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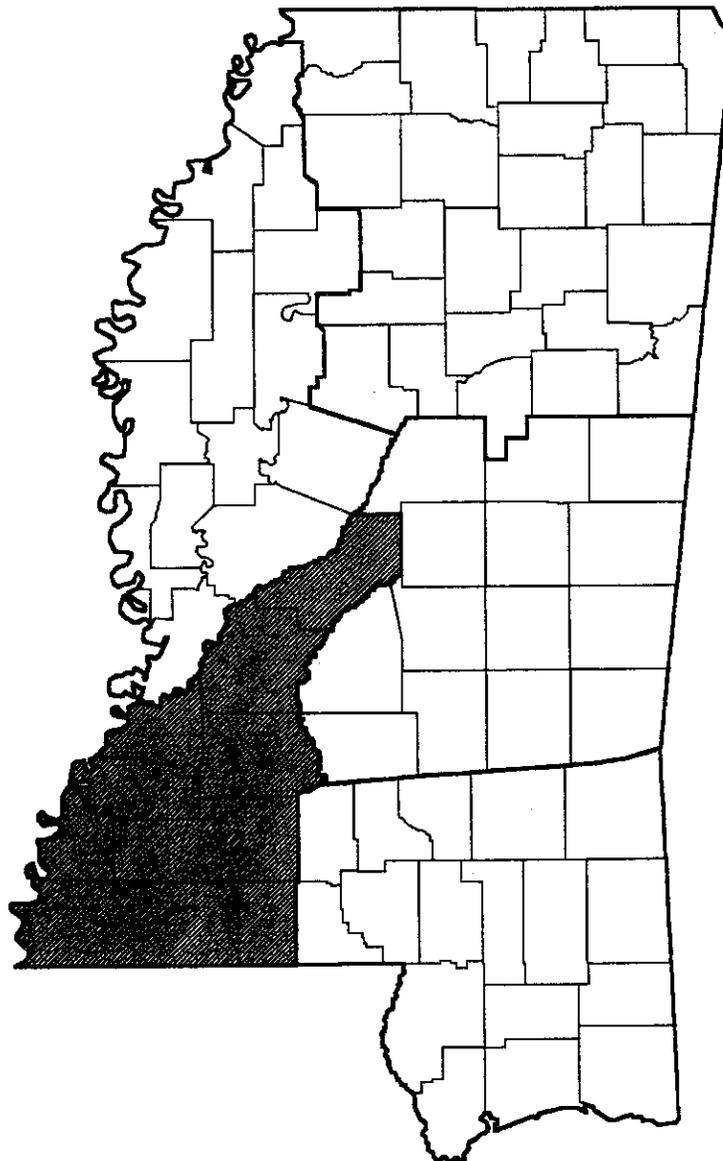
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Forest Statistics for Southwest Mississippi Counties—1994

Joanne L. Faulkner, Andrew J. Hartsell,
and Jack D. London



FOREWORD

The USDA Forest Service, Southern Forest Experiment Station, Forest Inventory and Analysis (SO-FIA) unit, conducts forest inventories covering Alabama, Arkansas, Louisiana, Mississippi, east Oklahoma, Tennessee, east Texas, and the Commonwealth of Puerto Rico.

The SO-FIA forest inventories are part of a nationwide effort originally authorized by the McSweeney-McNary Act of 1928. More recent legislation pertinent to the SO-FIA mission includes the Forest and Rangeland Renewable Resources Planning Act of 1974 and the Forest and Rangeland Renewable Resources Research Act of 1978. The SO-FIA mission is to develop, to analyze, and to maintain forest resource information that is essential for formulation of forest policies and programs.

ACKNOWLEDGMENTS

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*Core tables are identical among Forest Inventory and Analysis units in the Eastern United States.

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INTRODUCTION

Tabulated results were derived from data obtained during a 1994 forest inventory of southwest Mississippi counties (fig. 1). These data are considered preliminary. Field work was conducted from February to August 1994. Core tables 1 through 25 are compatible among Forest Inventory and Analysis (FIA) units in the Eastern United States. Supplemental tables 26 through 44 provide information beyond that provided by the core tables. Comparisons are made between results of the 1994 inventory and previous inventories conducted in 1987 and 1977.

METHODS

The Southern Forest Experiment Station, Forest Inventory and Analysis unit (SO-FIA) uses a two-phase sample of temporary aerial-photo points and a systematic grid of permanent ground plots. The area of forested land was determined by photo-interpretation of temporary points and field checks of permanent plots. Field measurements were conducted on a subset of permanent plots spaced 3 miles apart. Trees were measured on plots that were forested at the time of the current inventory or at the time of the previous inventory.

Each plot consisted of 10 satellite points spread over about 1 acre. At each point, trees 5.0 inches in diameter at breast height (d.b.h.) and larger were selected for measurement on a variable-radius plot defined by a 37.5-factor prism. Thus, each tree selected with the prism represented 3.75 square feet of basal area per acre. Trees from 1.0 to 4.9 inches in d.b.h. were tallied on a 1/275-acre fixed plot at each of the first three points and at any remaining points where fewer than two trees 5.0 inches in d.b.h. or larger were tallied. If no trees greater than 1.0 inch were tallied at a point, then seedlings were tallied. Several plot-level measurements relating to timber and other forest resources were also collected.

Tree data were used to estimate volume, basal area, number of trees, and other plot-level variables. Ownership information was obtained for each measurement plot using tax records and other sources. Plot-level estimates were expanded using county-level factors derived as part of the forest area determination.

Over successive inventories, techniques have evolved so that some changes have been instituted. In recent inventories these changes have been mostly minor in scale and have been instituted because of the availability of better methods or to

achieve greater compatibility among FIA units. These changes may, in some cases, affect the ability to discern minor shifts in resource trends.

The major change affecting the 1994 inventory is the modified tree classification system that has been in effect since the 1988 inventory of Arkansas. Tree grade 5 is used to designate trees capable of producing at least one 12-foot log or two 8-foot logs in the sawlog portion, but not capable of producing a gradable 12-foot log in the butt 16-foot section. These trees—formerly classified as rough or rotten culls—are now included in growing stock. In previous inventories where this revision has been in effect, these trees have increased softwood growing-stock volume 1 to 2 percent and hardwood, 6 to 8 percent. Comparisons of the current inventory with previous estimates of growing stock are based on data that have been reprocessed to account for the change in definition as far as possible.

Another change affecting the classification of growing-stock trees is the requirement that at least one-third of the volume in the sawlog section (or prospective volume, in the case of smaller-than-sawtimber size trees) has to be utilizable. Previously, one-half the volume had to be utilizable. In the previous inventories where this revision in utilizable volume has been in effect, few trees have been affected.

Two final changes affecting trend analysis involve area estimate changes. First, the use of the U.S. Census Bureau's land area estimates for the determination of the land area expanders affects area change analysis. In the 1987 survey, the U.S. Census Bureau's 1980 land area estimates were used; in the 1994 survey, the 1990 land area estimates were used. The result of this change is that total land area in this unit decreased 13,000 acres from the 1987 to 1994 forest surveys. Much of this change is due to the Census Bureau's new definition of the water classification, which includes areas previously classified as land. Another change affecting area trend analysis concerns the classification of national forest lands. In the 1987 survey, forest area for all ownerships was calculated based on an estimate of forest area for the county. That is, each national forest plot's expansion factor was based on the forest area for the county in which the plot occurred. For the 1994 survey of Mississippi, national forest lands were enumerated, and each plot's expansion factor was based on the forest area of national forest lands in that county.

Because of the revised definitions and to better assess trends, analysis of trends in inventory volume, growth, removals, and mortality will focus on live trees, rather than growing-stock, as had been done in the past.

Table I.—Sampling errors* for timberland, live trees, growing stock, and sawtimber, southwest Mississippi counties, 1994

County	Timberland	Live trees			Growing stock			Sawtimber volume
		Volume	Growth	Removals	Volume	Growth	Removals	
-----Percent-----								
Adams	3.2	12.1	12.7	30.6	12.9	12.0	31.4	16.8
Amite	2.2	9.8	9.1	16.6	9.9	8.0	16.5	13.7
Claiborne	2.1	9.7	20.2	33.3	10.2	19.2	34.0	11.6
Copiah	1.4	8.9	10.3	18.4	9.2	10.3	18.6	12.2
Franklin	2.0	11.0	16.8	18.9	11.4	16.0	18.9	13.1
Hinds	2.2	12.1	11.8	28.5	12.7	11.2	28.6	15.3
Jefferson	2.6	19.8	19.8	20.9	21.3	19.5	21.2	27.7
Lincoln	1.5	12.0	13.4	22.6	12.5	13.3	22.5	17.0
Madison	2.4	12.5	10.1	27.5	13.8	11.0	27.6	19.5
Pike	3.1	23.0	21.4	35.7	24.6	19.8	36.2	33.8
Wilkinson	1.7	10.7	16.9	20.3	11.5	17.9	20.8	15.3
All counties	0.7	3.7	4.4	7.3	4.0	4.3	7.3	5.2

*By random-sampling formula.

STATISTICAL RELIABILITY

The sampling methods were designed to achieve suitable sampling errors for estimates of area and volume at the State level. Sampling error increases as the area or volume considered decreases. The sampling errors presented in table I are equal to one standard deviation for the sample estimates and may be used to compute confidence intervals for population data.

As an example, the 95-percent confidence interval for growing-stock volume in southwest Mississippi counties is computed as follows:

$$4,013.7 \pm 1.96(0.040 \times 4,013.7) = 4,013.7 \pm 314.7$$

where 1.96 is the number of standard deviations. Therefore, the 95-percent confidence interval is 3,699.0 to 4,328.4 million cubic feet. This interval captures the true growing-stock inventory volume for the region unless a 1-in-20 chance of a random event has occurred.

The results are reported for individual counties, thereby allowing computation of statistical confidence for any combination of counties. Values for individual counties are subject to high sampling errors; users are cautioned about using data for

single counties. The sampling error may be estimated for any group of counties by the following formula:

$$SE_g = SE_t \frac{\sqrt{X_t}}{\sqrt{X_g}}$$

where

SE_g = standard error of estimate (expressed as a percentage) for the group of counties desired

SE_t = standard error of estimate (expressed as a percentage) for the unit

X_g = sum of values for the variable of interest (area or volume) for the group of counties to be combined

X_t = total area or volume for the unit.

For example, the estimate of sampling error for growing-stock volume in Adams, Amite, Franklin, and Wilkinson Counties is computed as:

$$SE_g = 4.0 \frac{\sqrt{4,013.7}}{\sqrt{1,742.0}} = 6.1.$$

Thus, the sampling error is 6.1 percent, and the resulting 95-percent confidence interval for growing-stock volume in the four-county area is 1,742.0 ± 208.3 million cubic feet.

Table II.—Components of annual change in the volume of live trees by inventory period and species group, southwest Mississippi counties, 1994*

Inventory period and species group	Gross growth		
	Net growth	Mortality	Removals
	----- Million cubic feet -----		
1977 to 1987			
Softwoods	82.3	19.8	84.3
Hardwoods	106.3	20.0	44.7
Total	188.6	39.8	128.9
1987 to 1994			
Softwoods	100.5	18.9	132.6
Hardwoods	86.4	27.7	86.6
Total	186.9	46.6	219.2

*Numbers in columns may not add to totals due to rounding.

HIGHLIGHTS

Area

The southwest Mississippi survey unit is 70 percent forested, up from 63 percent forested in 1987. All of the 3,036,200 acres of forest land is classified as timberland and represents a 10 percent increase from the 1987 forest survey estimate.

Nonindustrial private owners account for 74 percent of the timberland in the southwest unit, with 2,237,400 acres. Forest industry accounts for 15 percent of the timberland with 468,000 acres. Public ownership of timberland accounts for 11 percent of the timberland with 330,700 acres.

Oak-hickory type forests comprise 36 percent of the timberland, with 1,100,000 acres. Shortleaf-loblolly pine type forests account for 28 percent of the timberland, with 858,900 acres. Natural pine forests account for 532,600 acres, while planted pine forests account for 326,300 acres. Oak-pine and oak-gum-cypress type forests each account for 17 percent of the timberland, with 528,900 and 503,800 acres, respectively. Elm-ash-cottonwood type forests account for 39,700 acres, non-typed forests account for 5,000 acres.

Sawtimber size stands, with 1,568,100 acres, still account for the greatest portion of timberland, 52 percent. Sapling-seedling stands comprise 32 percent of the timberland, with 971,000 acres. Poletimber stands account for 16 percent of the timberland, with 479,400 acres. Nonstocked areas account for less than 1 percent of the total timberland area, with an estimated 17,800 acres in 1994.

Stand Structure

Hardwoods comprise 76 percent of all live trees in this unit, while softwoods account for 24 percent.

Softwoods less than 5.0 inches in d.b.h. increased 57 percent to 310,844 thousand trees. Softwoods from 5.0 to 8.9 inches in d.b.h. increased 52 percent to 80,024 thousand trees. Softwoods 9.0 inches in d.b.h. and greater decreased 16 percent to 41,948 thousand trees.

For hardwoods, the number of all live trees less than 5.0 inches in d.b.h. is 1,144,859 thousand trees. Hardwood trees from 5.0 to 10.9 inches in d.b.h. decreased 5 percent to 173,662 thousand trees. Hardwoods 11.0 inches in d.b.h. and greater increased 4 percent to 53,228 thousand trees.

The average basal area of all live trees is 78.6 square feet per acre, a 6 percent decrease since 1987. Sixty-seven percent of the basal area is in hardwoods, thirty-three percent in softwoods.

Softwood sapling-seedling basal area increased 55 percent since 1987, but only accounts for 6 percent of the total basal area. Softwood poletimber basal area increased 27 percent but only accounts for 8 percent of the total basal area. Softwood sawtimber basal area accounts for 19 percent of the total basal area, and decreased 20 percent since 1987. Overall, softwood basal area decreased four percent.

Hardwood sapling-seedling basal area decreased 11 percent and constitutes 14 percent of the total basal area. Hardwood poletimber accounts for 21 percent of the total basal area, and decreased 12 percent since 1987. Hardwood sawtimber still accounts for the majority of the total basal area, at 32 percent of the total. This represents a two percent decrease since 1987. Overall, hardwood basal area decreased seven percent.

Inventory

Softwood live-tree volume did not change statistically since 1987. Softwoods account for 40 percent of the total all live volume, with 1,755.4 million cubic feet. Loblolly pine, with 1,344.0 million cubic feet, accounts for 77 percent of the softwood all live volume, 31 percent of the total all live volume.

The rest of the softwood species combined account for only nine percent of the total all live volume. Shortleaf pine accounts for 15 percent of the softwood volume. Cypress accounts for five percent of the softwood volume. The other softwood species combined (spruce pine, redcedars, longleaf pine, and slash pine) account for three percent of the softwood all live volume.

Hardwood live-tree volume also did not change statistically since 1987. Overall, hardwoods account for 60 percent of the total all live volume in the southwest unit. Six species groups

account for 69 percent of the hardwood all live volume: other red oaks, sweetgum, select red oaks, select white oaks, hickories, and yellow-poplar.

Other red oaks, with 556.0 million cubic feet, account for 21 percent of hardwood all live volume, 13 percent of the total all live volume. Sweetgum, with 500.6 million cubic feet, accounts for 19 percent and 11 percent of the hardwood and total all live volume, respectively. Select red oaks account for ten percent of the hardwood all live volume and six percent of the total. Select white oaks account for eight percent of the hardwood all live volume and five percent of the total. Hickories comprise six percent and three percent, respectively, of the hardwood and total all live volume. Yellow-poplar accounts for five percent of hardwood all live volume. All oaks combined account for 42 percent of the hardwood volume, 25 percent of the total volume. Distributions for hardwood all live volume by species for 1987 were basically the same as the distributions for 1994.

The same volume on more timberland caused the average live-tree volume per acre to decrease from 1,579 cubic feet to 1,443 cubic feet. Softwood live-tree volume per acre decreased from 671 cubic feet to 578 cubic feet. Hardwood live-tree volume per acre decreased from 908 cubic feet to 865 cubic feet.

Softwood sawtimber volume did not change statistically since 1987. It accounts for 51 percent of the total sawtimber volume. Grade 3 volume, with 3,431.8 million board feet, accounts for 40 percent of the softwood sawtimber volume (20 percent of the total). Grade 1 accounts for 35 percent of the softwood sawtimber volume with 3,080.8 million board feet. Volume in Grade 2 and Grade 5 accounts for 23 percent and 2 percent of the softwood sawtimber volume, respectively.

Hardwood sawtimber volume did not change statistically since 1987. It accounts for 49 percent of the total sawtimber volume in this unit. Grade 3 accounts for 33 percent of the hardwood sawtimber volume with 2,753.2 million board feet. Volume in Grade 2 and Grade 1 accounts for 24 and 23 percent, respectively, of the hardwood volume. Grade 4 accounts for 14 percent of the hardwood volume, while Grade 5 accounts for 6 percent of the hardwood volume.

Components of change

Average net annual all live growth for 1987 to 1994 is 61.6 cubic feet per acre per year. Softwood growth per acre per year is 33.1 cubic feet. Hardwood growth per acre per year is 28.5 cubic feet. Within the unit, softwood and hardwood all live growth were unchanged.

Average annual live-tree mortality increased 39 percent for hardwoods. Softwood mortality was unchanged.

Average annual all live removals for softwoods increased 57 percent to 132.6 million cubic feet per year, while hardwood removals increased 94 percent to 86.6 million cubic feet per year. Softwoods account for 60 percent of the removals in this unit, hardwoods 40 percent.

Average annual sawtimber removals for hardwoods increased 114 percent to 310.6 million board feet. Average annual softwood sawtimber removals increased 187 percent to 686.1 million board feet.

Conclusions

The results of the 1994 forest survey of the southwest Mississippi unit indicated a 10 percent increase in timberland area since 1987. Sawtimber size stands still account for the greatest portion of timberland.

Hardwoods account for 76 percent of the trees, softwoods 24 percent.

All live removals increased 94 percent for hardwoods, 57 percent for softwoods.

While there was no statistical change in the current inventory, a continuation of removals trends could indicate a decreasing inventory in the future.

APPENDIX

Definition of Terms

Dimension Classes of Trees

Poletimber trees—Softwoods 5.0 inches to 8.9 inches in diameter at breast height (d.b.h.) and hardwoods 5.0 to 10.9 inches in d.b.h.

Rough, rotten, and salvable dead trees—See "tree classes."

Saplings—Trees 1.0 inch to 4.9 inches in d.b.h.

Sawtimber trees—Trees 9.0 inches and larger in d.b.h. for softwoods and 11.0 inches and larger for hardwoods.

Seedlings—Trees less than 1.0 inch in d.b.h. and greater than 1 foot tall for hardwoods, greater than 6 inches tall for softwoods, and greater than 0.5 inch in diameter at ground level for longleaf pine.

Forest Land Classes

Forest land—Land at least 10 percent stocked by forest trees of any size, or formerly having such tree cover, and not currently developed for nonforest uses. Minimum area considered for classification is 1 acre. Forest land is divided into timberland, reserved timberland, and woodland.

Reserved timberland—Productive public forest land withdrawn from timber utilization through statute or administrative regulations.

Timberland—Forest land that is producing, or is capable of producing, crops of industrial wood and is not withdrawn from timber utilization. Timberland is synonymous with "commercial forest land" in prior reports.

Woodland—Forest land incapable of yielding crops of industrial wood because of adverse site conditions.

Forest Type Groups

Elm-ash-cottonwood—Forests in which elms, ashes, or cottonwoods, singly or in combination, comprise a plurality of the stocking. Common associates include willows, sycamore, American beech, and maples.

Loblolly-shortleaf pine—Forests in which pines (except longleaf and slash pines) and eastern redcedar, singly or in combination, comprise a plurality of the stocking. Common associates include oaks, hickories, and gums.

Longleaf-slash pine—Forests in which longleaf or slash pines, singly or in combination, comprise a plurality of the stocking. Common associates include other southern pines, oaks, and gums.

Nontyped—Timberland currently unoccupied by any live trees or seedlings; for example, very recent clearcut areas.

Oak-gum-cypress—Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprise a plurality of the stocking except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include cottonwoods, willows, ashes, elms, hackberry, and maples.

Oak-hickory—Forests in which upland oaks or hickories, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak-pine. Common associates include yellow-poplar, elms, maples, and black walnut.

Oak-pine—Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking, but in which softwoods, except cypress, comprise 25 to 49 percent of the stocking. Common associates include gums, hickories, and yellow-poplar.

Growth Classes

Gross growth—Total increase in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Gross growth equals survivor growth, plus ingrowth, plus growth on removals, plus growth on mortality, plus cull increment (for growing stock computations). Gross growth includes mortality.

Net change—Increase or decrease in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Net change is equal to net growth minus removals.

Net growth—Increase in stand volume computed on growing-stock trees or live trees at least 5.0 inches in d.b.h. Net growth is equal to gross growth minus mortality.

Miscellaneous Definitions

Average annual mortality—Average annual sound-wood volume of growing-stock or live trees that died from natural causes for the intersurvey period.

Average annual removals—Average net annual volume of growing-stock or live trees removed from the inventory by harvesting, cultural operations (such as timber-stand improvement), land clearing, or changes in land use for the intersurvey period.

Average net annual growth—Average net annual volume increase of growing-stock or live trees for the intersurvey period.

Basal area—The area in square feet of the cross section at breast height of a single tree or of all the trees in a stand, usually expressed in square feet per acre.

Cull increment—The change in growing-stock volume due to growing-stock, rough, or rotten trees changing tree class between surveys.

D.b.h. (diameter at breast height)—Tree diameter in inches, outside bark, usually measured at 4.5 feet above ground.

Diameter classes—The 2-inch diameter classes extend from 1.0 inch below to 0.9 inch above the stated midpoint. Thus, the 12-inch class includes trees 11.0 inches through 12.9 inches in d.b.h.

D.o.b. (diameter outside bark)—Stem diameter including bark.

Log grades—A classification of logs based on external characteristics as indicators of quality or value.

Mortality—Number or sound-wood volume of growing-stock trees or live trees that died from natural causes during a specified period.

Natural stands—Stands with no evidence of artificial regeneration including those stands established by seed-tree regeneration methods.

Plantations—Planted or artificially seeded stands.

Removals—The net volume of growing-stock or live trees removed from the inventory by harvesting, cultural operations (such as timber stand improvement), land clearing, or changes in land use.

Sawlog portion—That portion of the bole of a sawtimber tree between a 1-foot stump and the sawlog top.

Sawlog top—The point on the bole of a sawtimber tree above which a sawlog cannot be produced. The minimum sawlog top is 7.0 inches in d.o.b. for softwoods and 9.0 inches in d.o.b. for hardwoods.

Select red oaks—A group of several red oak species composed of cherrybark, Shumard, and northern red oaks. Other red oak species are included in the "other red oaks" group.

Select white oaks—A group of several white oak species composed of white, swamp chestnut, swamp white, chinkapin, Durand, and bur oaks. Other white oak species are included in the "other white oaks" group.

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

Tree grade—A classification of the sawlog portion of sawtimber trees based on: (1) the grade of the butt log or (2) the ability to produce at least one 12-foot or two 8-foot logs in the upper section of the sawlog portion. Tree grade is an indicator of quality; grade 1 is the best quality.

Upper-stem portion—That part of the main stem of a sawtimber tree above the sawlog top to a d.o.b. of 4.0 inches or to the point where the main stem breaks into limbs.

Ownership Classes

Farmer-owned land—Lands operated as a unit of 10 acres or more and from which the sale of agricultural products totals \$1,000 or more annually.

Forest industry land—Lands owned by companies or individuals operating wood-using plants (either primary or secondary).

National forest land—Federal lands that have been legally designated as national forests or purchase units and other lands under the administration of the Forest Service, including experimental areas.

Nonindustrial private land (corporate)—Lands privately owned by private corporations other than forest industries and incorporated farms.

Nonindustrial private land (individual)—Lands privately owned by individuals other than forest industries or farmers.

Other Federal land—Federal lands other than national forests.

State, county, and municipal land—Lands owned by States, counties, and local public agencies or municipalities, or lands leased to these governmental units for 50 years or more.

Stand-size Classes

Nonstocked stands—Stands less than 10 percent stocked with live trees.

Poletimber stands—Stands at least 10 percent stocked with live trees, with half or more of this stocking in sawtimber or poletimber trees, and with poletimber stocking exceeding that of sawtimber stocking.

Sapling-seedling stands—Stands at least 10 percent stocked with live trees, with more than half of this stocking in saplings or seedlings.

Sawtimber stands—Stands at least 10 percent stocked with live trees, with half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Stocking

Stocking is 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. Therefore, full stocking is 100 percent of the stocking standard.

The tabulation below shows the density standard in terms of trees per acre by size class required for full stocking.

D.b.h.	Trees per acre	D.b.h.	Trees per acre
<i>Inches</i>		<i>Inches</i>	
Seedlings	600	16	72
2	560	18	60
4	460	20	51
6	340	22	42
8	240	24	36
10	155	26	31
12	115	28	27
14	90	30	24

Stocking categories are arbitrarily defined as follows:

Optimally stocked—Stands 61 to 100 percent stocked with growing-stock trees. These stands are growing toward a fully stocked condition (ideal space required for each tree increases with age). Optimum growth and bole form occur in this range.

Overstocked—Stands greater than 100 percent stocked with growing-stock trees. These stands will become stagnant with mortality of individuals increasing as stocking increases over 100 percent.

Understocked—Stands 0 to 60 percent stocked with growing-stock trees. These stands will take a very long time to reach full stocking. Meanwhile, poor bole form will result, and much of the productivity will be placed on heavy limbs instead of on the bole.

Tree Classes

Commercial species—Tree species currently or potentially suitable for industrial wood products.

Cull trees—Rough or rotten trees.

Growing-stock trees—Living trees of commercial species classified as sawtimber, poletimber, saplings, and seedlings. Trees must contain at least one 12-foot or two 8-foot logs in the sawlog portion currently or potentially (if too small to qualify) to be classed as growing stock. The log(s) must meet dimension and merchantability standards to qualify. Trees must also have currently or potentially one-third of the gross board-foot volume in sound wood.

Hardwoods—Dicotyledonous trees, usually broad leaved and deciduous.

Live trees—All living trees. Included are all size classes, all tree classes, and both commercial and noncommercial species.

Noncommercial species—Tree species of typically small size, poor form, or inferior quality that normally do not develop into trees suitable for industrial wood products.

Rotten trees—Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of rot deduction in the sawlog section. See definition of growing-stock trees.

Rough trees—Live trees of commercial species that are unmerchantable for sawlogs currently or potentially because of roughness or poor form in the sawlog section. Also included are all live trees of noncommercial species. See definition of growing-stock trees.

Salvable dead trees—Standing or downed dead trees that were formerly growing stock and are considered merchantable. Trees must be at least 5.0 inches in d.b.h. to qualify.

Softwoods—Coniferous trees, usually evergreen, having leaves that are needles or scalelike.

Volume

Volume of cull—The cubic-foot volume of sound wood in rough and rotten trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.

Volume of growing stock—The cubic-foot volume of sound wood in growing-stock trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.

Volume of live trees—The cubic-foot volume of sound wood in growing-stock, rough, and rotten trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.

Volume of sawlog portion of sawtimber trees—The cubic-foot volume of sound wood in the sawlog portion of sawtimber trees. Volume is the net result after deductions for rot, sweep, and other defects that affect use for lumber.

Volume of sawtimber—The board-foot volume (International 1/4-inch Rule) of sound wood in the sawlog portion of sawtimber trees. Volume is the net result after deductions for rot, sweep, and other defects that affect use for lumber.

Volume of timber—The cubic-foot volume of sound wood in growing-stock, rough, rotten, and salvable dead trees at least 5.0 inches in d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem or to the point where the central stem breaks into limbs.

Core Tables 1 through 25

Table 1.—Area by county and land class, southwest Mississippi counties, 1994*

County	All land [†]	Forest land				Nonforest land
		Total	Timberland	Woodland	Reserved timberland	
<i>Thousand acres</i>						
Adams	294.6	209.5	209.5	0.0	0.0	85.1
Amite	467.0	362.8	362.8	0.0	0.0	104.2
Claiborne	311.6	252.7	252.7	0.0	0.0	58.9
Copiah	497.1	381.9	381.9	0.0	0.0	115.2
Franklin	361.4	322.4	322.4	0.0	0.0	39.0
Hinds	556.3	241.6	241.6	0.0	0.0	314.8
Jefferson	332.4	261.7	261.7	0.0	0.0	70.8
Lincoln	374.9	265.1	265.1	0.0	0.0	109.8
Madison	460.3	220.9	220.9	0.0	0.0	239.4
Pike	261.7	171.5	171.5	0.0	0.0	90.2
Wilkinson	433.1	346.3	346.3	0.0	0.0	86.8
All counties	4,350.3	3,036.2	3,036.2	0.0	0.0	1,314.1

*Numbers in columns and rows may not add to totals due to rounding.

[†]From the U. S. Bureau of the Census.

Table 2.—Area of timberland by county and ownership class, southwest Mississippi counties, 1994*

County	All ownerships	National forest	Misc. federal	State	County and municipal	Forest industry [†]	Farmer	Corporate [‡]	Individual [‡]
<i>Thousand acres</i>									
Adams	209.5	14.0	0.0	10.9	0.0	16.3	32.6	21.7	114.0
Amite	362.8	33.8	0.0	47.0	0.0	26.1	83.6	20.9	151.4
Claiborne	252.7	0.0	6.5	6.5	0.0	51.8	32.4	19.4	136.1
Copiah	381.9	9.7	5.0	10.1	0.0	90.5	110.7	5.0	150.9
Franklin	322.4	93.6	0.0	12.7	0.0	95.3	6.4	0.0	114.4
Hinds	241.6	0.0	6.2	0.0	0.0	6.2	55.7	24.8	148.7
Jefferson	261.7	6.7	0.0	6.1	0.0	72.9	54.6	0.0	121.4
Lincoln	265.1	6.8	0.0	0.0	5.9	17.6	29.3	11.7	193.7
Madison	220.9	0.0	0.0	0.0	16.2	16.2	48.5	37.7	102.4
Pike	171.5	0.0	0.0	0.0	0.0	0.0	66.0	0.0	105.5
Wilkinson	346.3	20.8	0.0	6.3	6.3	75.1	62.6	18.8	156.5
All counties	3,036.2	185.3	17.7	99.4	28.3	468.0	582.3	160.1	1,495.0

*Numbers in columns and rows may not add to totals due to rounding.

[†]Includes land leased to forest industries.

[‡]Land owned by Indians will be classed as corporate or individual as defined by the Bureau of Indian Affairs.

Table 3.—Area of timberland by county and forest type group, southwest Mississippi counties, 1994*

County	Forest type group							
	Total	Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood	Nontyped
		Planted	Natural					
----- Thousand acres -----								
Adams	209.5	0.0	0.0	34.2	126.5	21.7	27.2	0.0
Amite	362.8	37.0	126.6	67.9	89.6	41.8	0.0	0.0
Claiborne	252.7	25.9	13.0	13.0	129.6	64.8	6.5	0.0
Copiah	381.9	65.4	55.3	70.2	105.4	80.5	0.0	5.0
Franklin	322.4	16.8	111.5	98.8	82.6	12.7	0.0	0.0
Hinds	241.6	12.4	18.6	43.4	136.3	31.0	0.0	0.0
Jefferson	261.7	30.4	12.7	42.5	115.4	54.6	6.1	0.0
Lincoln	265.1	23.5	64.6	51.5	82.2	43.4	0.0	0.0
Madison	220.9	21.6	53.9	26.9	53.9	64.7	0.0	0.0
Pike	171.5	33.0	26.4	26.4	66.0	19.8	0.0	0.0
Wilkinson	346.3	60.5	50.1	54.2	112.7	68.9	0.0	0.0
All counties	3,036.2	326.3	532.6	528.9	1,100.0	503.8	39.7	5.0

*Numbers in columns and rows may not add to totals due to rounding.

Table 4.—Area of timberland by county and stand-size class, southwest Mississippi counties, 1994*

County	Stand-size class				
	All classes	Sawtimber	Poletimber	Sapling- seedling	Nonstocked areas
----- Thousand acres -----					
Adams	209.5	119.1	54.3	36.1	0.0
Amite	362.8	195.3	68.3	99.2	0.0
Claiborne	252.7	207.3	6.5	32.4	6.5
Copiah	381.9	190.9	50.3	135.6	5.0
Franklin	322.4	169.3	30.6	122.5	0.0
Hinds	241.6	117.7	24.8	99.1	0.0
Jefferson	261.7	128.1	30.4	103.2	0.0
Lincoln	265.1	112.5	52.8	99.8	0.0
Madison	220.9	102.4	59.3	59.3	0.0
Pike	171.5	46.2	39.6	85.8	0.0
Wilkinson	346.3	179.4	62.6	98.1	6.3
All counties	3,036.2	1,568.1	479.4	971.0	17.8

*Numbers in columns and rows may not add to totals due to rounding.

Table 5.—Area of timberland by county and site class, southwest Mississippi counties, 1994*

County	All classes	Site class (Cubic feet/acre/year)				
		>165	120–165	85–120	50–85	<50
----- Thousand acres -----						
Adams	209.5	90.0	76.0	38.0	5.4	0.0
Amite	362.8	95.2	178.0	84.4	5.2	0.0
Claiborne	252.7	129.6	103.7	6.5	13.0	0.0
Copiah	381.9	40.2	150.7	130.8	60.2	0.0
Franklin	322.4	80.9	161.2	74.0	6.4	0.0
Hinds	241.6	86.7	111.5	43.4	0.0	0.0
Jefferson	261.7	72.9	103.8	72.9	12.1	0.0
Lincoln	265.1	53.8	111.5	88.0	11.7	0.0
Madison	220.9	32.3	86.2	80.8	21.6	0.0
Pike	171.5	33.0	79.2	59.4	0.0	0.0
Wilkinson	346.3	110.6	102.2	114.7	18.8	0.0
All counties	3,036.2	825.2	1,263.9	792.8	154.3	0.0

*Numbers in columns and rows may not add to totals due to rounding.

Table 6.—Area of timberland by county and stocking class of growing-stock trees, southwest Mississippi counties, 1994*

County	All classes	Stocking class (Percent)				
		>130	100–130	60–100	16.7–60	<16.7
----- Thousand acres -----						
Adams	209.5	5.4	36.1	92.0	70.6	5.4
Amite	362.8	10.4	127.4	178.0	47.0	0.0
Claiborne	252.7	0.0	25.9	142.5	77.8	6.5
Copiah	381.9	10.1	75.4	211.1	80.3	5.0
Franklin	322.4	11.6	78.6	158.3	67.6	6.4
Hinds	241.6	0.0	31.0	161.0	49.6	0.0
Jefferson	261.7	12.1	30.4	140.2	78.9	0.0
Lincoln	265.1	17.6	63.2	131.4	52.8	0.0
Madison	220.9	5.4	59.3	134.7	21.6	0.0
Pike	171.5	6.6	39.6	72.6	46.2	6.6
Wilkinson	346.3	6.3	35.5	173.1	118.9	12.5
All counties	3,036.2	85.5	602.2	1,594.9	711.2	42.4

*Numbers in columns and rows may not add to totals due to rounding.

Table 7.—Area of timberland by forest type group and ownership class, southwest Mississippi counties, 1994*

Forest type group	All ownerships	National forest	Other public	Forest industry	Forest industry- leased	Other private
Loblolly-shortleaf pine	858.8	85.3	53.8	156.2	0.0	563.5
Softwood total	858.8	85.3	53.8	156.2	0.0	563.5
Oak-pine	528.9	74.6	32.8	93.5	5.0	322.9
Oak-hickory	1,100.0	23.1	43.0	149.4	0.0	884.6
Oak-gum-cypress	503.8	2.3	5.4	52.4	5.0	438.6
Elm-ash-cottonwood	39.7	0.0	5.4	6.5	0.0	27.8
Hardwood total	2,172.3	100.0	86.6	301.8	10.1	1,673.9
Nontyped	5.0	0.0	5.0	0.0	0.0	0.0
All types	3,036.2	185.3	145.4	458.0	10.1	2,237.4

*Numbers in columns and rows may not add to totals due to rounding.

Table 8.—Area of timberland by ownership and stocking class of growing-stock trees, southwest Mississippi counties, 1994*

Ownership class	All classes	Stocking class (Percent)				
		>130	100-130	60-100	16.7-60	<16.7
----- Thousand acres -----						
National forest	185.3	5.2	87.1	77.7	15.2	0.0
Other public	145.4	5.4	32.8	90.7	11.5	5.0
Forest industry	458.0	17.2	91.7	208.7	127.5	12.8
Forest industry-leased	10.1	0.0	5.0	0.0	5.0	0.0
Other private	2,237.4	57.7	385.6	1,217.7	551.9	24.5
All ownerships	3,036.2	85.5	602.2	1,594.9	711.2	42.4

*Numbers in columns and rows may not add to totals due to rounding.

Table 9.—Area of timberland by forest type group and stand-size class, southwest Mississippi counties, 1994*

Forest type group	All classes	Stand-size class			Nonstocked areas
		Sawtimber	Poetimber	Sapling- seedling	
----- Thousand acres -----					
Loblolly-shortleaf pine	858.8	351.2	171.2	336.4	0.0
Softwood total	858.8	351.2	171.2	336.4	0.0
Oak-pine	528.9	307.9	56.2	164.8	0.0
Oak-hickory	1,100.0	534.1	169.0	396.9	0.0
Oak-gum-cypress	503.8	357.9	72.1	67.5	6.3
Elm-ash-cottonwood	39.7	16.9	10.9	5.4	6.5
Hardwood total	2,172.3	1,216.9	308.2	634.5	12.7
Nontyped	5.0	0.0	0.0	0.0	5.0
All types	3,036.2	1,568.1	479.4	971.0	17.8

*Numbers in columns and rows may not add to totals due to rounding.

Table 10.—Number of live trees on timberland by species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)												
	All classes	1.0– 2.9	3.0– 4.9	5.0– 6.9	7.0– 8.9	9.0– 10.9	11.0– 12.9	13.0– 14.9	15.0– 16.9	17.0– 18.9	19.0– 20.9	21.0– 28.9	≥29.0
	----- <i>Thousand trees</i> -----												
Longleaf-slash pines	535	0	0	0	220	0	133	80	15	62	18	8	0
Shortleaf-loblolly pines	417,873	192,411	109,960	52,625	24,638	12,093	8,260	6,128	4,751	2,817	2,006	2,117	66
Other yellow pines	2,545	477	1,076	230	160	201	56	111	84	36	51	64	0
Cypress	4,773	2,227	0	148	235	448	403	531	330	249	123	67	13
Other softwoods	7,091	3,049	1,645	1,232	536	128	224	220	16	12	22	6	0
Total softwoods	432,816	198,163	112,681	54,234	25,790	12,870	9,075	7,069	5,197	3,176	2,220	2,262	79
Select white oaks	34,899	13,672	6,944	4,249	3,044	2,172	1,527	1,370	675	511	272	429	36
Select red oaks	29,989	15,118	3,424	3,487	1,957	1,756	822	609	662	756	457	793	149
Other white oaks	14,269	5,200	3,027	2,114	1,476	892	540	348	334	129	80	97	31
Other red oaks	129,635	77,020	19,317	8,774	7,160	5,122	3,718	2,664	2,050	1,427	830	1,245	306
Hickories	54,994	34,254	9,360	4,468	2,385	1,305	1,052	619	611	398	181	301	60
Hard maples	2,408	1,645	477	0	155	0	29	67	16	0	20	0	0
Soft maples	78,467	58,975	11,515	3,879	2,418	825	402	257	131	39	9	16	0
Beech	13,409	9,779	479	710	681	304	298	264	204	238	149	248	54
Sweetgum	305,774	189,338	63,981	22,746	13,326	7,302	3,883	2,152	1,468	777	386	397	17
Tupelos-blackgums	67,788	52,032	8,662	2,622	1,851	593	902	474	350	169	66	63	5
Ashes	31,560	21,234	2,644	2,980	1,899	861	642	479	340	236	106	140	0
Cottonwood-aspen	519	0	0	105	0	0	51	23	51	36	53	127	73
Basswood	2,748	1,188	1,188	0	168	0	32	40	64	0	24	44	0
Yellow-poplar	21,976	15,661	1,401	1,342	723	387	597	419	453	408	202	340	42
Black walnut	743	0	557	0	0	138	29	0	19	0	0	0	0
Other hardwoods	372,060	267,020	61,516	20,552	9,954	4,985	3,116	2,019	1,130	865	426	451	25
Total hardwoods	1,161,237	762,136	194,492	78,028	47,197	26,643	17,638	11,803	8,558	5,989	3,262	4,691	800
Noncommercial	210,512	145,751	42,480	14,728	5,223	1,843	353	80	47	0	0	7	0
All species	1,804,565	1,106,051	349,653	146,989	78,210	41,355	27,066	18,953	13,801	9,166	5,482	6,960	879

*Numbers in columns and rows may not add to totals due to rounding.

Table 11.—Number of growing-stock trees on timberland by species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)												
	All classes	1.0–2.9	3.0–4.9	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- <i>Thousand trees</i> -----													
Longleaf–slash pines	535	0	0	0	220	0	133	80	15	62	18	8	0
Shortleaf–loblolly pines	368,940	161,498	97,737	48,537	23,627	11,633	8,147	6,063	4,736	2,817	1,986	2,090	66
Other yellow pines	2,405	477	1,076	90	160	201	56	111	84	36	51	64	0
Cypress	4,677	2,227	0	148	235	365	403	531	330	249	123	67	0
Other softwoods	5,016	1,600	1,645	969	390	75	138	154	16	12	11	6	0
Total softwoods	381,573	165,802	100,458	49,744	24,632	12,274	8,877	6,938	5,181	3,176	2,189	2,235	66
Select white oaks	21,459	5,283	3,392	3,632	2,829	1,965	1,363	1,259	601	477	252	390	14
Select red oaks	21,100	9,125	1,946	2,813	1,716	1,594	698	518	631	743	439	747	129
Other white oaks	7,727	1,493	1,017	2,002	1,335	676	486	251	258	85	41	64	18
Other red oaks	76,491	33,595	14,620	7,348	6,143	4,361	3,039	2,341	1,833	1,242	746	1,005	219
Hickories	24,212	9,622	5,497	3,197	1,845	1,176	972	543	561	362	150	239	47
Hard maples	746	574	0	0	92	0	29	41	0	0	10	0	0
Soft maples	16,485	7,546	3,909	2,520	1,446	561	265	162	49	27	0	0	0
Beech	5,925	3,717	0	460	549	222	202	191	149	201	97	108	29
Sweetgum	191,028	107,990	40,018	17,326	11,356	6,331	3,236	1,985	1,359	726	347	349	4
Tupelos–blackgums	20,503	11,749	2,970	1,984	1,431	488	822	474	334	146	57	42	5
Ashes	14,369	7,098	988	2,475	1,322	773	519	438	306	221	94	135	0
Cottonwood–aspen	414	0	0	0	0	0	51	23	51	36	53	127	73
Basswood	1,477	0	1,188	0	113	0	32	40	48	0	24	33	0
Yellow–poplar	16,011	10,549	922	1,209	662	354	542	410	418	374	202	335	33
Black walnut	626	0	557	0	0	40	29	0	0	0	0	0	0
Other hardwoods	114,447	64,055	23,168	11,012	6,798	3,232	2,324	1,523	867	717	335	397	18
Total hardwoods	533,020	272,399	100,190	55,979	37,637	21,776	14,608	10,199	7,465	5,358	2,848	3,970	590
All species	914,593	438,201	200,648	105,723	62,270	34,050	23,485	17,137	12,646	8,535	5,037	6,206	656

*Numbers in columns and rows may not add to totals due to rounding.

Table 12.—Volume of growing stock on timberland by species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)										
	All classes	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
	----- Million cubic feet -----										
Longleaf–slash pines	14.5	0.0	1.9	0.0	3.3	3.2	0.5	4.0	1.2	0.4	0.0
Shortleaf–loblolly pines	1,591.4	96.3	139.0	147.9	175.0	206.8	231.4	177.9	159.0	244.3	13.9
Other yellow pines	27.1	0.2	1.2	2.4	2.0	4.4	4.1	2.6	3.8	6.4	0.0
Cypress	83.6	0.3	1.3	4.5	8.8	19.5	15.8	16.8	9.9	6.8	0.0
Other softwoods	12.4	2.1	2.4	0.7	2.0	3.5	0.4	0.5	0.6	0.2	0.0
Total softwoods	1,729.1	98.8	145.8	155.5	191.1	237.3	252.3	201.8	174.5	258.1	13.9
Select white oaks	207.5	9.5	17.7	22.5	27.1	35.5	23.6	23.4	14.3	31.7	2.1
Select red oaks	242.7	7.9	10.7	18.8	13.9	14.1	23.7	36.0	26.3	70.2	21.2
Other white oaks	51.5	5.0	6.6	6.3	7.7	5.7	6.8	2.8	2.2	6.3	2.1
Other red oaks	501.3	21.9	39.0	48.2	54.6	60.8	64.1	55.2	45.7	79.1	32.7
Hickories	134.9	8.2	11.1	12.2	17.3	14.3	20.0	15.8	9.4	19.0	7.6
Hard maples	2.7	0.0	0.4	0.0	0.3	1.3	0.0	0.0	0.7	0.0	0.0
Soft maples	29.8	6.9	8.3	4.9	4.3	3.5	1.1	0.7	0.0	0.0	0.0
Beech	44.5	1.1	3.2	2.4	3.4	4.9	4.7	8.9	4.8	7.9	3.4
Sweetgum	454.3	42.4	72.1	74.0	63.3	56.3	55.6	35.7	22.0	32.4	0.6
Tupelos–blackgums	72.2	6.7	8.4	5.5	15.3	12.1	12.0	5.8	2.4	3.4	0.6
Ashes	75.9	6.3	9.7	8.1	8.2	10.3	10.1	9.4	4.7	9.1	0.0
Cottonwood–aspen	40.0	0.0	0.0	0.0	1.0	0.5	1.8	2.0	3.1	13.7	17.9
Basswood	7.6	0.0	0.7	0.0	0.5	1.2	1.7	0.0	1.2	2.3	0.0
Yellow–poplar	122.2	3.5	4.2	4.3	9.6	12.3	17.8	20.3	13.2	32.2	4.8
Black walnut	1.1	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Other hardwoods	296.4	27.0	41.0	34.8	41.7	39.3	29.4	32.1	19.0	30.0	2.0
Total hardwoods	2,284.7	146.5	233.1	242.4	268.8	272.2	272.5	248.1	168.9	337.3	94.9
All species	4,013.7	245.3	378.9	397.9	459.9	509.5	524.8	449.9	343.4	595.4	108.8

*Numbers in columns and rows may not add to totals due to rounding.

Table 13.—Volume of growing stock in the sawlog portion of sawtimber trees on timberland by species and diameter class, southwest Mississippi counties, 1994*

Species	All classes	Diameter class (Inches at breast height)							
		9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Million cubic feet -----									
Longleaf-slash pines	11.1	0.0	2.9	2.9	0.5	3.5	1.0	0.4	0.0
Shortleaf-loblolly pines	1,187.0	114.1	151.5	183.8	207.6	158.8	142.3	216.9	12.0
Other yellow pines	22.1	1.8	1.9	3.9	3.5	2.4	3.3	5.3	0.0
Cypress	74.4	3.2	7.2	17.6	14.8	16.0	9.4	6.1	0.0
Other softwoods	6.8	0.5	1.6	3.1	0.4	0.5	0.6	0.1	0.0
Total softwoods	1,301.4	119.5	165.1	211.3	226.8	181.2	156.6	228.8	12.0
Select white oaks	126.5	0.0	20.2	28.4	18.8	19.2	12.0	26.2	1.8
Select red oaks	170.6	0.0	9.4	11.3	19.8	29.5	21.8	60.9	17.9
Other white oaks	26.7	0.0	6.0	4.5	5.1	2.3	1.9	5.1	1.8
Other red oaks	317.0	0.0	36.9	47.9	51.9	47.0	38.2	66.3	28.7
Hickories	83.1	0.0	13.4	10.8	16.2	12.9	7.5	15.6	6.8
Hard maples	1.7	0.0	0.2	1.0	0.0	0.0	0.5	0.0	0.0
Soft maples	7.5	0.0	3.1	2.8	1.1	0.5	0.0	0.0	0.0
Beech	31.3	0.0	2.5	3.7	4.1	7.5	3.7	6.8	2.9
Sweetgum	213.9	0.0	43.8	45.6	46.7	31.0	18.3	28.0	0.5
Tupelos-blackgums	39.8	0.0	10.1	9.6	9.9	4.8	1.9	3.0	0.5
Ashes	41.4	0.0	5.1	8.3	8.0	8.0	4.0	8.0	0.0
Cottonwood-aspen	36.6	0.0	0.7	0.4	1.7	1.8	2.8	12.6	16.7
Basswood	5.5	0.0	0.3	0.9	1.3	0.0	1.0	2.0	0.0
Yellow-poplar	93.5	0.0	6.4	10.3	15.3	17.9	11.1	28.2	4.3
Black walnut	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Other hardwoods	154.4	0.0	30.6	30.8	23.8	26.6	15.2	25.5	1.9
Total hardwoods	1,350.4	0.0	189.5	216.2	223.6	209.1	140.0	288.3	83.8
All species	2,651.8	119.5	354.6	427.5	450.4	390.3	296.6	517.1	95.7

*Numbers in columns and rows may not add to totals due to rounding.

Table 14.—Volume of sawtimber on timberland by species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)								
	All classes	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Million board feet -----									
Longleaf-slash pines	74.8	0.0	17.9	20.1	2.6	24.2	6.8	3.2	0.0
Shortleaf-loblolly pines	7,966.3	621.5	927.3	1,216.3	1,427.0	1,108.1	1,005.9	1,573.7	86.5
Other yellow pines	145.8	9.7	12.7	24.9	23.3	17.1	22.4	35.6	0.0
Cypress	458.8	16.5	42.0	111.9	92.4	100.8	57.6	37.7	0.0
Other softwoods	36.0	2.1	8.6	17.5	1.5	2.7	3.2	0.4	0.0
Total softwoods	8,681.8	649.7	1,008.5	1,390.7	1,546.8	1,252.9	1,096.0	1,650.7	86.5
Select white oaks	801.2	0.0	115.8	173.3	122.4	125.1	78.5	176.7	9.5
Select red oaks	1,074.9	0.0	51.5	66.4	119.1	188.1	140.9	400.4	108.6
Other white oaks	162.7	0.0	33.0	25.4	31.1	14.5	12.1	35.1	11.4
Other red oaks	1,905.8	0.0	202.0	282.5	306.6	293.0	240.8	417.1	163.8
Hickories	521.9	0.0	76.6	65.9	101.4	84.8	51.5	100.8	40.9
Hard maples	11.1	0.0	1.1	6.7	0.0	0.0	3.3	0.0	0.0
Soft maples	43.8	0.0	17.9	16.1	6.7	3.1	0.0	0.0	0.0
Beech	194.5	0.0	14.3	22.2	26.2	48.0	23.7	45.2	14.9
Sweetgum	1,291.2	0.0	246.0	267.7	286.7	193.7	113.3	180.7	3.1
Tupelos-blackgums	224.9	0.0	53.8	54.4	57.2	28.1	11.2	18.1	2.2
Ashes	246.1	0.0	27.1	47.1	48.1	49.2	25.0	49.7	0.0
Cottonwood-aspen	238.1	0.0	3.5	2.0	10.5	12.5	17.3	83.1	109.2
Basswood	36.5	0.0	1.7	5.9	7.8	0.0	7.3	13.8	0.0
Yellow-poplar	586.9	0.0	35.9	62.9	96.9	112.7	69.2	181.6	27.7
Black walnut	3.6	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
Other hardwoods	932.5	0.0	175.2	182.8	144.7	165.3	95.0	159.6	10.0
Total hardwoods	8,275.8	0.0	1,059.2	1,281.2	1,365.2	1,318.0	889.0	1,861.8	501.3
All species	16,957.6	649.7	2,067.7	2,671.9	2,912.0	2,570.9	1,985.0	3,512.5	587.8

*Numbers in columns and rows may not add to totals due to rounding.

Table 15.—Volume of growing stock and sawtimber on timberland by county and species group, southwest Mississippi counties, 1994*

County	Growing stock						Sawtimber					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Pine			Soft [†]	Hard [‡]		Pine			Soft [†]	Hard [‡]
		Planted	Natural	Other				Planted	Natural	Other		
----- Million cubic feet -----												
Adams	328.5	0.0	44.6	0.3	173.0	110.5	----- Million board feet -----					
Amite	515.1	13.6	295.4	0.0	60.3	145.8	2,318.5	12.8	1,576.5	0.0	146.1	583.1
Claiborne	408.6	1.5	48.2	2.5	179.9	176.5	1,785.5	0.0	297.4	5.2	691.1	791.9
Copiah	476.6	71.3	159.1	6.2	81.5	158.5	1,873.1	246.5	810.7	27.7	222.6	565.6
Franklin	535.0	5.3	358.6	0.0	64.5	106.6	2,740.7	23.9	2,140.2	0.0	194.6	381.9
Hinds	304.8	17.1	64.1	2.2	78.5	142.8	1,242.4	64.5	336.6	11.0	262.2	568.1
Jefferson	336.2	15.3	49.2	71.3	84.4	116.0	1,457.6	81.2	265.4	403.0	282.8	425.2
Lincoln	313.6	19.5	158.0	0.0	65.5	70.6	1,088.9	16.5	630.6	0.0	202.7	239.1
Madison	269.3	4.5	84.4	9.2	69.2	101.9	915.4	2.3	355.3	25.7	198.4	333.6
Pike	162.7	7.8	64.5	0.4	50.7	39.3	607.7	1.9	297.0	1.6	168.0	139.2
Wilkinson	363.4	23.4	127.4	3.9	93.9	114.8	1,557.6	71.2	695.3	19.1	289.0	483.1
All counties	4,013.7	179.4	1,453.7	96.0	1,001.5	1,283.2	16,957.6	520.8	7,666.2	494.8	3,310.9	4,964.9

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.

[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 16.—Volume of timber on timberland by class of timber and species group, southwest Mississippi counties, 1994*

Class of timber	Softwood				Hardwood	
	All species	Pine			Soft [†]	Hard [‡]
		Planted	Natural	Other		
----- Million cubic feet -----						
Sawtimber trees						
Sawlog portion	2,651.8	84.3	1,135.9	81.2	544.0	806.4
Upper stem portion	495.3	15.2	159.0	8.9	124.5	187.7
Total	3,147.1	99.5	1,295.0	90.0	668.6	994.1
Poletimber trees	866.6	79.9	158.7	6.0	332.9	289.1
All growing-stock trees	4,013.7	179.4	1,453.7	96.0	1,001.5	1,283.2
Rough trees						
Sawtimber size	131.7	1.6	5.4	2.1	41.9	80.6
Poletimber size	190.2	5.4	7.9	1.1	67.4	108.4
Total	321.9	7.0	13.3	3.2	109.3	189.1
Rotten trees						
Sawtimber size	40.4	0.0	0.3	2.5	12.7	24.9
Poletimber size	5.3	0.0	0.0	0.0	2.4	2.9
Total	45.7	0.0	0.3	2.5	15.1	27.8
Salvable dead trees						
Sawtimber size	16.7	0.0	9.6	0.4	3.9	2.8
Poletimber size	7.3	0.0	4.8	0.4	0.8	1.3
Total	24.0	0.0	14.4	0.8	4.7	4.0
All classes	4,405.3	186.4	1,481.7	102.6	1,130.6	1,504.0

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 17.—Volume of live trees and growing stock on timberland by ownership class and species group, southwest Mississippi counties, 1994*

Ownership class	Live trees						Growing stock					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft [†]	Hard [‡]		Planted	Natural	Other	Soft [†]	Hard [‡]
----- Million cubic feet -----												
National forest	516.1	11.1	326.8	0.0	58.1	120.0	489.1	11.1	325.6	0.0	51.0	101.3
Other public	341.6	15.6	116.8	3.5	99.3	106.5	323.2	15.6	115.8	3.5	90.3	98.0
Forest industry	531.2	64.6	162.3	74.8	110.6	118.9	495.8	63.5	160.0	72.7	99.1	100.5
Forest industry-leased	19.9	0.0	0.0	1.9	4.1	14.0	19.2	0.0	0.0	1.9	4.1	13.3
Other private	2,972.5	95.1	861.4	21.6	853.8	1,140.7	2,686.4	89.2	852.3	18.0	757.0	970.0
All ownerships	4,381.3	186.4	1,467.3	101.7	1,125.9	1,500.0	4,013.7	179.4	1,453.7	96.0	1,001.5	1,283.2

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 18.—Average net annual growth of growing stock and sawtimber on timberland by county and species group, southwest Mississippi counties, 1987–1994*

County	Growing stock						Sawtimber					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft [†]	Hard [‡]		Planted	Natural	Other	Soft [†]	Hard [‡]
----- Million cubic feet -----						----- Million board feet -----						
Adams	11.4	0.0	1.1	-0.1	6.0	4.4	57.9	0.0	6.9	-0.4	31.7	19.7
Amite	25.9	0.0	15.8	0.0	4.0	6.0	129.4	0.0	93.4	0.0	10.1	25.8
Claiborne	13.1	1.3	1.7	0.1	4.7	5.3	70.0	8.8	10.1	0.0	21.0	30.1
Copiah	25.3	5.4	9.2	0.3	3.3	7.1	102.0	15.7	53.5	1.1	6.1	25.6
Franklin	18.6	0.0	12.5	0.0	2.8	3.3	111.8	0.0	88.9	0.0	9.7	13.1
Hinds	15.2	1.4	4.6	-0.1	2.2	7.2	77.0	6.3	32.8	-0.4	9.8	28.5
Jefferson	9.2	1.1	1.7	0.0	2.6	3.8	39.8	3.9	10.6	0.4	10.3	14.6
Lincoln	23.5	3.1	14.0	0.0	3.1	3.3	83.8	5.4	57.5	0.0	8.6	12.3
Madison	17.4	0.8	7.6	0.3	4.2	4.5	68.0	-0.2	37.2	-0.1	12.6	18.6
Pike	10.3	0.0	7.7	0.1	1.8	0.7	42.6	0.0	37.5	0.3	4.7	0.1
Wilkinson	18.0	2.6	8.8	-0.3	3.1	3.7	89.5	7.1	44.0	-0.9	12.7	26.5
All counties	188.1	15.8	84.8	0.4	37.8	49.3	871.8	46.9	472.4	0.0	137.4	215.0

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.

[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 19.—Average annual removals of growing stock and sawtimber on timberland by county and species group, southwest Mississippi counties, 1987–1994*

County	Growing stock						Sawtimber					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft [†]	Hard [‡]		Planted	Natural	Other	Soft [†]	Hard [‡]
----- Million cubic feet -----						----- Million board feet -----						
Adams	4.5	0.0	0.7	0.0	2.3	1.5	23.5	0.0	4.4	0.0	11.0	8.1
Amite	35.4	0.0	27.4	0.0	3.0	5.0	163.5	0.0	139.2	0.0	5.7	18.5
Claiborne	8.7	1.1	0.5	0.0	2.2	4.8	49.8	7.1	3.1	0.0	12.6	27.1
Copiah	25.7	1.9	11.8	0.0	5.4	6.7	115.0	5.4	63.5	0.0	16.0	30.1
Franklin	37.6	0.0	26.7	0.0	3.7	7.2	192.1	0.0	156.8	0.0	7.0	28.3
Hinds	15.8	0.0	7.3	0.0	2.1	6.4	76.2	0.0	41.8	0.0	6.2	28.3
Jefferson	14.9	0.9	6.4	0.0	3.6	4.0	59.2	2.1	34.6	0.0	8.5	14.0
Lincoln	20.4	0.2	14.5	0.0	2.3	3.4	83.3	0.6	67.5	0.0	3.9	11.3
Madison	12.2	0.0	6.4	0.1	1.9	3.9	56.7	0.0	29.6	0.5	7.1	19.6
Pike	15.4	0.0	13.4	0.0	0.4	1.6	69.0	0.0	63.7	0.0	0.0	5.3
Wilkinson	21.5	0.4	12.0	0.2	4.7	4.3	108.2	0.5	64.8	0.9	21.5	20.5
All counties	212.2	4.5	127.1	0.3	31.6	48.7	996.6	15.7	669.0	1.4	99.5	211.1

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.

[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 20.—Average net annual growth and average annual removals of growing stock on timberland by species, southwest Mississippi counties, 1987–1994*

Species	Growth	Removals
	----- Million cubic feet -----	
Yellow pines	100.6	131.6
Other softwoods	0.4	0.3
Total softwoods	101.0	131.9
Select white–red oaks	21.5	17.2
Other white–red oaks	22.0	24.6
Hickories	3.0	3.6
Sweetgum	18.4	17.0
Ashes–walnut–black cherry	4.3	2.1
Yellow–poplar	5.6	3.3
Other hardwoods	12.5	12.5
Total hardwoods	87.1	80.3
All species	188.1	212.2

*Numbers in columns may not add to totals due to rounding.

Table 21.—Average net annual growth and average annual removals of sawtimber on timberland by species, southwest Mississippi counties, 1987–1994*

Species	Growth	Removals
	----- Million board feet -----	
Yellow pines	519.4	684.7
Other softwoods	0.0	1.4
Total softwoods	519.4	686.1
Select white–red oaks	98.5	83.5
Other white–red oaks	92.4	100.5
Hickories	12.4	14.7
Hard maples	0.0	0.0
Sweetgum	58.1	46.9
Ashes–walnut–black cherry	14.3	6.1
Yellow–poplar	27.4	15.0
Other hardwoods	49.2	43.7
Total hardwoods	352.4	310.6
All species	871.8	996.6

*Numbers in columns may not add to totals due to rounding.

Table 22.—Average annual mortality of growing stock and sawtimber on timberland by species, southwest Mississippi counties, 1987-1994*

Species	Growing stock	Sawtimber
	Million cubic feet	Million board feet
Yellow pines	17.2	77.5
Other softwoods	0.3	1.5
Total softwoods	17.5	79.0
Select white-red oaks	1.8	6.5
Other white-red oaks	4.9	15.7
Hickories	1.3	4.3
Sweetgum	3.0	8.1
Ashes-walnut-black cherry	0.4	0.5
Yellow-poplar	0.5	2.3
Other hardwoods	5.3	15.7
Total hardwoods	17.2	53.1
All species	34.7	132.0

*Numbers in columns may not add to totals due to rounding.

Table 23.—Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, southwest Mississippi counties, 1987-1994*

Ownership class	Growth						Removals					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft [†]	Hard [‡]		Planted	Natural	Other	Soft [†]	Hard [‡]
----- Million cubic feet -----												
National forest	11.8	0.2	8.1	0.0	1.6	1.9	10.1	0.0	8.6	0.0	0.8	0.7
Other public	10.4	0.1	4.8	-0.1	2.3	3.2	8.0	0.0	5.2	0.0	0.8	2.0
Forest industry	28.4	6.7	13.5	0.1	4.0	4.1	46.6	2.4	26.2	0.2	5.9	11.9
Forest industry-leased	0.8	0.0	0.0	0.0	0.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Other private	136.7	8.8	58.3	0.3	29.8	39.5	147.6	2.1	87.1	0.1	24.2	34.1
All ownerships	188.1	15.8	84.8	0.4	37.8	49.3	212.2	4.5	127.1	0.3	31.6	48.7

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.

[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 24.—Average net annual growth and average annual removals of sawtimber on timberland by ownership class and species group, southwest Mississippi counties, 1987–1994*

Ownership class	Growth						Removals					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft [†]	Hard [‡]	All species	Pine		Other	Soft [†]	Hard [‡]
		Planted	Natural					Planted	Natural			
----- Million board feet -----												
National forest	73.2	0.0	56.5	0.0	6.3	10.4	54.3	0.0	51.1	0.0	1.3	2.0
Other public	65.7	1.1	33.0	-0.4	12.9	19.1	31.9	0.0	22.7	0.0	2.5	6.7
Forest industry	110.8	14.7	68.0	0.5	13.3	14.3	210.1	5.6	136.0	1.1	19.4	47.9
Forest industry-leased	4.2	0.0	0.0	0.0	1.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
Other private	617.8	31.1	315.0	0.0	103.7	168.0	700.3	10.1	459.2	0.3	76.3	154.5
All ownerships	871.8	46.9	472.4	0.0	137.4	215.0	996.6	15.7	669.0	1.4	99.5	211.1

*Numbers in columns and rows may not add to totals due to rounding.

[†]Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwoods, red maple, basswoods, aspens, and willows.

[‡]Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

Table 25.—Volume of sawtimber on timberland by species and tree grade, southwest Mississippi counties, 1994*

Species	All grades	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
----- Million board feet -----						
Yellow pines	8,186.9	2,801.8	1,884.0	3,352.9	0.0	148.2
Cypress	458.8	245.8	130.4	78.9	0.0	3.8
Redcedars	36.0	33.2	0.0	0.0	0.0	2.8
Total softwoods	8,681.8	3,080.8	2,014.4	3,431.8	0.0	154.8
Select white-red oaks	1,876.1	641.5	507.4	495.4	156.7	75.2
Other white-red oaks	2,068.6	229.6	349.2	746.6	543.0	200.2
Hickories	521.9	107.1	124.0	219.9	42.9	27.9
Hard maples	11.1	0.0	3.3	4.0	3.8	0.0
Sweetgum	1,291.2	260.1	358.3	506.3	91.8	74.7
Tupelos and blackgums	224.9	37.6	81.7	86.2	6.7	12.8
Ashes-walnut-black cherry	347.7	109.8	89.3	116.1	13.0	19.5
Yellow-poplar	586.9	133.0	178.5	161.8	85.3	28.3
Other hardwoods	1,347.4	349.5	283.7	416.9	199.8	97.4
Total hardwoods	8,275.8	1,868.3	1,975.3	2,753.2	1,143.0	536.0
All species	16,957.6	4,949.0	3,989.7	6,185.0	1,143.0	690.8

*Numbers in columns and rows may not add to totals due to rounding.

Supplemental Tables 26 through 44

Table 26.—Area of timberland by stand age, forest type group, and stand origin, southwest Mississippi counties, 1994*

Stand age class	Pine		Oak-pine		Other hardwood types	
	Planted	Natural	Planted	Natural	Planted	Natural
<i>Years</i>	<i>Thousand acres</i>					
1-10	221.8	56.0	48.1	33.2	10.9	58.8
11-20	64.2	23.4	6.1	5.4	11.3	5.4
21-30	11.3	11.1	0.0	5.0	0.0	0.0
31-40	6.2	5.9	0.0	0.0	0.0	5.2
41-50	5.0	5.2	0.0	0.0	0.0	0.0
>50	0.0	0.0	0.0	0.0	0.0	0.0
Mixed	17.7	431.0	33.2	397.8	29.6	1,527.3
Total	326.3	532.6	87.4	441.5	51.8	1,596.7

*Numbers in columns may not add to totals due to rounding.

Table 27.—Volume of softwood growing stock on timberland by county and forest type group, southwest Mississippi counties, 1994*

County	Forest type group					
	Total	Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress
		Planted	Natural			
	<i>Million cubic feet</i>					
Adams	45.0	0.0	0.0	36.0	9.0	0.0
Amite	309.0	11.2	196.7	69.5	27.6	4.0
Claiborne	52.3	1.5	18.4	14.9	17.1	0.4
Copiah	236.6	67.2	81.5	52.0	21.5	14.4
Franklin	363.9	5.3	255.2	87.6	14.6	1.1
Hinds	83.4	16.3	11.9	31.8	22.3	1.3
Jefferson	135.8	11.9	21.4	15.0	15.2	72.3
Lincoln	177.4	18.8	90.7	51.9	10.0	6.1
Madison	98.1	4.5	57.4	27.9	2.0	6.4
Pike	72.7	8.2	13.8	37.0	9.1	4.8
Wilkinson	154.8	17.5	53.6	68.9	9.6	5.2
All counties	1,729.1	162.4	800.5	492.4	157.9	115.9

*Numbers in columns and rows may not add to totals due to rounding.

Table 28.—Volume of hardwood growing stock on timberland by county and forest type group, southwest Mississippi counties, 1994*

County	Total	Forest type group					
		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
		Planted	Natural				
<i>Million cubic feet</i>							
Adams	283.5	0.0	0.0	34.6	143.3	45.3	60.3
Amite	206.1	0.0	40.7	35.6	83.6	46.3	0.0
Claiborne	356.4	0.5	1.4	7.0	220.1	127.0	0.4
Copiah	240.0	2.7	11.2	38.6	85.7	101.7	0.0
Franklin	171.1	0.6	47.8	57.4	47.1	18.3	0.0
Hinds	221.3	0.7	1.1	24.0	124.9	70.7	0.0
Jefferson	200.4	2.4	0.7	12.6	93.0	76.9	14.7
Lincoln	136.1	0.4	8.9	32.7	49.0	45.3	0.0
Madison	171.1	0.5	6.7	13.4	43.5	107.1	0.0
Pike	90.0	0.5	1.9	32.2	31.8	23.6	0.0
Wilkinson	208.6	3.9	10.9	26.1	109.2	58.5	0.0
All counties	2,284.7	12.1	131.2	314.2	1,031.0	720.8	75.4

*Numbers in columns and rows may not add to totals due to rounding.

Table 29.—Volume of softwood growing stock in the sawlog portion of sawtimber trees on timberland by county and forest type group, southwest Mississippi counties, 1994*

County	Total	Forest type group				
		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress
		Planted	Natural			
<i>Million cubic feet</i>						
Adams	37.9	0.0	0.0	30.3	7.6	0.0
Amite	239.8	0.0	158.5	57.1	20.6	3.5
Claiborne	43.0	0.0	16.8	11.4	14.4	0.4
Copiah	170.9	37.6	64.0	41.6	15.4	12.3
Franklin	308.9	3.2	216.7	75.2	12.8	1.0
Hinds	63.8	10.0	7.7	26.6	18.4	1.1
Jefferson	116.8	10.5	16.8	11.4	12.8	65.3
Lincoln	104.0	2.7	50.6	40.5	5.1	5.1
Madison	58.4	0.4	33.5	19.7	0.8	4.1
Pike	44.5	0.7	4.1	29.8	5.9	4.0
Wilkinson	113.5	7.9	33.7	60.4	7.2	4.3
All counties	1,301.4	73.0	602.4	404.0	120.9	101.0

*Numbers in columns and rows may not add to totals due to rounding.

Table 30.—Volume of hardwood growing stock in the sawlog portion of sawtimber trees on timberland by county and forest type group, southwest Mississippi counties, 1994*

County	Total	Forest type group					
		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
		Planted	Natural				
<i>Million cubic feet</i>							
Adams	178.4	0.0	0.0	21.1	85.8	30.0	41.5
Amite	118.3	0.0	23.9	19.1	45.0	30.4	0.0
Claiborne	236.3	0.0	0.4	4.3	149.4	82.2	0.0
Copiah	133.4	0.7	4.1	15.1	50.4	63.1	0.0
Franklin	92.9	0.5	20.3	31.8	25.4	14.8	0.0
Hinds	136.7	0.6	0.8	11.7	70.2	53.3	0.0
Jefferson	116.7	1.2	0.3	5.1	52.3	46.1	11.7
Lincoln	75.0	0.0	2.7	13.6	28.1	30.7	0.0
Madison	87.9	0.0	1.5	5.9	16.8	63.8	0.0
Pike	50.7	0.0	0.3	19.7	16.4	14.3	0.0
Wilkinson	124.2	2.4	2.3	12.3	72.3	34.8	0.0
All counties	1,350.4	5.5	56.5	159.5	612.2	463.5	53.1

*Numbers in columns and rows may not add to totals due to rounding.

Table 31.—Volume of timber on timberland by county, class of timber, and species group, southwest Mississippi counties, 1994*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
		<i>Million cubic feet</i>					
Adams	359.6	45.0	283.5	0.6	28.8	0.0	1.7
Amite	545.5	309.0	206.1	2.4	19.9	0.0	8.1
Claiborne	449.0	52.3	356.4	0.3	37.0	0.0	3.0
Copiah	514.6	236.6	240.0	5.1	29.6	0.0	3.3
Franklin	569.7	363.9	171.1	1.9	27.6	0.3	4.9
Hinds	337.3	83.4	221.3	4.2	26.9	0.0	1.4
Jefferson	366.0	135.8	200.4	0.6	26.7	0.0	2.5
Lincoln	335.0	177.4	136.1	2.3	17.1	0.0	2.0
Madison	300.7	98.1	171.1	1.4	28.3	0.0	1.7
Pike	184.9	72.7	90.0	1.2	20.4	0.0	0.6
Wilkinson	419.1	154.8	208.6	3.6	36.1	2.5	13.5
All counties	4,381.3	1,729.1	2,284.7	23.5	298.4	2.8	42.9

*Numbers in columns and rows may not add to totals due to rounding.

Table 32.—Number of live trees on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	All classes	Diameter class (Inches at breast height)											
		1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
----- Thousand trees -----													
Longleaf pine	282	0	0	0	75	0	97	35	15	35	18	8	0
Slash pine	253	0	0	0	145	0	36	45	0	27	0	0	0
Shortleaf pine	38,528	11,430	12,629	3,756	3,453	2,620	1,942	1,192	904	262	231	105	4
Loblolly pine	379,345	180,981	97,331	48,869	21,185	9,473	6,318	4,936	3,847	2,555	1,775	2,012	62
Virginia pine	477	477	0	0	0	0	0	0	0	0	0	0	0
Spruce pine	2,068	0	1,076	230	160	201	56	111	84	36	51	64	0
Redcedars	7,091	3,049	1,645	1,232	536	128	224	220	16	12	22	6	0
Cypress	4,773	2,227	0	148	235	448	403	531	330	249	123	67	13
Total softwoods	432,816	198,163	112,681	54,234	25,790	12,870	9,075	7,069	5,197	3,176	2,220	2,262	79
Select white oaks	34,899	13,672	6,944	4,249	3,044	2,172	1,527	1,370	675	511	272	429	36
Select red oaks	29,989	15,118	3,424	3,487	1,957	1,756	822	609	662	756	457	793	149
Other white oaks	14,269	5,200	3,027	2,114	1,476	892	540	348	334	129	80	97	31
Other red oaks	129,635	77,020	19,317	8,774	7,160	5,122	3,718	2,664	2,050	1,427	830	1,245	306
Sweet pecan	2,819	1,092	0	735	422	121	92	95	61	60	9	95	37
Water hickory	4,734	2,316	1,148	704	143	138	95	66	19	41	22	23	20
Other hickories	47,441	30,846	8,212	3,029	1,820	1,046	865	458	532	297	150	182	4
Persimmon	23,334	21,390	999	598	200	75	56	0	16	0	0	0	0
Hard maples	2,408	1,645	477	0	155	0	29	67	16	0	20	0	0
Soft maples	59,106	46,763	7,912	2,622	1,013	405	175	112	62	25	0	16	0
Boxelder	19,361	12,212	3,603	1,256	1,405	420	226	145	69	15	9	0	0
Beech	13,409	9,779	479	710	681	304	298	264	204	238	149	248	54
Sweetgum	305,774	189,338	63,981	22,746	13,326	7,302	3,883	2,152	1,468	777	386	397	17
Blackgum	58,277	45,296	8,183	1,677	1,297	482	568	344	222	112	34	56	5
Other gums/tupelos	9,512	6,736	479	945	553	111	334	130	128	57	32	7	0
White ash	7,904	5,398	568	872	459	114	90	162	93	66	43	40	0
Other ashes	23,655	15,836	2,076	2,108	1,440	747	552	317	246	170	63	100	0
Sycamore	6,608	1,918	922	722	1,433	473	384	181	181	174	88	123	8
Cottonwoods	519	0	0	105	0	0	51	23	51	36	53	127	73
Basswoods	2,748	1,188	1,188	0	168	0	32	40	64	0	24	44	0
Yellow-poplar	21,976	15,661	1,401	1,342	723	387	597	419	453	408	202	340	42
Magnolias	11,463	4,780	5,385	204	338	140	222	100	74	119	50	48	4
Sweetbay	8,449	7,062	574	299	237	84	29	85	19	27	32	0	0
Willow	10,889	7,086	2,202	624	545	43	101	118	44	37	9	76	4
Black walnut	743	0	557	0	0	138	29	0	19	0	0	0	0
Black cherry	39,616	29,090	6,077	1,996	1,097	409	453	235	106	95	19	39	0
American elm	16,615	9,941	3,185	1,537	811	298	366	231	93	109	18	22	5
Other elms	88,055	67,338	12,088	4,844	1,907	794	297	352	243	67	72	53	0
River birch	1,794	1,136	568	0	69	0	0	22	0	0	0	0	0
Hackberries	21,488	9,816	3,695	2,454	1,896	1,677	773	561	233	224	94	64	0
Black locust	8,672	6,738	1,165	459	117	113	26	22	31	0	0	0	0
Other locusts	1,227	594	0	159	83	128	120	58	30	14	32	9	0
Sassafras	10,248	8,558	922	298	178	165	47	18	29	0	11	16	5
Dogwood	109,406	81,617	22,143	4,823	621	134	67	0	0	0	0	0	0
Holly	5,385	3,367	1,095	702	51	99	55	0	16	0	0	0	0
Other commercial	8,812	6,587	494	832	371	354	122	37	16	0	0	0	0
Total hardwoods	1,161,237	762,136	194,492	78,028	47,197	26,643	17,638	11,803	8,558	5,989	3,262	4,691	800
Noncommercial	210,512	145,751	42,480	14,728	5,223	1,843	353	80	47	0	0	7	0
All species	1,804,565	1,106,051	349,653	146,989	78,210	41,355	27,066	18,953	13,801	9,166	5,482	6,960	879

*Numbers in columns and rows may not add to totals due to rounding.

Table 33.—Number of growing-stock trees on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)										
	All classes	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	----- Thousand trees -----										
Longleaf pine	282	0	75	0	97	35	15	35	18	8	0
Slash pine	253	0	145	0	36	45	0	27	0	0	0
Shortleaf pine	14,015	3,459	3,297	2,620	1,942	1,192	904	262	231	105	4
Loblolly pine	95,688	45,079	20,330	9,013	6,205	4,871	3,832	2,555	1,756	1,985	62
Spruce pine	853	90	160	201	56	111	84	36	51	64	0
Redcedars	1,771	969	390	75	138	154	16	12	11	6	0
Cypress	2,450	148	235	365	403	531	330	249	123	67	0
Total softwoods	115,313	49,744	24,632	12,274	8,877	6,938	5,181	3,176	2,189	2,235	66
Select white oaks	12,784	3,632	2,829	1,965	1,363	1,259	601	477	252	390	14
Select red oaks	10,029	2,813	1,716	1,594	698	518	631	743	439	747	129
Other white oaks	5,217	2,002	1,335	676	486	251	258	85	41	64	18
Other red oaks	28,276	7,348	6,143	4,361	3,039	2,341	1,833	1,242	746	1,005	219
Sweet pecan	1,172	397	311	121	70	54	61	49	9	72	29
Water hickory	1,008	457	143	138	95	66	19	41	11	23	14
Other hickories	6,913	2,342	1,391	917	807	423	482	273	130	144	4
Persimmon	847	500	200	75	56	0	16	0	0	0	0
Hard maples	172	0	92	0	29	41	0	0	10	0	0
Soft maples	2,781	1,652	611	331	120	54	0	13	0	0	0
Boxelder	2,249	868	835	230	144	108	49	15	0	0	0
Beech	2,208	460	549	222	202	191	149	201	97	108	29
Sweetgum	43,020	17,326	11,356	6,331	3,236	1,985	1,359	726	347	349	4
Blackgum	4,011	1,345	1,055	377	522	344	207	90	25	42	5
Other gums/tupelos	1,773	640	376	111	300	130	128	57	32	0	0
White ash	1,871	872	408	114	90	162	93	66	31	35	0
Other ashes	4,411	1,603	913	659	429	277	212	155	63	100	0
Sycamore	3,072	503	1,207	339	353	181	149	138	78	123	0
Cottonwoods	414	0	0	0	51	23	51	36	53	127	73
Basswoods	289	0	113	0	32	40	48	0	24	33	0
Yellow-poplar	4,539	1,209	662	354	542	410	418	374	202	335	33
Magnolias	1,011	204	231	107	167	60	56	84	50	48	4
Sweetbay	442	0	237	84	0	63	19	27	12	0	0
Willow	1,418	624	410	43	101	98	29	25	9	76	4
Black walnut	69	0	0	40	29	0	0	0	0	0	0
Black cherry	3,243	1,322	831	373	374	133	72	81	19	39	0
American elm	2,360	877	580	220	278	231	61	83	9	16	5
Other elms	6,206	3,285	1,470	570	274	291	177	54	51	34	0
River birch	22	0	0	0	0	22	0	0	0	0	0
Hackberries	4,876	1,153	1,070	1,232	507	388	197	210	73	45	0
Black locust	332	224	0	45	26	22	14	0	0	0	0
Other locusts	256	0	83	0	87	20	30	14	22	0	0
Sassafras	328	0	129	90	47	0	29	0	11	16	5
Dogwood	1,957	1,786	171	0	0	0	0	0	0	0	0
Holly	423	317	51	0	55	0	0	0	0	0	0
Other commercial	431	216	130	54	0	16	16	0	0	0	0
Total hardwoods	160,431	55,979	37,637	21,776	14,608	10,199	7,465	5,358	2,848	3,970	590
All species	275,743	105,723	62,270	34,050	23,485	17,137	12,646	8,535	5,037	6,206	656

*Numbers in columns and rows may not add to totals due to rounding.

Table 34.—Volume of live trees on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)										
	All classes	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	----- Million cubic feet -----										
Longleaf pine	7.6	0.0	0.6	0.0	2.2	0.9	0.5	1.7	1.2	0.4	0.0
Slash pine	6.8	0.0	1.3	0.0	1.1	2.2	0.0	2.3	0.0	0.0	0.0
Shortleaf pine	267.6	10.5	27.7	40.8	47.8	44.7	46.7	17.7	18.7	12.2	0.7
Loblolly pine	1,344.0	93.4	116.6	109.3	128.4	162.9	185.0	160.2	141.1	233.8	13.2
Spruce pine	27.6	0.6	1.2	2.4	2.0	4.4	4.1	2.6	3.8	6.4	0.0
Redcedars	15.7	2.5	3.0	1.0	2.8	4.2	0.4	0.5	1.0	0.2	0.0
Cypress	86.1	0.3	1.3	4.8	8.8	19.5	15.8	16.8	9.9	6.8	2.1
Total softwoods	1,755.4	107.2	151.8	158.3	193.2	238.9	252.6	201.8	175.7	259.8	16.0
Select white oaks	222.3	10.8	18.5	24.5	29.2	37.7	25.5	24.6	14.8	33.2	3.6
Select red oaks	254.9	9.1	11.4	19.8	15.4	15.3	24.7	36.3	27.0	72.5	23.4
Other white oaks	61.8	5.3	7.2	7.5	8.5	7.1	8.6	4.0	3.5	7.8	2.5
Other red oaks	556.0	24.1	43.5	54.3	62.6	66.1	68.6	60.2	47.7	89.5	39.5
Sweet pecan	27.1	1.1	2.4	1.4	1.3	2.0	2.3	2.2	1.1	7.0	6.4
Water hickory	13.8	1.9	0.9	1.2	1.5	1.4	0.5	1.8	0.9	1.9	1.8
Other hickories	107.0	6.7	9.7	10.4	15.7	12.2	18.3	12.7	8.1	12.4	0.7
Persimmon	5.2	1.4	1.2	1.0	1.1	0.0	0.6	0.0	0.0	0.0	0.0
Hard maples	4.0	0.0	0.6	0.0	0.3	1.6	0.4	0.0	1.0	0.0	0.0
Soft maples	20.9	6.1	5.2	3.1	2.3	2.3	1.0	0.5	0.0	0.4	0.0
Boxelder	21.3	2.6	7.1	3.5	3.7	2.5	1.4	0.3	0.2	0.0	0.0
Beech	58.5	1.5	3.6	3.0	4.6	5.8	5.6	10.5	6.5	12.8	4.6
Sweetgum	500.6	53.8	81.9	82.3	71.5	58.7	57.4	37.4	22.9	33.9	0.7
Blackgum	54.2	4.7	6.7	5.2	9.7	9.0	8.2	4.2	1.6	4.3	0.6
Other gums/tupelos	25.2	3.0	3.5	1.4	6.5	3.1	4.2	2.1	1.2	0.1	0.0
White ash	24.4	2.2	3.8	1.4	1.5	3.9	3.4	2.9	2.2	3.2	0.0
Other ashes	58.9	5.0	8.3	7.2	8.1	7.2	7.4	6.8	2.8	6.2	0.0
Sycamore	60.5	2.1	10.2	5.2	7.4	4.6	6.3	7.9	5.2	11.4	0.4
Cottonwoods	40.3	0.2	0.0	0.0	1.0	0.5	1.8	2.0	3.1	13.7	17.9
Basswoods	9.1	0.0	1.0	0.0	0.5	1.2	2.2	0.0	1.2	3.1	0.0
Yellow-poplar	126.7	3.7	4.5	4.5	10.2	12.5	18.4	21.7	13.2	32.6	5.4
Magnolias	22.0	0.4	2.3	1.3	2.7	2.1	2.6	4.8	2.7	2.8	0.4
Sweetbay	8.7	0.5	1.7	1.2	0.4	2.0	0.5	1.3	1.1	0.0	0.0
Willow	19.8	1.7	2.4	0.3	2.0	2.6	2.1	1.5	0.6	6.3	0.2
Black walnut	2.1	0.0	0.0	1.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Black cherry	38.6	4.6	6.2	4.7	7.6	5.2	3.0	4.0	0.9	2.4	0.0
American elm	33.2	2.9	4.4	3.5	6.2	6.1	2.7	4.2	0.8	1.5	0.8
Other elms	59.4	10.9	10.4	7.8	5.4	8.7	6.8	3.1	3.5	2.9	0.0
River birch	0.9	0.0	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Hackberries	77.6	5.4	9.2	16.1	11.6	11.5	6.5	8.4	5.0	3.9	0.0
Black locust	3.9	1.2	0.4	0.8	0.4	0.4	0.7	0.0	0.0	0.0	0.0
Other locusts	7.2	0.3	0.5	0.7	2.0	1.0	0.8	0.6	1.1	0.3	0.0
Sassafras	7.0	0.6	1.0	1.3	0.7	0.2	1.0	0.0	0.6	1.0	0.6
Dogwood	10.8	8.1	1.9	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Holly	3.7	1.4	0.2	0.8	0.9	0.0	0.3	0.0	0.0	0.0	0.0
Other commercial	6.6	1.4	1.6	1.4	0.9	0.8	0.5	0.0	0.0	0.0	0.0
Total hardwoods	2,554.1	184.7	273.6	278.9	303.9	295.7	294.3	266.1	180.5	366.9	109.5
Noncommercial	71.8	30.3	23.3	12.4	3.6	1.4	0.6	0.0	0.0	0.2	0.0
All species	4,381.3	322.2	448.6	449.6	500.8	536.0	547.5	468.0	356.2	626.9	125.5

*Numbers in columns and rows may not add to totals due to rounding.

Table 35.—Volume of growing stock on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)										
	All classes	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
	<i>Million cubic feet</i>										
Longleaf pine	7.6	0.0	0.6	0.0	2.2	0.9	0.5	1.7	1.2	0.4	0.0
Slash pine	6.8	0.0	1.3	0.0	1.1	2.2	0.0	2.3	0.0	0.0	0.0
Shortleaf pine	265.1	9.5	26.2	40.8	47.8	44.7	46.7	17.7	18.7	12.2	0.7
Loblolly pine	1,326.3	86.8	112.8	107.0	127.1	162.1	184.7	160.2	140.3	232.1	13.2
Spruce pine	27.1	0.2	1.2	2.4	2.0	4.4	4.1	2.6	3.8	6.4	0.0
Redcedars	12.4	2.1	2.4	0.7	2.0	3.5	0.4	0.5	0.6	0.2	0.0
Cypress	83.6	0.3	1.3	4.5	8.8	19.5	15.8	16.8	9.9	6.8	0.0
Total softwoods	1,729.1	98.8	145.8	155.5	191.1	237.3	252.3	201.8	174.5	258.1	13.9
Select white oaks	207.5	9.5	17.7	22.5	27.1	35.5	23.6	23.4	14.3	31.7	2.1
Select red oaks	242.7	7.9	10.7	18.8	13.9	14.1	23.7	36.0	26.3	70.2	21.2
Other white oaks	51.5	5.0	6.6	6.3	7.7	5.7	6.8	2.8	2.2	6.3	2.1
Other red oaks	501.3	21.9	39.0	48.2	54.6	60.8	64.1	55.2	45.7	79.1	32.7
Sweet pecan	23.1	0.7	2.1	1.4	0.9	1.3	2.3	1.8	1.1	6.2	5.3
Water hickory	13.1	1.5	0.9	1.2	1.5	1.4	0.5	1.8	0.8	1.9	1.6
Other hickories	98.6	6.0	8.0	9.5	14.9	11.5	17.2	12.3	7.5	10.9	0.7
Persimmon	4.9	1.1	1.2	1.0	1.1	0.0	0.6	0.0	0.0	0.0	0.0
Hard maples	2.7	0.0	0.4	0.0	0.3	1.3	0.0	0.0	0.7	0.0	0.0
Soft maples	14.4	4.8	3.6	2.8	1.6	1.4	0.0	0.4	0.0	0.0	0.0
Boxelder	15.4	2.1	4.8	2.1	2.7	2.2	1.1	0.3	0.0	0.0	0.0
Beech	44.5	1.1	3.2	2.4	3.4	4.9	4.7	8.9	4.8	7.9	3.4
Sweetgum	454.3	42.4	72.1	74.0	63.3	56.3	55.6	35.7	22.0	32.4	0.6
Blackgum	48.7	4.0	5.7	4.1	9.2	9.0	7.8	3.7	1.2	3.4	0.6
Other gums/tupelos	23.6	2.7	2.7	1.4	6.1	3.1	4.2	2.1	1.2	0.0	0.0
White ash	23.6	2.2	3.5	1.4	1.5	3.9	3.4	2.9	1.9	2.9	0.0
Other ashes	52.4	4.1	6.1	6.7	6.7	6.5	6.7	6.5	2.8	6.2	0.0
Sycamore	54.9	1.5	8.6	4.1	7.0	4.6	6.0	7.0	4.8	11.4	0.0
Cottonwoods	40.0	0.0	0.0	0.0	1.0	0.5	1.8	2.0	3.1	13.7	17.9
Basswoods	7.6	0.0	0.7	0.0	0.5	1.2	1.7	0.0	1.2	2.3	0.0
Yellow-poplar	122.2	3.5	4.2	4.3	9.6	12.3	17.8	20.3	13.2	32.2	4.8
Magnolias	19.1	0.4	1.6	1.0	2.6	1.5	2.2	3.9	2.7	2.8	0.4
Sweetbay	7.1	0.0	1.7	1.2	0.0	1.9	0.5	1.3	0.7	0.0	0.0
Willow	18.4	1.7	2.0	0.3	2.0	2.5	1.6	1.2	0.6	6.3	0.2
Black walnut	1.1	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Black cherry	32.7	3.2	4.8	4.5	6.6	3.9	2.5	3.8	0.9	2.4	0.0
American elm	27.4	2.0	3.3	2.7	5.1	6.1	2.1	3.6	0.7	1.2	0.8
Other elms	48.5	8.1	8.9	5.8	5.1	7.9	5.4	2.7	2.6	2.0	0.0
River birch	0.5	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Hackberries	60.8	3.2	5.9	12.7	8.5	9.2	5.8	8.0	4.5	3.0	0.0
Black locust	2.2	0.7	0.0	0.3	0.4	0.4	0.4	0.0	0.0	0.0	0.0
Other locusts	5.0	0.0	0.5	0.0	1.7	0.5	0.8	0.6	0.9	0.0	0.0
Sassafras	5.8	0.0	0.9	1.0	0.7	0.0	1.0	0.0	0.6	1.0	0.6
Dogwood	4.5	3.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Holly	1.9	0.7	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0
Other commercial	2.5	0.6	0.8	0.3	0.0	0.4	0.5	0.0	0.0	0.0	0.0
Total hardwoods	2,284.7	146.5	233.1	242.4	268.8	272.2	272.5	248.1	168.9	337.3	94.9
All species	4,013.7	245.3	378.9	397.9	459.9	509.5	524.8	449.9	343.4	595.4	108.8

*Numbers in columns and rows may not add to totals due to rounding.

Table 36.—Volume of growing stock in the sawlog portion of sawtimber trees on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)								
	All classes	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Million cubic feet -----									
Longleaf pine	6.0	0.0	1.9	0.8	0.5	1.4	1.0	0.4	0.0
Slash pine	5.2	0.0	1.0	2.1	0.0	2.1	0.0	0.0	0.0
Shortleaf pine	200.8	33.1	42.4	39.7	41.6	15.8	16.7	11.0	0.6
Loblolly pine	986.1	81.0	109.1	144.1	166.0	143.0	125.7	205.9	11.3
Spruce pine	22.1	1.8	1.9	3.9	3.5	2.4	3.3	5.3	0.0
Redcedars	6.8	0.5	1.6	3.1	0.4	0.5	0.6	0.1	0.0
Cypress	74.4	3.2	7.2	17.6	14.8	16.0	9.4	6.1	0.0
Total softwoods	1,301.4	119.5	165.1	211.3	226.8	181.2	156.6	228.8	12.0
Select white oaks	126.5	0.0	20.2	28.4	18.8	19.2	12.0	26.2	1.8
Select red oaks	170.6	0.0	9.4	11.3	19.8	29.5	21.8	60.9	17.9
Other white oaks	26.7	0.0	6.0	4.5	5.1	2.3	1.9	5.1	1.8
Other red oaks	317.0	0.0	36.9	47.9	51.9	47.0	38.2	66.3	28.7
Sweet pecan	15.8	0.0	0.7	1.1	1.8	1.5	0.9	5.1	4.8
Water hickory	7.8	0.0	1.2	1.0	0.3	1.6	0.7	1.6	1.4
Other hickories	59.6	0.0	11.5	8.8	14.0	9.8	5.9	8.9	0.6
Persimmon	1.4	0.0	0.8	0.0	0.5	0.0	0.0	0.0	0.0
Hard maples	1.7	0.0	0.2	1.0	0.0	0.0	0.5	0.0	0.0
Soft maples	2.3	0.0	1.0	0.9	0.0	0.3	0.0	0.0	0.0
Boxelder	5.3	0.0	2.1	1.8	1.1	0.2	0.0	0.0	0.0
Beech	31.3	0.0	2.5	3.7	4.1	7.5	3.7	6.8	2.9
Sweetgum	213.9	0.0	43.8	45.6	46.7	31.0	18.3	28.0	0.5
Blackgum	27.3	0.0	6.1	7.1	6.4	3.1	1.0	3.0	0.5
Other gums/tupelos	12.5	0.0	4.0	2.4	3.4	1.7	1.0	0.0	0.0
White ash	13.4	0.0	1.0	3.2	2.7	2.4	1.6	2.4	0.0
Other ashes	28.0	0.0	4.1	5.1	5.2	5.6	2.4	5.6	0.0
Sycamore	33.6	0.0	5.0	3.7	5.1	6.1	3.6	10.1	0.0
Cottonwoods	36.6	0.0	0.7	0.4	1.7	1.8	2.8	12.6	16.7
Basswoods	5.5	0.0	0.3	0.9	1.3	0.0	1.0	2.0	0.0
Yellow-poplar	93.5	0.0	6.4	10.3	15.3	17.9	11.1	28.2	4.3
Magnolias	13.1	0.0	2.0	1.1	1.9	3.0	2.4	2.3	0.3
Sweetbay	3.4	0.0	0.0	1.4	0.4	1.1	0.5	0.0	0.0
Willow	11.8	0.0	1.5	2.0	1.4	1.0	0.4	5.2	0.2
Black walnut	0.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0
Black cherry	15.8	0.0	4.9	3.1	2.1	3.1	0.7	1.9	0.0
American elm	15.6	0.0	4.0	4.7	1.7	2.8	0.7	1.0	0.8
Other elms	20.0	0.0	3.5	6.3	4.1	2.3	2.1	1.7	0.0
River birch	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
Hackberries	30.0	0.0	6.1	6.9	4.4	6.5	3.6	2.5	0.0
Black locust	1.1	0.0	0.3	0.4	0.4	0.0	0.0	0.0	0.0
Other locusts	3.7	0.0	1.2	0.5	0.7	0.6	0.7	0.0	0.0
Sassafras	3.3	0.0	0.5	0.0	0.8	0.0	0.5	0.9	0.6
Holly	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Other commercial	0.5	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
Total hardwoods	1,350.4	0.0	189.5	216.2	223.6	209.1	140.0	288.3	83.8
All species	2,651.8	119.5	354.6	427.5	450.4	390.3	296.6	517.1	95.7

*Numbers in columns and rows may not add to totals due to rounding.

Table 37.—Volume of live trees on timberland by detailed species and class of timber, southwest Mississippi counties, 1994*

Species	Million cubic feet		
	All	Growing stock	Rotten
Longleaf pine	7.6	7.6	0.0
Slash pine	6.8	6.8	0.0
Shortleaf pine	267.6	265.1	2.5
Loblolly pine	1,344.0	1,326.3	17.5
Spruce pine	27.6	27.1	0.4
Redcedars	15.7	12.4	2.9
Cypress	86.1	83.6	0.3
Total softwoods	1,755.4	1,729.1	23.5
Select white oaks	222.3	207.5	11.5
Select red oaks	254.9	242.7	9.3
Other white oaks	61.8	51.5	9.3
Other red oaks	556.0	501.3	43.7
Sweet pecan	27.1	23.1	3.9
Water hickory	13.8	13.1	0.6
Other hickories	107.0	98.6	7.2
Persimmon	5.2	4.9	0.3
Hard maples	4.0	2.7	1.0
Soft maples	20.9	14.4	5.2
Boxelder	21.3	15.4	5.7
Beech	58.5	44.5	8.9
Sweetgum	500.6	454.3	42.2
Blackgum	54.2	48.7	4.4
Other gums/tupelos	25.2	23.6	1.5
White ash	24.4	23.6	0.2
Other ashes	58.9	52.4	6.5
Sycamore	60.5	54.9	5.3
Cottonwoods	40.3	40.0	0.2
Basswoods	9.1	7.6	1.1
Yellow-poplar	126.7	122.2	1.5
Magnolias	22.0	19.1	2.3
Sweetbay	8.7	7.1	0.9
Willow	19.8	18.4	1.1
Black walnut	2.1	1.1	1.0
Black cherry	38.6	32.7	5.6
American elm	33.2	27.4	5.0
Other elms	59.4	48.5	10.6
River birch	0.9	0.5	0.4
Hackberries	77.6	60.8	15.3
Black locust	3.9	2.2	1.6
Other locusts	7.2	5.0	1.7
Sassafras	7.0	5.8	0.9
Dogwood	10.8	4.5	5.6
Holly	3.7	1.9	1.1
Other commercial	6.6	2.5	4.0
Total hardwoods	2,554.1	2,284.7	226.6
Noncommercial	71.8	0.0	71.8
All species	4,381.3	4,013.7	321.9
			45.7

*Numbers in columns and rows may not add to totals due to rounding.

Table 38.—Volume of sawtimber for tree grade 1 on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)								
	All classes	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Million board feet -----									
Longleaf pine	12.0	0.0	4.6	2.2	2.6	2.6	0.0	0.0	0.0
Shortleaf pine	540.3	44.7	83.9	100.0	157.5	54.8	55.4	39.7	4.3
Loblolly pine	2,229.4	49.7	136.2	314.6	348.5	320.1	363.1	650.2	47.0
Spruce pine	20.1	0.0	0.0	0.0	4.6	0.0	4.4	11.1	0.0
Redcedars	33.2	1.2	8.6	17.5	0.0	2.7	3.2	0.0	0.0
Cypress	245.8	4.8	9.1	36.2	49.6	78.7	41.4	26.0	0.0
Total softwoods	3,080.8	100.4	242.4	470.5	562.7	458.9	467.5	727.0	51.3
Select white oaks	178.3	0.0	0.0	0.0	17.1	39.5	28.6	93.1	0.0
Select red oaks	463.2	0.0	0.0	0.0	14.3	67.9	63.1	243.2	74.7
Other white oaks	32.3	0.0	0.0	0.0	0.0	2.2	3.4	19.2	7.5
Other red oaks	197.4	0.0	0.0	0.0	19.6	25.1	59.7	70.5	22.5
Sweet pecan	37.3	0.0	0.0	0.0	0.0	0.0	6.9	17.2	13.2
Water hickory	13.5	0.0	0.0	0.0	0.0	3.7	4.7	2.8	2.3
Other hickories	56.3	0.0	0.0	0.0	2.7	20.1	7.1	26.3	0.0
Beech	7.8	0.0	0.0	0.0	0.0	0.0	0.0	5.1	2.8
Sweetgum	260.1	0.0	0.0	0.0	42.7	62.5	60.3	94.7	0.0
Blackgum	20.2	0.0	0.0	0.0	11.0	7.0	2.1	0.0	0.0
Other gums/tupelos	17.4	0.0	0.0	0.0	11.1	6.3	0.0	0.0	0.0
White ash	42.4	0.0	0.0	0.0	4.0	13.2	8.8	16.4	0.0
Other ashes	50.8	0.0	0.0	0.0	10.8	17.3	8.9	13.8	0.0
Sycamore	85.9	0.0	0.0	0.0	4.0	32.4	13.3	36.2	0.0
Cottonwoods	141.4	0.0	0.0	0.0	5.1	2.9	17.3	53.4	62.6
Basswoods	7.3	0.0	0.0	0.0	0.0	0.0	7.3	0.0	0.0
Yellow-poplar	133.0	0.0	0.0	0.0	5.8	36.0	9.5	65.2	16.4
Magnolias	3.2	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0
Sweetbay	6.1	0.0	0.0	0.0	0.0	3.0	3.2	0.0	0.0
Willow	20.7	0.0	0.0	0.0	0.0	6.3	2.8	11.6	0.0
Black cherry	16.7	0.0	0.0	0.0	3.3	8.2	0.0	5.2	0.0
American elm	8.9	0.0	0.0	0.0	1.9	2.7	4.3	0.0	0.0
Other elms	25.4	0.0	0.0	0.0	4.8	12.1	5.4	3.1	0.0
Hackberries	29.7	0.0	0.0	0.0	0.0	5.4	16.9	7.4	0.0
Sassafras	13.0	0.0	0.0	0.0	2.8	0.0	3.1	3.3	3.8
Total hardwoods	1,868.3	0.0	0.0	0.0	161.1	373.7	340.1	787.6	205.8
All species	4,949.0	100.4	242.4	470.5	723.8	832.6	807.6	1,514.6	257.1

*Numbers in columns and rows may not add to totals due to rounding.

Table 39.—Volume of sawtimber for tree grade 2 on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)								
	All classes	9.0– 10.9	11.0– 12.9	13.0– 14.9	15.0– 16.9	17.0– 18.9	19.0– 20.9	21.0– 28.9	≥29.0
----- Million board feet -----									
Longleaf pine	12.3	0.0	4.0	2.2	0.0	3.2	2.8	0.0	0.0
Shortleaf pine	423.8	59.2	86.4	91.3	80.2	31.5	39.5	35.6	0.0
Loblolly pine	1,416.6	37.5	82.2	201.4	258.4	283.2	201.8	325.9	26.2
Spruce pine	31.4	2.9	0.0	9.7	0.0	0.0	0.0	18.8	0.0
Cypress	130.4	1.4	19.9	57.9	15.9	18.9	9.8	6.6	0.0
Total softwoods	2,014.4	101.0	192.5	362.5	354.5	336.8	253.9	386.9	26.2
Select white oaks	226.0	0.0	0.0	62.5	60.5	46.0	23.3	33.7	0.0
Select red oaks	281.4	0.0	0.0	26.6	52.9	56.8	45.4	90.7	9.0
Other white oaks	33.0	0.0	0.0	10.0	8.6	2.0	2.1	7.6	2.8
Other red oaks	316.2	0.0	0.0	53.2	63.0	43.2	40.9	89.0	26.9
Sweet pecan	19.9	0.0	0.0	5.1	0.0	3.9	0.0	2.2	8.8
Water hickory	12.5	0.0	0.0	6.0	1.6	0.0	0.0	4.8	0.0
Other hickories	91.7	0.0	0.0	15.7	40.1	7.9	19.1	8.8	0.0
Persimmon	3.4	0.0	0.0	0.0	3.4	0.0	0.0	0.0	0.0
Hard maples	3.3	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0
Boxelder	2.7	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0
Beech	7.9	0.0	0.0	0.0	5.5	0.0	0.0	2.4	0.0
Sweetgum	358.3	0.0	0.0	130.6	141.3	36.5	20.0	29.8	0.0
Blackgum	60.4	0.0	0.0	27.1	22.4	8.3	2.5	0.0	0.0
Other gums/tupelos	21.3	0.0	0.0	13.0	6.2	0.0	2.2	0.0	0.0
White ash	23.5	0.0	0.0	12.6	8.3	2.5	0.0	0.0	0.0
Other ashes	43.3	0.0	0.0	12.0	12.9	12.9	0.0	5.6	0.0
Sycamore	53.7	0.0	0.0	13.8	17.1	0.0	3.3	19.5	0.0
Cottonwoods	71.0	0.0	0.0	2.0	5.4	9.6	0.0	19.1	34.9
Yellow-poplar	178.5	0.0	0.0	36.9	45.9	26.8	20.4	42.0	6.4
Magnolias	5.6	0.0	0.0	0.0	1.9	0.0	0.0	3.7	0.0
Sweetbay	6.4	0.0	0.0	2.4	0.0	4.0	0.0	0.0	0.0
Willow	36.0	0.0	0.0	5.4	10.1	0.0	0.0	20.5	0.0
Black cherry	22.5	0.0	0.0	11.2	4.0	5.7	0.0	1.5	0.0
American elm	26.0	0.0	0.0	18.1	5.8	2.2	0.0	0.0	0.0
Other elms	33.0	0.0	0.0	19.9	9.2	0.0	3.9	0.0	0.0
Hackberries	33.4	0.0	0.0	11.4	4.7	17.4	0.0	0.0	0.0
Other locusts	2.8	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0
Sassafras	1.6	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0
Total hardwoods	1,975.3	0.0	0.0	495.4	535.2	285.7	189.3	381.0	88.8
All species	3,989.7	101.0	192.5	857.9	889.7	622.5	443.1	767.9	115.0

*Numbers in columns and rows may not add to totals due to rounding.

Table 40.—Volume of sawtimber for tree grade 3 on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	Diameter class (Inches at breast height)								
	All classes	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
	-----Million board feet-----								
Longleaf pine	12.5	0.0	2.4	0.0	0.0	2.9	4.0	3.2	0.0
Slash pine	38.0	0.0	6.9	15.7	0.0	15.4	0.0	0.0	0.0
Shortleaf pine	366.1	83.9	99.5	77.4	50.8	26.1	23.7	4.7	0.0
Loblolly pine	2,842.0	336.5	409.6	410.1	505.8	379.6	300.0	493.1	7.3
Spruce pine	94.3	6.8	12.7	15.2	18.7	17.1	18.0	5.8	0.0
Cypress	78.9	10.3	13.0	16.0	26.9	3.2	6.4	3.1	0.0
Total softwoods	3,431.8	437.5	544.1	534.4	602.2	444.3	352.1	509.9	7.3
Select white oaks	277.1	0.0	76.5	85.6	31.2	26.2	21.6	31.2	4.8
Select red oaks	218.3	0.0	32.2	32.6	35.4	38.5	28.0	38.7	12.9
Other white oaks	58.1	0.0	23.9	9.6	7.2	8.9	3.2	4.2	1.2
Other red oaks	688.4	0.0	93.3	111.7	109.0	98.0	82.8	140.4	53.3
Sweet pecan	25.6	0.0	3.6	0.0	12.5	3.0	0.0	6.5	0.0
Water hickory	20.5	0.0	7.0	0.0	0.0	6.9	0.0	0.0	6.7
Other hickories	173.8	0.0	59.5	28.7	33.2	26.4	13.6	12.4	0.0
Persimmon	4.8	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0
Hard maples	4.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0
Soft maples	7.8	0.0	4.3	1.6	0.0	1.9	0.0	0.0	0.0
Boxelder	19.8	0.0	9.2	7.3	2.1	1.2	0.0	0.0	0.0
Beech	66.2	0.0	0.0	5.4	9.3	18.1	7.8	19.9	5.7
Sweetgum	506.3	0.0	213.2	109.4	61.5	72.4	26.9	19.8	3.1
Blackgum	60.5	0.0	33.0	8.1	3.5	1.8	1.2	12.9	0.0
Other gums/tupelos	25.6	0.0	20.8	0.0	1.3	2.0	1.5	0.0	0.0
White ash	12.3	0.0	5.8	4.3	2.2	0.0	0.0	0.0	0.0
Other ashes	53.5	0.0	19.0	14.6	7.2	0.0	0.0	12.7	0.0
Sycamore	52.4	0.0	27.9	6.7	3.6	3.4	4.8	6.0	0.0
Cottonwoods	9.5	0.0	1.6	0.0	0.0	0.0	0.0	7.9	0.0
Basswoods	24.7	0.0	1.7	5.9	5.9	0.0	0.0	11.2	0.0
Yellow-poplar	161.8	0.0	20.7	13.2	33.5	30.0	24.4	39.9	0.0
Magnolias	28.3	0.0	8.1	2.3	6.5	6.2	2.9	2.3	0.0
Sweetbay	3.6	0.0	0.0	1.3	2.3	0.0	0.0	0.0	0.0
Willow	13.3	0.0	8.7	4.7	0.0	0.0	0.0	0.0	0.0
Black walnut	3.6	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0
Black cherry	46.7	0.0	26.9	4.7	4.3	3.8	1.6	5.4	0.0
American elm	42.1	0.0	19.6	8.5	2.5	2.3	0.0	4.5	4.7
Other elms	53.7	0.0	18.6	16.3	9.5	3.7	0.0	5.6	0.0
River birch	2.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
Hackberries	67.2	0.0	31.8	19.8	9.5	6.2	0.0	0.0	0.0
Black locust	6.6	0.0	1.9	2.3	2.4	0.0	0.0	0.0	0.0
Other locusts	4.9	0.0	3.0	0.0	1.9	0.0	0.0	0.0	0.0
Sassafras	2.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0
Holly	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Other commercial	2.7	0.0	0.0	1.2	1.5	0.0	0.0	0.0	0.0
Total hardwoods	2,753.2	0.0	786.5	512.4	398.9	361.0	220.5	381.6	92.4
All species	6,185.0	437.5	1,330.5	1,046.8	1,001.1	805.3	572.6	891.5	99.6

*Numbers in columns and rows may not add to totals due to rounding.

Table 41.—Volume of sawtimber for tree grade 4 on timberland by detailed species and diameter class, southwest Mississippi counties, 1994*

Species	All classes	Diameter class (Inches at breast height)						
		11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Million board feet -----								
Select white oaks	96.6	37.8	20.9	11.2	11.2	0.0	15.5	0.0
Select red oaks	60.0	16.4	4.9	9.0	17.7	1.8	10.3	0.0
Other white oaks	34.7	7.3	4.6	13.8	1.4	3.5	4.1	0.0
Other red oaks	508.3	92.1	100.0	78.9	103.8	38.2	62.0	33.2
Sweet pecan	11.2	0.0	1.4	0.0	0.0	0.0	5.7	4.1
Other hickories	31.7	1.0	5.2	7.5	10.9	0.0	7.0	0.0
Hard maples	3.8	1.1	2.7	0.0	0.0	0.0	0.0	0.0
Soft maples	3.0	1.1	1.9	0.0	0.0	0.0	0.0	0.0
Boxelder	3.5	1.6	0.0	1.9	0.0	0.0	0.0	0.0
Beech	91.4	14.3	13.4	11.4	26.3	13.8	10.2	2.1
Sweetgum	91.8	30.5	19.5	17.0	11.0	0.0	13.8	0.0
Blackgum	6.7	0.0	4.9	0.0	1.8	0.0	0.0	0.0
Other ashes	6.4	1.2	1.4	0.0	0.0	3.8	0.0	0.0
Cottonwoods	16.1	1.9	0.0	0.0	0.0	0.0	2.6	11.7
Yellow-poplar	85.3	15.3	12.8	11.6	18.6	4.4	22.8	0.0
Magnolias	26.3	1.6	1.5	0.0	11.7	9.1	2.5	0.0
Sweetbay	4.6	0.0	4.6	0.0	0.0	0.0	0.0	0.0
Willow	2.8	0.0	0.0	0.0	0.0	0.0	2.8	0.0
Black cherry	6.6	0.0	3.3	0.0	0.0	3.3	0.0	0.0
American elm	12.4	2.4	3.0	0.0	6.9	0.0	0.0	0.0
Other elms	7.3	2.1	3.0	2.2	0.0	0.0	0.0	0.0
Hackberries	22.6	2.1	3.5	6.5	7.9	2.5	0.0	0.0
Other locusts	9.9	2.2	2.5	0.0	3.6	1.7	0.0	0.0
Total hardwoods	1,143.0	232.1	214.9	171.1	232.8	81.9	159.3	51.0
All species	1,143.0	232.1	214.9	171.1	232.8	81.9	159.3	51.0

*Numbers in columns and rows may not add to totals due to rounding.

Table 42.—Volume of sawtimber on timberland by species and ownership class, southwest Mississippi counties, 1994*

Species	All ownerships	National forest	Other public	Forest industry	Forest industry-leased	Other private
----- Million board feet -----						
Yellow pines	8,186.9	2,100.3	756.7	975.7	0.0	4,354.2
Cypress	458.8	0.0	14.3	406.4	10.9	27.2
Redcedars	36.0	0.0	2.1	3.6	0.0	30.4
Total softwoods	8,681.8	2,100.3	773.0	1,385.8	10.9	4,411.8
Select white-red oaks	1,876.1	275.3	216.3	145.0	19.5	1,219.9
Other white-red oaks	2,068.6	96.0	178.0	130.0	50.4	1,614.1
Hickories	521.9	17.1	32.1	34.0	2.3	436.4
Hard maples	11.1	0.0	0.0	0.0	0.0	11.1
Sweetgum	1,291.2	46.2	141.2	148.1	18.7	937.0
Tupelos and blackgums	224.9	19.8	9.9	0.0	1.1	194.1
Ashes-walnut-black cherry	347.7	0.0	22.2	44.4	0.0	281.1
Yellow-poplar	586.9	68.1	32.7	98.0	0.0	388.1
Other hardwoods	1,347.4	32.2	226.0	94.8	4.8	989.6
Total hardwoods	8,275.8	554.7	858.4	694.4	96.8	6,071.6
All species	16,957.6	2,654.9	1,631.4	2,080.1	107.7	10,483.4

*Numbers in columns and rows may not add to totals due to rounding.

Table 43.—Average net annual growth, average annual removals, and average annual mortality of live trees by county and species group, southwest Mississippi counties, 1994*

County	Net Growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
Adams	11.1	1.1	9.9	4.9	0.8	4.2	4.1	1.2	2.9
Amite	24.6	15.5	9.0	36.3	27.5	8.8	5.1	2.3	2.7
Claiborne	11.8	2.8	9.0	9.0	1.7	7.3	4.4	0.4	4.0
Copiah	25.2	15.1	10.1	26.2	13.7	12.5	5.1	2.4	2.7
Franklin	17.7	12.1	5.6	38.6	26.8	11.8	5.9	4.4	1.5
Hinds	15.8	6.1	9.7	16.7	7.3	9.4	3.8	1.1	2.8
Jefferson	9.4	2.7	6.7	16.0	7.4	8.6	3.7	1.8	1.9
Lincoln	23.8	17.4	6.4	21.0	14.8	6.2	2.4	1.1	1.3
Madison	17.9	8.5	9.4	12.6	6.4	6.2	2.8	0.6	2.1
Pike	10.5	7.6	2.9	15.6	13.4	2.2	2.4	0.5	1.9
Wilkinson	19.1	11.6	7.5	22.3	12.9	9.4	6.9	3.0	3.9
All counties	186.9	100.5	86.4	219.2	132.6	86.6	46.6	18.9	27.7

*Numbers in columns and rows may not add to totals due to rounding.

Table 44.—Average net annual growth, average annual removals, and average annual mortality of live trees by ownership class and species group, southwest Mississippi counties, 1994*

Ownership class	Net Growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
National forest	12.2	8.0	4.2	10.4	8.7	1.7	4.6	3.3	1.3
Other public	8.3	4.3	3.9	8.1	5.2	2.9	4.6	2.0	2.6
Forest industry	28.3	20.8	7.5	47.9	29.0	18.9	3.9	1.1	2.8
Forest industry-leased	0.6	0.0	0.6	0.0	0.0	0.0	0.1	0.0	0.1
Other private	137.5	67.4	70.1	152.9	89.8	63.1	33.4	12.5	20.9
All ownerships	186.9	100.5	86.4	219.2	132.6	86.6	46.6	18.9	27.7

*Numbers in columns and rows may not add to totals due to rounding.

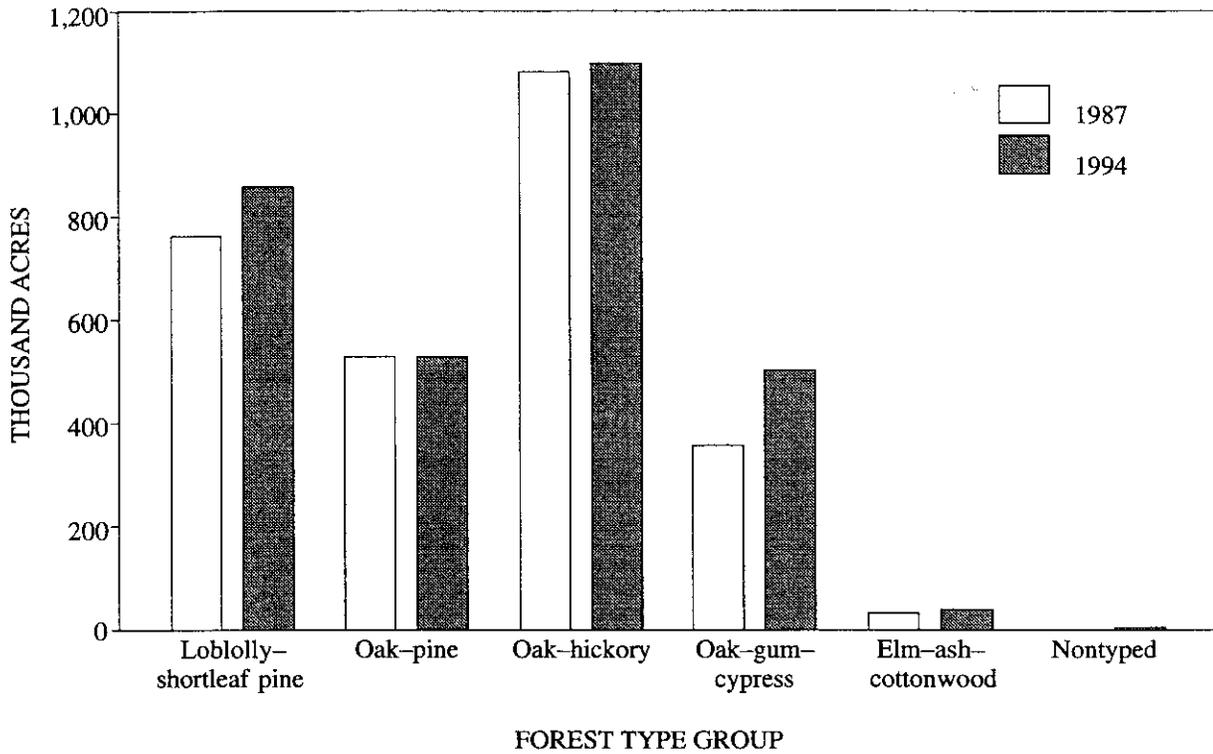


Figure 1.—Area of timberland by forest type group, southwest Mississippi, 1987 and 1994.

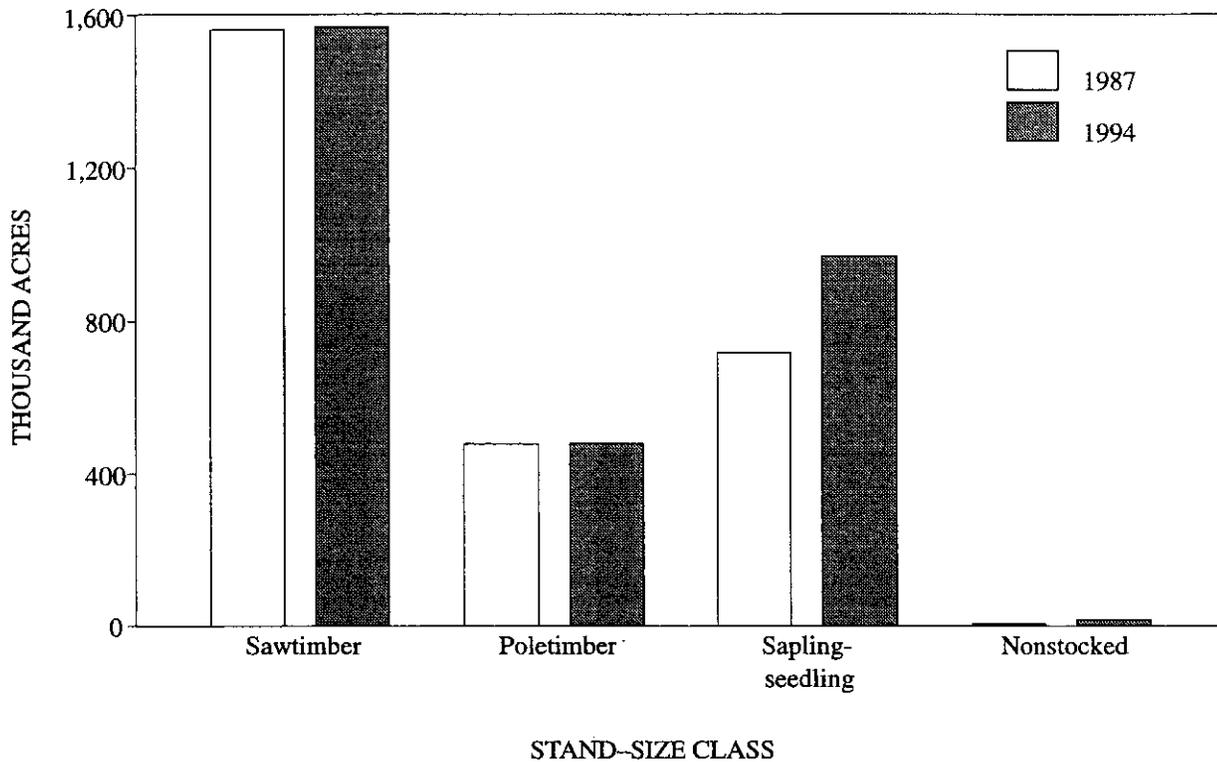


Figure 2.—Area of timberland by stand-size class, southwest Mississippi, 1987 and 1994.

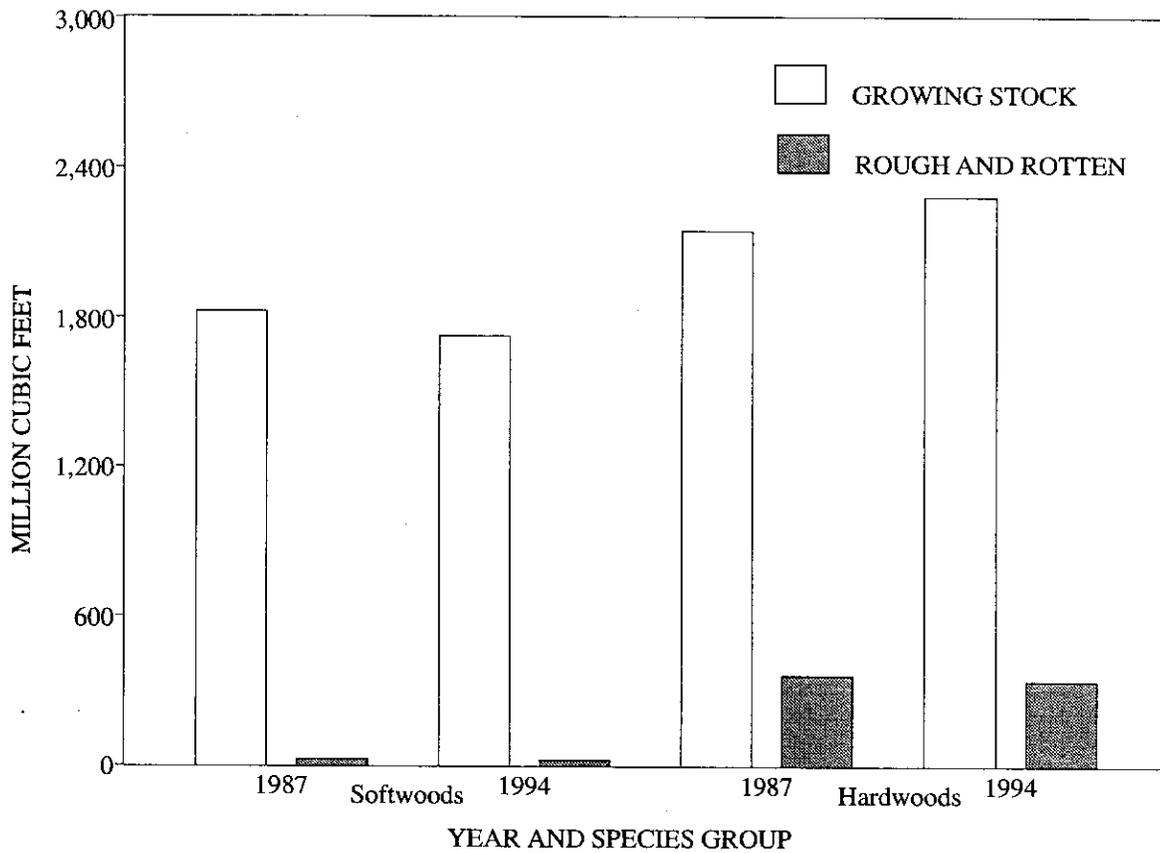


Figure 3.—Volume of live trees on timberland by species group and class of timber, southwest Mississippi, 1987 and 1994.

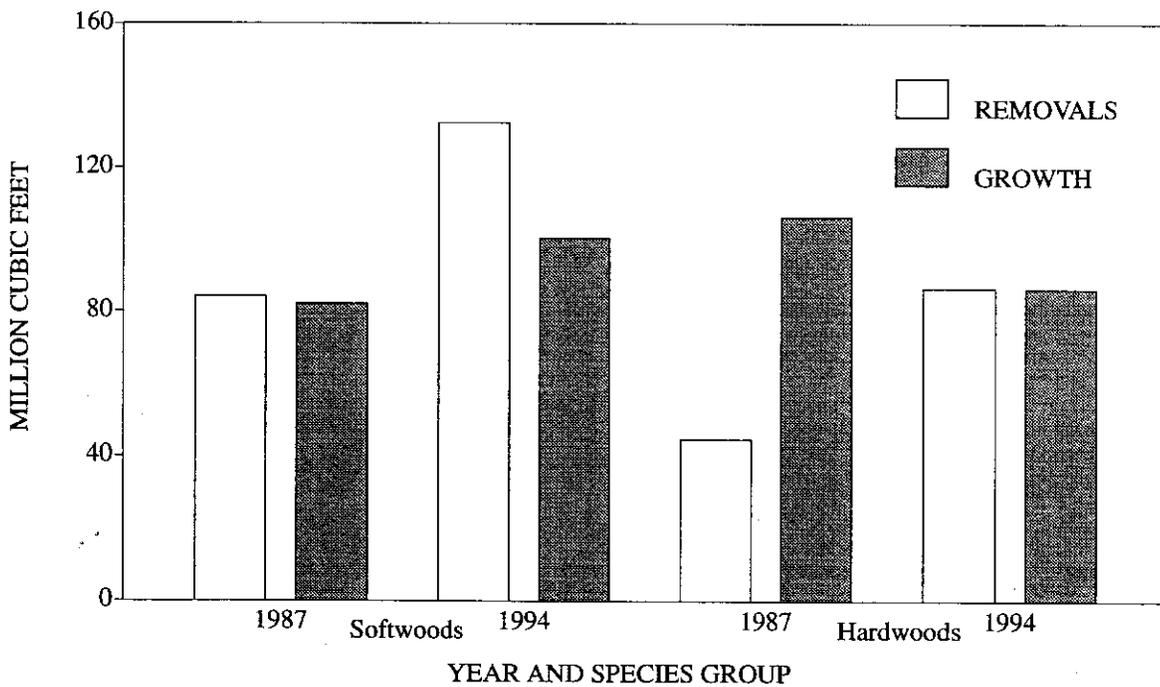


Figure 4.—Average annual removals and average net annual growth of live trees on timberland by species group, southwest Mississippi, 1987 and 1994.

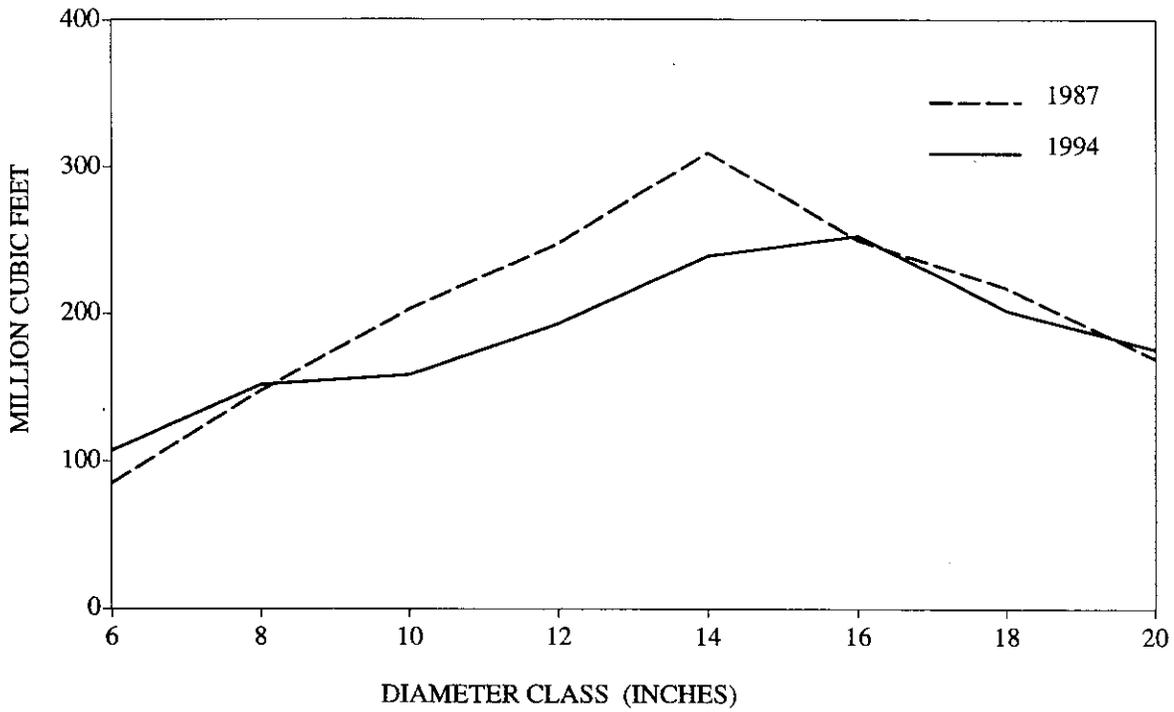


Figure 5.— Volume of live softwood trees on timberland by diameter class, southwest Mississippi, 1987 and 1994.

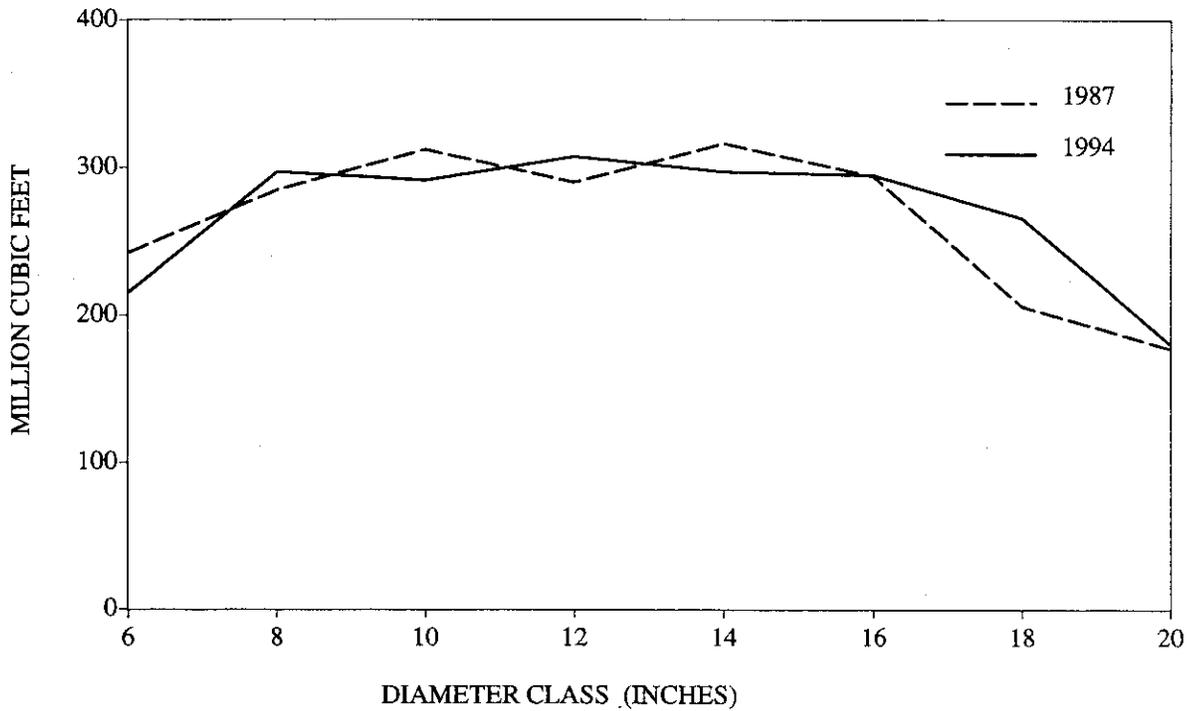


Figure 6.— Volume of live hardwood trees on timberland by diameter class, southwest Mississippi, 1987 and 1994.

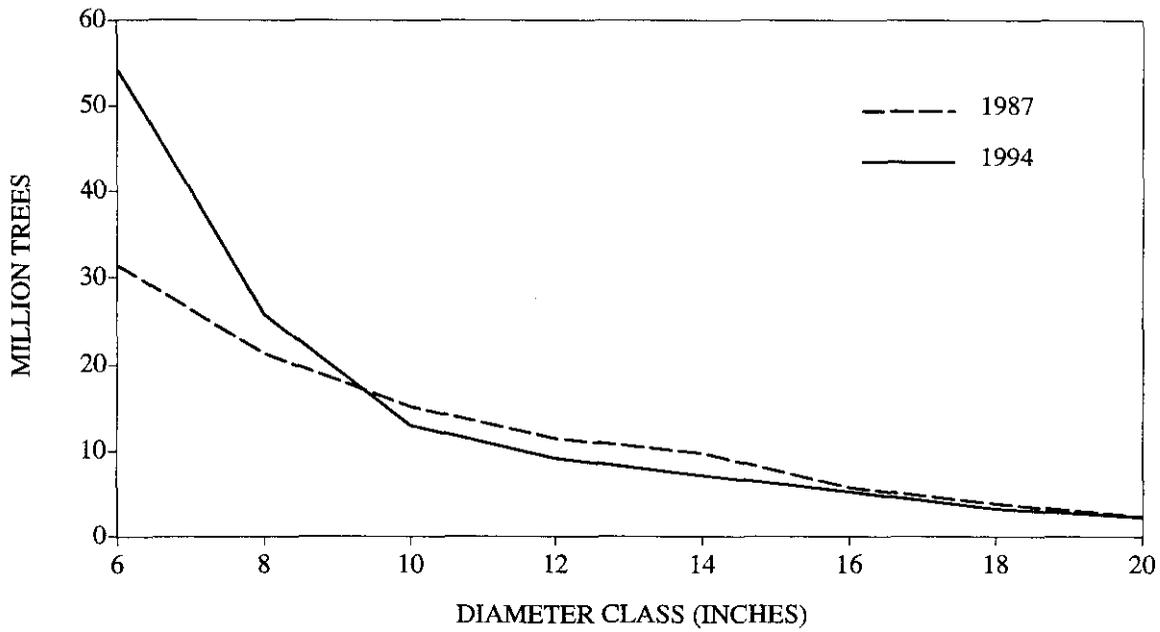


Figure 7.—Number of live softwood trees on timberland by diameter class, southwest Mississippi, 1987 and 1994.

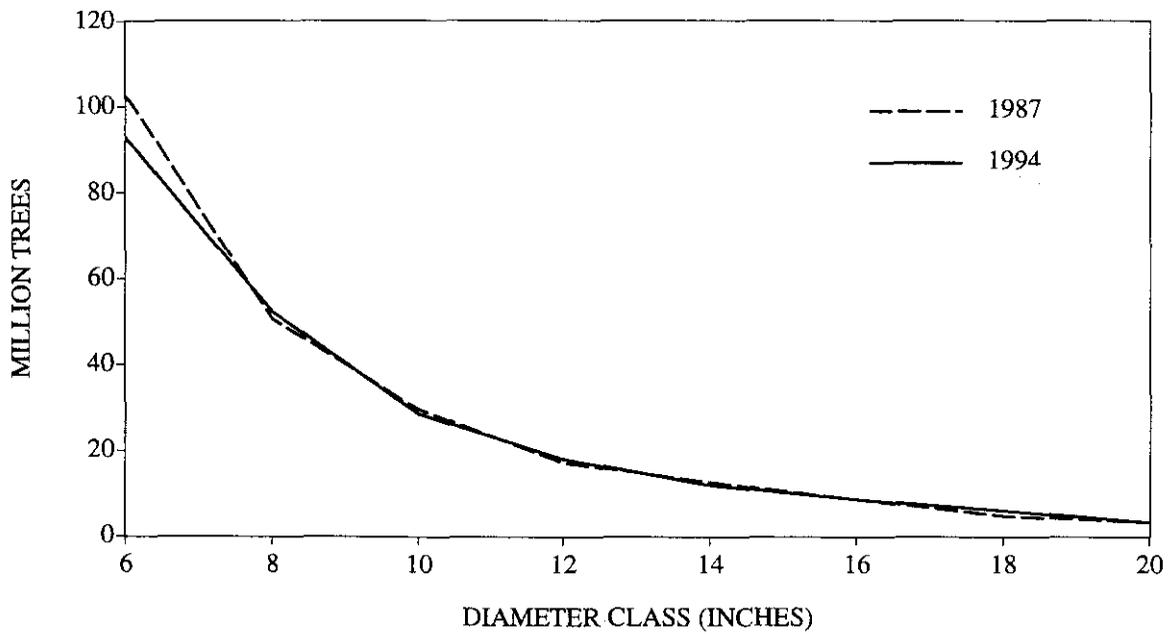


Figure 8.—Number of live hardwood trees on timberland by diameter class, southwest Mississippi, 1987 and 1994.

Faulkner, Joanne L.; Hartsell, Andrew J.; London, Jack D. 1995. Forest statistics for southwest Mississippi counties—1994. Resour. Bull. SO-191. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 39 p.

Tabulates forest resource information from a new inventory of the southwest counties of Mississippi.

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

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