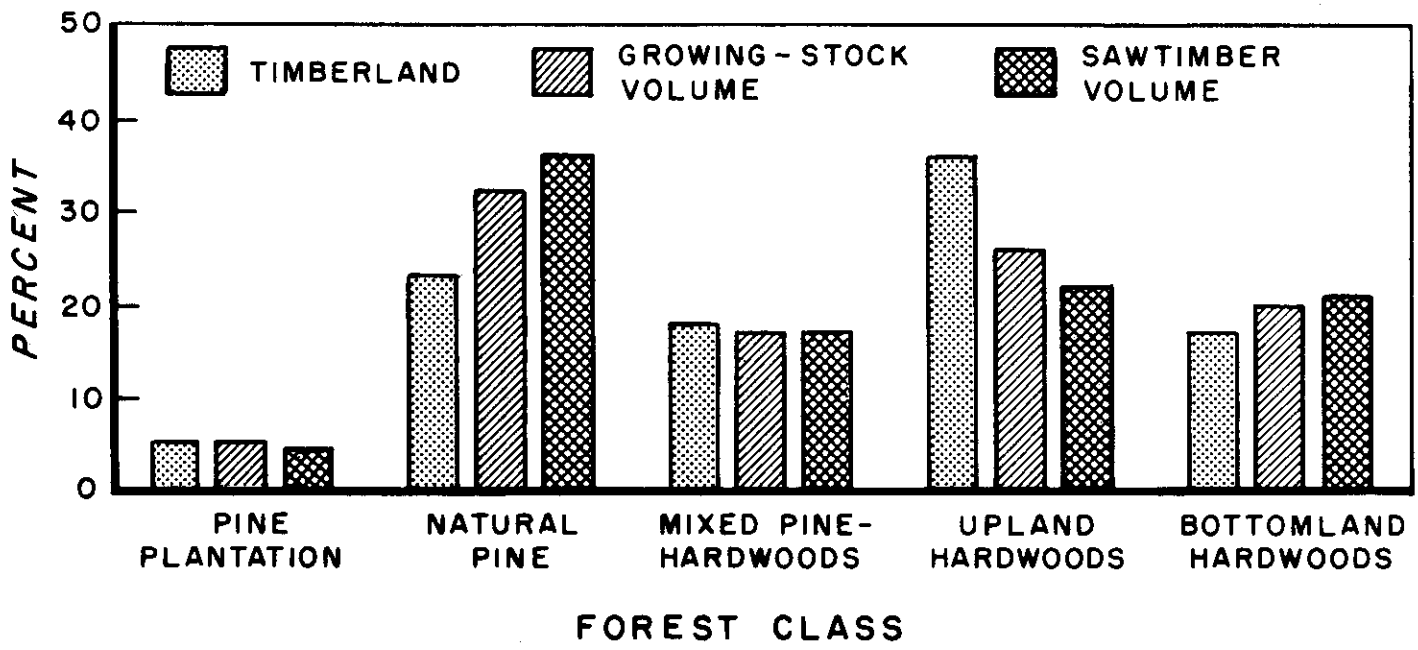

Figure 3.--*Percentage of timberland area, growing-stock volume, and sawtimber volume by forest class, Midsouth.*

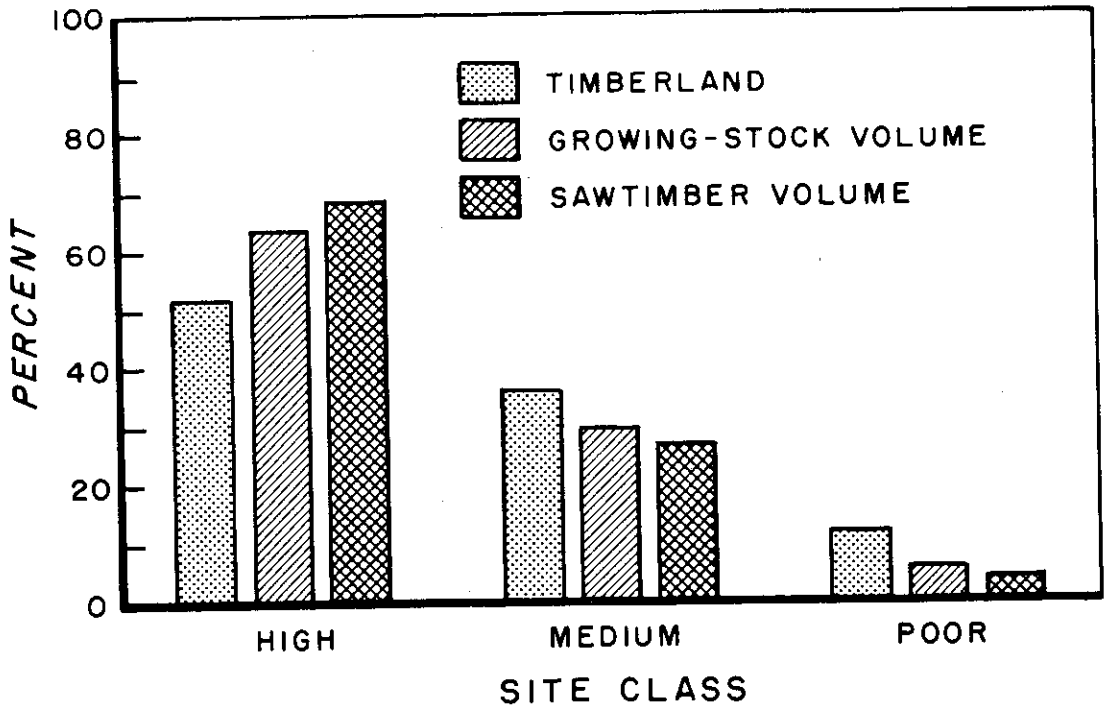

Figure 4.--*Percentage of timberland area, growing-stock volume, and sawtimber volume by site class, Midsouth.*

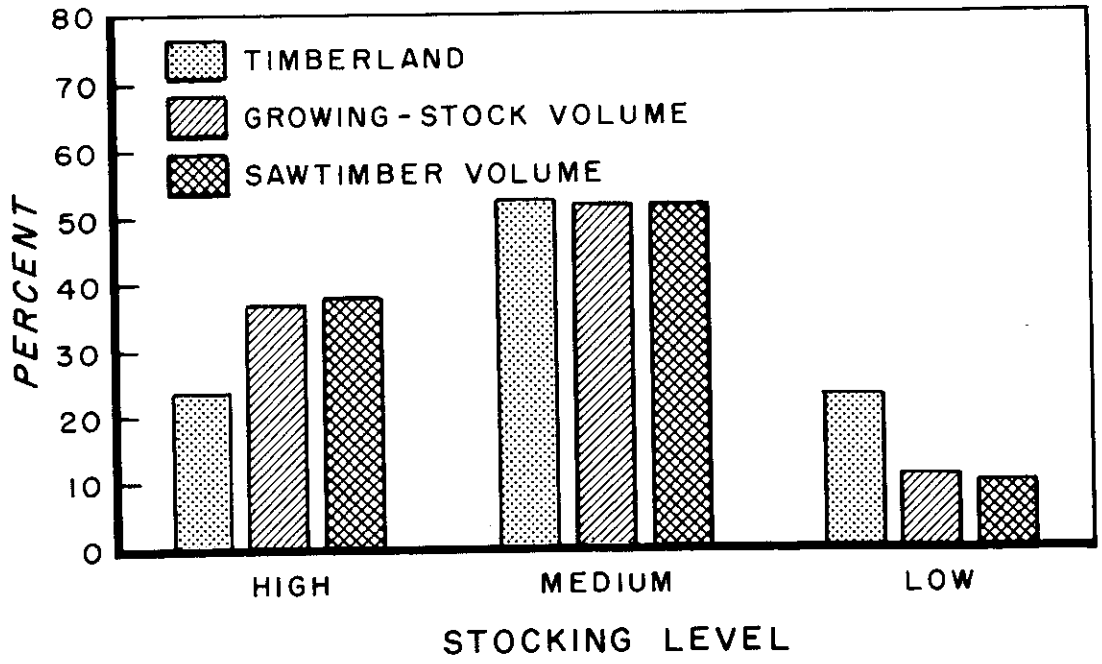

Figure 5.--*Percentage of timberland area, growing-stock volume, and sawtimber volume by stocking level, Midsouth.*

APPENDIX TABLES

Table 1. Area of timberland by ownership class, site class, and forest class, Midsouth. 11

Table 2. Area of timberland by ownership class, stocking level, and forest class, Midsouth. 12

Table 3. Volume of softwood growing stock by ownership class, site class, and forest class, Midsouth 13

Table 4. Volume of hardwood growing stock by ownership class, site class, and forest class, Midsouth. 14

Table 5. Area of timberland by ownership class, site class, and forest class, Alabama, 1982 15

Table 6. Area of timberland by ownership class, stocking level, and forest class, Alabama, 1982 16

Table 7. Volume of softwood growing stock by ownership class, site class, and forest class, Alabama, 1982. 17

Table 8. Volume of hardwood growing stock by ownership class, site class, and forest class, Alabama, 1982 18

Table 9. Area of timberland by ownership class, site class, and forest class, Arkansas, 1978. 19

Table 10. Area of timberland by ownership class, stocking level, and forest class, Arkansas, 1978. 20

Table 11. Volume of softwood growing stock by ownership class, site class, and forest class, Arkansas, 1978 21

Table 12. Volume of hardwood growing stock by ownership class, site class, and forest class, Arkansas, 1978. 22

Table 13. Area of timberland by ownership class, site class, and forest class, Louisiana, 1984 23

Table 14. Area of timberland by ownership class, stocking level, and forest class, Louisiana, 1984 24

Table 15. Volume of softwood growing stock by ownership class, site class, and forest class, Louisiana, 1984. 25

Table 16. Volume of hardwood growing stock by ownership class, site class, and forest class, Louisiana, 1984 26

Table 17. Area of timberland by ownership class, site class, and forest class, Mississippi, 1977 27

Table 18. Area of timberland by ownership class, stocking level, and forest class, Mississippi, 1977 28

Table 19. Volume of softwood growing stock by ownership class, site class, and forest class, Mississippi, 1977. 29

Table 20. Volume of hardwood growing stock by ownership class, site class, and forest class, Mississippi, 1977 30

Table 21. Area of timberland by ownership class, site class, and forest class, Oklahoma, 1976 31

Table 22. Area of timberland by ownership class, stocking level, and forest class, Oklahoma, 1976 32

Table 23. Volume of softwood growing stock by ownership class, site class, and forest class, Oklahoma, 1976 33

Table 24. Volume of hardwood growing stock by ownership class, site class, and forest class, Oklahoma, 1976 34

Table 25. Area of timberland by ownership class, site class, and forest class, Tennessee, 1980 35

Table 26. Area of timberland by ownership class, stocking level, and forest class, Tennessee, 1980 36

Table 27. Volume of softwood growing stock by ownership class, site class, and forest class, Tennessee, 1980 37

Table 28. Volume of hardwood growing stock by ownership class, site class, and forest class, Tennessee, 1980 38

Table 29. Area of timberland by ownership class, site class, and forest class, Texas, 1975 39

Table 30. Area of timberland by ownership class, stocking level, and forest class, Texas, 1975 40

Table 31. Volume of softwood growing stock by ownership class, site class, and forest class, Texas, 1975 41

Table 32. Volume of hardwood growing stock by ownership class, site class, and forest class, Texas, 1975. 42

Table 1.--*Area of timberland by ownership class, site class, and forest class, Midsouth*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	2,617.2	168.5	1,285.0	525.5	427.4	210.8
	Medium	2,609.5	58.5	1,052.9	626.2	825.7	46.4
	Poor	1,081.2	17.2	196.7	155.4	694.7	17.2
	All sites	6,308.0	244.2	2,534.6	1,307.0	1,947.7	274.5
Other public	High	1,637.6	17.3	281.5	227.5	304.2	807.0
	Medium	1,336.7	45.2	174.7	168.9	474.1	473.8
	Poor	510.3	6.1	46.3	63.1	347.5	47.3
	All sites	3,484.6	68.6	502.5	459.5	1,125.8	1,328.1
Forest industry[2]	High	14,241.4	1,930.5	4,411.6	2,962.7	2,443.7	2,492.9
	Medium	7,602.8	1,142.5	2,198.8	1,577.3	1,745.7	938.6
	Poor	1,202.8	124.2	237.4	259.1	535.6	46.5
	All sites	23,047.0	3,197.1	6,847.8	4,799.0	4,725.0	3,478.1
Farmer	High	10,552.1	461.5	2,101.9	1,735.6	3,635.7	2,617.5
	Medium	7,736.3	191.7	1,064.1	1,225.1	4,186.2	1,069.3
	Poor	2,917.2	28.1	244.5	344.8	2,182.0	117.8
	All sites	21,205.6	681.3	3,410.4	3,305.4	10,003.9	3,804.6
Miscellaneous corporate	High	3,219.2	172.1	819.6	509.1	672.5	1,046.0
	Medium	2,378.6	111.6	341.5	297.9	865.1	762.4
	Poor	874.0	11.7	80.9	96.6	520.1	164.6
	All sites	6,471.8	295.5	1,242.0	903.6	2,057.7	1,973.1
Other private	High	19,048.6	1,005.5	5,049.5	3,786.6	5,339.8	3,867.1
	Medium	13,797.8	444.0	2,814.1	2,400.5	6,053.5	2,085.8
	Poor	4,934.9	29.4	464.7	608.1	3,591.8	241.0
	All sites	37,781.3	1,479.0	8,328.3	6,795.1	14,985.0	6,193.8
All owners	High	51,316.1	3,755.4	13,949.1	9,746.9	12,823.2	11,041.3
	Medium	35,461.6	1,993.6	7,646.0	6,295.7	14,150.2	5,376.3
	Poor	11,520.4	216.7	1,270.6	1,527.0	7,871.7	634.4
	All sites	98,298.3	5,965.7	22,865.7	17,569.8	34,844.9	17,052.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 2.--*Area of timberland by ownership class, stocking level, and forest class, Midsouth*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	2,124.6	80.8	1,305.7	365.3	338.6	34.2
	Medium	3,424.8	133.8	1,115.0	808.6	1,216.3	151.1
	Low	758.6	29.5	113.9	133.1	392.9	89.2
	All levels	6,308.0	244.2	2,534.6	1,307.0	1,947.7	274.5
Other public	High	594.4	23.4	167.4	111.8	112.8	179.0
	Medium	1,876.3	28.5	271.0	231.6	706.7	638.5
	Low	1,013.9	16.8	64.2	116.1	306.2	510.7
	All levels	3,484.6	68.6	502.5	459.5	1,125.8	1,328.1
Forest industry[2]	High	7,569.8	1,722.0	2,963.9	1,399.2	880.1	604.7
	Medium	11,591.0	1,197.6	3,447.6	2,808.3	2,436.3	1,701.1
	Low	3,886.2	277.5	436.3	591.5	1,408.7	1,172.3
	All levels	23,047.0	3,197.1	6,847.8	4,799.0	4,725.0	3,478.1
Farmer	High	3,931.5	293.6	1,238.0	724.9	1,238.7	436.2
	Medium	11,415.9	345.1	1,755.7	1,963.0	5,547.5	1,804.7
	Low	5,858.2	42.6	416.7	617.5	3,217.7	1,563.7
	All levels	21,205.6	681.3	3,410.4	3,305.4	10,003.9	3,804.6
Miscellaneous corporate	High	1,613.3	160.4	574.3	224.6	257.4	396.5
	Medium	3,123.4	101.0	556.6	481.7	1,186.1	798.1
	Low	1,735.1	34.1	111.1	197.3	614.2	778.5
	All levels	6,471.8	295.5	1,242.0	903.6	2,057.7	1,973.1
Other private	High	8,058.2	739.1	3,251.9	1,362.2	1,874.0	831.0
	Medium	20,243.9	597.4	4,225.3	4,141.8	8,297.4	2,981.9
	Low	9,479.2	142.4	851.1	1,291.1	4,813.6	2,381.0
	All levels	37,781.3	1,479.0	8,328.3	6,795.1	14,985.0	6,193.8
All owners	High	23,891.7	3,019.4	9,501.2	4,188.0	4,701.6	2,481.4
	Medium	51,675.2	2,403.4	11,371.1	10,435.1	19,390.3	8,075.3
	Low	22,731.3	542.9	1,993.3	2,946.5	10,753.2	6,495.3
	All levels	98,298.3	5,965.7	22,865.7	17,569.8	34,844.9	17,052.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 3.--*Volume of softwood growing stock by ownership class, site class, and forest class, Midsouth*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	3,483.4	194.6	2,601.0	524.4	104.6	58.7
	Medium	2,104.4	40.1	1,624.3	349.9	90.1	...
	Poor	293.5	8.9	180.0	71.5	32.8	0.4
	All sites	5,881.3	243.5	4,405.3	945.9	227.5	59.1
Other public	High	853.4	25.3	511.4	177.9	46.7	92.0
	Medium	389.5	23.7	159.8	92.5	55.0	58.5
	Poor	52.1	3.5	15.4	14.9	6.9	11.4
	All sites	1,294.9	52.5	686.6	285.3	108.6	161.9
Forest industry[2]	High	11,386.6	1,695.1	6,606.8	2,181.0	461.4	442.3
	Medium	3,793.9	474.4	2,163.3	815.9	180.9	159.4
	Poor	303.7	29.6	150.4	74.7	34.5	14.4
	All sites	15,484.1	2,199.1	8,920.6	3,071.7	676.7	616.1
Farmer	High	5,187.9	567.2	2,842.2	1,171.8	367.3	239.5
	Medium	1,821.2	148.3	900.8	454.0	221.9	96.3
	Poor	266.2	8.4	109.5	81.4	47.4	19.5
	All sites	7,275.3	723.9	3,852.5	1,707.1	636.6	355.2
Miscellaneous corporate	High	2,370.2	244.3	1,397.0	332.3	91.8	304.7
	Medium	931.2	52.0	317.4	135.1	62.1	364.7
	Poor	153.2	14.3	44.8	28.7	17.5	47.9
	All sites	3,454.5	310.6	1,759.1	496.1	171.5	717.3
Other private	High	12,404.5	1,236.1	7,440.1	2,527.5	767.4	433.3
	Medium	4,556.3	335.0	2,271.9	1,059.4	415.3	474.6
	Poor	530.6	6.9	176.1	184.0	87.8	75.8
	All sites	17,491.3	1,578.1	9,888.2	3,770.9	1,270.5	983.7
All owners	High	35,685.9	3,962.7	21,398.6	6,915.0	1,839.2	1,570.5
	Medium	13,596.4	1,073.5	7,437.6	2,906.7	1,025.3	1,153.5
	Poor	1,599.3	71.7	676.2	455.3	226.9	169.3
	All sites	50,881.7	5,107.8	29,512.3	10,276.9	3,091.4	2,893.2

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 4.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Mideouth*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million board feet					
National forest	High	1,349.8	9.7	280.4	321.7	458.5	279.5
	Medium	1,149.0	0.8	155.7	205.3	743.8	43.3
	Poor	667.4	...	15.4	62.3	575.3	14.3
	All sites	3,166.2	10.5	451.5	589.3	1,777.7	337.2
Other public	High	1,536.6	1.3	68.6	130.4	310.4	1,025.9
	Medium	805.0	2.2	21.1	59.3	358.0	364.3
	Poor	207.2	1.9	1.4	11.3	155.0	37.5
	All sites	2,548.8	5.4	91.2	200.9	823.5	1,427.7
Forest industry[2]	High	6,830.8	60.6	735.9	1,252.1	1,567.3	3,214.9
	Medium	2,666.7	27.5	216.5	448.3	913.2	1,061.3
	Poor	314.1	0.4	13.2	33.6	249.7	17.2
	All sites	9,811.7	88.5	965.5	1,734.0	2,730.3	4,293.4
Farmer	High	7,065.8	42.2	396.6	839.3	3,010.6	2,777.1
	Medium	4,216.0	13.1	124.3	352.2	2,958.2	768.2
	Poor	1,265.9	...	28.3	85.2	1,043.5	109.0
	All sites	12,547.7	55.3	549.2	1,276.6	7,012.3	3,654.3
Miscellaneous corporate	High	2,165.8	7.4	165.1	246.1	497.3	1,250.1
	Medium	1,438.5	0.7	26.7	102.4	598.7	710.1
	Poor	339.5	...	9.3	16.7	273.9	39.7
	All sites	3,943.8	8.0	201.0	365.1	1,369.8	1,999.8
Other private	High	11,352.2	91.2	990.3	1,701.1	4,230.7	4,339.0
	Medium	6,651.7	17.2	297.2	719.0	3,884.4	1,733.8
	Poor	1,852.2	1.3	28.5	131.7	1,543.5	147.1
	All sites	19,856.1	109.7	1,316.1	2,551.8	9,658.6	6,219.9
All owners	High	30,301.1	212.4	2,637.0	4,490.5	10,074.7	12,886.4
	Medium	16,926.8	61.4	841.5	1,886.4	9,456.4	4,681.1
	Poor	4,646.3	3.6	96.0	340.9	3,841.0	364.8
	All sites	51,874.3	277.5	3,574.5	6,717.8	23,372.2	17,932.3

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 5.--*Area of timberland by ownership class, site class, and forest class, Alabama, 1982*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	339.3	5.2	133.7	104.1	90.2	6.2
	Medium	274.9	5.7	93.4	114.8	61.0	...
	Poor	74.3	11.3	29.1	5.6	28.3	...
	All sites	688.6	22.2	256.2	224.6	179.5	6.2
Other public	High	270.9	...	58.4	63.0	52.1	97.4
	Medium	175.3	16.0	24.3	37.6	86.2	11.2
	Poor	25.4	...	6.0	6.2	13.3	...
	All sites	471.7	16.0	88.6	106.8	151.6	108.6
Forest industry[2]	High	3,181.6	620.8	834.9	678.2	659.2	388.5
	Medium	1,688.2	437.9	385.3	341.5	387.3	136.2
	Poor	247.0	45.3	58.2	38.2	87.0	18.2
	All sites	5,116.8	1,104.0	1,278.5	1,057.9	1,133.6	542.9
Farmer	High	3,656.1	198.1	840.9	654.6	1,279.3	683.2
	Medium	1,875.2	70.0	303.3	384.9	925.2	191.9
	Poor	242.0	5.6	49.9	80.2	89.1	17.2
	All sites	5,773.3	273.6	1,194.1	1,119.8	2,293.6	892.3
Miscellaneous corporate	High	990.6	39.7	317.8	244.0	315.2	74.1
	Medium	525.9	68.5	87.1	95.7	251.1	23.6
	Poor	119.8	...	54.6	28.6	36.5	...
	All sites	1,636.3	108.1	459.5	368.3	602.8	97.7
Other private	High	4,789.9	326.5	1,239.1	1,025.7	1,613.6	585.0
	Medium	2,724.2	151.7	712.4	580.3	1,087.5	192.3
	Poor	457.9	6.0	123.7	79.6	219.9	28.8
	All sites	7,972.0	484.2	2,075.2	1,685.6	2,921.0	806.1
All owners	High	13,228.4	1,190.2	3,424.8	2,769.5	4,009.6	1,834.3
	Medium	7,263.8	749.8	1,605.7	1,554.9	2,798.3	555.2
	Poor	1,166.5	68.1	321.5	238.4	474.2	64.2
	All sites	21,658.8	2,008.1	5,352.0	4,562.9	7,282.1	2,453.7

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 6.--*Area of timberland by ownership class, stocking level, and forest class, Alabama, 1982*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	220.2	10.9	100.0	52.8	50.2	6.2
	Medium	366.3	5.7	115.3	142.8	102.4	...
	Low	102.2	5.5	40.8	28.9	26.9	...
	All levels	688.6	22.2	256.2	224.6	179.5	6.2
Other public	High	129.8	10.5	35.8	23.7	36.5	23.2
	Medium	195.4	...	40.7	16.9	81.9	56.0
	Low	146.4	5.4	12.2	66.2	33.2	29.4
	All levels	471.7	16.0	88.6	106.8	151.6	108.6
Forest industry[2]	High	2,119.1	630.1	573.8	432.5	287.7	195.0
	Medium	2,136.8	384.7	581.4	496.8	478.9	195.0
	Low	860.9	89.2	123.3	128.6	367.0	152.9
	All levels	5,116.8	1,104.0	1,278.5	1,057.9	1,133.6	542.9
Farmer	High	1,353.8	108.9	378.3	291.2	427.7	147.7
	Medium	2,959.6	140.7	626.0	542.3	1,292.8	357.8
	Low	1,460.0	24.1	189.7	286.3	573.2	386.7
	All levels	5,773.3	273.6	1,194.1	1,119.8	2,293.6	892.3
Miscellaneous corporate	High	480.2	62.7	202.7	81.2	110.3	23.4
	Medium	772.4	28.1	185.8	206.0	318.2	34.3
	Low	383.7	17.4	71.0	81.1	174.2	40.0
	All levels	1,636.3	108.1	459.5	368.3	602.8	97.7
Other private	High	2,203.1	225.0	846.2	399.7	560.0	172.2
	Medium	4,011.8	183.3	937.4	951.7	1,554.9	384.4
	Low	1,757.1	75.8	291.6	334.2	806.1	249.4
	All levels	7,972.0	484.2	2,075.2	1,685.6	2,921.0	806.1
All owners	High	6,506.1	1,048.1	2,136.8	1,281.1	1,472.3	567.7
	Medium	10,442.4	742.5	2,486.6	2,356.5	3,829.2	1,027.5
	Low	4,710.3	217.5	728.5	925.3	1,980.6	858.4
	All levels	21,658.8	2,008.1	5,352.0	4,562.9	7,282.1	2,453.7

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 7.--*Volume of softwood growing stock by ownership class, site class, and forest class, Alabama, 1982*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	381.8	1.5	256.4	86.3	31.8	5.8
	Medium	202.2	1.3	136.4	54.7	9.8	...
	Poor	35.4	...	32.4	3.0	...	...
	All sites	619.3	2.8	425.2	144.0	41.5	5.8
Other public	High	174.4	...	98.1	44.6	12.9	18.8
	Medium	43.2	...	20.8	13.5	8.9	...
	Poor	3.3	...	0.8	2.0	0.4	...
	All sites	220.9	...	119.7	60.1	22.3	18.8
Forest industry[2]	High	2,275.7	464.9	1,204.2	429.1	110.9	66.7
	Medium	781.3	176.8	350.8	164.8	44.9	44.0
	Poor	65.1	15.9	30.4	8.1	7.0	3.6
	All sites	3,122.2	657.7	1,585.4	602.0	162.7	114.4
Farmer	High	2,169.9	267.8	1,173.7	489.1	172.6	66.7
	Medium	575.0	35.3	277.9	161.5	88.3	11.9
	Poor	38.5	...	17.7	17.5	1.9	1.4
	All sites	2,783.5	303.2	1,469.3	668.1	262.9	80.0
Miscellaneous corporate	High	696.8	21.3	482.2	137.6	48.5	7.2
	Medium	165.4	16.4	85.5	35.7	23.6	4.3
	Poor	34.1	...	27.1	6.9	...	...
	All sites	896.3	37.6	594.8	180.2	72.1	11.5
Other private	High	2,846.4	321.8	1,632.1	619.0	214.5	59.0
	Medium	1,071.5	89.1	577.7	266.6	100.7	37.4
	Poor	95.7	...	53.2	29.0	12.4	1.1
	All sites	4,013.6	410.9	2,263.0	914.6	327.6	97.6
All owners	High	8,545.0	1,077.3	4,846.5	1,805.7	591.2	224.2
	Medium	2,838.6	318.8	1,449.2	696.8	276.2	97.6
	Poor	272.0	15.9	161.8	66.5	21.6	6.2
	All sites	11,655.7	1,412.1	6,457.4	2,569.0	889.1	328.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 8.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Alabama, 1982*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	196.9	1.6	30.3	48.2	108.6	8.3
	Medium	74.7	...	4.9	33.5	36.3	...
	Poor	18.4	...	1.9	...	16.5	...
	All sites	290.0	1.6	37.1	81.7	161.3	8.3
Other public	High	203.7	...	15.2	23.5	49.6	115.4
	Medium	85.5	...	...	5.2	76.8	3.5
	Poor	9.3	...	...	1.0	8.3	...
	All sites	298.4	...	15.2	29.7	134.6	118.9
Forest industry[2]	High	1,275.7	17.4	145.6	213.7	387.5	511.5
	Medium	576.0	11.7	33.9	105.1	193.2	232.0
	Poor	41.0	0.4	2.2	3.3	23.4	11.7
	All sites	1,892.6	29.6	181.6	322.1	604.1	755.2
Farmer	High	2,194.5	18.2	142.0	322.8	946.8	764.6
	Medium	921.0	5.1	22.9	113.9	607.1	172.0
	Poor	85.1	...	3.6	20.8	49.0	11.7
	All sites	3,200.6	23.4	168.5	457.6	1,602.9	948.3
Miscellaneous corporate	High	434.4	3.0	58.0	87.2	188.3	97.9
	Medium	235.3	...	9.4	31.3	160.6	33.9
	Poor	22.6	...	4.4	1.3	16.8	...
	All sites	692.3	3.0	71.8	119.8	365.8	131.8
Other private	High	2,516.4	21.6	245.6	378.3	1,138.4	732.5
	Medium	1,028.0	6.0	65.4	166.9	595.4	194.3
	Poor	131.9	...	1.6	9.8	106.3	14.2
	All sites	3,676.3	27.6	312.7	554.9	1,840.1	941.0
All owners	High	6,821.6	61.8	636.7	1,073.8	2,819.2	2,230.1
	Medium	2,920.4	22.9	136.6	455.9	1,669.4	635.7
	Poor	308.2	0.4	13.7	36.2	220.3	37.6
	All sites	10,050.2	85.1	786.9	1,565.9	4,708.9	2,903.4

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 9.--*Area of timberland by ownership class, site class, and forest class, Arkansas, 1978*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	242.5	5.9	114.8	58.1	63.6	...
	Medium	1,315.7	5.9	527.0	285.9	485.9	11.1
	Poor	753.5	5.9	110.8	110.4	526.3	...
	All sites	2,311.6	17.7	752.6	454.4	1,075.8	11.1
Other public	High	262.9	...	22.3	10.6	23.0	207.0
	Medium	279.9	5.9	11.4	23.1	74.1	165.4
	Poor	132.2	...	...	11.5	105.2	15.5
	All sites	675.0	5.9	33.7	45.1	202.4	387.9
Forest industry[2]	High	2,508.3	98.1	1,023.2	438.8	324.0	624.2
	Medium	1,442.2	93.1	547.6	429.3	217.1	155.0
	Poor	281.0	10.4	55.8	73.9	135.7	5.2
	All sites	4,231.4	201.6	1,626.6	942.0	676.9	784.4
Farmer	High	873.5	50.3	178.6	146.0	126.7	372.0
	Medium	1,123.6	17.0	164.1	140.0	573.0	229.4
	Poor	950.0	5.5	34.9	114.9	768.9	26.0
	All sites	2,947.1	72.8	377.6	400.8	1,468.6	627.3
Miscellaneous corporate	High	230.4	...	71.5	22.6	16.0	120.3
	Medium	213.1	...	40.8	42.5	88.6	41.2
	Poor	260.9	5.5	10.9	28.2	203.1	13.2
	All sites	704.3	5.5	123.2	93.3	307.7	174.7
Other private	High	2,048.6	102.0	508.0	429.2	457.5	551.9
	Medium	2,127.0	32.4	337.0	390.9	1,093.6	273.3
	Poor	1,550.4	...	74.8	207.1	1,249.1	19.5
	All sites	5,726.0	134.4	919.8	1,027.2	2,800.1	844.6
All owners	High	6,166.1	256.2	1,918.5	1,105.2	1,010.9	1,875.3
	Medium	6,501.5	154.3	1,627.9	1,311.7	2,532.3	875.2
	Poor	3,928.0	27.2	287.2	545.9	2,988.2	79.4
	All sites	16,595.5	437.8	3,833.6	2,962.8	6,531.4	2,830.0

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 10.--*Area of timberland by ownership class, stocking level, and forest class, Arkansas, 1978*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	732.6	5.9	435.0	121.9	169.9	...
	Medium	1,320.0	11.8	317.6	304.0	686.6	...
	Low	259.0	...	...	28.6	219.3	11.1
	All levels	2,311.6	17.7	752.6	454.4	1,075.8	11.1
Other public	High	109.2	...	16.4	22.7	11.7	58.4
	Medium	383.4	5.9	11.4	17.1	135.1	213.9
	Low	182.3	...	5.9	5.4	55.5	115.6
	All levels	675.0	5.9	33.7	45.1	202.4	387.9
Forest industry[2]	High	1,607.7	140.3	849.2	296.6	163.8	157.9
	Medium	2,127.8	61.3	720.6	579.1	354.7	412.1
	Low	495.9	...	56.8	66.4	158.4	214.3
	All levels	4,231.4	201.6	1,626.6	942.0	676.9	784.4
Farmer	High	528.7	39.1	172.5	73.0	171.9	72.1
	Medium	1,674.7	33.6	160.1	300.2	838.6	342.2
	Low	743.8	...	45.1	27.6	458.0	213.1
	All levels	2,947.1	72.8	377.6	400.8	1,468.6	627.3
Miscellaneous corporate	High	146.2	...	59.3	16.6	54.8	15.5
	Medium	412.9	5.5	58.5	71.3	169.6	108.0
	Low	145.3	...	5.4	5.4	83.3	51.2
	All levels	704.3	5.5	123.2	93.3	307.7	174.7
Other private	High	1,194.3	95.3	432.9	250.7	333.5	81.8
	Medium	3,433.9	39.1	452.2	659.3	1,790.9	492.5
	Low	1,097.9	...	34.7	117.2	675.6	270.4
	All levels	5,726.0	134.4	919.8	1,027.2	2,800.1	844.6
All owners	High	4,318.6	280.6	1,965.3	781.4	905.6	385.7
	Medium	9,352.8	157.2	1,720.5	1,930.9	3,975.6	1,568.6
	Low	2,924.1	...	147.8	250.5	1,650.2	875.6
	All levels	16,595.5	437.8	3,833.6	2,962.8	6,531.4	2,830.0

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 11.--*Volume of softwood growing stock by ownership class, site class, and forest class, Arkansas, 1978*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	274.8	8.4	202.5	58.1	5.7	...
	Medium	1,083.9	13.6	841.8	184.8	43.8	...
	Poor	187.5	8.9	110.7	44.4	23.5	...
	All sites	1,546.1	30.9	1,154.9	287.3	73.0	...
Other public	High	80.9	...	55.3	8.6	2.6	14.4
	Medium	85.5	9.5	13.5	25.6	7.7	29.1
	Poor	10.7	...	...	2.3	3.0	5.5
	All sites	177.1	9.5	68.8	36.5	13.3	49.0
Forest industry[2]	High	2,155.4	72.1	1,575.3	321.4	87.8	98.8
	Medium	935.0	35.0	594.9	250.8	32.3	22.1
	Poor	91.3	1.0	41.6	32.2	16.6	...
	All sites	3,181.8	108.1	2,211.8	604.4	136.6	120.8
Farmer	High	475.6	45.6	260.1	107.2	21.5	41.1
	Medium	254.9	13.2	141.9	47.8	25.4	26.7
	Poor	65.8	3.2	12.8	31.9	15.7	2.2
	All sites	796.4	62.1	414.8	186.9	62.5	70.0
Miscellaneous corporate	High	197.9	...	154.3	10.8	5.6	27.2
	Medium	75.6	...	43.1	28.1	4.4	...
	Poor	32.2	1.5	13.9	11.9	4.9	...
	All sites	305.7	1.5	211.4	50.7	14.9	27.2
Other private	High	1,400.1	153.8	776.7	347.7	91.3	30.6
	Medium	626.1	45.5	293.4	196.1	72.6	18.5
	Poor	133.6	...	32.7	68.1	32.9	...
	All sites	2,159.9	199.3	1,102.8	611.8	196.8	49.1
All owners	High	4,584.7	280.0	3,024.2	853.8	214.5	212.2
	Medium	3,061.1	116.8	1,928.6	733.3	186.1	96.3
	Poor	521.2	14.6	211.6	190.7	96.6	7.7
	All sites	8,166.9	411.4	5,164.4	1,777.7	497.2	316.2

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 12.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Arkansas, 1978*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	111.6	1.0	20.9	30.8	58.9	...
	Medium	635.2	0.4	86.3	97.4	442.6	8.4
	Poor	508.3	...	9.6	40.4	458.2	...
	All sites	1,255.1	1.4	116.9	168.6	959.8	8.4
Other public	High	295.4	...	2.2	5.9	15.9	271.3
	Medium	205.6	1.4	1.9	8.7	48.9	144.6
	Poor	48.8	...	...	3.3	34.8	10.7
	All sites	549.7	1.4	4.1	18.0	99.6	426.6
Forest industry[2]	High	1,521.8	3.8	176.5	204.7	234.5	902.3
	Medium	449.8	0.6	70.9	129.1	70.9	178.3
	Poor	65.1	...	3.6	15.6	43.9	2.0
	All sites	2,036.6	4.3	251.0	349.4	349.3	1,082.6
Farmer	High	567.8	6.5	35.3	75.3	94.6	355.9
	Medium	591.0	1.3	27.7	54.0	345.0	162.9
	Poor	395.0	...	2.1	34.5	335.4	23.1
	All sites	1,553.7	7.8	65.1	163.9	774.9	542.0
Miscellaneous corporate	High	173.8	...	21.7	9.6	19.4	123.1
	Medium	128.5	...	5.4	16.3	63.9	42.9
	Poor	108.1	...	1.4	6.4	92.5	7.7
	All sites	410.4	...	28.6	32.3	175.9	173.6
Other private	High	1,470.1	12.2	130.8	234.8	435.4	656.9
	Medium	1,139.8	3.1	52.0	147.7	710.5	226.5
	Poor	653.7	...	11.2	54.6	571.5	16.4
	All sites	3,263.6	15.3	194.0	437.1	1,717.5	899.7
All owners	High	4,140.3	23.5	387.5	561.0	858.8	2,309.5
	Medium	3,149.8	6.8	244.2	453.3	1,681.9	763.6
	Poor	1,779.0	...	27.9	154.9	1,536.3	59.9
	All sites	9,069.1	30.3	659.6	1,169.2	4,076.9	3,133.0

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 13.--*Area of timberland by ownership class, site class, and forest class, Louisiana, 1984*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	517.5	79.2	217.1	93.6	80.4	47.3
	Medium	92.4	...	51.2	17.4	17.4	6.3
	Poor	11.1	...	5.5	...	...	5.5
	All sites	620.9	79.2	273.8	111.0	97.8	59.1
Other public	High	465.1	...	97.4	43.4	17.9	306.5
	Medium	211.9	...	17.3	6.0	6.0	182.7
	Poor	32.8	...	6.6	...	...	26.2
	All sites	709.8	...	121.2	49.3	23.9	515.4
Forest industry[2]	High	3,406.0	716.8	950.0	655.2	570.2	513.8
	Medium	823.1	165.1	176.5	77.2	198.5	205.8
	Poor	40.9	17.6	5.8	...	...	17.4
	All sites	4,269.9	899.5	1,132.3	732.3	768.7	737.0
Farmer	High	701.6	31.0	151.1	77.8	165.7	276.0
	Medium	188.6	5.5	23.7	5.8	23.4	130.3
	Poor	15.8	...	...	...	...	15.8
	All sites	906.0	36.5	174.8	83.6	189.0	422.2
Miscellaneous corporate	High	1,327.3	120.2	303.1	137.4	71.7	694.9
	Medium	722.5	17.5	64.0	11.9	27.7	601.4
	Poor	147.1	6.3	...	...	5.8	135.0
	All sites	2,196.9	144.0	367.1	149.3	105.2	1,431.3
Other private	High	4,022.7	282.6	1,251.9	695.2	776.5	1,016.5
	Medium	1,011.1	23.5	150.4	98.1	192.0	547.2
	Poor	135.3	5.5	24.0	...	17.6	88.1
	All sites	5,169.0	311.6	1,426.3	793.3	986.1	1,651.7
All owners	High	10,440.1	1,229.8	2,970.6	1,702.5	1,682.3	2,854.9
	Medium	3,049.5	211.5	483.1	216.3	464.9	1,673.7
	Poor	382.9	29.4	42.0	...	23.4	288.1
	All sites	13,872.7	1,470.8	3,495.6	1,918.8	2,170.7	4,816.7

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 14.--*Area of timberland by ownership class, stocking level, and forest class, Louisiana, 1984*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	200.6	33.6	100.4	42.8	11.7	12.1
	Medium	310.6	34.2	138.9	51.5	74.2	11.7
	Low	109.7	11.4	34.5	16.7	11.9	35.3
	All levels	620.9	79.2	273.8	111.0	97.8	59.1
Other public	High	104.2	...	51.6	5.8	...	46.9
	Medium	301.9	...	40.5	43.5	...	217.9
	Low	303.7	...	29.2	...	23.9	250.6
	All levels	709.8	...	121.2	49.3	23.9	515.4
Forest industry[2]	High	1,353.8	437.2	485.0	199.1	124.6	107.9
	Medium	1,886.4	337.3	561.2	422.5	250.2	315.2
	Low	1,029.7	125.0	86.1	110.7	393.8	314.0
	All levels	4,269.9	899.5	1,132.3	732.3	768.7	737.0
Farmer	High	215.2	36.5	79.1	17.7	30.0	51.9
	Medium	365.1	...	78.2	34.7	65.2	186.9
	Low	325.7	...	17.4	31.2	93.8	183.3
	All levels	906.0	36.5	174.8	83.6	189.0	422.2
Miscellaneous corporate	High	631.6	69.9	182.5	40.0	10.9	328.4
	Medium	852.0	57.4	167.4	52.6	47.2	527.4
	Low	713.3	16.7	17.2	56.7	47.2	575.6
	All levels	2,196.9	144.0	367.1	149.3	105.2	1,431.3
Other private	High	1,489.1	151.6	639.1	210.8	158.2	329.4
	Medium	2,193.1	136.9	607.5	421.3	346.1	681.3
	Low	1,486.8	23.0	179.7	161.3	481.8	641.1
	All levels	5,169.0	311.6	1,426.3	793.3	986.1	1,651.7
All owners	High	3,994.7	728.9	1,537.8	516.1	335.4	876.6
	Medium	5,909.0	565.8	1,593.7	1,026.1	783.0	1,940.3
	Low	3,968.9	176.1	364.1	376.6	1,052.3	1,999.8
	All levels	13,872.7	1,470.8	3,495.6	1,918.8	2,170.7	4,816.7

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 15.--*Volume of softwood growing stock by ownership class, site class, and forest class, Louisiana, 1984*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	708.1	113.9	430.4	120.5	19.1	24.3
	Medium	62.8	...	56.4	3.5	2.8	...
	Poor	3.6	...	3.3	...	...	0.4
	All sites	774.6	113.9	490.1	124.0	21.9	24.6
Other public	High	231.7	...	172.6	36.1	5.8	17.2
	Medium	38.1	...	2.8	5.7	...	29.5
	Poor	7.4	...	1.5	...	...	5.9
	All sites	277.2	...	176.9	41.8	5.8	52.6
Forest industry[2]	High	2,935.0	736.5	1,490.8	493.1	117.8	96.8
	Medium	292.0	51.3	171.8	29.1	9.1	30.7
	Poor	14.7	2.3	1.6	...	...	10.8
	All sites	3,241.7	790.1	1,664.2	522.3	126.9	138.3
Farmer	High	434.1	62.0	252.3	62.6	14.2	43.1
	Medium	59.0	6.0	15.2	2.4	...	35.4
	Poor	13.4	...	...	...	...	13.4
	All sites	506.5	68.0	267.4	65.0	14.2	92.0
Miscellaneous corporate	High	1,195.2	214.3	596.8	117.5	13.5	253.1
	Medium	436.2	24.1	53.9	5.6	...	352.6
	Poor	60.7	12.8	...	...	...	47.9
	All sites	1,692.0	251.2	650.6	123.1	13.5	653.6
Other private	High	3,470.4	382.6	2,181.7	537.4	177.1	191.6
	Medium	508.9	11.3	80.9	36.4	22.4	358.1
	Poor	80.6	0.2	8.7	...	0.3	71.4
	All sites	4,060.0	394.1	2,271.3	573.8	199.8	621.0
All owners	High	8,974.6	1,509.3	5,124.5	1,367.1	347.4	626.2
	Medium	1,397.0	92.6	381.0	82.8	34.3	806.3
	Poor	180.4	15.3	15.1	...	0.3	149.7
	All sites	10,552.0	1,617.1	5,520.6	1,450.0	382.1	1,582.2

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 16.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Louisiana, 1984*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	273.6	2.5	53.8	71.8	67.6	77.9
	Medium	15.9	...	2.9	4.9	3.8	4.1
	Poor	0.3	...	...	...	...	0.3
	All sites	289.7	2.5	56.8	76.7	71.5	82.3
Other public	High	447.2	...	25.9	22.2	9.1	390.0
	Medium	143.5	...	...	2.5	...	141.0
	Poor	26.5	...	...	...	...	26.5
	All sites	617.2	...	25.9	24.7	9.1	557.4
Forest industry[2]	High	1,550.2	16.0	154.5	296.7	322.2	760.9
	Medium	335.2	1.0	17.8	26.7	84.5	205.2
	Poor	3.4	...	...	...	...	3.4
	All sites	1,888.8	16.9	172.3	323.4	406.7	969.5
Farmer	High	530.4	0.9	56.5	29.6	126.2	317.2
	Medium	119.0	1.2	4.1	1.8	9.6	102.4
	Poor	31.3	...	...	...	...	31.3
	All sites	680.8	2.1	60.6	31.3	135.8	451.0
Miscellaneous corporate	High	1,082.5	3.9	70.1	84.8	47.8	875.8
	Medium	581.2	0.4	0.7	6.0	13.8	560.4
	Poor	28.1	...	...	...	0.9	27.2
	All sites	1,691.8	4.3	70.8	90.8	62.5	1,463.5
Other private	High	2,501.0	26.7	291.0	337.0	607.4	1,238.8
	Medium	714.4	...	4.0	27.6	73.4	609.4
	Poor	56.4	...	...	...	...	56.4
	All sites	3,271.7	26.7	295.0	364.6	680.8	1,904.5
All owners	High	6,384.9	50.0	651.9	842.0	1,180.4	3,660.6
	Medium	1,909.2	2.5	29.5	69.5	185.1	1,622.5
	Poor	145.9	...	...	...	0.9	145.0
	All sites	8,440.0	52.5	681.4	911.5	1,366.3	5,428.2

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 17.--*Area of timberland by ownership class, site class, and forest class, Mississippi, 1977*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	925.8	61.7	449.8	180.3	94.7	139.2
	Medium	314.7	27.8	115.9	100.8	64.3	5.9
	Poor	12.1	...	12.1	...	...	...
	All sites	1,252.6	89.5	577.9	281.1	159.1	145.1
Other public	High	256.9	6.8	58.0	56.6	33.8	101.8
	Medium	84.2	11.2	37.3	19.4	10.2	6.2
	Poor	16.5	...	16.5	...	...	...
	All sites	357.7	17.9	111.8	76.0	44.0	108.0
Forest industry[2]	High	2,256.1	255.7	603.6	426.5	369.9	600.4
	Medium	981.0	215.6	228.6	222.5	186.7	127.6
	Poor	70.3	11.4	10.5	42.2	6.2	...
	All sites	3,307.3	482.7	842.7	691.2	562.8	728.0
Farmer	High	3,381.5	149.0	727.0	672.8	932.5	900.2
	Medium	1,405.2	62.4	287.3	301.4	571.7	182.4
	Poor	87.1	17.1	13.1	15.8	35.7	5.5
	All sites	4,873.8	228.5	1,027.4	989.9	1,539.8	1,088.0
Miscellaneous corporate	High	279.7	6.4	42.5	47.0	69.2	114.6
	Medium	103.2	9.4	32.6	29.0	20.0	12.3
	Poor	...	...	...	...	...	...
	All sites	382.9	15.8	75.1	76.0	89.2	126.9
Other private	High	4,165.6	156.6	1,043.3	854.9	1,092.6	1,018.2
	Medium	1,979.2	118.3	451.8	447.9	692.4	268.7
	Poor	158.9	11.9	43.0	34.9	46.5	22.6
	All sites	6,303.7	286.8	1,538.2	1,337.7	1,831.5	1,309.5
All owners	High	11,265.4	636.2	2,924.3	2,237.9	2,592.8	2,874.3
	Medium	4,867.5	444.6	1,153.5	1,121.0	1,545.2	603.2
	Poor	344.9	40.3	95.3	93.0	88.3	28.1
	All sites	16,478.0	1,121.1	4,173.1	3,451.8	4,226.3	3,505.6

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 18.--*Area of timberland by ownership class, stocking level, and forest class, Mississippi, 1977*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	336.9	12.2	250.8	46.5	11.5	15.9
	Medium	795.0	70.0	305.8	205.1	121.9	92.3
	Low	120.6	7.2	21.3	29.5	25.7	36.9
	All levels	1,252.6	89.5	577.9	281.1	159.1	145.1
Other public	High	60.7	6.8	21.7	5.0	5.0	22.3
	Medium	236.3	5.5	73.2	66.7	34.0	56.9
	Low	60.6	5.7	16.9	4.3	5.0	28.7
	All levels	357.7	17.9	111.8	76.0	44.0	108.0
Forest industry[2]	High	1,005.0	256.9	358.5	190.4	103.9	95.4
	Medium	1,825.1	203.1	467.8	397.2	323.6	433.3
	Low	477.2	22.7	16.4	103.6	135.3	199.3
	All levels	3,307.3	482.7	842.7	691.2	562.8	728.0
Farmer	High	932.6	69.4	425.2	213.7	130.3	94.0
	Medium	2,862.0	146.6	529.8	656.5	961.9	567.3
	Low	1,079.1	12.6	72.5	119.8	447.6	426.7
	All levels	4,873.8	228.5	1,027.4	989.9	1,539.8	1,088.0
Miscellaneous corporate	High	83.1	10.9	25.5	29.9	6.6	10.1
	Medium	183.5	4.9	37.8	27.6	37.3	75.8
	Low	116.4	...	11.7	18.4	45.3	40.9
	All levels	382.9	15.8	75.1	76.0	89.2	126.9
Other private	High	1,183.6	110.1	537.2	177.3	203.0	156.1
	Medium	3,750.4	138.4	856.2	893.3	1,149.7	712.8
	Low	1,369.8	38.3	144.8	267.2	478.8	440.7
	All levels	6,303.7	286.8	1,538.2	1,337.7	1,831.5	1,309.5
All owners	High	3,601.9	466.2	1,618.8	662.7	460.3	393.9
	Medium	9,652.3	568.5	2,270.6	2,246.3	2,628.4	1,938.5
	Low	3,223.7	86.5	283.7	542.8	1,137.6	1,173.2
	All levels	16,478.0	1,121.1	4,173.1	3,451.8	4,226.3	3,505.6

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 19.--*Volume of softwood growing stock by ownership class, site class, and forest class, Mississippi, 1977*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	1,170.1	56.4	893.1	168.2	30.8	21.5
	Medium	201.3	15.5	131.2	41.4	13.2	...
	Poor	0.6	...	0.6	...	...	...
	All sites	1,372.0	72.0	1,024.9	209.7	44.0	21.5
Other public	High	154.7	7.6	92.1	38.9	10.9	5.2
	Medium	61.2	3.2	40.9	14.5	2.7	...
	Poor	4.3	...	4.3	...	...	...
	All sites	220.2	10.7	137.3	53.4	13.6	5.2
Forest industry[2]	High	1,464.3	224.1	819.2	277.4	42.4	101.2
	Medium	454.3	105.3	215.8	98.7	15.6	18.9
	Poor	23.1	8.1	9.2	4.7	1.1	...
	All sites	1,941.6	337.5	1,044.1	380.8	59.1	120.1
Farmer	High	1,655.8	152.3	915.2	406.3	100.4	81.6
	Medium	494.2	47.3	283.9	94.8	48.8	19.5
	Poor	22.4	5.2	8.6	1.6	5.2	1.7
	All sites	2,172.5	204.8	1,207.8	502.6	154.5	102.9
Miscellaneous corporate	High	132.2	8.7	67.9	35.5	5.9	14.1
	Medium	43.8	6.7	22.0	11.8	0.4	3.0
	Poor	...	...	...	...	...	...
	All sites	176.0	15.3	89.9	47.3	6.3	17.1
Other private	High	2,341.1	176.8	1,416.6	501.9	141.1	104.7
	Medium	680.8	57.7	343.1	190.6	62.3	27.1
	Poor	28.2	4.9	9.9	9.2	0.9	3.2
	All sites	3,050.2	239.4	1,769.6	701.7	204.3	135.1
All owners	High	6,918.2	625.9	4,204.2	1,428.3	331.6	328.3
	Medium	1,935.7	235.7	1,036.8	451.7	143.0	68.5
	Poor	78.5	18.2	32.6	15.5	7.2	5.0
	All sites	8,932.4	879.8	5,273.6	1,895.5	481.8	401.8

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 20.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Mississippi, 1977*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	482.1	3.3	110.7	102.5	102.4	163.1
	Medium	83.3	0.4	17.5	26.5	35.0	3.9
	Poor	0.1	...	0.1	...	...	...
	All sites	565.5	3.7	128.3	129.0	137.4	167.1
Other public	High	227.8	1.1	14.2	31.0	23.3	158.2
	Medium	19.1	...	6.8	5.9	3.6	2.6
	Poor	0.1	...	0.1	...	...	...
	All sites	247.0	1.1	21.2	36.9	26.9	160.9
Forest industry[2]	High	1,172.5	14.2	86.0	181.5	221.9	669.0
	Medium	288.1	4.9	20.4	51.3	92.6	118.9
	Poor	3.5	...	1.3	1.9	0.4	...
	All sites	1,464.2	19.1	107.7	234.7	314.9	787.9
Farmer	High	1,947.0	14.1	125.2	311.0	609.3	887.5
	Medium	609.3	2.3	41.0	52.1	375.7	138.2
	Poor	24.1	...	2.1	4.9	7.8	9.3
	All sites	2,580.3	16.4	168.3	367.9	992.8	1,034.9
Miscellaneous corporate	High	185.7	0.4	5.5	32.1	31.8	115.9
	Medium	21.3	0.3	0.4	4.3	6.4	9.9
	Poor	...	...	...	...	...	...
	All sites	207.0	0.7	5.9	36.4	38.1	125.9
Other private	High	2,411.8	16.4	148.5	394.9	797.0	1,055.0
	Medium	786.4	6.1	43.8	116.5	423.4	196.7
	Poor	40.1	1.1	1.1	11.2	10.9	15.7
	All sites	3,238.3	23.5	193.4	522.7	1,231.3	1,267.5
All owners	High	6,426.9	49.4	490.1	1,053.0	1,785.6	3,048.8
	Medium	1,807.5	13.9	129.9	256.6	936.7	470.3
	Poor	67.9	1.1	4.7	18.0	19.1	25.0
	All sites	8,302.3	64.4	624.8	1,327.6	2,741.4	3,544.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 21.--*Area of timberland by ownership class, site class, and forest class, Oklahoma, 1976*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	43.3	...	21.6	10.8	10.9	...
	Medium	77.0	...	38.7	16.6	16.3	5.4
	Poor	71.9	...	27.6	5.5	38.7	...
	All sites	192.2	...	88.0	32.9	66.0	5.4
Other public	High	24.2	...	...	...	...	24.2
	Medium	117.9	...	16.2	11.6	47.3	42.7
	Poor	135.9	...	17.3	16.8	101.8	...
	All sites	278.0	...	33.5	28.4	149.2	66.9
Forest industry[2]	High	113.4	...	32.4	32.4	32.4	16.2
	Medium	621.9	27.0	298.5	175.5	99.3	21.6
	Poor	260.9	5.5	77.7	73.1	99.0	5.7
	All sites	996.2	32.5	408.6	281.0	230.6	43.5
Farmer	High	51.0	...	...	10.9	17.5	22.6
	Medium	451.6	6.0	52.3	52.8	226.6	113.9
	Poor	621.0	...	46.0	22.5	529.9	22.6
	All sites	1,123.6	6.0	98.3	86.2	774.0	159.1
Miscellaneous corporate	High	...	...	...	...	...	...
	Medium	60.7	5.4	16.5	4.5	29.7	4.6
	Poor	105.6	...	6.0	27.7	67.4	4.5
	All sites	166.3	5.4	22.4	32.2	97.1	9.1
Other private	High	37.2	...	...	16.6	10.0	10.5
	Medium	548.4	...	94.6	106.6	239.9	107.4
	Poor	978.0	...	57.0	108.6	788.9	23.5
	All sites	1,563.6	...	151.6	231.7	1,038.8	141.4
All owners	High	269.2	...	54.0	70.7	70.9	73.6
	Medium	1,877.4	38.4	516.8	367.6	659.1	295.6
	Poor	2,173.2	5.5	231.6	254.1	1,625.7	56.3
	All sites	4,319.8	43.9	802.3	692.5	2,355.7	425.4

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 22.--*Area of timberland by ownership class, stocking level, and forest class, Oklahoma, 1976*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	49.2	...	43.8	5.4	...	...
	Medium	93.2	...	38.6	16.5	32.8	5.4
	Low	49.8	...	5.5	11.1	33.2	...
	All levels	192.2	...	88.0	32.9	66.0	5.4
Other public	High	17.9	...	...	...	6.0	12.0
	Medium	111.1	...	33.5	10.8	55.6	11.3
	Low	148.9	...	...	17.6	87.7	43.7
	All levels	278.0	...	33.5	28.4	149.2	66.9
Forest industry[2]	High	274.8	21.7	160.3	71.2	16.2	5.4
	Medium	545.3	10.8	232.0	148.8	137.2	16.5
	Low	176.0	...	16.2	61.0	77.2	21.6
	All levels	996.2	32.5	408.6	281.0	230.6	43.5
Farmer	High	55.3	...	16.8	5.7	16.0	16.8
	Medium	361.3	...	75.8	34.2	222.3	28.9
	Low	707.0	6.0	5.7	46.3	535.7	113.4
	All levels	1,123.6	6.0	98.3	86.2	774.0	159.1
Miscellaneous corporate	High	26.7	5.4	16.8	4.5	...	...
	Medium	51.8	...	5.7	10.9	30.7	4.5
	Low	87.8	...	...	16.8	66.4	4.6
	All levels	166.3	5.4	22.4	32.2	97.1	9.1
Other private	High	94.8	...	61.4	17.5	15.9	...
	Medium	612.6	...	72.9	106.3	371.1	62.4
	Low	856.2	...	17.3	108.0	651.9	79.0
	All levels	1,563.6	...	151.6	231.7	1,038.8	141.4
All owners	High	518.7	27.1	299.1	104.2	54.0	34.2
	Medium	1,775.3	10.8	458.5	327.5	849.6	128.9
	Low	2,025.8	6.0	44.7	260.8	1,452.0	262.3
	All levels	4,319.8	43.9	802.3	692.5	2,355.7	425.4

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 23.--*Volume of softwood growing stock by ownership class, site class, and forest class, Oklahoma, 1976*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	48.3	...	38.8	6.0	3.6	...
	Medium	44.6	...	34.8	5.1	4.7	...
	Poor	22.4	...	16.4	2.9	3.1	...
	All sites	115.4	...	90.0	14.0	11.3	...
Other public	High	...	...	...	...	...	...
	Medium	24.1	...	18.2	4.9	1.0	...
	Poor	14.5	...	8.8	5.1	0.7	...
	All sites	38.7	...	26.9	10.0	1.8	...
Forest industry[2]	High	64.0	...	44.1	14.2	5.4	0.3
	Medium	377.4	...	285.0	75.6	16.1	0.7
	Poor	79.2	...	49.6	22.5	7.1	...
	All sites	520.6	...	378.7	112.4	28.6	1.0
Farmer	High	5.4	...	...	4.5	...	0.9
	Medium	75.1	8.5	46.6	14.4	5.1	0.6
	Poor	28.9	...	17.3	6.4	5.3	...
	All sites	109.4	8.5	63.9	25.3	10.3	1.4
Miscellaneous corporate	High	...	...	...	...	...	...
	Medium	18.5	...	14.7	1.2	2.6	...
	Poor	11.3	...	3.0	6.7	1.5	...
	All sites	29.7	...	17.7	7.9	4.1	...
Other private	High	6.7	...	...	6.7	...	...
	Medium	123.2	...	78.2	37.6	7.4	...
	Poor	67.0	...	27.9	23.7	15.4	...
	All sites	196.9	...	106.1	68.0	22.8	...
All owners	High	124.4	...	82.9	31.4	9.0	1.2
	Medium	663.0	8.5	477.5	138.9	36.8	1.2
	Poor	223.3	...	122.9	67.3	33.0	...
	All sites	1,010.7	8.5	683.3	237.6	78.8	2.5

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 24.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Oklahoma, 1976*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	19.8	...	7.1	7.9	4.7	...
	Medium	29.0	...	5.0	3.6	14.3	6.0
	Poor	18.1	...	1.2	2.3	14.6	...
	All sites	66.8	...	13.4	13.8	33.7	6.0
Other public	High	30.5	...	...	...	...	30.5
	Medium	27.0	...	1.9	2.3	9.4	13.4
	Poor	21.2	...	1.2	1.0	18.9	...
	All sites	78.7	...	3.2	3.3	28.3	43.9
Forest industry[2]	High	42.0	...	3.5	4.7	14.9	18.8
	Medium	125.7	...	25.0	37.8	40.9	21.9
	Poor	43.5	...	3.6	9.4	30.4	...
	All sites	211.1	...	32.1	52.0	86.2	40.8
Farmer	High	37.8	...	...	2.6	7.6	27.6
	Medium	141.2	...	3.1	3.8	77.1	57.2
	Poor	133.3	...	3.1	0.2	117.1	13.0
	All sites	312.3	...	6.2	6.5	201.8	97.8
Miscellaneous corporate	High	...	...	...	...	...	...
	Medium	6.8	...	...	1.0	5.1	0.8
	Poor	16.4	...	0.4	3.5	10.8	1.8
	All sites	23.2	...	0.4	4.5	15.8	2.5
Other private	High	15.3	...	...	3.9	4.2	7.2
	Medium	164.1	...	5.4	14.2	88.3	56.2
	Poor	176.3	...	3.3	6.7	153.7	12.5
	All sites	355.7	...	8.7	24.8	246.2	76.0
All owners	High	145.3	...	10.6	19.0	31.5	84.2
	Medium	493.8	...	40.5	62.7	235.1	155.5
	Poor	408.8	...	12.9	23.1	345.5	27.3
	All sites	1,047.9	...	64.0	104.9	612.0	267.0

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 25.--*Area of timberland by ownership class, site class, and forest class, Tennessee, 1980*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	116.7	...	15.5	32.2	69.0	...
	Medium	312.0	...	66.4	53.1	174.8	17.7
	Poor	152.4	...	11.5	33.8	101.4	5.7
	All sites	581.0	...	93.4	119.0	345.1	23.5
Other public	High	300.8	5.0	23.0	42.8	165.3	64.8
	Medium	325.1	12.2	30.8	59.1	208.3	14.7
	Poor	152.5	6.1	...	28.7	117.8	...
	All sites	778.5	23.3	53.8	130.6	491.3	79.6
Forest industry[2]	High	386.0	40.0	17.5	46.7	212.9	69.0
	Medium	613.0	73.5	33.9	62.7	413.0	29.8
	Poor	256.8	22.5	6.2	25.9	202.1	...
	All sites	1,255.8	136.0	57.6	135.3	828.1	98.8
Farmer	High	1,566.9	27.4	90.9	114.7	1,073.2	260.7
	Medium	2,112.6	12.6	117.9	247.2	1,683.3	51.5
	Poor	767.5	...	94.9	90.5	571.6	10.6
	All sites	4,447.0	40.1	303.6	452.4	3,328.1	322.8
Miscellaneous corporate	High	206.8	...	18.5	23.1	160.1	5.2
	Medium	477.5	10.9	28.0	55.6	355.5	27.5
	Poor	214.6	...	...	12.1	202.6	...
	All sites	898.9	10.9	46.5	90.7	718.1	32.6
Other private	High	1,470.9	68.8	140.2	124.0	939.4	198.5
	Medium	2,438.5	29.3	203.4	254.0	1,882.8	69.0
	Poor	992.6	6.1	121.9	124.7	727.2	12.8
	All sites	4,902.0	104.2	465.4	502.7	3,549.4	280.3
All owners	High	4,048.1	141.2	305.5	383.4	2,619.8	598.2
	Medium	6,278.7	138.5	480.5	731.7	4,717.7	210.3
	Poor	2,536.5	34.7	234.4	315.6	1,922.6	29.1
	All sites	12,863.1	314.4	1,020.4	1,430.7	9,260.0	837.6

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 26.--*Area of timberland by ownership class, stocking level, and forest class, Tennessee, 1980*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	201.8	...	53.9	59.1	88.9	...
	Medium	304.1	...	39.6	54.8	186.2	23.5
	Low	75.1	...	...	5.2	69.9	...
	All levels	581.0	...	93.4	119.0	345.1	23.5
Other public	High	123.5	6.1	5.1	48.4	47.8	16.1
	Medium	524.1	17.2	48.7	65.4	354.3	38.5
	Low	130.9	...	...	16.8	89.1	25.0
	All levels	778.5	23.3	53.8	130.6	491.3	79.6
Forest industry2	High	320.4	79.0	17.7	45.7	152.8	25.1
	Medium	755.0	45.1	33.8	67.7	578.0	30.4
	Low	180.5	11.9	6.2	21.8	97.3	43.3
	All levels	1,255.8	136.0	57.6	135.3	828.1	98.8
Farmer	High	677.7	21.3	104.4	101.2	445.1	5.8
	Medium	2,674.1	18.8	156.5	283.2	2,031.4	184.2
	Low	1,095.1	...	42.7	68.0	851.5	132.9
	All levels	4,447.0	40.1	303.6	452.4	3,328.1	322.8
Miscellaneous corporate	High	139.8	5.7	22.3	34.4	70.2	7.2
	Medium	598.1	5.2	24.2	49.9	504.3	14.5
	Low	161.0	...	...	6.5	143.6	10.9
	All levels	898.9	10.9	46.5	90.7	718.1	32.6
Other private	High	846.1	75.9	135.9	124.9	475.9	33.5
	Medium	2,982.3	28.3	289.3	307.6	2,194.4	162.7
	Low	1,073.7	...	40.2	70.2	879.2	84.1
	All levels	4,902.0	104.2	465.4	502.7	3,549.4	280.3
All owners	High	2,309.3	188.0	339.2	413.7	1,280.7	87.7
	Medium	7,837.6	114.5	592.1	828.5	5,848.7	453.7
	Low	2,716.3	11.9	89.1	188.4	2,130.7	296.1
	All levels	12,863.1	314.4	1,020.4	1,430.7	9,260.0	837.6

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 27.--*Volume of softwood growing stock by ownership class, site class, and forest class, Tennessee, 1980*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	88.6	...	41.4	35.1	12.1	...
	Medium	158.2	...	114.5	28.8	14.9	...
	Poor	44.1	...	16.7	21.2	6.2	...
	All sites	290.8	...	172.6	85.1	33.1	...
Other public	High	130.2	9.4	32.1	40.8	11.6	36.3
	Medium	84.0	11.0	20.3	23.5	29.2	...
	Poor	11.1	3.5	...	5.6	2.0	...
	All sites	225.3	24.0	52.3	69.9	42.8	36.3
Forest industry[2]	High	152.5	49.5	19.8	46.1	16.4	20.8
	Medium	109.0	29.1	22.8	25.1	30.9	1.2
	Poor	8.2	...	...	5.7	2.5	...
	All sites	269.7	78.5	42.6	76.8	49.7	22.0
Farmer	High	256.2	31.2	107.1	67.3	47.0	3.5
	Medium	221.2	18.5	55.7	96.2	48.9	1.8
	Poor	91.2	...	51.5	20.2	18.8	0.7
	All sites	568.5	49.7	214.3	183.8	114.7	6.0
Miscellaneous corporate	High	40.8	...	13.1	13.6	14.1	...
	Medium	87.5	4.9	25.5	31.4	21.3	4.4
	Poor	13.4	...	...	3.2	10.3	...
	All sites	141.7	4.9	38.7	48.1	45.6	4.4
Other private	High	441.0	101.9	192.5	95.8	48.5	2.3
	Medium	368.7	51.8	146.5	90.2	75.9	4.3
	Poor	98.4	1.8	39.4	40.3	16.9	...
	All sites	908.1	155.4	378.5	226.3	141.3	6.6
All owners	High	1,109.3	192.0	406.0	298.7	149.6	62.9
	Medium	1,028.6	115.3	385.3	295.3	221.1	11.7
	Poor	266.4	5.3	107.6	96.1	56.6	0.7
	All sites	2,404.2	312.6	898.9	690.1	427.3	75.3

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 28.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Tennessee, 1980*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	141.0	...	4.9	23.8	112.3	...
	Medium	281.2	...	18.6	32.3	209.5	20.8
	Poor	114.4	...	2.5	19.6	86.1	6.2
	All sites	536.6	...	26.0	75.7	407.8	27.0
Other public	High	312.4	...	7.3	41.9	204.4	58.8
	Medium	255.3	0.8	8.7	27.3	198.8	19.7
	Poor	93.4	1.9	...	6.0	85.5	...
	All sites	661.1	2.7	16.1	75.2	488.8	78.4
Forest industry[2]	High	403.0	5.6	7.0	32.5	264.7	93.1
	Medium	423.0	2.5	5.1	15.4	336.2	63.8
	Poor	154.1	...	...	2.9	151.1	...
	All sites	980.0	8.2	12.0	50.9	752.0	156.9
Farmer	High	1,613.4	2.5	17.1	67.1	1,206.1	320.5
	Medium	1,610.1	1.1	15.3	97.8	1,470.1	25.8
	Poor	499.7	...	16.3	23.6	449.7	10.1
	All sites	3,723.2	3.6	48.7	188.5	3,126.0	356.4
Miscellaneous corporate	High	211.9	...	1.2	16.3	188.2	6.3
	Medium	371.6	...	2.3	28.3	310.5	30.6
	Poor	156.1	...	...	5.5	150.6	...
	All sites	739.7	...	3.5	50.1	649.3	36.8
Other private	High	1,354.2	11.8	21.6	71.6	1,024.6	224.6
	Medium	1,829.8	1.3	23.7	90.9	1,652.0	62.0
	Poor	571.6	0.2	10.6	46.4	505.9	8.5
	All sites	3,755.7	13.3	55.9	208.9	3,182.6	295.1
All owners	High	4,035.9	19.9	59.0	253.2	3,000.5	703.3
	Medium	4,771.1	5.7	73.7	292.0	4,177.0	222.7
	Poor	1,589.3	2.1	29.4	104.0	1,429.0	24.8
	All sites	10,396.3	27.7	162.1	649.2	8,606.5	950.7

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 29.--*Area of timberland by ownership class, site class, and forest class, Texas, 1975*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	432.2	16.5	332.5	46.4	18.6	18.1
	Medium	222.9	19.1	160.2	37.5	6.0	...
	Poor	6.0	...	...	...	...	6.0
	All sites	661.0	35.6	492.7	84.0	24.6	24.1
Other public	High	56.7	5.6	22.4	11.2	12.1	5.4
	Medium	142.4	...	37.4	12.1	42.0	50.9
	Poor	14.9	...	...	...	9.4	5.5
	All sites	214.0	5.6	59.8	23.3	63.5	61.8
Forest industry[2]	High	2,390.0	199.1	950.0	685.1	275.0	280.9
	Medium	1,433.6	130.2	528.4	268.5	243.8	262.6
	Poor	46.0	11.5	23.2	5.8	5.6	...
	All sites	3,869.6	340.8	1,501.5	959.4	524.4	543.5
Farmer	High	321.5	5.6	113.4	58.9	40.8	102.8
	Medium	579.6	18.2	115.4	93.0	183.0	169.9
	Poor	233.7	...	5.8	20.9	186.9	20.1
	All sites	1,134.9	23.9	234.6	172.7	410.8	292.8
Miscellaneous corporate	High	184.4	5.8	66.2	35.1	40.3	37.1
	Medium	275.7	...	72.6	58.7	92.5	51.9
	Poor	26.0	...	9.5	...	4.7	11.9
	All sites	486.1	5.8	148.2	93.8	137.5	100.8
Other private	High	2,513.6	69.0	867.1	641.0	450.2	486.4
	Medium	2,969.4	88.8	864.6	522.7	865.4	627.9
	Poor	661.8	...	20.1	53.3	542.6	45.7
	All sites	6,144.8	157.8	1,751.8	1,217.0	1,858.1	1,160.1
All owners	High	5,898.5	301.7	2,351.5	1,477.6	837.0	930.7
	Medium	5,623.4	256.4	1,778.6	992.6	1,432.7	1,163.2
	Poor	988.5	11.5	58.6	80.0	749.2	89.2
	All sites	12,510.3	569.6	4,188.7	2,550.2	3,018.8	2,183.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 30.--*Area of timberland by ownership class, stocking level, and forest class, Texas, 1975*[1]

Ownership class	Stocking level	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		thousand acres					
National forest	High	383.2	18.2	321.7	36.9	6.4	...
	Medium	235.6	12.1	159.2	33.9	12.2	18.1
	Low	42.2	5.4	11.8	13.1	6.0	6.0
	All levels	661.0	35.6	492.7	84.0	24.6	24.1
Other public	High	49.0	...	36.9	6.3	5.8	...
	Medium	123.9	...	23.0	11.2	45.7	44.1
	Low	41.0	5.6	...	5.8	11.9	17.6
	All levels	214.0	5.6	59.8	23.3	63.5	61.8
Forest industry[2]	High	889.0	156.7	519.4	163.8	31.1	18.0
	Medium	2,314.6	155.3	850.9	696.2	313.6	298.6
	Low	666.0	28.8	131.3	99.3	179.7	226.9
	All levels	3,869.6	340.8	1,501.5	959.4	524.4	543.5
Farmer	High	168.2	18.5	61.8	22.5	17.7	47.8
	Medium	519.2	5.4	129.2	112.0	135.2	137.4
	Low	447.5	...	43.7	38.3	257.9	107.7
	All levels	1,134.9	23.9	234.6	172.7	410.8	292.8
Miscellaneous corporate	High	105.7	5.8	65.2	18.0	4.7	11.9
	Medium	252.7	...	77.2	63.4	78.6	33.6
	Low	127.7	...	5.8	12.4	54.2	55.3
	All levels	486.1	5.8	148.2	93.8	137.5	100.8
Other private	High	1,047.3	81.2	599.3	181.4	127.5	58.0
	Medium	3,259.7	71.3	1,009.7	802.5	890.4	485.8
	Low	1,837.7	5.2	142.8	233.2	840.2	616.3
	All levels	6,144.8	157.8	1,751.8	1,217.0	1,858.1	1,160.1
All owners	High	2,642.4	280.5	1,604.2	428.8	193.2	135.6
	Medium	6,705.7	244.0	2,249.1	1,719.2	1,475.8	1,017.7
	Low	3,162.3	45.0	335.4	402.2	1,349.8	1,029.9
	All levels	12,510.3	569.6	4,188.7	2,550.2	3,018.8	2,183.1

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

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Table 31.--*Volume of softwood growing stock by ownership class, site class, and forest class, Texas, 1975*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	811.7	14.4	738.4	50.2	1.6	7.1
	Medium	351.4	9.6	309.2	31.6	1.0	...
	Poor	...	...	...	...	...	...
	All sites	1,163.1	24.0	1,047.6	81.8	2.6	7.1
Other public	High	81.4	8.3	61.3	8.9	2.8	...
	Medium	53.5	...	43.3	4.7	5.4	...
	Poor	0.8	...	...	...	0.8	...
	All sites	135.6	8.3	104.6	13.6	9.1	...
Forest industry[2]	High	2,339.7	148.0	1,453.5	599.7	80.8	57.6
	Medium	844.8	77.0	522.2	171.7	32.0	41.9
	Poor	22.1	2.2	18.0	1.5	0.3	...
	All sites	3,206.5	227.2	1,993.8	772.9	113.1	99.5
Farmer	High	190.9	8.2	133.8	34.8	11.6	2.5
	Medium	141.7	19.5	79.5	36.8	5.4	0.4
	Poor	6.0	...	1.6	3.8	0.5	...
	All sites	338.5	27.7	215.0	75.4	17.5	2.9
Miscellaneous corporate	High	107.4	...	82.7	17.3	4.3	3.1
	Medium	104.2	...	72.6	21.3	9.9	0.4
	Poor	1.6	...	0.7	...	0.8	...
	All sites	213.2	...	156.0	38.6	14.9	3.5
Other private	High	1,898.7	99.3	1,240.6	419.0	94.9	45.1
	Medium	1,177.0	79.7	752.2	241.9	74.0	29.1
	Poor	27.0	...	4.3	13.8	9.0	...
	All sites	3,102.7	179.0	1,997.1	674.6	177.9	74.2
All owners	High	5,429.7	278.2	3,710.3	1,130.0	195.9	115.4
	Medium	2,672.5	185.8	1,779.1	507.9	127.8	71.9
	Poor	57.4	2.2	24.6	19.1	11.4	...
	All sites	8,159.7	466.2	5,514.0	1,657.0	335.1	187.3

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

Table 32.--*Volume of hardwood growing stock by ownership class, site class, and forest class, Texas, 1975*[1]

Ownership class	Site class	All classes	Forest class				
			Pine plantations	Natural pine	Mixed pine-hardwoods	Upland hardwoods	Bottomland hardwoods
		million cubic feet					
National forest	High	124.9	1.4	52.6	36.7	4.0	30.2
	Medium	29.7	...	20.4	7.1	2.3	...
	Poor	7.9	...	...	...	...	7.9
	All sites	162.5	1.4	73.0	43.8	6.2	38.1
Other public	High	19.8	0.3	3.8	5.9	8.2	1.7
	Medium	69.0	...	1.8	7.2	20.5	39.6
	Poor	7.9	...	...	...	7.5	0.4
	All sites	96.7	0.3	5.5	13.1	36.2	41.7
Forest industry[2]	High	865.7	3.7	162.9	318.2	121.5	259.4
	Medium	469.1	6.8	43.3	82.9	94.9	241.1
	Poor	3.6	...	2.5	0.5	0.6	...
	All sites	1,338.4	10.5	208.8	401.5	217.0	500.6
Farmer	High	175.0	...	20.4	30.9	20.0	103.7
	Medium	224.4	2.0	10.1	28.8	73.7	109.8
	Poor	97.3	...	1.2	1.2	84.5	10.4
	All sites	496.7	2.0	31.7	60.9	178.1	223.9
Miscellaneous corporate	High	77.5	...	8.6	16.1	21.7	31.1
	Medium	93.7	...	8.5	15.2	38.5	31.6
	Poor	8.3	...	3.0	...	2.2	3.0
	All sites	179.5	...	20.1	31.2	62.4	65.7
Other private	High	1,083.4	2.4	152.8	280.6	223.6	424.0
	Medium	989.1	0.8	103.0	155.3	341.4	388.7
	Poor	222.3	...	0.7	3.0	195.1	23.5
	All sites	2,294.7	3.2	256.5	438.8	760.1	836.1
All owners	High	2,346.3	7.7	401.2	688.4	398.9	850.1
	Medium	1,875.0	9.6	187.1	296.3	571.2	810.8
	Poor	347.2	...	7.4	4.7	289.9	45.1
	All sites	4,568.5	17.3	595.7	989.4	1,260.0	1,706.0

[1]Totals may not add due to rounding.
[2]Includes land under long-term lease.

McWilliams, William H. and Bridsey, Richard A. Midsouth timber statistics. Resourc. Bull. SO-108 New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station; 1986.42 p.

Timberland area and volume statistics are presented for the Midsouth and individual states. The Midsouth is 50 percent forested with 98 million acres of timberland. The region's forest supports 103 billion cubic feet of growing stock. Stands are concentrated on productive sites with adequate stocking of trees.

Additional keywords: Timberland area, timber volume, forest ownership, forest class, productivity, stocking.