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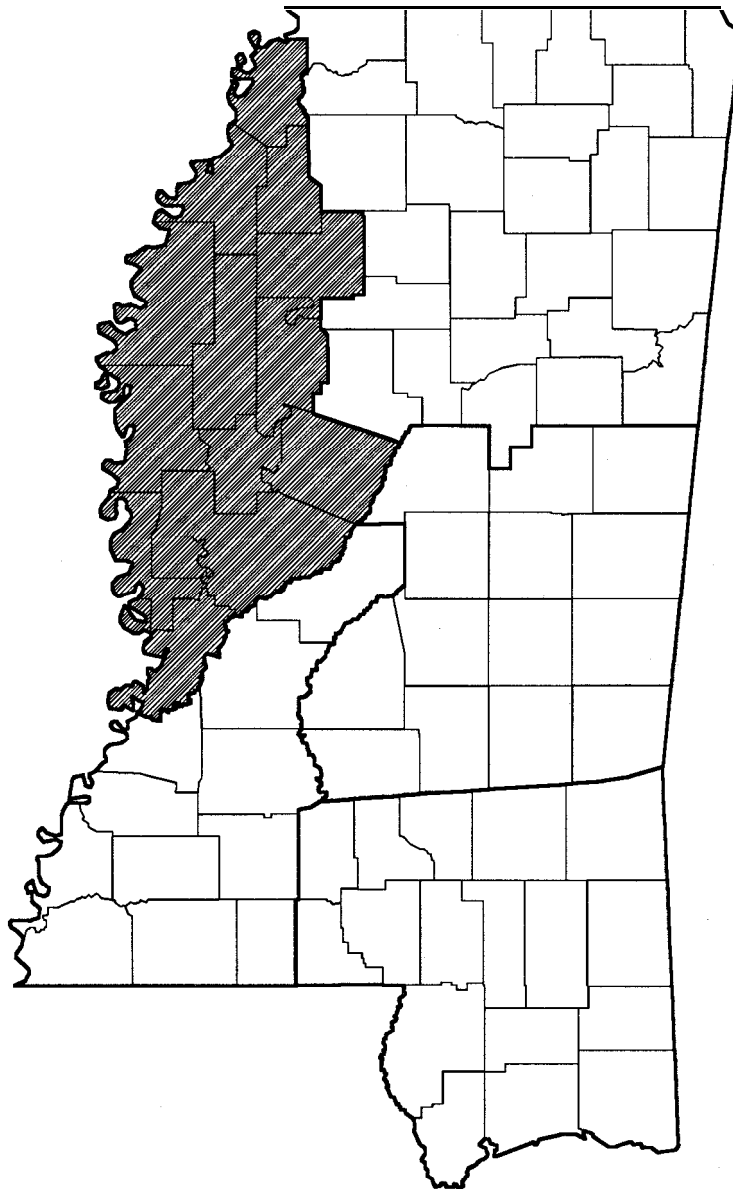
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Forest Statistics for Mississippi Delta Counties-1994

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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

The SO-FIA unit gratefully acknowledges the cooperation and assistance **provided** by the Mississippi Forestry Commission **in** collecting field data. **Appreciation is also** expressed for the cooperation of other **public** agencies and **private** landowners **in** providing **access** to measurement plots.

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*Core tables are presented in response to the Southern Industrial Forestry Research Council's recommendations. These tables are identical among Forest Inventory and Analysis units in the Eastern United States.

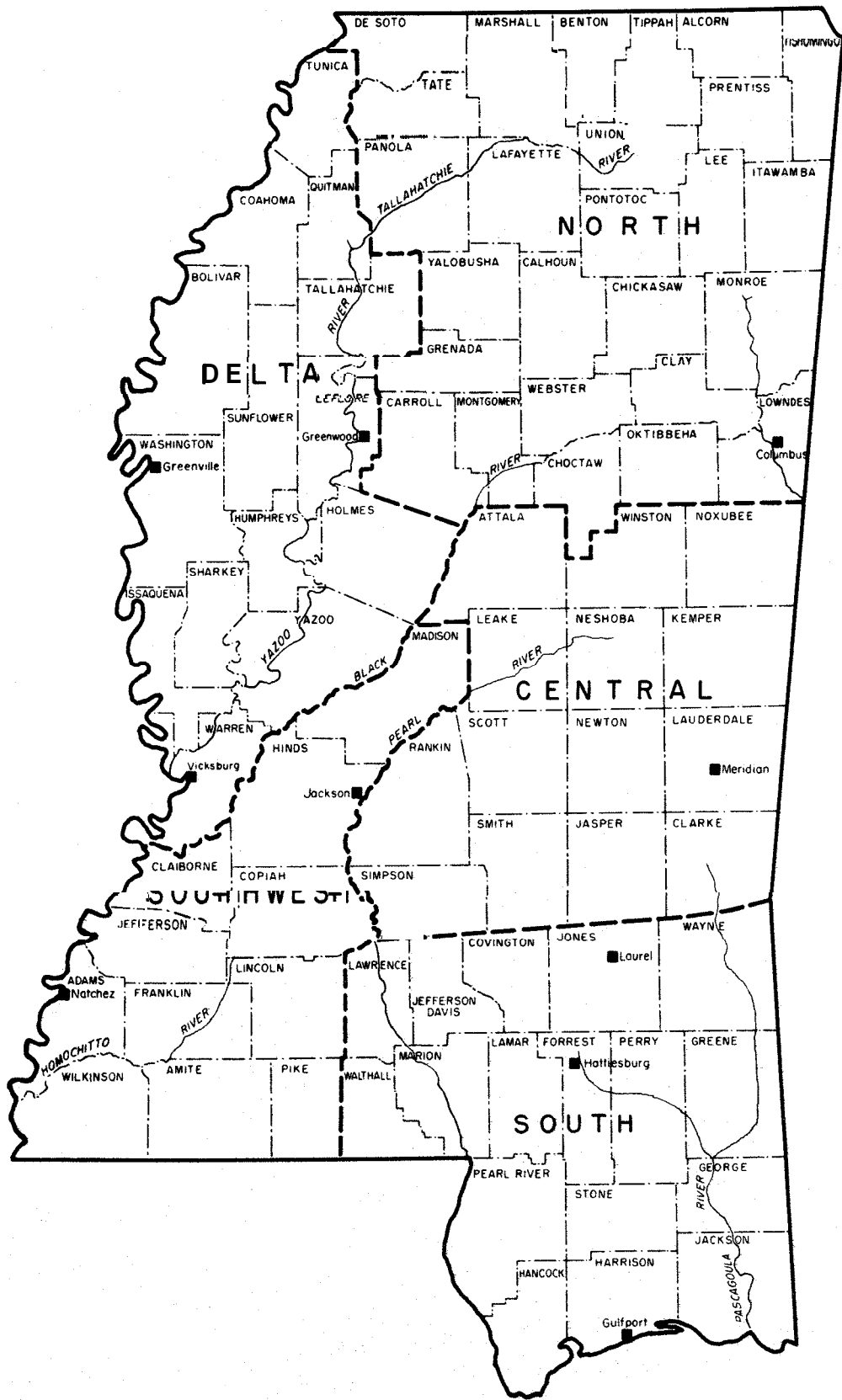


Figure 1.-Forest survey regions in Mississippi.

Forest Statistics for Mississippi Delta Counties-1994

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INTRODUCTION

Tabulated results were derived from data obtained during a 1994 forest inventory of Mississippi Delta counties (fig. 1). These data are considered preliminary. Field work was conducted from September to December 1993 and in August 1994. Six plots were inaccessible due to high water until 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 photointerpretation 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 culis—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 68,700 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, Mississippi Delta counties, 1994*

| County | Timberland | Live trees | | | Growing stock | | | Sawtimber volume |
|-------------------|------------|------------|--------|----------|---------------|--------|----------|------------------|
| | | Volume | Growth | Removals | Volume | Growth | Removals | |
| -----Percent----- | | | | | | | | |
| Bolivar | 1.3 | 10.9 | 34.5 | 100.0 | 12.8 | 29.8 | 100.0 | 13.9 |
| Coahoma | 0.9 | 7.8 | 100.0 | 75.1 | 8.3 | 55.8 | 73.0 | 11.3 |
| Holmes | 1.9 | 12.4 | 24.8 | 30.0 | 13.4 | 27.9 | 30.4 | 16.6 |
| Humphreys | 1.4 | 30.5 | 53.3 | 0.0 | 33.4 | 43.6 | 0.0 | 38.6 |
| Issaquena | 3.2 | 16.5 | 34.3 | 28.7 | 16.9 | 20.0 | 29.2 | 18.3 |
| Leflore | 1.3 | 17.0 | 31.4 | 100.0 | 19.1 | 31.2 | 100.0 | 20.6 |
| Quitman | 0.9 | 26.2 | 49.4 | 100.0 | 30.5 | 40.7 | 100.0 | 30.4 |
| Sbarkey | 1.3 | 15.3 | 30.8 | 81.0 | 15.9 | 22.9 | 81.0 | 20.2 |
| Sunflower | 0.6 | 79.8 | 100.0 | 8.8 | 75.1 | 100.0 | 14.7 | 70.8 |
| Tallahatchie | 1.8 | 21.3 | 13.2 | 51.4 | 22.8 | 19.3 | 52.1 | 24.8 |
| Tunica | 1.0 | 13.8 | 76.3 | 82.9 | 15.1 | 41.4 | 82.9 | 19.5 |
| Warren | 1.5 | 7.2 | 10.7 | 32.8 | 7.7 | 8.1 | 33.0 | 9.9 |
| Washington | 0.8 | 15.5 | 24.1 | 52.3 | 17.3 | 24.7 | 51.8 | 16.7 |
| Ya200 | 1.5 | 9.3 | 28.9 | 25.1 | 10.9 | 28.2 | 24.9 | 14.7 |
| All counties | 0.4 | 4.5 | 8.4 | 13.8 | 4.8 | 7.5 | 14.0 | 5.7 |

*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 1 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 Mississippi Delta counties is computed as follows:

$$2,200.4 \pm 1.96(0.048 \times 2,200.4) = 2,200.4 \pm 207.0$$

where 1.96 is the number of standard deviations. Therefore, the 95-percent confidence interval is 1,993.4 to 2,407.4 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:

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

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 Holmes, Humphreys, Sharkey, and Yazoo Counties is computed as:

$$SE_g = 4.8 \frac{\sqrt{2,200.4}}{\sqrt{721.1}} = 8.4.$$

Thus, the sampling error is 8.4 percent, and the resulting 95-percent confidence interval for growing-stock volume in the four-county area is 721.1 ± 118.7 million cubic feet.

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

| Inventory period and species group | Gross growth | | |
|------------------------------------|--------------------------------|-----------|----------|
| | Net growth | Mortality | Removals |
| | ----- Million cubic feet ----- | | |
| 1977 to 1987 | | | |
| Softwoods | 6.3 | 0.9 | 5.2 |
| Hardwoods | 84.0 | 22.4 | 32.1 |
| Total | 90.3 | 23.3 | 37.3 |
| 1987 to 1994 | | | |
| Softwoods | 5.3 | 1.3 | 12.1 |
| Hardwoods | 56.5 | 36.0 | 58.1 |
| Total | 61.7 | 37.4 | 70.2 |

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

HIGHLIGHTS

Area

The Mississippi Delta survey unit is 28 percent forested, up from 25 percent forested in 1987. All of the 1,543,600 acres of forest land is classified as timberland and represents an 11 percent increase from the 1987 forest survey estimate.

Nonindustrial private owners account for 75 percent of the timberland in the Delta, with 1,160,700 acres. Public ownership of timberland accounts for 13 percent of the timberland with 195,100 acres. Forest industry accounts for 12 percent of the timberland with 187,900 acres.

Oak-gum-cypress type forests predominate in this unit, comprising 56 percent of the timberland. These forests increased 12 percent to 859,100 acres. Oak-hickory type forests account for 34 percent of the timberland, and increased 18 percent to 524,500 acres. Elm-ash-cottonwood, shortleaf-loblolly pine, and oak-pine type forests account for six, three, and one percent of the timberland, respectively. Elm-ash-cottonwood type forests account for 87,900 acres, oak-pine forests account for 18,500 acres. Natural pine forests account for 11,700 acres, while planted pine forests account for 42,000 acres.

Sawtimber size stands still account for the greatest portion of timberland, 72 percent, up 18 percent since 1987 to 1,116,600 acres. Sapling-seedling stands and poletimber stands switched places from 1987 to 1994. Sapling-seedling stands were third behind poletimber stands in 1987, accounting for eight percent of the timberland. In 1994, sapling-seedling stands are now second behind sawtimber stands with 15 percent of the timberland in this stand size class. These stands increased 119 percent to 228,500 acres. Twenty-nine percent of this increase was on lands that were formerly agricultural. Poletimber stands moved from second to third, now accounting for 12 percent of the timberland, compared with 24 percent in 1987. Poletimber stands decreased 44 percent to 191,600 acres. Nonstocked areas account for less than 1 percent of the total timberland area, with an estimated 6,900 acres in 1994, and none in this category in 1987.

Stand structure

Hardwoods comprise 94 percent of all live trees in this unit, while softwoods account for 6 percent.

Softwoods less than 5.0 inches in d.b.h. increased 87 percent to 29,919 thousand trees. Softwoods from 5.0 to 6.9 inches in d.b.h. increased 66 percent to 4,762 thousand trees, while trees from 7.0 to 8.9 inches in d.b.h. decreased 41 percent to 2,166 thousand trees. Softwoods 9.0 inches in d.b.h. and greater decreased 13 percent to 3,823 thousand trees.

For hardwoods, the number of all live trees less than 5.0 inches in d.b.h. is 445,776 thousand trees. Hardwood trees from 5.0 to 10.9 inches in d.b.h. decreased 9 percent to 105,101 thousand trees. Hardwoods 11.0 inches in d.b.h. and greater increased 12 percent to 53,916 thousand trees.

The average basal area of all live trees is 87.7 square feet per acre, a 5 percent decrease since 1987. As in 1987, 94 percent of the basal area is in hardwoods, 6 percent in softwoods.

Softwood sapling-seedling basal area increased 125 percent since 1987, but only accounts for 1 percent of the total basal area. Softwood poletimber basal area decreased 15 percent but also only accounts for 1 percent of the total basal area. Softwood sawtimber basal area accounts for 3 percent of the total basal area, and decreased 14 percent since 1987. Overall, softwood basal area decreased 4 percent.

Hardwood sapling-seedling basal area decreased 14 percent and constitutes 11 percent of the total basal area. Hardwood poletimber accounts for 24 percent of the total basal area, and decreased 18 percent since 1987. Hardwood sawtimber still accounts for the majority of the total basal area, at 59 percent of the total. This represents a 2 percent increase since 1987. Overall, hardwood basal area decreased 6 percent.

Inventory

Softwood live-tree volume did not change statistically since 1987. Softwoods account for 5 percent of the total all live volume, with 122.8 million cubic feet. Cypress accounts for 61 percent of the softwood all live volume, a change since 1987 when it accounted for 38 percent of the total softwood volume. It accounts for just three percent of the total all live volume.

The rest of the softwood species combined account for only 2 percent of the total all live volume. Loblolly pine accounts for 19 percent of the softwood volume. Shortleaf pine accounts for 11 percent of the softwood volume, a **change since** 1987 when it accounted for 34 percent of the softwood volume. The last **softwood** species, redcedars, accounts for 9 percent of the softwood all live volume.

Hardwood live-tree volume **also** did not **change** statistically **since** 1987. **Overall**, hardwoods account for 95 percent of the total all live volume **in** the Delta. Eight species groups account for 73 percent of the hardwood all live volume: other red oaks, sweetgum, hackberry, hickories, **ashes**, **select** red oaks, other white oaks, and elms.

Otherred oaks, with 383.3 million cubic feet, account for 16 percent of hardwood all live volume, 15 percent of the total all live volume. Sweetgum ranks a **close** second behind other red oaks with 376.1 million cubic feet of all live volume. **Sweetgum also** accounts for 16 percent and 15 percent of the **hardwood** and total all live volume, respectively. **Hackberry is** next, accounting for 10 percent of the hardwood all live volume, and 10 percent of the total. Hickories account for ninepercent of the hardwood all live volume, and nine percent of the-total. **Ashes comprise** eight percent of both the hardwood and total **all** live volume. **Select** red oaks, other white oaks, and elms account for five, four, and four percent respectively of hardwood all live volume. All oaks combined account for 28 percent of the **hardwood** volume, 26 percent of the total volume. Distributions for hardwood all live volume 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 1,722 cubic feet to 1,619 cubic feet. Softwood live-tree volume per acre decreased from 107 cubic feet to 80 cubic feet. Hardwood live-tree **volume** per acre decreased from 1,615 cubic feet to 1,540 cubic feet.

Softwood sawtimber volume did not **change** statistically **since** 1987. It accounts for six percent of the total sawtimber volume. Grade 3 volume accounts for 66 percent of the **softwood** sawtimber volume, with 324.1 million board feet. It only accounts for four percent of the total sawtimber volume. **Volume in** Grade 2, Grade 1, and Grade 5 accounts for 18 percent, 11 percent, and 5 percent of the softwood sawtimber volume, respectively.

Hardwood sawtimber volume did not **change** statistically **since** 1987. It accounts for 94 percent of the total sawtimber volume **in** this unit. Grade 3 accounts for 37 percent of the **hardwood** sawtimber volume (35 percent of the total), with **3,108.8** million board feet. Volume **in** Grade 2 and Grade 1 accounts for 22 and 20 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 **decreased** 38 percent to 40 cubic feet per acre per year **over** the previous period (1977 to 1987). Softwood growth per acre per year decreased 24 percent to 3.4 cubic feet. Hardwood growth

per acre per year decreased 39 percent to 36.6 cubic feet. Within the unit, softwood all live growth **was** unchanged, while **hardwood** all live growth decreased 33 percent to 56.5 million cubic feet.

Average **annual** live-tree mortality increased 61 percent for hardwoods. Softwood mortality was unchanged.

Average **annual** all live **removals** for softwoods did not **change** statistically, while hardwood **removals** increased 8 1 percent to 58.1 million cubic feet per year. Hardwoods account for 83 percent of the **removals in** this unit, softwoods 17 percent.

Average annual sawtimber **removals** for hardwoods **increased** 106 percent to 249.1 million board feet.

For both softwoods and hardwoods, the average net annual all live growth-to-removals ratios, accounting for sampling error, **indicate** no **change in** the inventory.

Conclusions

The results of the 1994 forest survey of the Mississippi Delta unit indicated **an 11 percent increase in** timberland **area since** 1987. Sawtimber size **stands** still account for the greatest **portion** of timberland, but sapling-seedling **stands** moved from third to second behind sawtimber **stands**.

Hardwoods account for 94 percent of the trees, softwoods 6 percent. Softwoods **in** the smaller diameter **classes** increased.

Average net annual all live growth for hardwoods decreased 33 percent. **Hardwood removals** increased 81 percent. **Softwood** growth and **removals** did not **change** statistically.

While there was no statistical **change in** the current **inventory**, a continuation of current growth and **removals** trends for hardwoods 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 saw-timber 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, Mississippi Delta counties, 1994*

| County | All land* | Forest land | | | | Nonforest land |
|---------------------|----------------|----------------|----------------|------------|---------------------|----------------|
| | | Total | Timberland | Woodland | Reserved timberland | |
| — Thousand acres — | | | | | | |
| Bolivar | 560.9 | 84.8 | 84.8 | 0.0 | 0.0 | 476.1 |
| Coahoma | 354.7 | 67.9 | 67.9 | 0.0 | 0.0 | 286.8 |
| Holmes | 483.9 | 269.7 | 269.7 | 0.0 | 0.0 | 214.1 |
| Humphreys | 267.6 | 36.3 | 36.3 | 0.0 | 0.0 | 231.3 |
| Issaquena | 264.3 | 116.5 | 116.5 | 0.0 | 0.0 | 147.8 |
| Leflore | 378.9 | 63.5 | 63.5 | 0.0 | 0.0 | 315.3 |
| Quitman | 259.1 | 26.5 | 26.5 | 0.0 | 0.0 | 232.6 |
| Sharkey | 273.8 | 92.8 | 92.8 | 0.0 | 0.0 | 181.0 |
| Sunflower | 444.1 | 38.1 | 38.1 | 0.0 | 0.0 | 405.9 |
| Tallahatchie | 412.1 | 114.0 | 114.0 | 0.0 | 0.0 | 298.1 |
| Tunica | 291.1 | 44.6 | 44.6 | 0.0 | 0.0 | 246.5 |
| Warren | 375.5 | 253.6 | 253.6 | 0.0 | 0.0 | 121.9 |
| Washington | 463.4 | 71.8 | 71.8 | 0.0 | 0.0 | 391.6 |
| Yazoo | 588.5 | 263.5 | 263.5 | 0.0 | 0.0 | 325.0 |
| All counties | 5,417.7 | 1,543.6 | 1,543.6 | 0.0 | 0.0 | 3,874.1 |

*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, Mississippi Delta counties, 1994*

| County | All ownerships | National forest | Misc. federal | State | County and municipal | Forest industry† | Farmer | Corporate‡ | Individual* |
|---------------------|----------------|-----------------|---------------|-------------|----------------------|------------------|--------------|--------------|--------------|
| — Thousand acres — | | | | | | | | | |
| Bolivar | 84.8 | 0.0 | 0.0 | 20.0 | 0.0 | 20.0 | 15.0 | 20.0 | 10.0 |
| Coahoma | 67.9 | 0.0 | 0.0 | 0.0 | 0.0 | 19.4 | 29.1 | 0.0 | 19.4 |
| Holmes | 269.7 | 0.0 | 11.7 | 0.0 | 0.0 | 23.5 | 70.4 | 23.5 | 140.7 |
| Humphreys | 36.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.2 | 10.4 | 20.8 |
| Issaquena | 116.5 | 0.0 | 6.5 | 0.0 | 6.5 | 64.7 | 6.5 | 19.4 | 12.9 |
| Leflore | 63.5 | 0.0 | 0.0 | 0.0 | 10.6 | 0.0 | 52.9 | 0.0 | 0.0 |
| Quitman | 26.5 | 0.0 | 5.3 | 0.0 | 0.0 | 0.0 | 15.9 | 0.0 | 5.3 |
| Sharkey | 92.8 | 58.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22.7 | 11.4 |
| Sunflower | 38.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38.1 | 0.0 | 0.0 |
| Tallahatchie | 114.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 69.7 | 12.7 | 31.7 |
| Tunica | 44.6 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 9.9 | 19.8 | 9.9 |
| Warren | 253.6 | 0.0 | 6.7 | 6.7 | 0.0 | 53.4 | 53.4 | 26.7 | 106.8 |
| Washington | 71.8 | 0.0 | 8.0 | 8.0 | 0.0 | 0.0 | 8.0 | 31.9 | 15.9 |
| Yazoo | 263.5 | 0.0 | 34.7 | 6.9 | 0.0 | 6.9 | 104.0 | 0.0 | 111.0 |
| All counties | 1,543.6 | 58.7 | 72.8 | 46.5 | 17.1 | 187.9 | 478.0 | 187.0 | 495.7 |

*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, Mississippi Delta counties, 1994*

| County | Forest type group | | | | | | |
|--------------------------|-------------------|----------------------------|-------------|--------------|-----------------|---------------------|------------------------|
| | Total | Loblolly-shortleaf pine | | Oak- pine | Oak- hickory | Oak-gum- cypress | Elm-ash- cottonwood |
| | | Planted | Natural | | | | |
| -----Thousand acres----- | | | | | | | |
| Bolivar | 84.8 | 0.0 | 0.0 | 0.0 | 0.0 | 69.8 | 15.0 |
| Coahoma | 67.9 | 0.0 | 0.0 | 0.0 | 0.0 | 63.0 | 4.8 |
| Holmes | 269.7 | 29.3 | 11.7 | 5.9 | 140.7 | 70.4 | 11.7 |
| Humphreys | 36.3 | 0.0 | 0.0 | 0.0 | 0.0 | 36.3 | 0.0 |
| Issaquena | 116.5 | 0.0 | 0.0 | 0.0 | 6.5 | 103.6 | 6.5 |
| Leflore | 63.5 | 0.0 | 0.0 | 0.0 | 0.0 | 63.5 | 0.0 |
| Quitman | 26.5 | 0.0 | 0.0 | 0.0 | 0.0 | 26.5 | 0.0 |
| Sharkey | 92.8 | 0.0 | 0.0 | 0.0 | 0.0 | 92.8 | 0.0 |
| Sunflower | 38.1 | 0.0 | 0.0 | 0.0 | 0.0 | 38.1 | 0.0 |
| Tallahatchie | 114.0 | 12.7 | 0.0 | 12.7 | 50.7 | 38.0 | 0.0 |
| Tunica | 44.6 | 0.0 | 0.0 | 0.0 | 0.0 | 44.6 | 0.0 |
| Warren | 253.6 | 0.0 | 0.0 | 0.0 | 160.2 | 73.4 | 20.0 |
| Washington | 71.8 | 0.0 | 0.0 | 0.0 | 0.0 | 55.8 | 15.9 |
| Yazoo | 263.5 | 0.0 | 0.0 | 0.0 | 166.4 | 83.2 | 13.9 |
| All counties | 1,543.6 | 42.0 | 11.7 | 18.5 | 524.5 | 859.1 | 87.9 |

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

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

| County | All classes | Stand-size class | | | Nonstocked areas |
|--------------------------|----------------|------------------|--------------|----------------------|---------------------|
| | | Sawtimber | Poletimber | Sapling- seedling | |
| -----Thousand acres----- | | | | | |
| Bolivar | 84.8 | 79.8 | 0.0 | 5.0 | 0.0 |
| Coahoma | 67.9 | 53.3 | 14.5 | 0.0 | 0.0 |
| Holmes | 269.7 | 111.4 | 58.6 | 99.7 | 0.0 |
| Humphreys | 36.3 | 25.9 | 5.2 | 5.2 | 0.0 |
| Issaquena | 116.5 | 90.6 | 0.0 | 25.9 | 0.0 |
| Leflore | 63.5 | 63.5 | 0.0 | 0.0 | 0.0 |
| Quitman | 26.5 | 26.5 | 0.0 | 0.0 | 0.0 |
| Sharkey | 92.8 | 67.9 | 20.4 | 4.5 | 0.0 |
| Sunflower | 38.1 | 38.1 | 0.0 | 0.0 | 0.0 |
| Tallahatchie | 114.0 | 69.7 | 12.7 | 31.7 | 0.0 |
| Tunica | 44.6 | 39.6 | 5.0 | 0.0 | 0.0 |
| Warren | 253.6 | 226.9 | 26.7 | 0.0 | 0.0 |
| Washington | 71.8 | 63.8 | 0.0 | 8.0 | 0.0 |
| Yazoo | 263.5 | 159.5 | 48.5 | 48.5 | 6.9 |
| All counties | 1,543.6 | 1,116.6 | 191.6 | 228.5 | 6.9 |

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

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

| County | All classes | Site class (Cubic feet/acre/year) | | | | |
|--------------------------|----------------|-----------------------------------|---------|--------|-------|------|
| | | >165 | 120-165 | 85-120 | 50-85 | <50 |
| -----Thousand acres----- | | | | | | |
| Bolivar | 84.8 | 24.9 | 15.0 | 44.9 | 0.0 | 0.0 |
| Coahoma | 67.9 | 24.2 | 33.9 | 9.1 | 0.0 | 0.0 |
| Holmes | 269.7 | 41.0 | 76.2 | 129.0 | 23.5 | 0.0 |
| Humphreys | 36.3 | 0.0 | 10.4 | 20.8 | 0.0 | 5.2 |
| Issaquena | 116.5 | 45.3 | 12.9 | 19.4 | 25.9 | 12.9 |
| Leflore | 63.5 | 0.0 | 31.8 | 10.6 | 21.2 | 0.0 |
| Quitman | 26.5 | 5.3 | 0.0 | 21.2 | 0.0 | 0.0 |
| Sharkey | 92.8 | 13.5 | 33.9 | 24.9 | 20.4 | 0.0 |
| Sunflower | 38.1 | 0.0 | 0.0 | 19.1 | 19.1 | 0.0 |
| Tallahatchie | 114.0 | 19.0 | 19.0 | 63.4 | 12.1 | 0.0 |
| Tunica | 44.6 | 14.9 | 19.8 | 5.0 | 5.0 | 0.0 |
| Warren | 253.6 | 93.4 | 66.7 | 60.1 | 33.4 | 0.0 |
| Washington | 71.8 | 0.0 | 8.0 | 55.8 | 8.0 | 0.0 |
| Yaz00 | 263.5 | 34.1 | 111.0 | 83.2 | 34.1 | 0.0 |
| All counties | 1,543.6 | 316.3 | 438.6 | 566.9 | 203.6 | 18.1 |

*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, Mississippi Delta counties, 1994*

| County | All classes | Stocking class (Percent) | | | | |
|--------------------------|----------------|--------------------------|------------|--------|------------|------------|
| | | >130 | 100-130 | 60-100 | 16.7-60 | <16.7 |
| -----Thousand acres----- | | | | | | |
| Bolivar | 84.8 | 0.0 | 5.0 | 49.9 | 29.9 | 0.0 |
| Coahoma | 67.9 | 0.0 | 19.4 | 43.6 | 4.8 | 0.0 |
| Holmes | 269.1 | 5.9 | 41.0 | 111.4 | 105.6 | 5.9 |
| Humphreys | 36.3 | 5.2 | 0.0 | 15.6 | 15.6 | 0.0 |
| Issaquena | 116.5 | 0.0 | 6.5 | 71.2 | 32.4 | 6.5 |
| Leflore | 63.5 | 0.0 | 21.2 | 31.8 | 10.6 | 0.0 |
| Quitman | 26.5 | 0.0 | 5.3 | 5.3 | 15.9 | 0.0 |
| Sharkey | 92.8 | 0.0 | 4.5 | 14.1 | 13.5 | 0.0 |
| Sunflower | 38.1 | 0.0 | 0.0 | 19.1 | 0.0 | 19.1 |
| Tallahatchie | 114.0 | 12.1 | 19.0 | 69.7 | 12.7 | 0.0 |
| Tunica | 44.6 | 0.0 | 9.9 | 24.8 | 9.9 | 0.0 |
| Warren | 253.6 | 6.7 | 13.3 | 193.5 | 40.0 | 0.0 |
| Washington | 71.8 | 0.0 | 15.9 | 23.9 | 31.9 | 0.0 |
| Yaz00 | 263.5 | 0.0 | 6.9 | 138.7 | 104.0 | 13.9 |
| All counties | 1,543.6 | 30.4 | 168.0 | 873.1 | 426.8 | 45.3 |

*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, Mississippi Delta counties, 1994*

| Forest type group | All ownerships | National forest | Other public | Forest industry | Forest industry- leased | Other private |
|-------------------------|-------------------|--------------------|-----------------|--------------------|-------------------------------|------------------|
| | | | | | | |
| Loblolly-shortleaf pine | 53.7 | 0.0 | 0.0 | 5.9 | 0.0 | 47.9 |
| Softwood total | 53.7 | 0.0 | 0.0 | 5.9 | 0.0 | 47.9 |
| Oak-pine | 18.5 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 |
| Oak-hickory | 524.5 | 0.0 | 20.3 | 39.0 | 0.0 | 465.2 |
| Oak-gum-cypress | 859.1 | 58.7 | 102.7 | 126.3 | 0.0 | 571.4 |
| Elm-ash-cottonwood | 87.9 | 0.0 | 13.4 | 16.7 | 0.0 | 57.8 |
| Hardwood total | 1,489.9 | 58.7 | 136.4 | 182.0 | 0.0 | 1,112.9 |
| All types | 1,543.6 | 58.7 | 136.4 | 187.9 | 0.0 | 1,160.7 |

*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, Mississippi Delta counties, 1994*

| Ownership class | All classes | Stocking class (Percent) | | | | |
|-----------------------|----------------|--------------------------|---------|--------|---------|-------|
| | | >130 | 100-130 | 60-100 | 16.7-60 | <16.7 |
| <i>Thousand acres</i> | | | | | | |
| National forest | 58.7 | 0.0 | 4.5 | 40.6 | 13.5 | 0.0 |
| Other public | 136.4 | 0.0 | 18.3 | 77.9 | 26.8 | 13.4 |
| Forest industry | 187.9 | 0.0 | 16.6 | 129.1 | 42.2 | 0.0 |
| Other private | 1,160.7 | 30.4 | 128.7 | 625.5 | 344.2 | 31.9 |
| All ownerships | 1,543.6 | 30.4 | 168.0 | 873.1 | 426.8 | 45.3 |

*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, Mississippi Delta counties, 1994 *

| Forest type group | All classes | Stand-size class | | | Nonstocked areas |
|-------------------------|----------------|------------------|------------|----------------------|---------------------|
| | | Sawtimber | Poletimber | Sapling- seedling | |
| <i>Thousand acres</i> | | | | | |
| Loblolly-shortleaf pine | 53.7 | 11.7 | 11.7 | 30.3 | 0.0 |
| Softwood total | 53.7 | 11.7 | 11.7 | 30.3 | 0.0 |
| Oak-pine | 18.5 | 6.3 | 0.0 | 12.2 | 0.0 |
| Oak-hickory | 524.5 | 309.5 | 103.6 | 111.4 | 0.0 |
| Oak-gum-cypress | 859.1 | 728.2 | 69.6 | 61.2 | 0.0 |
| Elm-ash-cottonwood | 87.9 | 60.8 | 6.7 | 13.4 | 6.9 |
| Hardwood total | 1,489.9 | 1,104.9 | 179.9 | 198.2 | 6.9 |
| All types | 1,543.6 | 1,116.6 | 191.6 | 228.5 | 6.9 |

*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, Mississippi Delta counties, 1994*

| Species | All classes | Diameter class (Inches at breast height) | | | | | | | | | | | ≥29.0 |
|--------------------------|-------------|--|---------|---------------|---------|----------|------------|-----------|-----------|-----------|-----------|-----------|-------|
| | | 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 | |
| | | ----- <i>Thousand trees</i> ----- | | | | | | | | | | | |
| Shortleaf-loblolly pines | 27,693 | 13,120 | 8,324 | 3,378 | 1,453 | 736 | 273 | 208 | 99 | 92 | 10 | 0 | 0 |
| Cypress | 2,879 | 457 | 0 | 311 | 245 | 254 | 626 | 390 | 201 | 48 | 67 | 153 | 125 |
| Other softwoods | 10,098 | 5,769 | 2,249 | 1,072 | 467 | 373 | 105 | 22 | 19 | 12 | 11 | 0 | 0 |
| Total softwoods | 40,670 | 19,346 | 10,573 | 4,762 | 2,166 | 1,364 | 1,003 | 619 | 319 | 151 | 88 | 153 | 125 |
| Select white oaks | 12,816 | 7,563 | 1,607 | 882 | 824 | 613 | 396 | 384 | 213 | 105 | 79 | 132 | 18 |
| Select red oaks | 4,618 | 636 | 0 | 441 | 754 | 786 | 498 | 467 | 222 | 257 | 145 | 308 | 104 |
| Other white oaks | 17,489 | 6,129 | 4,202 | 2,363 | 1,423 | 928 | 590 | 521 | 299 | 381 | 173 | 382 | 99 |
| Other red oaks | 35,425 | 14,763 | 2,842 | 3,460 | 3,196 | 2,576 | 2,424 | 1,385 | 1,425 | 967 | 775 | 1,299 | 313 |
| Hickories | 59,616 | 33,157 | 13,196 | 3,884 | 2,285 | 2,241 | 1,582 | 1,145 | 779 | 518 | 325 | 437 | 68 |
| Hard maples | 7,986 | 4,280 | 2,495 | 482 | 381 | 125 | 129 | 50 | 0 | 28 | 0 | 15 | 0 |
| Soft maples | 37,358 | 22,113 | 6,570 | 3,672 | 1,568 | 1,050 | 1,198 | 563 | 315 | 158 | 89 | 57 | 6 |
| Beech | 13,481 | 9,295 | 1,835 | 546 | 626 | 322 | 131 | 159 | 161 | 89 | 110 | 176 | 30 |
| Sweetgum | 70,704 | 33,469 | 13,315 | 6,999 | 5,282 | 3,927 | 2,719 | 1,867 | 1,499 | 771 | 353 | 413 | 89 |
| Tupelos-blackgums | 5,648 | 1,508 | 0 | 728 | 836 | 680 | 586 | 591 | 353 | 183 | 100 | 65 | 17 |
| Ashes | 38,138 | 21,773 | 3,908 | 3,777 | 2,271 | 1,848 | 1,242 | 913 | 861 | 657 | 357 | 421 | 110 |
| Cottonwood-aspen | 1,448 | 0 | 0 | 109 | 420 | 229 | 20 | 75 | 130 | 52 | 88 | 196 | 129 |
| Basswood | 3,692 | 3,107 | 0 | 105 | 154 | 95 | 131 | 26 | 19 | 29 | 13 | 8 | 5 |
| Yellow-poplar | 11,414 | 7,334 | 2,471 | 0 | 233 | 130 | 412 | 139 | 218 | 156 | 143 | 143 | 34 |
| Black walnut | 810 | 0 | 612 | 0 | 68 | 48 | 34 | 24 | 0 | 15 | 0 | 10 | 0 |
| Other hardwoods | 201,040 | 117,329 | 38,202 | 16,006 | 8,869 | 6,503 | 4,978 | 3,324 | 2,253 | 1,197 | 888 | 1,388 | 101 |
| Total hardwoods | 521,685 | 282,457 | 91,257 | 43,454 | 29,191 | 22,103 | 17,070 | 11,632 | 8,746 | 5,563 | 3,639 | 5,447 | 1,126 |
| Noncommercial | 83,108 | 57,535 | 14,527 | 6,411 | 2,799 | 1,143 | 415 | 155 | 86 | 26 | 11 | 0 | 0 |
| All species | 645,463 | 359,338 | 116,357 | 54,626 | 34,156 | 24,610 | 18,488 | 12,406 | 9,151 | 5,740 | 3,739 | 5,601 | 1,251 |

*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, Mississippi Delta 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 ----- | | | | | | | | | | | | | |
| Shortleaf-loblolly pines | 24,843 | 11,463 | 7,786 | 2,732 | 1,453 | 736 | 273 | 208 | 99 | 92 | 0 | 0 | 0 |
| Cypress | 2,614 | 457 | 0 | 144 | 245 | 254 | 599 | 372 | 201 | 36 | 59 | 153 | 92 |
| Other softwoods | 5,576 | 2,885 | 1,173 | 721 | 467 | 230 | 36 | 22 | 19 | 12 | 11 | 0 | 0 |
| Total softwoods | 33,033 | 14,805 | 8,960 | 3,597 | 2,166 | 1,220 | 908 | 601 | 319 | 140 | 70 | 153 | 92 |
| Select white oaks | 5,900 | 1,699 | 971 | 882 | 675 | 472 | 396 | 363 | 161 | 105 | 59 | 110 | 7 |
| Select red oaks | 3,759 | 0 | 0 | 441 | 754 | 741 | 365 | 467 | 205 | 257 | 132 | 293 | 104 |
| Other white oaks | 7,927 | 1,224 | 1,050 | 1,850 | 1,222 | 790 | 394 | 353 | 246 | 320 | 137 | 276 | 66 |
| Other red oaks | 18,254 | 1,809 | 1,767 | 2,821 | 2,479 | 2,340 | 1,812 | 1,148 | 1,222 | 880 | 703 | 1,038 | 235 |
| Hickories | 23,330 | 5,688 | 6,751 | 2,856 | 2,022 | 1,687 | 1,472 | 970 | 686 | 464 | 285 | 404 | 45 |
| Hard maples | 4,622 | 1,859 | 1,859 | 482 | 242 | 40 | 95 | 0 | 0 | 28 | 0 | 15 | 0 |
| Soft maples | 8,948 | 3,469 | 1,576 | 1,551 | 586 | 553 | 487 | 357 | 149 | 137 | 49 | 32 | 4 |
| Beech | 4,912 | 1,248 | 1,835 | 546 | 514 | 214 | 64 | 86 | 146 | 89 | 66 | 104 | 0 |
| Sweetgum | 39,937 | 12,907 | 6,495 | 5,448 | 4,573 | 3,567 | 2,338 | 1,651 | 1,433 | 732 | 330 | 379 | 84 |
| Tupelos-blackgums | 3,699 | 0 | 0 | 466 | 780 | 680 | 535 | 574 | 339 | 170 | 100 | 52 | 2 |
| Ashes | 14,564 | 2,756 | 2,123 | 2,849 | 1,641 | 1,305 | 877 | 803 | 769 | 627 | 324 | 390 | 101 |
| Cottonwood-aspen | 1,206 | 0 | 0 | 109 | 267 | 194 | 20 | 75 | 119 | 42 | 78 | 180 | 122 |
| Basswood | 1,171 | 612 | 0 | 105 | 154 | 95 | 131 | 0 | 19 | 29 | 13 | 8 | 5 |
| Yellow-poplar | 6,019 | 3,226 | 1,224 | 0 | 233 | 130 | 382 | 139 | 218 | 156 | 143 | 134 | 34 |
| Black walnut | 198 | 0 | 0 | 0 | 68 | 48 | 34 | 24 | 0 | 15 | 0 | 10 | 0 |
| Other hardwoods | 53,776 | 12,050 | 10,045 | 9,197 | 6,178 | 4,804 | 3,888 | 2,787 | 1,966 | 943 | 710 | 1,121 | 86 |
| Total hardwoods | 198,222 | 48,546 | 35,695 | 29,604 | 22,388 | 17,659 | 13,289 | 9,798 | 7,677 | 4,992 | 3,130 | 4,547 | 896 |
| All species | 231,254 | 63,351 | 44,655 | 33,201 | 24,554 | 18,879 | 14,197 | 10,399 | 7,996 | 5,132 | 3,200 | 4,700 | 989 |

*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, Mississippi Delta counties, 1994*

| Species | All classes | Diameter class (Inches at breast height) | | | | | | | | | |
|--------------------------------|-------------|--|-------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|-------|
| | | 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 ----- | | | | | | | | | | | |
| Shortleaf-loblolly pines | 36.1 | 5.5 | 5.6 | 8.2 | 3.8 | 5.6 | 3.2 | 4.2 | 0.0 | 0.0 | 0.0 |
| Cypress | 69.4 | 0.2 | 2.0 | 3.3 | 13.2 | 10.3 | 7.2 | 1.4 | 3.5 | 13.0 | 15.3 |
| Other softwoods | 9.3 | 2.0 | 2.7 | 2.3 | 0.4 | 0.3 | 0.7 | 0.4 | 0.6 | 0.0 | 0.0 |
| Total softwoods | 114.8 | 7.7 | 10.2 | 13.8 | 17.4 | 16.2 | 11.1 | 5.9 | 4.1 | 13.0 | 15.3 |
| Select white oaks | 55.8 | 2.3 | 3.8 | 5.9 | 8.0 | 10.5 | 6.1 | 4.1 | 3.8 | 10.0 | 1.3 |
| Select red oaks | 107.1 | 1.5 | 4.5 | 7.9 | 7.5 | 13.9 | 7.6 | 12.6 | 8.0 | 26.9 | 16.7 |
| Other white oaks | 86.6 | 4.4 | 5.9 | 7.7 | 5.9 | 7.8 | 6.6 | 12.0 | 5.9 | 20.8 | 9.6 |
| Other red oaks | 339.8 | 8.1 | 14.5 | 25.9 | 31.4 | 27.9 | 40.1 | 36.8 | 37.6 | 82.9 | 34.6 |
| Hickories | 201.7 | 6.7 | 11.0 | 11.1 | 28.7 | 26.4 | 26.1 | 24.1 | 16.3 | 36.8 | 8.0 |
| Hard maples | 7.6 | 1.0 | 1.4 | 0.7 | 2.0 | 0.0 | 0.0 | 1.3 | 0.0 | 1.2 | 0.0 |
| Soft maples | 41.3 | 3.0 | 3.5 | 5.5 | 6.8 | 8.0 | 4.8 | 4.6 | 2.8 | 2.0 | 0.4 |
| Beech | 32.2 | 1.3 | 3.2 | 2.2 | 1.0 | 2.3 | 5.4 | 4.1 | 4.0 | 8.1 | 0.0 |
| Sweetgum | 353.8 | 13.6 | 29.9 | 41.5 | 47.6 | 47.5 | 57.7 | 39.9 | 22.2 | 37.8 | 16.2 |
| Tupelos-blackgums | 64.6 | 0.9 | 4.3 | 6.9 | 9.1 | 14.5 | 11.9 | 6.9 | 5.7 | 3.5 | 0.3 |
| Ashes | 170.3 | 8.5 | 11.4 | 13.3 | 15.1 | 19.1 | 23.7 | 22.8 | 17.4 | 28.1 | 11.0 |
| Cottonwood-aspen | 63.8 | 0.2 | 1.4 | 1.8 | 0.3 | 1.6 | 3.5 | 1.8 | 5.4 | 18.4 | 29.3 |
| Basswood | 9.7 | 0.5 | 0.8 | 1.3 | 2.3 | 0.0 | 0.6 | 1.5 | 0.7 | 1.0 | 0.9 |
| Yellow-poplar | 64.7 | 0.0 | 1.4 | 1.4 | 7.0 | 4.1 | 8.6 | 9.2 | 11.0 | 14.5 | 7.5 |
| Black walnut | 3.8 | 0.0 | 0.5 | 0.5 | 0.6 | 0.6 | 0.0 | 0.9 | 0.0 | 0.6 | 0.0 |
| Other hardwoods | 482.8 | 22.6 | 37.3 | 51.4 | 64.7 | 65.2 | 61.2 | 40.0 | 42.8 | 86.2 | 11.6 |
| Total hardwoods | 2,085.6 | 14.7 | 134.8 | 191.5 | 238.5 | 249.5 | 264.0 | 222.6 | 183.5 | 379.2 | 147.4 |
| All species | 2,200.4 | 82.4 | 145.0 | 205.3 | 255.9 | 265.7 | 275.2 | 228.5 | 187.6 | 392.3 | 162.7 |

*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, Mississippi Delta 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 | 229.0 |
| ----- Million cubic feet ----- | | | | | | | | | |
| Shortleaf-loblolly pines | 20.1 | 6.3 | 3.0 | 4.8 | 2.5 | 3.3 | 0.0 | 0.0 | 0.0 |
| Cypress | 59.9 | 2.4 | 11.1 | 9.1 | 6.4 | 1.3 | 3.2 | 11.9 | 14.4 |
| Other softwoods | 3.9 | 1.8 | 0.3 | 0.2 | 0.6 | 0.3 | 0.6 | 0.0 | 0.0 |
| Total softwoods | 83.8 | 10.6 | 14.5 | 14.1 | 9.6 | 4.9 | 3.8 | 11.9 | 14.4 |
| Select white oaks | 34.6 | 0.0 | 6.1 | 8.1 | 4.9 | 3.6 | 3.1 | 8.3 | 0.5 |
| Select red oaks | 73.7 | 0.0 | 4.8 | 11.1 | 5.8 | 10.2 | 6.4 | 22.1 | 13.3 |
| Other white oaks | 55.1 | 0.0 | 4.7 | 6.1 | 5.4 | 9.3 | 4.5 | 16.8 | 8.3 |
| Other red oaks | 236.5 | 0.0 | 22.3 | 21.9 | 33.0 | 29.3 | 31.0 | 68.7 | 30.1 |
| Hickories | 134.5 | 0.0 | 20.8 | 20.7 | 21.2 | 20.2 | 13.9 | 30.8 | 7.0 |
| Hard maples | 3.2 | 0.0 | 1.3 | 0.0 | 0.0 | 1.2 | 0.0 | 0.6 | 0.0 |
| Soft maples | 22.2 | 0.0 | 4.8 | 6.0 | 3.7 | 3.1 | 2.5 | 1.7 | 0.4 |
| Beech | 19.1 | 0.0 | 0.7 | 1.8 | 4.0 | 3.1 | 3.4 | 6.1 | 0.0 |
| Sweetgum | 220.8 | 0.0 | 33.7 | 38.6 | 48.0 | 34.7 | 18.3 | 33.1 | 14.3 |
| Tupelos-blackgums | 42.1 | 0.0 | 5.6 | 11.1 | 10.6 | 6.3 | 5.2 | 3.0 | 0.3 |
| Ashes | 114.6 | 0.0 | 10.3 | 15.7 | 19.9 | 19.0 | 15.2 | 24.4 | 10.1 |
| Cottonwood-aspen | 53.2 | 0.0 | 0.2 | 1.3 | 3.0 | 1.6 | 5.0 | 16.2 | 25.8 |
| Basswood | 5.4 | 0.0 | 1.9 | 0.0 | 0.5 | 1.1 | 0.6 | 0.5 | 0.8 |
| Yellow-poplar | 52.5 | 0.0 | 4.9 | 3.2 | 7.4 | 8.3 | 9.5 | 12.7 | 6.5 |
| Black walnut | 2.0 | 0.0 | 0.5 | 0.4 | 0.0 | 0.7 | 0.0 | 0.4 | 0.0 |
| Other hardwoods | 299.4 | 0.0 | 45.6 | 48.6 | 50.0 | 33.0 | 37.0 | 74.9 | 10.3 |
| Total hardwoods | 1,369.1 | 0.0 | 168.5 | 194.7 | 217.5 | 184.9 | 155.6 | 320.4 | 127.6 |
| All species | 1,452.9 | 10.6 | 183.0 | 208.8 | 227.0 | 189.8 | 159.4 | 332.2 | 142.1 |

*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, Mississippi Delta 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 board feet----- | | | | | | | | | |
| Shortleaf-loblolly pines | 114.3 | 32.1 | 16.2 | 28.6 | 15.7 | 21.7 | 0.0 | 0.0 | 0.0 |
| Cypress | 353.2 | 12.4 | 63.8 | 54.3 | 40.3 | 8.2 | 20.6 | 71.6 | 82.1 |
| Other softwoods | 20.3 | 9.7 | 1.5 | 1.3 | 3.5 | 1.3 | 3.0 | 0.0 | 0.0 |
| Total softwoods | 487.8 | 54.1 | 81.5 | 84.3 | 59.5 | 31.2 | 23.6 | 71.6 | 82.1 |
| Select white oaks | 214.5 | 0.0 | 33.5 | 51.0 | 28.3 | 23.7 | 20.0 | 54.4 | 3.6 |
| Select red oaks | 473.0 | 0.0 | 26.8 | 67.2 | 36.1 | 63.6 | 40.6 | 149.0 | 89.8 |
| Other white oaks | 338.6 | 0.0 | 24.1 | 33.6 | 31.0 | 57.9 | 28.9 | 108.3 | 54.9 |
| Other red oaks | 1,466.8 | 0.0 | 121.1 | 127.3 | 199.8 | 178.4 | 198.8 | 444.9 | 196.4 |
| Hickories | 844.9 | 0.0 | 120.6 | 124.5 | 136.0 | 131.6 | 89.4 | 199.3 | 43.5 |
| Hard maples | 19.8 | 0.0 | 7.9 | 0.0 | 0.0 | 8.2 | 0.0 | 3.7 | 0.0 |
| Soft maples | 131.3 | 0.0 | 26.7 | 35.8 | 21.8 | 20.0 | 14.7 | 10.3 | 2.2 |
| Beech | 126.6 | 0.0 | 3.8 | 11.1 | 26.6 | 20.1 | 22.7 | 42.5 | 0.0 |
| Sweetgum | 1,351.3 | 0.0 | 192.7 | 231.2 | 293.3 | 217.3 | 119.9 | 211.3 | 85.6 |
| Tupelos-blackgums | 226.4 | 0.0 | 27.0 | 58.2 | 59.1 | 35.7 | 30.1 | 15.5 | 0.8 |
| Ashes | 654.2 | 0.0 | 55.3 | 89.9 | 116.3 | 108.9 | 90.8 | 140.8 | 52.2 |
| Cottonwood-aspens | 343.8 | 0.0 | 1.0 | 7.4 | 17.5 | 10.9 | 32.1 | 105.1 | 169.7 |
| Basswood | 34.4 | 0.0 | 11.8 | 0.0 | 3.1 | 7.0 | 3.6 | 4.1 | 4.8 |
| Yellow-poplar | 338.8 | 0.0 | 27.4 | 19.0 | 46.8 | 53.0 | 63.0 | 84.5 | 45.0 |
| Black walnut | 12.6 | 0.0 | 3.0 | 2.3 | 0.0 | 4.4 | 0.0 | 2.8 | 0.0 |
| Other hardwoods | 1,789.5 | 0.0 | 251.9 | 276.7 | 298.1 | 202.9 | 240.0 | 461.8 | 58.1 |
| Total hardwoods | 8,366.5 | 0.0 | 934.5 | 1,135.2 | 1,313.9 | 1,143.8 | 994.6 | 2,038.3 | 806.4 |
| All species | 8,854.3 | 54.1 | 1,016.0 | 1,219.4 | 1,373.4 | 1,175.0 | 1,018.2 | 2,109.8 | 888.4 |

*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, Mississippi Delta counties, 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----- | | | | | | | | | | | | |
| Bolivar | 127.7 | 0.0 | 0.0 | 3.0 | 88.9 | 35.7 | 575.3 | 0.0 | 0.0 | 15.3 | 413.8 | 146.2 |
| Coahoma | 124.8 | 0.0 | 0.0 | 8.9 | 68.8 | 47.1 | 508.4 | 0.0 | 0.0 | 46.2 | 250.8 | 211.4 |
| Holmes | 203.8 | 8.7 | 18.3 | 1.8 | 85.1 | 89.8 | 631.3 | 10.0 | 69.6 | 2.5 | 263.3 | 285.8 |
| Humphreys | 47.6 | 0.0 | 0.0 | 0.0 | 9.3 | 38.3 | 179.4 | 0.0 | 0.0 | 0.0 | 40.4 | 139.0 |
| Issaquena | 164.0 | 0.0 | 0.0 | 4.2 | 85.7 | 74.1 | 745.4 | 0.0 | 0.0 | 22.5 | 350.8 | 372.2 |
| Leflore | 101.4 | 0.0 | 0.0 | 7.6 | 28.7 | 65.0 | 379.5 | 0.0 | 0.0 | 43.9 | 91.9 | 243.6 |
| Quitman | 28.7 | 0.0 | 0.0 | 7.4 | 8.8 | 12.5 | 121.3 | 0.0 | 0.0 | 40.9 | 32.9 | 47.6 |
| Sharkey | 136.3 | 0.0 | 0.0 | 0.8 | 49.2 | 86.4 | 565.8 | 0.0 | 0.0 | 4.6 | 188.8 | 372.4 |
| Sunflower | 39.3 | 0.0 | 0.0 | 3.6 | 12.6 | 23.0 | 133.7 | 0.0 | 0.0 | 12.6 | 43.1 | 78.1 |
| Tallahatchie | 197.4 | 2.6 | 3.4 | 26.5 | 90.9 | 74.0 | 774.7 | 4.6 | 12.4 | 129.1 | 330.4 | 298.2 |
| Tunica | 68.2 | 0.0 | 0.0 | 2.0 | 36.7 | 29.5 | 262.3 | 0.0 | 0.0 | 6.9 | 148.1 | 107.3 |
| Warren | 530.1 | 0.0 | 1.7 | 2.2 | 264.6 | 261.6 | 2,444.5 | 0.0 | 10.5 | 4.0 | 1,208.2 | 1,221.7 |
| Washington | 97.8 | 0.0 | 0.0 | 5.8 | 60.2 | 31.8 | 406.1 | 0.0 | 0.0 | 31.8 | 243.3 | 131.0 |
| Yazoo | 333.4 | 0.0 | 1.3 | 4.8 | 156.9 | 170.3 | 1,126.6 | 0.0 | 7.1 | 13.2 | 526.2 | 580.1 |
| All counties | 2,200.4 | 11.3 | 24.8 | 78.7 | 1,046.5 | 1,039.1 | 8,854.3 | 14.7 | 99.6 | 373.5 | 4,132.0 | 4,234.5 |

*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, Mississippi Delta counties, 1994*

| Class of timber | All species | Softwood | | | Hardwood | |
|--------------------------------|-------------|----------|---------|-------|-------------------|-------------------|
| | | Pine | | | Soft [†] | Hard [‡] |
| | | Planted | Natural | Other | | |
| ----- Million cubic feet ----- | | | | | | |
| Sawtimber trees | | | | | | |
| Sawlog portion | 1,452.9 | 2.1 | 17.4 | 63.1 | 681.2 | 687.9 |
| Upper stem portion | 328.6 | 0.7 | 4.3 | 8.1 | 151.0 | 164.6 |
| Total | 1,781.5 | 3.4 | 21.6 | 71.8 | 832.1 | 852.6 |
| Poletimber trees | 418.9 | 7.9 | 3.2 | 6.9 | 214.4 | 186.5 |
| All growing-stock trees | 2,200.4 | 11.3 | 24.8 | 78.7 | 1,046.5 | 1,039.1 |
| Rough trees | | | | | | |
| Sawtimber size | 125.5 | 0.0 | 0.4 | 2.7 | 54.8 | 67.6 |
| Poletimber size | 107.8 | 0.8 | 0.0 | 0.9 | 39.0 | 67.1 |
| Total | 233.3 | 0.8 | 0.4 | 3.6 | 93.9 | 134.7 |
| Rotten trees | | | | | | |
| Sawtimber size | 58.9 | 0.0 | 0.0 | 3.4 | 18.0 | 37.5 |
| Poletimber size | 6.9 | 0.0 | 0.0 | 0.0 | 4.9 | 2.0 |
| Total | 65.8 | 0.0 | 0.0 | 3.4 | 23.0 | 39.5 |
| Salvable dead trees | | | | | | |
| Sawtimber size | 7.7 | 0.0 | 0.0 | 0.0 | 4.6 | 3.1 |
| Poletimber size | 2.6 | 0.0 | 0.0 | 0.0 | 1.5 | 1.1 |
| Total | 10.3 | 0.0 | 0.0 | 0.0 | 6.1 | 4.2 |
| All classes | 2,509.8 | 12.1 | 25.1 | 85.6 | 1,169.5 | 1,217.5 |

*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, Mississippi Delta counties, 1994*

| Ownership class | Live trees | | | | | | Growing stock | | | | | | |
|--------------------------------|-------------|----------|---------|-------|-------------------|-------------------|---------------|----------|---------|-------|-------------------|-------------------|--|
| | All species | Softwood | | | Hardwood | | | Softwood | | | Hardwood | | |
| | | Pine | | | Soft [†] | Hard [‡] | A l l species | Pine | | | Soft [†] | Hard [‡] | |
| | | Planted | Natural | Other | | | | Planted | Natural | Other | | | |
| ----- Million cubic feet ----- | | | | | | | | | | | | | |
| National forest | 96.9 | 0.0 | 0.0 | 0.8 | 24.9 | 71.3 | 87.6 | 0.0 | 0.0 | 0.8 | 21.3 | 65.5 | |
| Other public | 206.4 | 0.0 | 0.0 | 7.8 | 85.4 | 113.2 | 178.6 | 0.0 | 0.0 | 7.8 | 13.2 | 97.6 | |
| Forest industry | 352.1 | 4.6 | 0.9 | 3.9 | 189.3 | 153.4 | 322.1 | 4.6 | 0.9 | 3.9 | 170.7 | 142.6 | |
| Other private | 1,844.1 | 7.4 | 24.3 | 73.2 | 863.8 | 875.4 | 1,611.5 | 6.7 | 23.9 | 66.2 | 781.3 | 733.4 | |
| All ownerships | 2,499.5 | 12.1 | 25.1 | 85.6 | 1,163.4 | 1,213.3 | 2,200.4 | 11.3 | 24.8 | 18.7 | 1,046.5 | 1,039.1 | |

*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 18.—Average net annual growth of growing stock and sawtimber on timberland by county and species group, Mississippi Delta 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 ----- | | | | | | |
| Bolivar | 3.6 | 0.0 | 0.0 | 0.1 | 2.2 | 1.4 | 23.5 | 0.0 | 0.0 | 0.4 | 15.6 | 1.5 |
| Coahoma | 1.8 | 0.0 | 0.0 | 0.3 | 0.7 | 0.8 | 6.9 | 0.0 | 0.0 | 1.1 | 2.1 | 3.1 |
| Holmes | 7.2 | 1.9 | 1.2 | 0.0 | 1.8 | 2.3 | 29.4 | 3.9 | 8.3 | 0.0 | 10.5 | 6.6 |
| Humphreys | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 6.4 | 0.0 | 0.0 | 0.0 | 0.7 | 5.8 |
| Issaquena | 6.2 | 0.0 | 0.0 | 0.0 | 3.0 | 3.1 | 32.0 | 0.0 | 0.0 | 0.2 | 12.7 | 19.1 |
| Leflore | 4.5 | 0.0 | 0.0 | 0.0 | 1.5 | 3.0 | 21.8 | 0.0 | 0.0 | 0.0 | 8.4 | 13.3 |
| Quitman | 0.9 | 0.0 | 0.0 | 0.0 | 0.2 | 0.6 | 4.2 | 0.0 | 0.0 | 0.6 | 0.7 | 2.9 |
| Sharkey | 4.9 | 0.0 | 0.0 | 0.1 | 2.1 | 2.7 | 15.5 | 0.0 | 0.0 | 0.7 | 6.1 | 8.8 |
| Sunflower | 0.0 | 0.0 | 0.0 | 0.4 | -0.1 | -0.3 | 5.0 | 0.0 | 0.0 | 1.2 | 0.6 | 3.2 |
| Tallahatchie | 9.4 | 0.0 | 0.5 | 0.4 | 4.1 | 3.8 | 46.1 | 0.0 | 3.0 | 2.1 | 21.0 | 19.4 |
| Tunica | 1.2 | 0.0 | 0.0 | 0.1 | 0.4 | 0.7 | 4.1 | 0.0 | 0.0 | 0.3 | 0.9 | 2.9 |
| Warren | 19.5 | 0.0 | 0.1 | 0.2 | 8.3 | 11.0 | 97.7 | 0.0 | 0.7 | 0.1 | 39.7 | 57.2 |
| Washington | 3.3 | 0.0 | 0.0 | 0.0 | 2.4 | 0.9 | 17.3 | 0.0 | 0.0 | 0.2 | 11.9 | 5.2 |
| Yazoo | 8.8 | 0.0 | 0.1 | 0.1 | 3.1 | 4.9 | 33.2 | 0.0 | 0.9 | 1.0 | 21.4 | 9.9 |
| All counties | 72.5 | 1.9 | 1.9 | 1.6 | 31.0 | 36.0 | 343.1 | 3.9 | 13.0 | 9.0 | 152.3 | 164.8 |

*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, Mississippi Delta 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 ----- | | | | | | |
| Bolivar | 1.1 | 0.0 | 0.0 | 0.0 | 0.8 | 0.3 | 5.8 | 0.0 | 0.0 | 0.0 | 4.3 | 1.5 |
| Coahoma | 0.6 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 3.0 | 0.0 | 0.0 | 0.0 | 1.6 | 1.4 |
| Holmes | 20.4 | 2.8 | 5.8 | 0.0 | 4.1 | 7.7 | 76.0 | 11.7 | 21.1 | 0.0 | 13.8 | 29.3 |
| Humphreys | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Issaquena | 9.7 | 0.0 | 0.0 | 0.0 | 6.9 | 2.8 | 40.5 | 0.0 | 0.0 | 0.0 | 26.5 | 14.0 |
| Leflore | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 |
| Quitman | 0.1 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| Sharkey | 1.4 | 0.0 | 0.0 | 0.0 | 0.1 | 1.4 | 6.2 | 0.0 | 0.0 | 0.0 | 0.2 | 6.0 |
| Sunflower | 0.5 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 1.9 | 0.0 | 0.0 | 0.9 | 0.0 | 1.0 |
| Tallahatchie | 4.8 | 0.0 | 1.5 | 0.0 | 0.6 | 2.1 | 23.4 | 0.0 | 5.8 | 0.0 | 3.6 | 14.0 |
| Tunica | 0.7 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 3.9 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 |
| Warren | 8.7 | 0.0 | 1.1 | 0.0 | 4.4 | 3.2 | 47.5 | 0.0 | 6.8 | 0.0 | 22.6 | 18.1 |
| Washington | 3.4 | 0.0 | 0.0 | 0.0 | 2.1 | 0.6 | 15.4 | 0.0 | 0.0 | 0.0 | 12.3 | 3.2 |
| Yazoo | 15.1 | 0.0 | 0.0 | 0.3 | 5.6 | 9.1 | 71.2 | 0.0 | 0.0 | 1.0 | 28.1 | 42.1 |
| All counties | 66.6 | 2.8 | 8.3 | 0.6 | 26.2 | 28.7 | 296.7 | 11.7 | 33.7 | 2.1 | 116.9 | 132.2 |

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

| Species | Growth | Removals |
|--------------------------------|------------|----------|
| ----- Million cubic feet ----- | | |
| Yellow pines | 3.9 | 11.1 |
| Other softwoods | 1.6 | 0.6 |
| Total softwoods | 5.5 | 11.7 |
| Select white-red oaks | 8.6 | 7.9 |
| Other white-red oaks | 15.2 | 15.2 |
| Hickories | 4.0 | 2.4 |
| Hard maples | 0.1 | 0.2 |
| Sweetgum | 9.4 | 8.3 |
| Ashes-walnut-black cherry | 8.1 | 2.1 |
| Yellow-poplar | 3.3 | 1.6 |
| Other hardwoods | 18.3 | 17.1 |
| Total hardwoods | 67.1 | 54.9 |
| All species | 72.5 | 66.6 |

*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, Mississippi Delta counties, 1987-1994*

| Species | Growth | Removals |
|--------------------------------|--------|----------|
| ----- Million board feet ----- | | |
| Yellow pines | 16.9 | 45.4 |
| Other softwoods | 9.0 | 2.1 |
| Total softwoods | 26.0 | 47.6 |
| Select white-red oaks | 38.2 | 41.1 |
| Other white-red oaks | 68.4 | 68.9 |
| Hickories | 24.7 | 11.7 |
| Hard maples | 0.3 | 0.4 |
| Sweetgum | 54.8 | 36.0 |
| Ashes-walnut-black cherry | 30.5 | 7.4 |
| Yellow-poplar | 20.6 | 9.2 |
| Other hardwoods | 79.7 | 74.5 |
| Total hardwoods | 317.2 | 249.1 |
| All species | 343.1 | 296.7 |

*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, Mississippi Delta counties, 1987–1994*

| Species | Growing stock | Sawtimber |
|---------------------------|--------------------|--------------------|
| | Million cubic feet | Million board feet |
| Yellow pines | 0.8 | 1.5 |
| Other softwoods | 0.3 | 0.9 |
| Total softwoods | 1.2 | 2.4 |
| Select white-red oaks | 0.5 | 1.0 |
| Other white-red oaks | 5.0 | 19.3 |
| Hickories | 2.5 | 8.4 |
| Sweetgum | 4.2 | 9.8 |
| Ashes–walnut–black cherry | 1.3 | 3.9 |
| Yellow-poplar | 0.7 | 3.6 |
| Other hardwoods | 9.0 | 34.1 |
| Total hardwoods | 23.2 | 80.1 |
| All species | 24.4 | 82.5 |

*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, Mississippi Delta 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 | 2.8 | 0.0 | 0.0 | 0.1 | 1.3 | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.1 | 1.4 |
| Other public | 3.9 | 0.0 | 0.0 | 0.1 | 1.9 | 1.8 | 0.7 | 0.0 | 0.0 | 0.0 | 0.4 | 0.3 |
| Forest industry | 10.0 | 0.8 | 0.1 | 0.1 | 4.9 | 4.1 | 7.7 | 0.0 | 0.4 | 0.0 | 6.3 | 1.0 |
| Other private | 56.0 | 1.1 | 1.9 | 1.4 | 22.9 | 28.7 | 56.8 | 2.8 | 7.9 | 0.6 | 19.4 | 26.1 |
| All ownerships | 72.5 | 1.9 | 1.9 | 1.6 | 31.0 | 36.0 | 66.6 | 2.8 | 8.3 | 0.6 | 26.2 | 28.7 |

*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, Mississippi Delta 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 [‡] | |
| | | | | | | | | | | | | | Pine |
| --- Million board feet --- | | | | | | | | | | | | | |
| National forest | 8.8 | 0.0 | 0.0 | 0.7 | 4.1 | 4.1 | 6.2 | 0.0 | 0.0 | 0.0 | 0.2 | 6.0 | |
| Other public | 14.7 | 0.0 | 0.0 | 0.5 | 11.1 | 3.0 | 3.1 | 0.0 | 0.0 | 0.0 | 1.5 | 1.5 | |
| Forest industry | 46.4 | 0.0 | 0.5 | 0.5 | 23.1 | 22.2 | 34.4 | 0.0 | 1.4 | 0.0 | 27.4 | 5.6 | |
| Other private | 273.3 | 3.9 | 12.5 | 7.3 | 114.0 | 135.5 | 253.0 | 11.7 | 32.3 | 2.1 | 87.8 | 119.0 | |
| All ownerships | 343.1 | 3.9 | 13.0 | 9.0 | 152.3 | 164.8 | 296.7 | 11.7 | 33.7 | 2.1 | 116.9 | 132.2 | |

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

| Species | All grades | Grade 1 | Grade 2 | Grade 3 | Grade 4 | Grade 5 |
|----------------------------|------------|---------|---------|---------|---------|---------|
| --- Million board feet --- | | | | | | |
| Yellow pines | 114.3 | 4.4 | 11.3 | 96.6 | 0.0 | 2.0 |
| Cypress | 353.2 | 32.3 | 76.1 | 227.5 | 0.0 | 17.3 |
| Redcedars | 20.3 | 16.0 | 0.0 | 0.0 | 0.0 | 4.3 |
| Total softwoods | 487.8 | 52.6 | 87.4 | 324.1 | 0.0 | 23.6 |
| Select white-red oaks | 687.6 | 189.6 | 137.1 | 211.1 | 89.7 | 60.1 |
| Other white-red oaks | 1,805.4 | 289.6 | 437.5 | 590.7 | 393.5 | 94.1 |
| Hickories | 844.9 | 111.5 | 194.4 | 385.8 | 101.7 | 51.5 |
| Hard maples | 19.8 | 6.2 | 0.0 | 5.2 | 6.4 | 1.9 |
| Sweetgum | 1,351.3 | 299.6 | 349.1 | 511.5 | 105.0 | 86.0 |
| Tupelos and blackgums | 226.4 | 55.1 | 53.8 | 110.2 | 2.9 | 4.4 |
| Ashes-walnut-black cherry | 702.7 | 255.9 | 175.4 | 198.0 | 32.1 | 41.3 |
| Yellow-poplar | 338.8 | 80.4 | 63.8 | 132.0 | 46.0 | 16.5 |
| Other hardwoods | 2,389.7 | 382.6 | 468.8 | 964.4 | 392.3 | 181.6 |
| Total hardwoods | 8,366.5 | 1,670.6 | 1,880.1 | 3,108.8 | 1,169.7 | 537.3 |
| All species | 8,854.3 | 1,723.3 | 1,967.5 | 3,432.9 | 1,169.7 | 560.9 |

*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, Mississippi Delta 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 | 36.1 | 0.0 | 6.3 | 0.0 | 19.3 | 37.9 |
| 11-20 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 21-30 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 31-40 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 41-50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| >50 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mixed | 0.0 | 11.7 | 0.0 | 12.2 | 11.7 | 1,402.5 |
| Total | 42.0 | 11.7 | 6.3 | 12.2 | 31.0 | 1440.4 |

*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, Mississippi Delta 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> | | | | | | | |
| Bolivar | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.5 |
| Coahoma | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 8.4 | 0.5 |
| Holmes | 28.9 | 8.7 | 11.8 | 3.8 | 4.2 | 0.4 | 0.0 |
| Humphreys | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Issaquena | 4.2 | 0.0 | 0.0 | 0.0 | 0.0 | 4.2 | 0.0 |
| Leflore | 7.6 | 0.0 | 0.0 | 0.0 | 0.0 | 7.6 | 0.0 |
| Quitman | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 0.0 |
| Sharkey | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 |
| Sunflower | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 |
| Tallahatchie | 32.5 | 2.0 | 0.0 | 4.1 | 1.2 | 25.3 | 0.0 |
| Tunica | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 |
| Warren | 3.9 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 | 0.3 |
| Washington | 5.8 | 0.0 | 0.0 | 0.0 | 0.0 | 5.8 | 0.0 |
| Yazoo | 6.2 | 0.0 | 0.0 | 0.0 | 5.4 | 0.8 | 0.0 |
| All counties | 114.8 | 10.7 | 11.8 | 7.9 | 14.3 | 68.8 | 1.3 |

*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, Mississippi Delta counties, 1994*

| County | Total | Forest type group | | | | | |
|--------------------------------|---------|-------------------------|---------|----------|-------------|-----------------|--------------------|
| | | Loblolly-shortleaf pine | | Oak-pine | Oak-hickory | Oak-gum-cypress | Elm-ash-cottonwood |
| | | Planted | Natural | | | | |
| ----- Million cubic feet ----- | | | | | | | |
| Bolivar | 124.6 | 0.0 | 0.0 | 0.0 | 0.0 | 98.9 | 25.7 |
| Coahoma | 116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 104.2 | 11.7 |
| Holmes | 174.9 | 2.0 | 0.5 | 0.7 | 79.3 | 81.2 | 11.2 |
| Humphreys | 47.6 | 0.0 | 0.0 | 0.0 | 0.0 | 47.6 | 0.0 |
| Issaquena | 159.8 | 0.0 | 0.0 | 0.0 | 0.4 | 159.4 | 0.0 |
| Leflore | 93.8 | 0.0 | 0.0 | 0.0 | 0.0 | 93.8 | 0.0 |
| Quitman | 21.3 | 0.0 | 0.0 | 0.0 | 0.0 | 21.3 | 0.0 |
| Sharkey | 135.6 | 0.0 | 0.0 | 0.0 | 0.0 | 135.6 | 0.0 |
| Sunflower | 35.6 | 0.0 | 0.0 | 0.0 | 0.0 | 35.6 | 0.0 |
| Tallahatchie | 164.9 | 2.8 | 0.0 | 1.7 | 59.8 | 100.6 | 0.0 |
| Tunica | 66.2 | 0.0 | 0.0 | 0.0 | 0.0 | 66.2 | 0.0 |
| Warren | 526.2 | 0.0 | 0.0 | 0.0 | 294.1 | 177.2 | 54.8 |
| Washington | 92.1 | 0.0 | 0.0 | 0.0 | 0.0 | 73.9 | 18.1 |
| Yazoo | 327.2 | 0.0 | 0.0 | 0.0 | 221.3 | 105.9 | 0.0 |
| All counties | 2,085.6 | 4.8 | 0.5 | 2.4 | 654.9 | 1,301.5 | 121.6 |

*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, Mississippi Delta counties, 1994*

| County | Total | Forest type group | | | | | |
|--------------------------------|-------|-------------------------|---------|----------|-------------|-----------------|--------------------|
| | | Loblolly-shortleaf pine | | Oak-pine | Oak-hickory | Oak-gum-cypress | Elm-ash-cottonwood |
| | | Planted | Natural | | | | |
| ----- Million cubic feet ----- | | | | | | | |
| Bolivar | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 0.5 |
| Coahoma | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.0 | 0.4 |
| Holmes | 14.6 | 1.9 | 7.6 | 1.8 | 3.4 | 0.0 | 0.0 |
| Humphreys | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Issaquena | 4.1 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 0.0 |
| Leflore | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 |
| Quitman | 6.6 | 0.0 | 0.0 | 0.0 | 0.0 | 6.6 | 0.0 |
| Sharkey | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| Sunflower | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 |
| Tallahatchie | 24.7 | 0.8 | 0.0 | 2.4 | 1.0 | 20.5 | 0.0 |
| Tunica | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 0.0 |
| Warren | 2.4 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 | 0.2 |
| Washington | 5.3 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 0.0 |
| Yazoo | 3.5 | 0.0 | 0.0 | 0.0 | 2.8 | 0.7 | 0.0 |
| All counties | 83.8 | 2.7 | 7.6 | 4.2 | 9.3 | 59.0 | 1.1 |

*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, Mississippi Delta 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> ----- | | | | | | | |
| Bolivar | 92.2 | 0.0 | 0.0 | 0.0 | 0.0 | 72.3 | 20.0 |
| Coahoma | 19.3 | 0.0 | 0.0 | 0.0 | 0.0 | 70.8 | 8.4 |
| Holmes | 93.6 | 0.2 | 0.4 | 0.0 | 39.0 | 45.1 | 8.8 |
| Humphreys | 29.1 | 0.0 | 0.0 | 0.0 | 0.0 | 29.1 | 0.0 |
| Issaquena | 118.3 | 0.0 | 0.0 | 0.0 | 0.0 | 118.3 | 0.0 |
| Leflore | 54.2 | 0.0 | 0.0 | 0.0 | 0.0 | 54.2 | 0.0 |
| Quitman | 14.3 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 0.0 |
| Sharkey | 92.1 | 0.0 | 0.0 | 0.0 | 0.0 | 92.1 | 0.0 |
| Sunflower | 22.3 | 0.0 | 0.0 | 0.0 | 0.0 | 22.3 | 0.0 |
| Tallahatchie | 105.9 | 2.1 | 0.0 | 1.2 | 35.2 | 67.4 | 0.0 |
| Tunica | 44.9 | 0.0 | 0.0 | 0.0 | 0.0 | 44.9 | 0.0 |
| Warren | 383.0 | 0.0 | 0.0 | 0.0 | 212.1 | 127.5 | 43.4 |
| Washington | 64.0 | 0.0 | 0.0 | 0.0 | 0.0 | 49.4 | 14.6 |
| Yaz00 | 175.9 | 0.0 | 0.0 | 0.0 | 118.0 | 51.9 | 0.0 |
| All counties | 1,369.1 | 2.4 | 0.4 | 1.2 | 404.3 | 865.6 | 95.2 |

*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, Mississippi Delta counties, 1994**

| County | All classes | Growing stock | | Rough | | Rotten | |
|---------------------------------------|-------------|---------------|----------|----------|----------|----------|----------|
| | | Softwood | Hardwood | Softwood | Hardwood | Softwood | Hardwood |
| ----- <i>Million cubic feet</i> ----- | | | | | | | |
| Bolivar | 149.1 | 3.0 | 124.6 | 0.0 | 15.1 | 0.2 | 6.2 |
| Coahoma | 136.3 | 8.9 | 116.0 | 0.3 | 8.7 | 0.0 | 2.5 |
| Holmes | 253.4 | 28.9 | 174.9 | 1.5 | 43.8 | 0.0 | 4.3 |
| Humphreys | 56.2 | 0.0 | 41.6 | 0.0 | 6.2 | 0.0 | 2.4 |
| Issaquena | 183.7 | 4.2 | 159.8 | 0.7 | 12.5 | 1.4 | 5.1 |
| Leflore | 112.3 | 1.6 | 93.8 | 0.0 | 6.0 | 0.0 | 4.9 |
| Quitman | 33.1 | 7.4 | 21.3 | 0.5 | 3.4 | 0.0 | 1.0 |
| Sharkey | 149.8 | 0.8 | 135.6 | 0.0 | 8.5 | 0.0 | 5.1 |
| Sunflower | 50.3 | 3.6 | 35.6 | 0.0 | 9.0 | 1.8 | 0.2 |
| Tallahatchie | 214.1 | 32.5 | 164.9 | 1.0 | 12.0 | 0.0 | 3.7 |
| Tunica | 71.3 | 2.0 | 66.2 | 0.0 | 7.8 | 0.0 | 1.3 |
| Warren | 569.1 | 3.9 | 526.2 | 0.0 | 26.8 | 0.0 | 12.3 |
| Washington | 107.5 | 5.8 | 92.1 | 0.0 | 8.3 | 0.0 | 1.4 |
| Yaz00 | 406.6 | 6.2 | 327.2 | 0.7 | 60.4 | 0.0 | 12.2 |
| All counties | 2,499.5 | 114.8 | 2,085.6 | 4.1 | 228.6 | 3.4 | 62.4 |

*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, Mississippi Delta counties, 1994¹

| 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 |
| | -----Thousand trees----- | | | | | | | | | | | | |
| Shortleaf pine | 6,626 | 4,344 | 1,075 | 116 | 462 | 363 | 90 | 104 | 62 | 0 | 10 | 0 | 0 |
| Loblolly pine | 21,067 | 8,775 | 7,249 | 3,262 | 991 | 373 | 183 | 104 | 37 | 92 | 0 | 0 | 0 |
| Redcedars | 10,098 | 5,769 | 2,249 | 1,072 | 467 | 373 | 105 | 22 | 19 | 12 | 11 | 0 | 0 |
| Cypress | 2,879 | 457 | 0 | 311 | 245 | 254 | 626 | 390 | 201 | 48 | 67 | 153 | 125 |
| Total softwoods | 40,670 | 19,346 | 10,573 | 4,762 | 2,166 | 1,364 | 1,003 | 619 | 319 | 151 | 88 | 153 | 125 |
| Select white oaks | 12,816 | 7,563 | 1,607 | 882 | 824 | 613 | 396 | 384 | 213 | 105 | 79 | 132 | 18 |
| Select red oaks | 4,618 | 636 | 0 | 441 | 754 | 786 | 498 | 467 | 222 | 257 | 145 | 308 | 104 |
| Other white oaks | 17,489 | 6,129 | 4,202 | 2,363 | 1,423 | 928 | 590 | 521 | 299 | 381 | 173 | 382 | 99 |
| Other red oaks | 35,425 | 14,763 | 2,842 | 3,460 | 3,196 | 2,576 | 2,424 | 1,385 | 1,425 | 967 | 775 | 1,299 | 313 |
| Sweet pecan | 4,460 | 2,299 | 0 | 471 | 318 | 453 | 250 | 170 | 163 | 79 | 59 | 139 | 59 |
| Water hickory | 30,599 | 16,132 | 8,579 | 2,074 | 1,044 | 870 | 549 | 413 | 301 | 271 | 156 | 202 | 9 |
| Other hickories | 24,557 | 14,726 | 4,618 | 1,339 | 923 | 918 | 782 | 562 | 314 | 168 | 111 | 95 | 0 |
| Persimmon | 11,124 | 4,508 | 3,890 | 1,067 | 703 | 502 | 305 | 46 | 48 | 32 | 23 | 0 | 0 |
| Hard maples | 7,986 | 4,280 | 2,495 | 482 | 381 | 125 | 129 | 50 | 0 | 28 | 0 | 15 | 0 |
| Soft maples | 16,833 | 11,399 | 3,728 | 818 | 432 | 100 | 160 | 57 | 86 | 0 | 27 | 19 | 6 |
| Boxelder | 20,526 | 10,714 | 2,842 | 2,854 | 1,136 | 950 | 1,038 | 505 | 229 | 158 | 61 | 38 | 0 |
| Beech | 13,481 | 9,295 | 1,835 | 546 | 626 | 322 | 131 | 159 | 161 | 89 | 110 | 176 | 30 |
| Sweetgum | 70,704 | 33,469 | 13,315 | 6,999 | 5,282 | 3,927 | 2,719 | 1,867 | 1,499 | 771 | 353 | 413 | 89 |
| Blackgum | 1,182 | 538 | 0 | 0 | 202 | 233 | 55 | 36 | 33 | 49 | 0 | 36 | 0 |
| Other gums/tupelos | 4,466 | 971 | 0 | 728 | 634 | 448 | 531 | 555 | 320 | 134 | 100 | 29 | 17 |
| White ash | 6,756 | 4,158 | 1,075 | 453 | 202 | 185 | 209 | 120 | 167 | 10 | 91 | 80 | 6 |
| Other ashes | 31,382 | 17,615 | 2,833 | 3,324 | 2,069 | 1,663 | 1,033 | 793 | 694 | 647 | 266 | 341 | 104 |
| Sycamore | 5,442 | 2,488 | 636 | 487 | 453 | 142 | 246 | 224 | 211 | 183 | 71 | 276 | 25 |
| Cottonwoods | 1,448 | 0 | 0 | 109 | 420 | 229 | 20 | 75 | 130 | 52 | 88 | 196 | 129 |
| Basswoods | 3,692 | 3,107 | 0 | 105 | 154 | 95 | 131 | 26 | 19 | 29 | 13 | 8 | 5 |
| Yellow-poplar | 11,414 | 7,334 | 2,471 | 0 | 233 | 130 | 412 | 139 | 218 | 156 | 143 | 143 | 34 |
| Magnolias | 77 | 0 | 0 | 0 | 0 | 0 | 0 | 22 | 18 | 14 | 0 | 22 | 0 |
| Willow | 11,692 | 8,934 | 0 | 364 | 684 | 373 | 278 | 306 | 133 | 91 | 174 | 301 | 53 |
| Black walnut | 810 | 0 | 612 | 0 | 68 | 48 | 34 | 24 | 0 | 15 | 0 | 10 | 0 |
| Black cherry | 4,671 | 2,928 | 538 | 519 | 243 | 227 | 62 | 24 | 90 | 14 | 12 | 16 | 0 |
| American elm | 31,538 | 17,396 | 7,781 | 2,372 | 1,560 | 809 | 753 | 387 | 214 | 60 | 107 | 93 | 5 |
| Other elms | 34,498 | 28,164 | 2,756 | 1,766 | 370 | 464 | 252 | 240 | 184 | 92 | 67 | 139 | 4 |
| Hackberries | 54,761 | 24,333 | 10,590 | 5,958 | 3,697 | 3,199 | 2,546 | 1,795 | 1,188 | 608 | 390 | 448 | 9 |
| Black locust | 1,417 | 612 | 612 | 0 | 70 | 51 | 28 | 25 | 20 | 0 | 0 | 0 | 0 |
| Other locusts | 977 | 457 | 0 | 0 | 0 | 268 | 84 | 41 | 15 | 35 | 32 | 43 | 0 |
| Sassafras | 6,632 | 3,587 | 1,730 | 102 | 404 | 327 | 121 | 129 | 106 | 58 | 13 | 51 | 5 |
| Dogwood | 29,844 | 19,240 | 7,598 | 2,422 | 584 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Holly | 576 | 538 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other commercial | 7,793 | 4,144 | 2,072 | 949 | 102 | 142 | 265 | 84 | 25 | 10 | 0 | 0 | 0 |
| Total hardwoods | 521,685 | 282,457 | 91,257 | 43,454 | 29,191 | 22,103 | 17,070 | 11,632 | 8,746 | 5,563 | 3,639 | 5,447 | 1,126 |
| Noncommercial | 83,108 | 57,535 | 14,527 | 6,411 | 2,799 | 1,143 | 415 | 155 | 86 | 26 | 11 | 0 | 0 |
| All species | 645,463 | 359,338 | 116,357 | 54,626 | 34,156 | 24,610 | 18,488 | 12,406 | 9,151 | 5,740 | 3,739 | 5,601 | 1,251 |

¹Numbers 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, Mississippi Delta 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 | 229.0 |
| | -----Thousand trees----- | | | | | | | | | | |
| Shortleaf pine | 1,197 | 116 | 462 | 363 | 90 | 104 | 62 | 0 | 0 | 0 | 0 |
| Loblolly pine | 4,396 | 2,616 | 991 | 373 | 183 | 104 | 37 | 92 | 0 | 0 | 0 |
| Redcedars | 1,518 | 721 | 467 | 230 | 36 | 22 | 19 | 12 | 11 | 0 | 0 |
| Cypress | 2,157 | 144 | 245 | 254 | 599 | 372 | 201 | 36 | 59 | 153 | 92 |
| Total softwoods | 9,267 | 3,597 | 2,166 | 1,220 | 908 | 601 | 319 | 140 | 70 | 153 | 92 |
| Select white oaks | 3,229 | 882 | 675 | 472 | 396 | 363 | 161 | 105 | 59 | 110 | 7 |
| Select red oaks | 3,759 | 441 | 754 | 741 | 365 | 467 | 205 | 257 | 132 | 293 | 104 |
| Other white oaks | 5,654 | 1,850 | 1,222 | 790 | 394 | 353 | 246 | 320 | 137 | 276 | 66 |
| Other red oaks | 14,677 | 2,821 | 2,479 | 2,340 | 1,812 | 1,148 | 1,222 | 880 | 703 | 1,038 | 235 |
| Sweet pecan | 1,949 | 471 | 227 | 375 | 250 | 154 | 151 | 79 | 59 | 139 | 43 |
| Water hickory | 4,477 | 1,457 | 871 | 569 | 494 | 301 | 238 | 242 | 125 | 178 | 2 |
| Other hickories | 4,466 | 929 | 923 | 743 | 727 | 515 | 297 | 143 | 101 | 88 | 0 |
| Persimmon | 2,159 | 837 | 457 | 425 | 305 | 46 | 34 | 32 | 23 | 0 | 0 |
| Hard maples | 903 | 482 | 242 | 40 | 95 | 0 | 0 | 28 | 0 | 15 | 0 |
| Soft maples | 352 | 0 | 94 | 31 | 110 | 19 | 58 | 0 | 18 | 19 | 4 |
| Boxelder | 3,551 | 1,551 | 492 | 522 | 377 | 338 | 91 | 137 | 31 | 13 | 0 |
| Beech | 1,829 | 546 | 514 | 214 | 64 | 86 | 146 | 89 | 66 | 104 | 0 |
| Sweetgum | 20,535 | 5,448 | 4,573 | 3,567 | 2,338 | 1,651 | 1,433 | 732 | 330 | 379 | 84 |
| Blackgum | 538 | 0 | 146 | 233 | 26 | 36 | 33 | 36 | 0 | 28 | 0 |
| Other gums/tupelos | 3,161 | 466 | 634 | 448 | 509 | 537 | 306 | 134 | 100 | 24 | 2 |
| White ash | 1,184 | 276 | 129 | 185 | 209 | 100 | 128 | 10 | 68 | 73 | 6 |
| Other ashes | 8,501 | 2,572 | 1,513 | 1,120 | 668 | 703 | 641 | 616 | 256 | 318 | 95 |
| Sycamore | 2,165 | 487 | 391 | 142 | 246 | 184 | 211 | 170 | 63 | 251 | 22 |
| Cottonwoods | 1,206 | 109 | 267 | 194 | 20 | 75 | 119 | 42 | 78 | 180 | 122 |
| Basswoods | 559 | 105 | 154 | 95 | 131 | 0 | 19 | 29 | 13 | 8 | 5 |
| Yellow-poplar | 1,570 | 0 | 233 | 130 | 382 | 139 | 218 | 156 | 143 | 134 | 34 |
| Magnolias | 77 | 0 | 0 | 0 | 0 | 22 | 18 | 14 | 0 | 22 | 0 |
| Willow | 1,997 | 252 | 383 | 226 | 156 | 306 | 133 | 67 | 164 | 259 | 50 |
| Black walnut | 198 | 0 | 68 | 48 | 34 | 24 | 0 | 15 | 0 | 10 | 0 |
| Black cherry | 874 | 409 | 74 | 189 | 62 | 24 | 90 | 14 | 12 | 0 | 0 |
| American elm | 4,885 | 1,416 | 1,443 | 692 | 671 | 327 | 154 | 51 | 63 | 68 | 0 |
| Other elms | 2,342 | 999 | 260 | 273 | 226 | 214 | 167 | 80 | 39 | 85 | 0 |
| Hackbenies | 14,094 | 3,348 | 2,619 | 2,488 | 1,976 | 1,486 | 1,029 | 453 | 315 | 370 | 9 |
| Black locust | 124 | 0 | 0 | 51 | 28 | 25 | 20 | 0 | 0 | 0 | 0 |
| Other locusts | 175 | 0 | 0 | 0 | 62 | 23 | 15 | 21 | 32 | 22 | 0 |
| Sassafras | 1,080 | 102 | 345 | 274 | 98 | 110 | 71 | 30 | 0 | 45 | 5 |
| Dogwood | 1,384 | 1,180 | 204 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Other commercial | 326 | 168 | 0 | 45 | 59 | 19 | 25 | 10 | 0 | 0 | 0 |
| Total hardwoods | 113,981 | 29,604 | 22,388 | 17,659 | 13,289 | 9,798 | 7,677 | 4,992 | 3,130 | 4,547 | 896 |
| All species | 123,248 | 33,201 | 24,554 | 18,879 | 14,197 | 10,399 | 7,996 | 5,132 | 3,200 | 4,700 | 989 |

*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, Mississippi Delta counties, 1994*

| Species | All classes | Diameter class (Inches at breast height) | | | | | | | | | |
|--------------------------------|----------------|--|--------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|--------------|
| | | 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 ----- | | | | | | | | | | | |
| Shortleaf pine | 13.9 | 0.4 | 2.2 | 4.4 | 1.5 | 3.1 | 2.0 | 0.0 | 0.4 | 0.0 | 0.0 |
| Loblolly pine | 23.3 | 5.8 | 3.4 | 3.8 | 2.3 | 2.5 | 1.2 | 4.2 | 0.0 | 0.0 | 0.0 |
| Redcedars | 11.1 | 2.8 | 2.7 | 3.1 | 0.7 | 0.3 | 0.7 | 0.4 | 0.6 | 0.0 | 0.0 |
| Cypress | 74.5 | 0.3 | 2.0 | 3.3 | 13.5 | 10.5 | 7.2 | 1.7 | 3.8 | 13.0 | 19.2 |
| Total softwoods | 122.8 | 9.3 | 10.2 | 14.6 | 18.0 | 16.3 | 11.1 | 6.2 | 4.7 | 13.0 | 19.2 |
| Select white oaks | 60.8 | 2.3 | 4.6 | 6.4 | 8.0 | 11.0 | 6.9 | 4.1 | 4.3 | 11.1 | 2.1 |
| Select red oaks | 110.8 | 1.5 | 4.5 | 8.4 | 9.3 | 13.9 | 8.0 | 12.6 | 8.6 | 27.2 | 16.7 |
| Other white oaks | 104.6 | 5.2 | 6.9 | 8.5 | 8.2 | 10.6 | 7.8 | 13.4 | 6.6 | 25.6 | 11.7 |
| Other red oaks | 383.3 | 9.5 | 17.7 | 28.1 | 38.1 | 32.5 | 44.3 | 39.0 | 40.1 | 93.9 | 40.1 |
| Sweet pecan | 52.0 | 1.2 | 1.9 | 4.4 | 4.5 | 4.6 | 5.6 | 4.0 | 3.5 | 13.2 | 9.2 |
| Water hickory | 82.5 | 4.4 | 5.0 | 7.8 | 8.8 | 9.0 | 9.9 | 13.1 | 7.4 | 16.8 | 0.4 |
| Other hickories | 85.9 | 2.9 | 5.3 | 9.9 | 17.0 | 15.7 | 12.7 | 8.0 | 6.2 | 8.3 | 0.0 |
| Persimmon | 21.8 | 2.6 | 3.8 | 5.3 | 5.5 | 0.9 | 1.5 | 0.9 | 1.3 | 0.0 | 0.0 |
| Hard maples | 9.9 | 1.0 | 1.7 | 1.1 | 2.6 | 1.1 | 0.0 | 1.3 | 0.0 | 1.2 | 0.0 |
| Soft maples | 12.6 | 1.1 | 2.1 | 1.0 | 2.1 | 1.1 | 2.3 | 0.0 | 1.2 | 1.3 | 0.5 |
| Boxelder | 52.6 | 4.7 | 5.1 | 7.5 | 10.7 | 10.0 | 5.6 | 5.0 | 2.6 | 1.6 | 0.0 |
| Beech | 43.8 | 1.3 | 3.7 | 2.8 | 2.0 | 3.7 | 5.9 | 4.1 | 5.7 | 12.8 | 1.8 |
| Sweetgum | 376.1 | 16.3 | 32.4 | 44.3 | 52.9 | 51.3 | 58.9 | 41.2 | 22.8 | 39.6 | 16.3 |
| Blackgum | 10.3 | 0.0 | 1.3 | 2.1 | 0.6 | 0.8 | 1.0 | 1.6 | 0.0 | 2.9 | 0.0 |
| Other gums/tupelos | 56.9 | 1.4 | 3.2 | 4.9 | 9.4 | 14.0 | 10.9 | 5.7 | 5.7 | 1.0 | 0.7 |
| White ash | 30.3 | 0.9 | 1.6 | 1.8 | 4.7 | 3.0 | 5.5 | 0.5 | 5.5 | 6.1 | 0.8 |
| Other ashes | 159.9 | 9.6 | 13.5 | 15.0 | 14.9 | 17.5 | 19.9 | 22.7 | 13.1 | 22.9 | 10.7 |
| Sycamore | 64.3 | 1.7 | 3.3 | 1.6 | 5.5 | 5.7 | 7.9 | 9.2 | 3.9 | 22.1 | 3.3 |
| Cottonwoods | 66.6 | 0.2 | 1.9 | 2.0 | 0.3 | 1.6 | 3.7 | 2.1 | 5.8 | 19.1 | 30.0 |
| Basswoods | 10.0 | 0.5 | 0.8 | 1.3 | 2.3 | 0.3 | 0.6 | 1.5 | 0.7 | 1.0 | 0.9 |
| Yellow-poplar | 65.1 | 0.0 | 1.4 | 1.4 | 7.2 | 4.1 | 8.6 | 9.2 | 11.0 | 14.8 | 7.5 |
| Magnolias | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.6 | 1.0 | 0.0 | 1.6 | 0.0 |
| Willow | 75.3 | 1.1 | 2.6 | 3.2 | 3.3 | 6.6 | 3.7 | 4.5 | 14.7 | 27.3 | 8.2 |
| Black walnut | 3.8 | 0.0 | 0.5 | 0.5 | 0.6 | 0.6 | 0.0 | 0.9 | 0.0 | 0.6 | 0.0 |
| Black cherry | 12.1 | 1.2 | 0.9 | 2.5 | 1.3 | 0.7 | 3.7 | 0.8 | 0.8 | 0.2 | 0.0 |
| American elm | 58.6 | 4.1 | 9.8 | 7.7 | 11.2 | 8.3 | 6.1 | 2.1 | 4.0 | 5.2 | 0.2 |
| Other elms | 41.7 | 3.8 | 2.4 | 4.1 | 4.2 | 5.5 | 5.2 | 3.1 | 3.2 | 9.7 | 0.5 |
| Hackbenies | 238.2 | 15.0 | 18.5 | 32.0 | 38.4 | 37.6 | 33.7 | 20.6 | 17.9 | 23.8 | 0.8 |
| Black locust | 2.8 | 0.0 | 0.4 | 0.3 | 0.8 | 0.7 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 8.0 | 0.0 | 0.0 | 0.9 | 1.2 | 1.1 | 0.4 | 1.2 | 1.7 | 1.5 | 0.0 |
| Sassafras | 19.0 | 0.3 | 2.3 | 3.5 | 1.2 | 3.2 | 2.7 | 1.9 | 0.1 | 3.1 | 0.6 |
| Dogwood | 7.2 | 4.7 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Holly | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other commercial | 6.2 | 1.5 | 0.2 | 0.7 | 2.4 | 0.8 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 |
| Total hardwoods | 2,337.5 | 99.8 | 161.7 | 220.9 | 279.9 | 278.0 | 284.7 | 235.5 | 198.4 | 415.5 | 163.0 |
| Noncommercial | 39.2 | 13.0 | 10.3 | 8.3 | 3.6 | 2.0 | 1.0 | 0.3 | 0.7 | 0.0 | 0.0 |
| All species | 2,499.5 | 122.1 | 182.2 | 243.8 | 301.5 | 296.3 | 296.8 | 242.0 | 203.8 | 428.6 | 182.3 |

*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, Mississippi Delta 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 ----- | | | | | | | | | | |
| Shortleaf pine | 13.6 | 0.4 | 2.2 | 4.4 | 1.5 | 3.1 | 2.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Loblolly pine | 22.5 | 5.1 | 3.4 | 3.8 | 2.3 | 2.5 | 1.2 | 4.2 | 0.0 | 0.0 | 0.0 |
| Redcedars | 9.3 | 2.0 | 2.7 | 2.3 | 0.4 | 0.3 | 0.7 | 0.4 | 0.6 | 0.0 | 0.0 |
| Cypress | 69.4 | 0.2 | 2.0 | 3.3 | 13.2 | 10.3 | 7.2 | 1.4 | 3.5 | 13.0 | 15.3 |
| Total softwoods | 114.8 | 7.7 | 10.2 | 13.8 | 17.4 | 16.2 | 11.1 | 5.9 | 4.1 | 13.0 | 15.3 |
| Select white oaks | 55.8 | 2.3 | 3.8 | 5.9 | 8.0 | 10.5 | 6.1 | 4.1 | 3.8 | 10.0 | 1.3 |
| Select red oaks | 107.1 | 1.5 | 4.5 | 7.9 | 7.5 | 13.9 | 7.6 | 12.6 | 8.0 | 26.9 | 16.7 |
| Other white oaks | 86.6 | 4.4 | 5.9 | 7.7 | 5.9 | 7.8 | 6.6 | 12.0 | 5.9 | 20.8 | 9.6 |
| Other red oaks | 339.8 | 8.1 | 14.5 | 25.9 | 31.4 | 27.9 | 40.1 | 36.8 | 37.6 | 82.9 | 34.6 |
| Sweet pecan | 48.8 | 1.2 | 1.3 | 4.1 | 4.5 | 4.3 | 5.2 | 4.0 | 3.5 | 13.2 | 7.6 |
| Water hickory | 71.3 | 3.1 | 4.3 | 5.0 | 8.1 | 7.1 | 8.5 | 12.4 | 6.9 | 15.6 | 0.3 |
| Other hickories | 81.5 | 2.5 | 5.3 | 8.6 | 16.0 | 15.0 | 12.4 | 7.7 | 5.9 | 8.1 | 0.0 |
| Persimmon | 19.6 | 2.1 | 3.0 | 4.8 | 5.5 | 0.9 | 1.1 | 0.9 | 1.3 | 0.0 | 0.0 |
| Hard maples | 7.6 | 1.0 | 1.4 | 0.7 | 2.0 | 0.0 | 0.0 | 1.3 | 0.0 | 1.2 | 0.0 |
| Soft maples | 7.7 | 0.0 | 0.6 | 0.3 | 1.8 | 0.4 | 1.9 | 0.0 | 1.0 | 1.3 | 0.4 |
| Boxelder | 33.6 | 3.0 | 2.9 | 5.2 | 4.9 | 7.6 | 2.9 | 4.6 | 1.9 | 0.7 | 0.0 |
| Beech | 32.2 | 1.3 | 3.2 | 2.2 | 1.0 | 2.3 | 5.4 | 4.1 | 4.0 | 8.7 | 0.0 |
| Sweetgum | 353.8 | 13.6 | 29.9 | 41.5 | 47.6 | 47.5 | 57.7 | 39.9 | 22.2 | 37.8 | 16.2 |
| Blackgum | 9.1 | 0.0 | 1.1 | 2.1 | 0.5 | 0.8 | 1.0 | 1.2 | 0.0 | 2.5 | 0.0 |
| Other gums/tupelos | 55.5 | 0.9 | 3.2 | 4.9 | 9.2 | 13.8 | 10.8 | 5.7 | 5.7 | 1.0 | 0.3 |
| White ash | 27.8 | 0.5 | 1.1 | 1.8 | 4.7 | 2.8 | 5.0 | 0.5 | 4.7 | 5.8 | 0.8 |
| Other ashes | 142.6 | 8.0 | 10.3 | 11.5 | 10.4 | 16.2 | 18.7 | 22.3 | 12.7 | 22.3 | 10.2 |
| Sycamore | 61.4 | 1.7 | 3.0 | 1.6 | 5.5 | 4.9 | 7.9 | 8.9 | 3.7 | 21.5 | 2.7 |
| Cottonwoods | 63.8 | 0.2 | 1.4 | 1.8 | 0.3 | 1.6 | 3.5 | 1.8 | 5.4 | 18.4 | 29.3 |
| Basswoods | 9.7 | 0.5 | 0.8 | 1.3 | 2.3 | 0.0 | 0.6 | 1.5 | 0.7 | 1.0 | 0.9 |
| Yellow-poplar | 64.7 | 0.0 | 1.4 | 1.4 | 7.0 | 4.1 | 8.6 | 9.2 | 11.0 | 14.5 | 7.5 |
| Magnolias | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.6 | 1.0 | 0.0 | 1.6 | 0.0 |
| Willow | 70.3 | 0.8 | 1.9 | 2.2 | 2.5 | 6.6 | 3.7 | 4.2 | 14.7 | 26.0 | 7.5 |
| Black walnut | 3.8 | 0.0 | 0.5 | 0.5 | 0.6 | 0.6 | 0.0 | 0.9 | 0.0 | 0.6 | 0.0 |
| Black cherry | 10.9 | 1.1 | 0.5 | 2.1 | 1.3 | 0.7 | 3.7 | 0.8 | 0.8 | 0.0 | 0.0 |
| American elm | 50.9 | 2.6 | 9.1 | 7.3 | 10.2 | 7.6 | 4.6 | 1.9 | 3.0 | 4.5 | 0.0 |
| Other elms | 32.7 | 2.4 | 1.8 | 2.6 | 4.1 | 5.0 | 5.1 | 2.9 | 1.9 | 6.8 | 0.0 |
| Hackberries | 202.0 | 8.5 | 14.8 | 27.2 | 31.9 | 34.1 | 30.7 | 17.1 | 15.6 | 21.5 | 0.8 |
| Black locust | 2.4 | 0.0 | 0.0 | 0.3 | 0.8 | 0.7 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 6.1 | 0.0 | 0.0 | 0.0 | 0.9 | 0.8 | 0.4 | 1.0 | 1.7 | 1.2 | 0.0 |
| Sassafras | 16.5 | 0.3 | 2.2 | 2.8 | 1.1 | 3.0 | 2.2 | 1.2 | 0.0 | 3.0 | 0.6 |
| Dogwood | 3.6 | 2.6 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other commercial | 2.6 | 0.4 | 0.0 | 0.5 | 0.8 | 0.3 | 0.5 | 0.1 | 0.0 | 0.0 | 0.0 |
| Total hardwoods | 2,085.6 | 74.7 | 134.8 | 191.5 | 238.5 | 249.5 | 264.0 | 222.6 | 183.5 | 379.2 | 147.4 |
| All species | 2,200.4 | 82.4 | 145.0 | 205.3 | 255.9 | 265.7 | 275.2 | 228.5 | 187.6 | 392.3 | 162.7 |

*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, Mississippi Delta 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 ----- | | | | | | | | |
| Shortleaf pine | 8.6 | 3.4 | 1.2 | 2.6 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| Loblolly pine | 11.5 | 3.0 | 1.9 | 2.2 | 1.1 | 3.3 | 0.0 | 0.0 | 0.0 |
| Redcedars | 3.9 | 1.8 | 0.3 | 0.2 | 0.6 | 0.3 | 0.6 | 0.0 | 0.0 |
| Cypress | 59.9 | 2.4 | 11.1 | 9.1 | 6.4 | 1.3 | 3.2 | 11.9 | 14.4 |
| Total softwoods | 83.8 | 10.6 | 14.5 | 14.1 | 9.6 | 4.9 | 3.8 | 11.9 | 14.4 |
| Select white oaks | 34.6 | 0.0 | 6.1 | 8.1 | 4.9 | 3.6 | 3.1 | 8.3 | 0.5 |
| Select red oaks | 73.7 | 0.0 | 4.8 | 11.1 | 5.8 | 10.2 | 6.4 | 22.1 | 13.3 |
| Other white oaks | 55.1 | 0.0 | 4.7 | 6.1 | 5.4 | 9.3 | 4.5 | 16.8 | 8.3 |
| Other red oaks | 236.5 | 0.0 | 22.3 | 21.9 | 33.0 | 29.3 | 31.0 | 68.7 | 30.1 |
| Sweet pecan | 35.6 | 0.0 | 3.4 | 3.5 | 4.2 | 3.4 | 2.9 | 11.6 | 6.7 |
| Water hickory | 46.7 | 0.0 | 5.8 | 5.3 | 6.8 | 10.5 | 5.7 | 12.3 | 0.3 |
| Other hickories | 52.2 | 0.0 | 11.6 | 11.9 | 10.2 | 6.3 | 5.3 | 6.8 | 0.0 |
| Persimmon | 7.1 | 0.0 | 3.6 | 0.7 | 0.9 | 0.7 | 1.1 | 0.0 | 0.0 |
| Hard maples | 3.2 | 0.0 | 1.3 | 0.0 | 0.0 | 1.2 | 0.0 | 0.6 | 0.0 |
| Soft maples | 5.7 | 0.0 | 1.3 | 0.4 | 1.5 | 0.0 | 0.9 | 1.1 | 0.4 |
| Boxelder | 16.6 | 0.0 | 3.5 | 5.6 | 2.2 | 3.1 | 1.6 | 0.6 | 0.0 |
| Beech | 19.1 | 0.0 | 0.7 | 1.8 | 4.0 | 3.1 | 3.4 | 6.1 | 0.0 |
| Sweetgum | 220.8 | 0.0 | 33.7 | 38.6 | 48.0 | 34.7 | 18.3 | 33.1 | 14.3 |
| Blackgum | 5.0 | 0.0 | 0.4 | 0.6 | 0.9 | 1.0 | 0.0 | 2.1 | 0.0 |
| Other gums/tupelos | 37.1 | 0.0 | 5.2 | 10.5 | 9.7 | 5.3 | 5.2 | 0.9 | 0.3 |
| White ash | 19.1 | 0.0 | 3.4 | 2.3 | 3.9 | 0.5 | 3.6 | 4.8 | 0.6 |
| Other ashes | 95.5 | 0.0 | 6.9 | 13.4 | 16.0 | 18.6 | 11.5 | 19.6 | 9.5 |
| Sycamore | 45.9 | 0.0 | 3.6 | 3.9 | 6.8 | 7.0 | 3.4 | 18.9 | 2.3 |
| Cottonwoods | 53.2 | 0.0 | 0.2 | 1.3 | 3.0 | 1.6 | 5.0 | 16.2 | 25.8 |
| Basswoods | 5.4 | 0.0 | 1.9 | 0.0 | 0.5 | 1.1 | 0.6 | 0.5 | 0.8 |
| Yellow-poplar | 52.5 | 0.0 | 4.9 | 3.2 | 7.4 | 8.3 | 9.5 | 12.7 | 6.5 |
| Magnolias | 3.3 | 0.0 | 0.0 | 0.5 | 0.5 | 0.9 | 0.0 | 1.5 | 0.0 |
| Willow | 57.0 | 0.0 | 2.0 | 5.2 | 3.0 | 3.6 | 13.0 | 23.1 | 7.0 |
| Black walnut | 2.0 | 0.0 | 0.5 | 0.4 | 0.0 | 0.7 | 0.0 | 0.4 | 0.0 |
| Black cherry | 5.5 | 0.0 | 1.2 | 0.4 | 2.9 | 0.6 | 0.5 | 0.0 | 0.0 |
| American elm | 24.3 | 0.0 | 7.2 | 5.3 | 3.9 | 1.6 | 2.6 | 3.7 | 0.0 |
| Other elms | 21.0 | 0.0 | 3.2 | 4.0 | 3.9 | 2.5 | 1.8 | 5.6 | 0.0 |
| Hackberries | 118.8 | 0.0 | 22.2 | 25.2 | 25.0 | 14.2 | 13.1 | 18.6 | 0.6 |
| Black locust | 1.3 | 0.0 | 0.5 | 0.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 4.9 | 0.0 | 0.7 | 0.6 | 0.3 | 0.9 | 1.4 | 1.0 | 0.0 |
| Sassafras | 9.0 | 0.0 | 0.8 | 2.4 | 1.8 | 1.0 | 0.0 | 2.5 | 0.5 |
| Other commercial | 1.2 | 0.0 | 0.5 | 0.2 | 0.4 | 0.1 | 0.0 | 0.0 | 0.0 |
| Total hardwoods | 1,369.1 | 0.0 | 168.5 | 194.7 | 217.5 | 184.9 | 155.6 | 320.4 | 127.6 |
| All species | 1,452.9 | 10.6 | 183.0 | 208.8 | 227.0 | 189.8 | 159.4 | 332.2 | 142.1 |

*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, Mississippi Delta counties, 1994**

| Species | All live | Growing stock | Rough | Rotten |
|--------------------------------|----------------|----------------|--------------|-------------|
| ----- Million cubic feet ----- | | | | |
| Shortleaf pine | 13.9 | 13.6 | 0.4 | 0.0 |
| Loblolly pine | 23.3 | 22.5 | 0.8 | 0.0 |
| Redcedars | 11.1 | 9.3 | 1.9 | 0.0 |
| Cypress | 74.5 | 69.4 | 1.7 | 3.4 |
| Total softwoods | 122.8 | 114.8 | 4.7 | 3.4 |
| Select white oaks | 60.8 | 55.8 | 2.6 | 2.4 |
| Select red oaks | 110.8 | 107.1 | 2.8 | 0.9 |
| Other white oaks | 104.6 | 86.6 | 12.2 | 5.9 |
| Other red oaks | 383.3 | 339.8 | 30.2 | 13.3 |
| Sweet pecan | 52.0 | 48.8 | 2.5 | 0.6 |
| Water hickory | 82.5 | 71.3 | 8.1 | 3.1 |
| Other hickories | 85.9 | 81.5 | 3.6 | 0.8 |
| Persimmon | 21.8 | 19.6 | 2.3 | 0.0 |
| Hard maples | 9.9 | 7.6 | 1.8 | 0.6 |
| Soft maples | 12.6 | 7.7 | 4.5 | 0.4 |
| Boxelder | 52.6 | 33.6 | 15.4 | 3.6 |
| Beech | 43.8 | 32.2 | 3.8 | 7.8 |
| Sweetgum | 376.1 | 353.8 | 17.3 | 5.0 |
| Blackgum | 10.3 | 9.1 | 1.1 | 0.0 |
| Other gums/tupelos | 56.9 | 55.5 | 0.7 | 0.7 |
| White ash | 30.3 | 27.8 | 2.0 | 0.5 |
| Other ashes | 159.9 | 142.6 | 15.6 | 1.8 |
| Sycamore | 64.3 | 61.4 | 2.6 | 0.2 |
| Cottonwoods | 66.6 | 63.8 | 1.6 | 1.2 |
| Basswoods | 10.0 | 9.7 | 0.3 | 0.0 |
| Yellow-poplar | 65.1 | 64.7 | 0.0 | 0.4 |
| Magnolias | 4.0 | 4.0 | 0.0 | 0.0 |
| Willow | 75.3 | 70.3 | 3.9 | 1.1 |
| Black walnut | 3.8 | 3.8 | 0.0 | 0.0 |
| Black cherry | 12.1 | 10.9 | 0.8 | 0.4 |
| American elm | 58.6 | 50.9 | 6.1 | 1.6 |
| Other elms | 41.7 | 32.7 | 7.5 | 1.5 |
| Hackbenies | 238.2 | 202.0 | 30.8 | 5.4 |
| Black locust | 2.8 | 2.4 | 0.4 | 0.0 |
| Other locusts | 8.0 | 6.1 | 1.2 | 0.7 |
| Sassafras | 19.0 | 16.5 | 1.1 | 1.4 |
| Dogwood | 7.2 | 3.6 | 3.6 | 0.0 |
| Holly | 0.5 | 0.0 | 0.5 | 0.0 |
| Other conunercial | 6.2 | 2.6 | 2.6 | 1.1 |
| Total hardwoods | 2,337.5 | 2,085.6 | 189.4 | 62.4 |
| Noncommercial | 39.2 | 0.0 | 39.2 | 0.0 |
| All species | 2,499.5 | 2,200.4 | 233.3 | 65.8 |

*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, Mississippi Delta 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 ----- | | | | | | | | |
| Shortleaf pine | 4.4 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Redcedars | 16.0 | 9.7 | 1.5 | 1.3 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cypress | 32.3 | 0.0 | 0.0 | 3.5 | 0.0 | 6.7 | 3.4 | 10.0 | 8.7 |
| Total softwoods | 52.6 | 9.7 | 1.5 | 9.2 | 3.5 | 6.7 | 3.4 | 10.0 | 8.7 |
| Select white oaks | 20.4 | 0.0 | 0.0 | 0.0 | 7.1 | 2.8 | 0.0 | 10.6 | 0.0 |
| Select red oaks | 169.1 | 0.0 | 0.0 | 0.0 | 2.3 | 15.2 | 15.7 | 96.7 | 39.1 |
| Other white oaks | 78.7 | 0.0 | 0.0 | 0.0 | 0.0 | 12.8 | 5.4 | 32.2 | 28.4 |
| Other red oaks | 210.9 | 0.0 | 0.0 | 0.0 | 5.6 | 15.9 | 28.6 | 112.5 | 48.3 |
| Sweet pecan | 34.7 | 0.0 | 0.0 | 0.0 | 0.0 | 8.7 | 8.7 | 9.0 | 8.3 |
| Water hickory | 34.4 | 0.0 | 0.0 | 0.0 | 3.0 | 10.5 | 9.1 | 11.7 | 0.0 |
| Other hickories | 42.5 | 0.0 | 0.0 | 0.0 | 7.7 | 15.2 | 10.3 | 9.2 | 0.0 |
| Persimmon | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.1 | 4.3 | 0.0 | 0.0 |
| Hard maples | 6.2 | 0.0 | 0.0 | 0.0 | 0.0 | 6.2 | 0.0 | 0.0 | 0.0 |
| Boxelder | 3.5 | 0.0 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.6 | 0.0 |
| Sweetgum | 299.6 | 0.0 | 0.0 | 0.0 | 27.6 | 51.9 | 40.3 | 115.1 | 64.7 |
| Blackgum | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 2.0 | 0.0 |
| Other gums/tupelos | 49.4 | 0.0 | 0.0 | 0.0 | 16.3 | 11.1 | 22.0 | 0.0 | 0.0 |
| White ash | 58.7 | 0.0 | 0.0 | 0.0 | 12.8 | 2.9 | 14.4 | 24.2 | 4.4 |
| Other ashes | 179.3 | 0.0 | 0.0 | 0.0 | 16.3 | 40.6 | 38.2 | 63.6 | 20.6 |
| Sycamore | 94.1 | 0.0 | 0.0 | 0.0 | 7.4 | 20.2 | 11.3 | 55.2 | 0.0 |
| Cottonwoods | 197.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 59.4 | 134.8 |
| Basswoods | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 |
| Yellow-poplar | 80.4 | 0.0 | 0.0 | 0.0 | 3.7 | 26.9 | 17.4 | 15.9 | 16.6 |
| Willow | 31.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.9 | 19.0 | 0.0 |
| Black walnut | 2.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.8 | 0.0 |
| Black cherry | 15.1 | 0.0 | 0.0 | 0.0 | 15.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| American elm | 8.6 | 0.0 | 0.0 | 0.0 | 1.9 | 0.0 | 2.0 | 4.7 | 0.0 |
| Other elms | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 |
| Hackberries | 34.6 | 0.0 | 0.0 | 0.0 | 8.8 | 3.9 | 16.3 | 5.7 | 0.0 |
| Total hardwoods | 1,670.6 | 0.0 | 0.0 | 0.0 | 137.6 | 250.5 | 263.8 | 653.6 | 365.2 |
| All species | 1,723.3 | 9.7 | 1.5 | 9.2 | 141.1 | 257.1 | 267.1 | 663.6 | 374.0 |

*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, Mississippi Delta 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 board feet ----- | | | | | | | | | |
| Shortleaf pine | 8.9 | 0.0 | 1.9 | 7.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Loblolly pine | 2.4 | 2.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Cypress | 76.1 | 0.0 | 21.5 | 19.4 | 4.6 | 0.0 | 2.2 | 5.0 | 23.3 |
| Total softwoods | 87.4 | 2.4 | 23.4 | 26.4 | 4.6 | 0.0 | 2.2 | 5.0 | 23.3 |
| Select white oaks | 45.4 | 0.0 | 0.0 | 7.1 | 2.8 | 7.5 | 0.0 | 28.1 | 0.0 |
| Select red oaks | 91.7 | 0.0 | 0.0 | 15.1 | 19.8 | 25.0 | 7.6 | 20.7 | 3.5 |
| Other white oaks | 73.4 | 0.0 | 0.0 | 15.9 | 14.8 | 9.2 | 5.6 | 25.5 | 2.4 |
| Other red oaks | 364.1 | 0.0 | 0.0 | 24.7 | 53.6 | 38.4 | 66.8 | 118.3 | 62.3 |
| Sweet pecan | 50.7 | 0.0 | 0.0 | 7.3 | 14.4 | 5.4 | 2.8 | 8.0 | 12.8 |
| Water hickory | 56.3 | 0.0 | 0.0 | 12.1 | 13.6 | 4.6 | 3.0 | 23.0 | 0.0 |
| Other hickories | 87.4 | 0.0 | 0.0 | 30.8 | 32.3 | 9.8 | 14.6 | 0.0 | 0.0 |
| Persimmon | 7.6 | 0.0 | 0.0 | 2.0 | 3.3 | 0.0 | 2.4 | 0.0 | 0.0 |
| Soft maples | 4.3 | 0.0 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 2.2 |
| Boxelder | 6.8 | 0.0 | 0.0 | 5.3 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 |
| Sweetgum | 349.1 | 0.0 | 0.0 | 92.4 | 115.5 | 70.8 | 28.9 | 41.4 | 0.0 |
| Blackgum | 8.6 | 0.0 | 0.0 | 0.0 | 2.6 | 2.1 | 0.0 | 3.9 | 0.0 |
| Other gums/tupelos | 45.2 | 0.0 | 0.0 | 31.8 | 10.1 | 3.4 | 0.0 | 0.0 | 0.0 |
| White ash | 24.7 | 0.0 | 0.0 | 11.5 | 9.0 | 0.0 | 4.2 | 0.0 | 0.0 |
| Other ashes | 139.2 | 0.0 | 0.0 | 43.2 | 44.6 | 20.5 | 13.9 | 14.8 | 2.3 |
| Sycamore | 83.2 | 0.0 | 0.0 | 18.0 | 11.5 | 14.4 | 3.0 | 32.5 | 3.9 |
| Cottonwoods | 66.5 | 0.0 | 0.0 | 3.3 | 12.2 | 0.0 | 20.6 | 15.4 | 14.9 |
| Basswoods | 4.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.8 |
| Yellow-poplar | 63.8 | 0.0 | 0.0 | 2.5 | 7.5 | 8.8 | 22.8 | 15.9 | 6.2 |
| Magnolias | 11.6 | 0.0 | 0.0 | 3.1 | 2.8 | 5.8 | 0.0 | 0.0 | 0.0 |
| Willow | 109.2 | 0.0 | 0.0 | 3.2 | 3.7 | 5.3 | 41.1 | 54.3 | 1.6 |
| Black walnut | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 |
| Black cherry | 7.1 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.3 | 0.0 | 0.0 |
| American elm | 25.3 | 0.0 | 0.0 | 7.6 | 3.4 | 4.1 | 8.7 | 1.5 | 0.0 |
| Other elms | 37.6 | 0.0 | 0.0 | 7.1 | 13.7 | 5.0 | 3.7 | 8.1 | 0.0 |
| Hackberries | 91.4 | 0.0 | 0.0 | 18.3 | 25.9 | 17.0 | 14.9 | 15.3 | 0.0 |
| Black locust | 3.2 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 6.9 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 3.1 | 0.0 |
| Sassafras | 10.5 | 0.0 | 0.0 | 4.9 | 5.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total hardwoods | 1,880.1 | 0.0 | 0.0 | 371.1 | 431.6 | 263.0 | 267.8 | 429.9 | 116.7 |
| All species | 1,967.5 | 2.4 | 23.4 | 397.5 | 436.2 | 263.0 | 270.1 | 434.9 | 140.1 |

*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, Mississippi Delta 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.&28.9 | ≥29.0 |
| ----- Million board feet ----- | | | | | | | | | |
| Shortleaf pine | 35.5 | 17.5 | 4.6 | 4.6 | 8.7 | 0.0 | 0.0 | 0.0 | 0.0 |
| Loblolly pine | 61.1 | 12.1 | 9.7 | 10.6 | 7.0 | 21.7 | 0.0 | 0.0 | 0.0 |
| Cypress | 227.5 | 12.4 | 42.2 | 30.9 | 35.8 | 1.6 | 15.0 | 55.1 | 34.7 |
| Total softwoods | 324.1 | 42.0 | 56.6 | 46.1 | 51.5 | 23.3 | 15.0 | 55.1 | 34.7 |
| Select white oaks | 87.4 | 0.0 | 14.6 | 22.2 | 8.7 | 9.0 | 19.2 | 11.7 | 1.9 |
| Select red oaks | 123.7 | 0.0 | 23.4 | 31.5 | 10.2 | 11.5 | 7.1 | 18.9 | 21.1 |
| Other white oaks | 141.3 | 0.0 | 17.7 | 15.6 | 10.3 | 21.0 | 15.9 | 36.7 | 24.1 |
| Other red oaks | 449.4 | 0.0 | 61.5 | 43.1 | 61.8 | 54.8 | 65.6 | 107.3 | 48.6 |
| Sweet pecan | 112.6 | 0.0 | 18.6 | 13.8 | 12.2 | 6.8 | 5.0 | 43.6 | 12.5 |
| Water hickory | 138.1 | 0.0 | 33.4 | 15.7 | 25.7 | 22.1 | 7.8 | 33.4 | 0.0 |
| Other hickories | 135.0 | 0.0 | 55.4 | 14.1 | 20.7 | 13.4 | 2.2 | 29.2 | 0.0 |
| Persimmon | 25.9 | 0.0 | 19.8 | 1.3 | 2.3 | 2.4 | 0.0 | 0.0 | 0.0 |
| Hard maples | 5.2 | 0.0 | 3.5 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 |
| Soft maples | 20.6 | 0.0 | 3.3 | 2.4 | 3.2 | 0.0 | 4.8 | 6.9 | 0.0 |
| Boxelder | 58.9 | 0.0 | 16.5 | 19.0 | 7.2 | 12.1 | 2.5 | 1.7 | 0.0 |
| Beech | 28.5 | 0.0 | 2.0 | 2.3 | 0.0 | 0.0 | 4.2 | 20.0 | 0.0 |
| Sweetgum | 511.5 | 0.0 | 151.7 | 116.1 | 110.3 | 62.5 | 36.3 | 34.7 | 0.0 |
| Blackgum | 9.5 | 0.0 | 2.1 | 1.3 | 0.0 | 0.5 | 0.0 | 5.5 | 0.0 |
| Other gums/tupelos | 100.7 | 0.0 | 24.8 | 23.5 | 27.2 | 15.0 | 6.9 | 3.3 | 0.0 |
| White ash | 40.0 | 0.0 | 20.5 | 3.0 | 3.4 | 0.0 | 6.6 | 6.4 | 0.0 |
| Other ashes | 148.3 | 0.0 | 31.9 | 26.8 | 20.0 | 24.4 | 11.4 | 22.8 | 11.0 |
| Sycamore | 64.0 | 0.0 | 14.4 | 4.3 | 9.5 | 8.9 | 4.5 | 14.3 | 8.0 |
| Cottonwoods | 55.8 | 0.0 | 1.0 | 4.1 | 2.4 | 10.9 | 8.3 | 20.9 | 8.2 |
| Basswoods | 14.0 | 0.0 | 6.8 | 0.0 | 3.1 | 0.0 | 0.0 | 4.1 | 0.0 |
| Yellow-poplar | 132.0 | 0.0 | 27.4 | 6.8 | 22.7 | 4.0 | 20.7 | 28.2 | 22.2 |
| Willow | 135.3 | 0.0 | 10.2 | 25.0 | 12.0 | 9.1 | 22.3 | 44.1 | 12.6 |
| Black walnut | 5.4 | 0.0 | 3.0 | 2.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Black cherry | 4.3 | 0.0 | 4.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| American elm | 85.7 | 0.0 | 35.8 | 17.5 | 15.5 | 2.6 | 2.8 | 11.5 | 0.0 |
| Other elms | 62.5 | 0.0 | 13.8 | 6.7 | 9.1 | 8.9 | 4.4 | 18.9 | 0.0 |
| Hackberries | 379.9 | 0.0 | 98.1 | 85.8 | 68.9 | 42.2 | 34.5 | 50.5 | 0.0 |
| Black locust | 1.5 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 8.5 | 0.0 | 2.8 | 0.0 | 1.9 | 2.4 | 0.0 | 1.5 | 0.0 |
| Sassafras | 19.1 | 0.0 | 2.7 | 9.3 | 2.5 | 0.0 | 0.0 | 4.5 | 0.0 |
| Other commercial | 4.2 | 0.0 | 2.7 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total hardwoods | 3,108.8 | 0.0 | 729.8 | 515.8 | 473.0 | 344.6 | 293.1 | 582.4 | 170.1 |
| All species | 3,432.9 | 42.0 | 786.4 | 561.8 | 524.5 | 367.9 | 308.1 | 637.5 | 204.8 |

*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, Mississippi Delta 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 board feet ----- | | | | | | | | | |
| Select white oaks | 48.0 | 0.0 | 13.9 | 21.7 | 9.7 | 2.8 | 0.0 | 0.0 | 0.0 |
| Select red oaks | 41.7 | 0.0 | 1.9 | 19.2 | 1.8 | 9.3 | 0.0 | 3.3 | 6.3 |
| Other white oaks | 33.8 | 0.0 | 3.6 | 2.1 | 2.7 | 14.9 | 2.0 | 8.5 | 0.0 |
| Other red oaks | 359.7 | 0.0 | 51.2 | 58.0 | 71.4 | 47.5 | 36.5 | 74.8 | 20.3 |
| Sweet pecan | 1.2 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Water hickory | 45.8 | 0.0 | 0.0 | 1.5 | 2.3 | 22.8 | 11.5 | 7.8 | 0.0 |
| Other hickories | 54.7 | 0.0 | 12.0 | 25.5 | 4.0 | 4.9 | 8.2 | 0.0 | 0.0 |
| Hard maples | 6.4 | 0.0 | 4.4 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 0.0 |
| Soft maples | 3.8 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Boxelder | 25.6 | 0.0 | 2.2 | 6.7 | 4.6 | 4.8 | 7.4 | 0.0 | 0.0 |
| Beech | 93.9 | 0.0 | 1.8 | 8.7 | 26.6 | 20.1 | 18.5 | 18.3 | 0.0 |
| Sweetgum | 105.0 | 0.0 | 28.7 | 18.2 | 30.5 | 16.0 | 4.3 | 7.2 | 0.0 |
| Blackgum | 2.9 | 0.0 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other ashes | 22.8 | 0.0 | 0.0 | 3.3 | 8.5 | 5.6 | 0.0 | 5.4 | 0.0 |
| Sycamore | 24.0 | 0.0 | 6.4 | 0.0 | 2.8 | 0.0 | 2.3 | 12.5 | 0.0 |
| Cottonwoods | 2.9 | 0.0 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 |
| Basswoods | 4.4 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 0.0 | 0.0 | 0.0 |
| Yellow-poplar | 46.0 | 0.0 | 0.0 | 3.8 | 12.9 | 5.8 | 2.0 | 21.5 | 0.0 |
| Willow | 75.4 | 0.0 | 0.0 | 2.5 | 0.0 | 7.6 | 15.2 | 33.4 | 16.7 |
| Black cherry | 9.3 | 0.0 | 2.9 | 2.6 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 |
| American elm | 15.2 | 0.0 | 2.4 | 3.5 | 2.7 | 3.4 | 1.2 | 2.0 | 0.0 |
| Other elms | 16.2 | 0.0 | 2.0 | 5.6 | 1.9 | 0.0 | 3.7 | 2.9 | 0.0 |
| Hackberries | 114.0 | 0.0 | 18.1 | 19.3 | 28.9 | 13.5 | 8.2 | 26.1 | 0.0 |
| Black locust | 3.2 | 0.0 | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Other locusts | 13.8 | 0.0 | 1.3 | 0.0 | 0.0 | 3.1 | 7.8 | 1.7 | 0.0 |
| Total hardwoods | 1,169.7 | 0.0 | 160.8 | 202.4 | 217.1 | 192.1 | 128.5 | 225.4 | 43.3 |
| All species | 1,169.7 | 0.0 | 160.8 | 202.4 | 217.1 | 192.1 | 128.5 | 225.4 | 43.3 |

*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, Mississippi Delta counties, 1994'

| Species | All ownerships | National forest | Other public | Forest industry | Forest industry-leased | Other private |
|---------------------------|----------------|-----------------|--------------|-----------------|------------------------|----------------|
| | | | | | | |
| Yellow pines | 114.3 | 0.0 | 0.0 | 5.9 | 0.0 | 108.4 |
| Cypress | 353.2 | 4.6 | 38.7 | 14.8 | 0.0 | 295.1 |
| Redcedars | 20.3 | 0.0 | 0.0 | 4.0 | 0.0 | 16.2 |
| Total softwoods | 487.8 | 4.6 | 38.7 | 24.8 | 0.0 | 419.7 |
| Select white-red oaks | 687.6 | 0.0 | 61.2 | 106.8 | 0.0 | 519.5 |
| Other white-red oaks | 1,805.4 | 249.5 | 212.2 | 213.4 | 0.0 | 1,130.3 |
| Hickories | 844.9 | 14.3 | 62.4 | 185.2 | 0.0 | 582.9 |
| Hard maples | 19.8 | 0.0 | 4.4 | 6.2 | 0.0 | 9.1 |
| Sweetgum | 1,351.3 | 57.6 | 111.4 | 180.7 | 0.0 | 1,001.6 |
| Tupelos and blackgums | 226.4 | 0.0 | 0.0 | 1.7 | 0.0 | 224.7 |
| Ashes-walnut-black cherry | 702.7 | 23.9 | 16.2 | 138.3 | 0.0 | 524.3 |
| Yellow-poplar | 338.8 | 0.0 | 14.3 | 30.7 | 0.0 | 293.8 |
| Other hardwoods | 2,389.7 | 28.2 | 202.5 | 506.0 | 0.0 | 1,653.0 |
| Total hardwoods | 8,366.5 | 373.4 | 684.7 | 1,369.1 | 0.0 | 5,939.3 |
| All species | 8,854.3 | 378.0 | 723.4 | 1,393.9 | 0.0 | 6,359.0 |

*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, Mississippi Delta counties, 1994*

| County | Net Growth | | | Removals | | | Mortality | | |
|--------------------------------|-------------|----------|----------|-------------|----------|----------|-------------|----------|----------|
| | All species | Softwood | Hardwood | All species | Softwood | Hardwood | All species | Softwood | Hardwood |
| ----- Million cubic feet ----- | | | | | | | | | |
| Bolivar | 3.2 | 0.1 | 3.1 | 1.1 | 0.0 | 1.1 | 2.3 | 0.0 | 2.3 |
| Coahoma | 0.0 | 0.1 | -0.1 | 0.6 | 0.0 | 0.6 | 3.0 | 0.0 | 3.0 |
| Holmes | 8.4 | 3.4 | 5.0 | 21.1 | 8.7 | 12.4 | 5.1 | 0.9 | 4.2 |
| Humphreys | 1.1 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| Issaquena | 3.6 | 0.0 | 3.6 | 10.6 | 0.0 | 10.6 | 2.6 | 0.0 | 2.6 |
| Leflore | 3.8 | 0.0 | 3.8 | 0.3 | 0.0 | 0.3 | 1.4 | 0.0 | 1.4 |
| Quitman | 0.4 | 0.0 | 0.4 | 0.1 | 0.1 | 0.0 | 0.4 | 0.0 | 0.4 |
| Sharkey | 3.3 | 0.0 | 3.3 | 1.4 | 0.0 | 1.4 | 2.4 | 0.0 | 2.4 |
| Sunflower | 0.2 | 0.4 | -0.1 | 0.8 | 0.5 | 0.3 | 0.4 | 0.0 | 0.4 |
| Tallahatchie | 8.1 | 0.9 | 7.2 | 5.2 | 1.5 | 3.8 | 1.1 | 0.2 | 0.9 |
| Tunica | 0.7 | 0.1 | 0.7 | 0.7 | 0.0 | 0.7 | 1.2 | 0.0 | 1.2 |
| Warren | 16.4 | 0.1 | 16.2 | 8.9 | 1.1 | 7.8 | 6.6 | 0.1 | 6.5 |
| Washington | 3.3 | 0.0 | 3.3 | 3.5 | 0.0 | 3.5 | 1.4 | 0.0 | 1.4 |
| Yazoo | 9.2 | 0.2 | 9.0 | 16.1 | 0.3 | 15.7 | 8.5 | 0.1 | 8.4 |
| All counties | 61.7 | 5.3 | 56.5 | 70.2 | 12.1 | 58.1 | 37.4 | 1.3 | 36.0 |

*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, Mississippi Delta 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 | 1.9 | 0.0 | 1.9 | 1.4 | 0.0 | 1.4 | 1.4 | 0.0 | 1.4 |
| Other public | 3.2 | -0.1 | 3.3 | 0.7 | 0.0 | 0.7 | 4.1 | 0.1 | 4.0 |
| Forest industry | 6.9 | 1.0 | 5.9 | 7.9 | 0.4 | 7.5 | 4.7 | 0.0 | 4.1 |
| Other private | 49.7 | 4.4 | 45.3 | 60.3 | 11.7 | 48.5 | 27.2 | 1.2 | 26.0 |
| All ownerships | 61.7 | 5.3 | 56.5 | 70.2 | 12.1 | 58.1 | 37.4 | 1.3 | 36.0 |

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

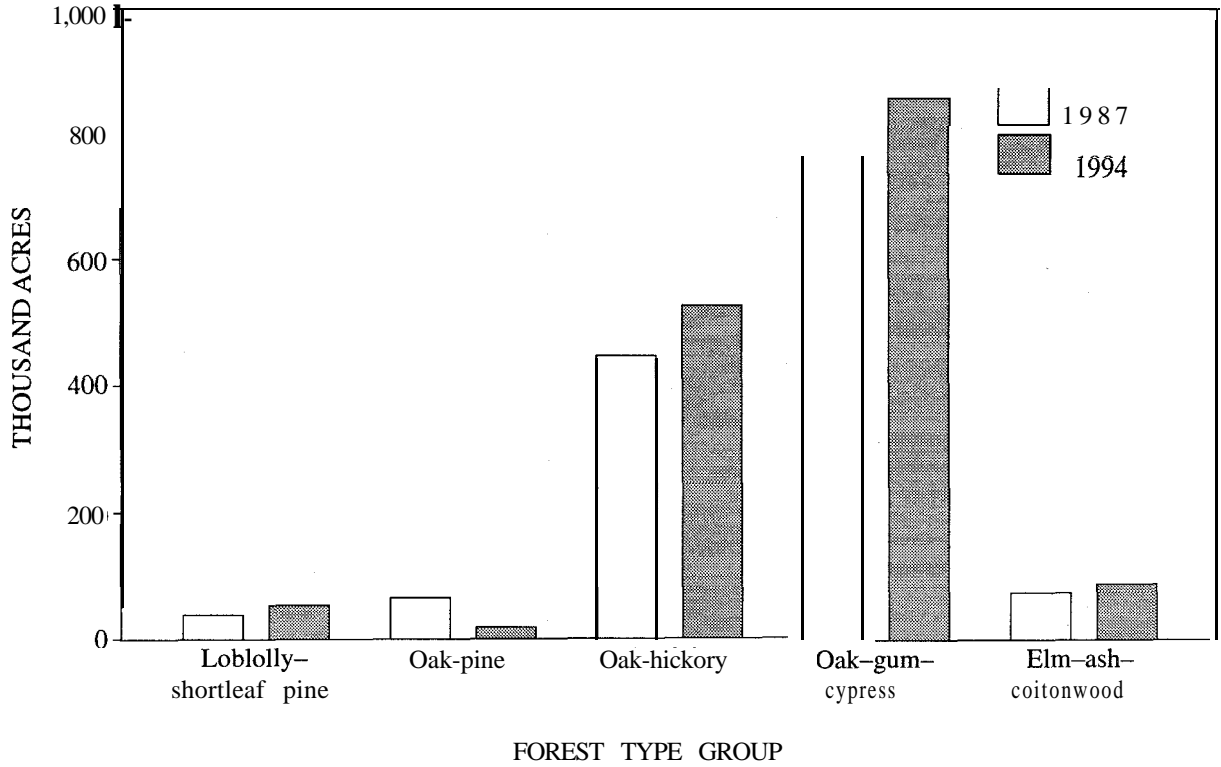


Figure 1.—Area of timberland by forest type group, Mississippi Delta, 1987 and 1994.

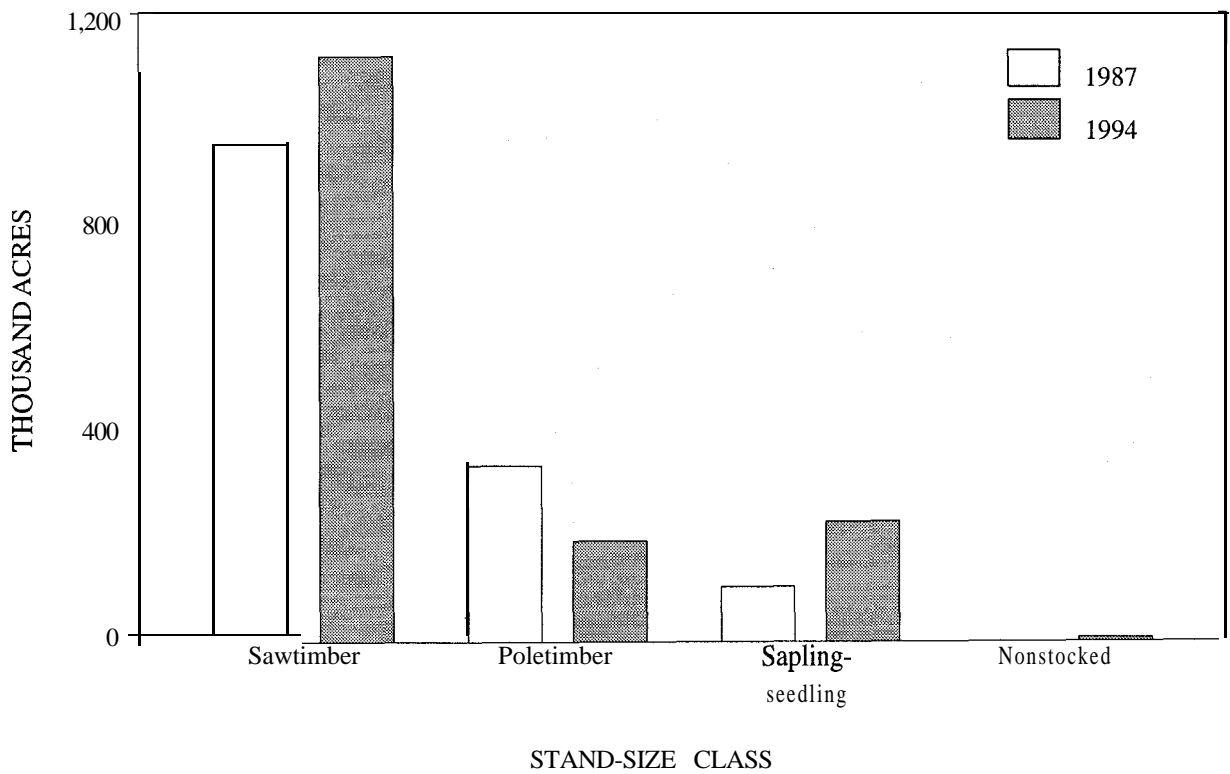


Figure 2.—Area of timberland by stand-size class, Mississippi Delta, 1987 and 1994.

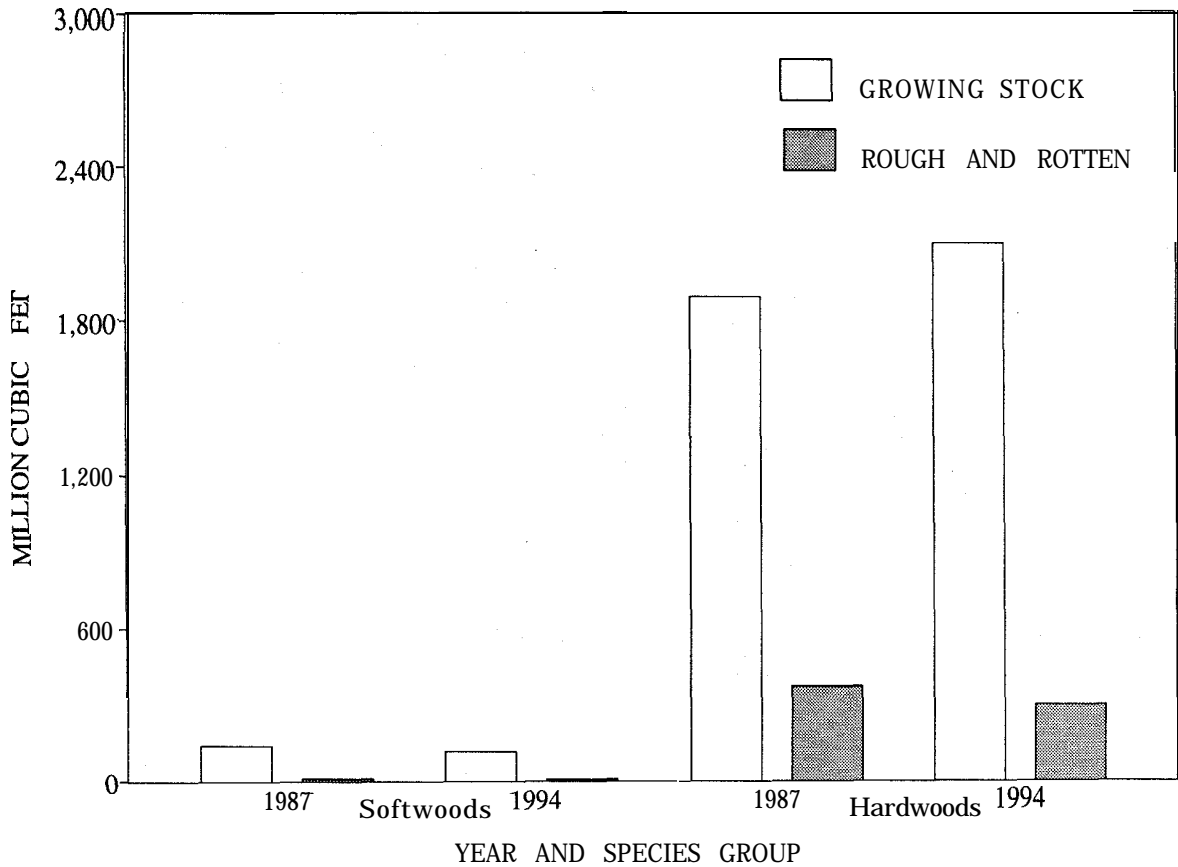


Figure 3.—Volume of live trees on timberland by species group and class of timber, Mississippi Delta, 1987 and 1994.

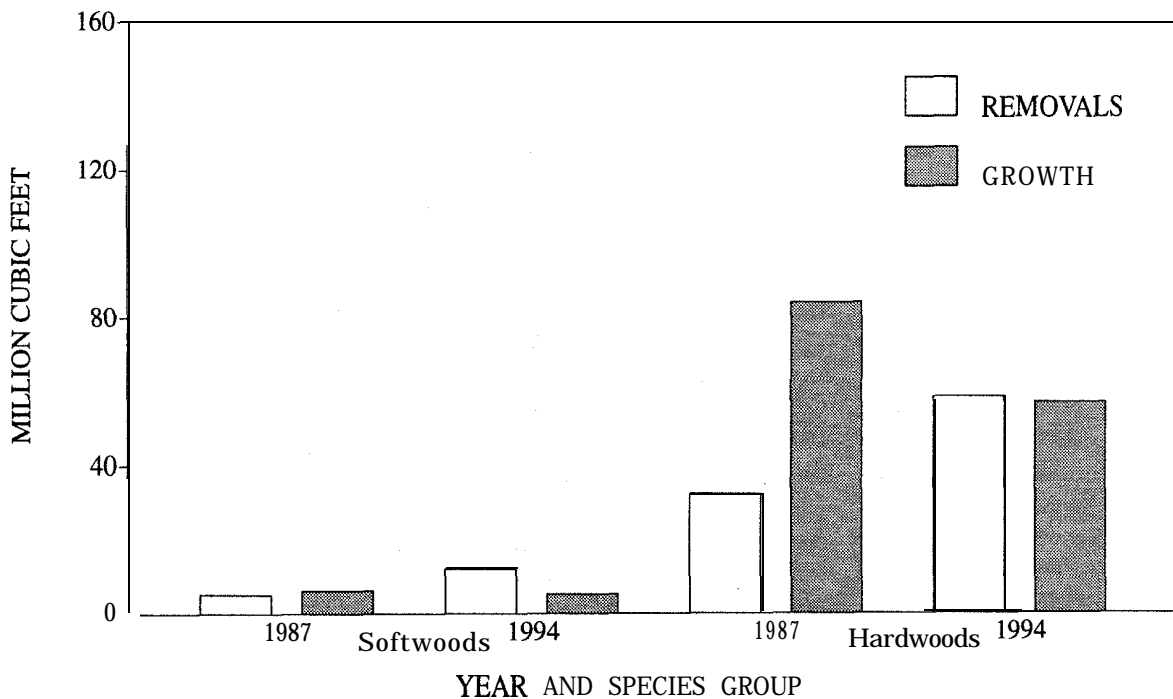


Figure 4.—Average annual removals and average net annual growth of live trees on timberland by species group, Mississippi Delta, 1987 and 1994.

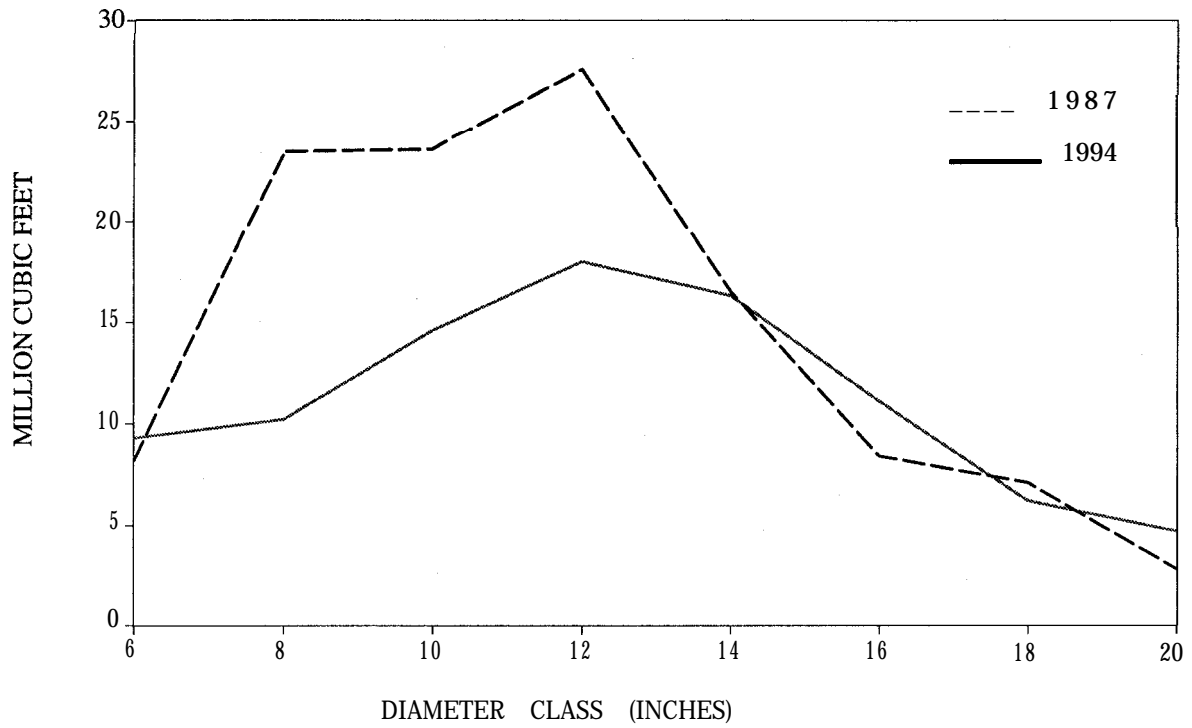


Figure 5.— Volume of live softwood trees on timberland by diameter class, Mississippi Delta, 1987 and 1994.

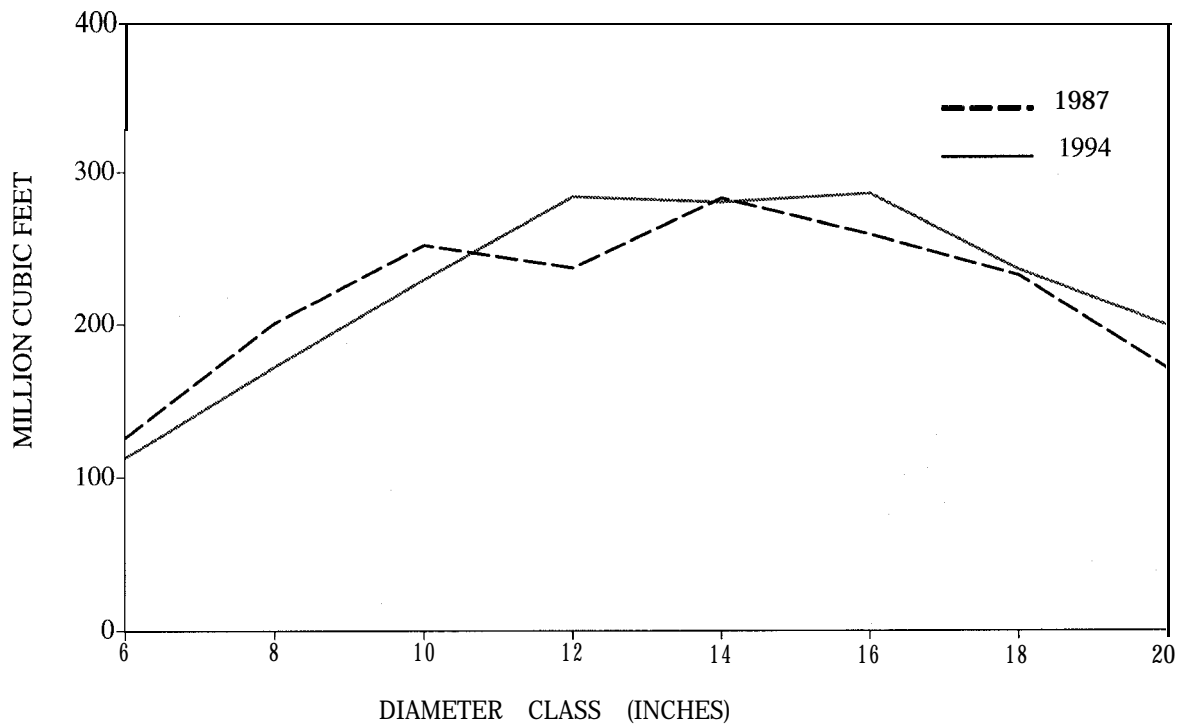


Figure 6.— Volume of live hardwood trees on timberland by diameter class, Mississippi Delta, 1987 and 1994.

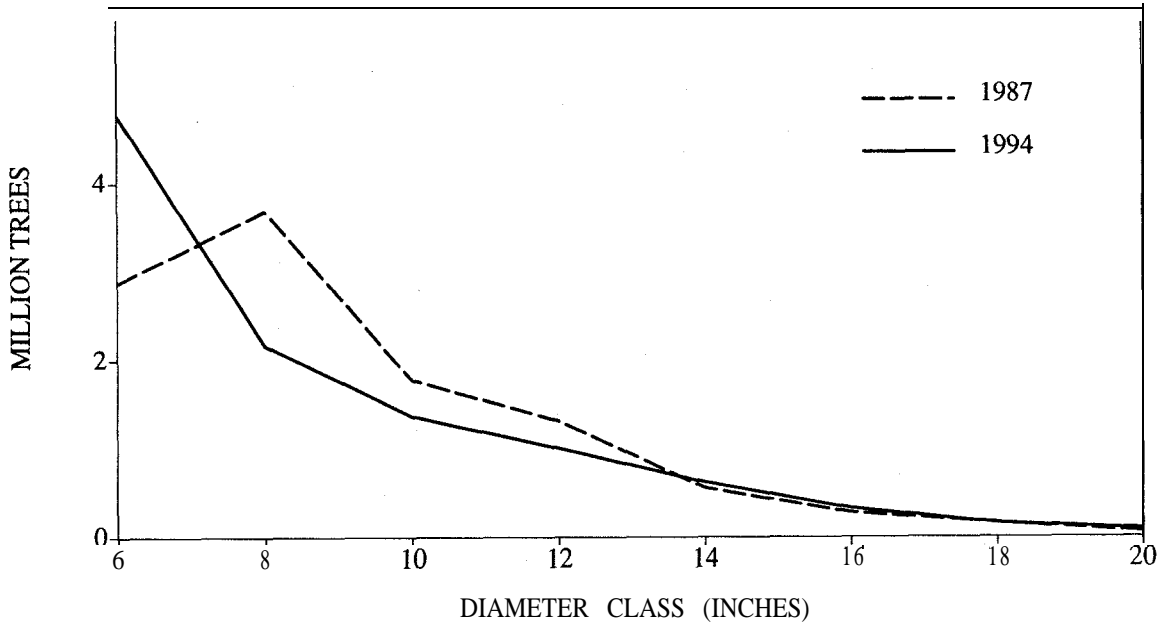


Figure 7.-Number of live softwood trees on timberland by diameter class, Mississippi Delta, 1987 and 1994.

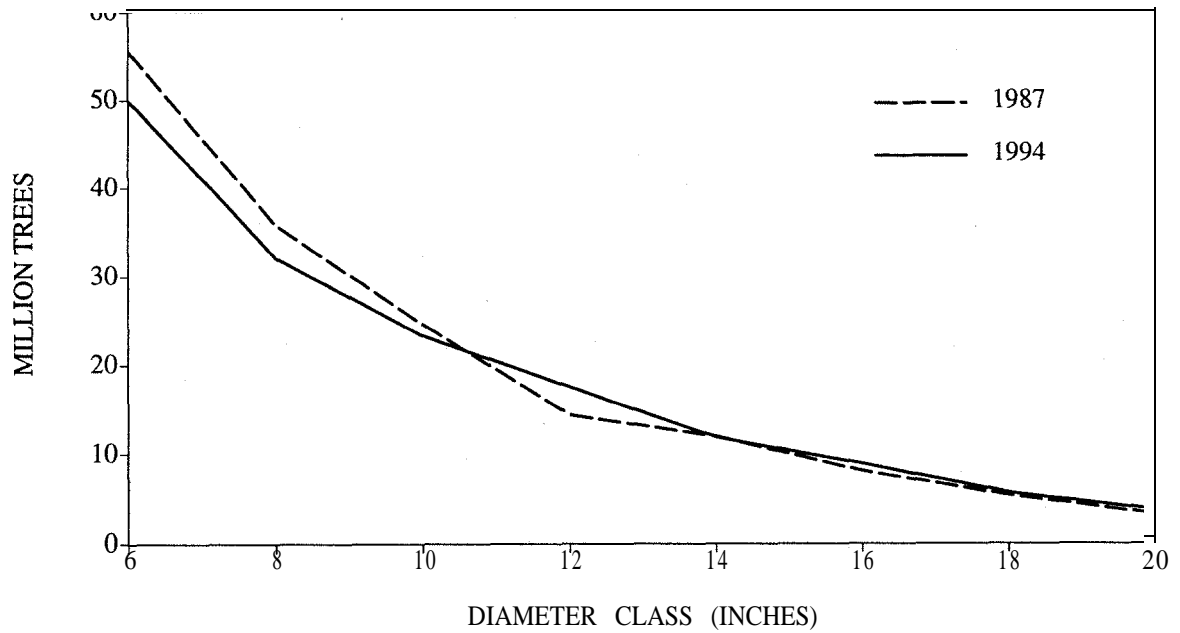
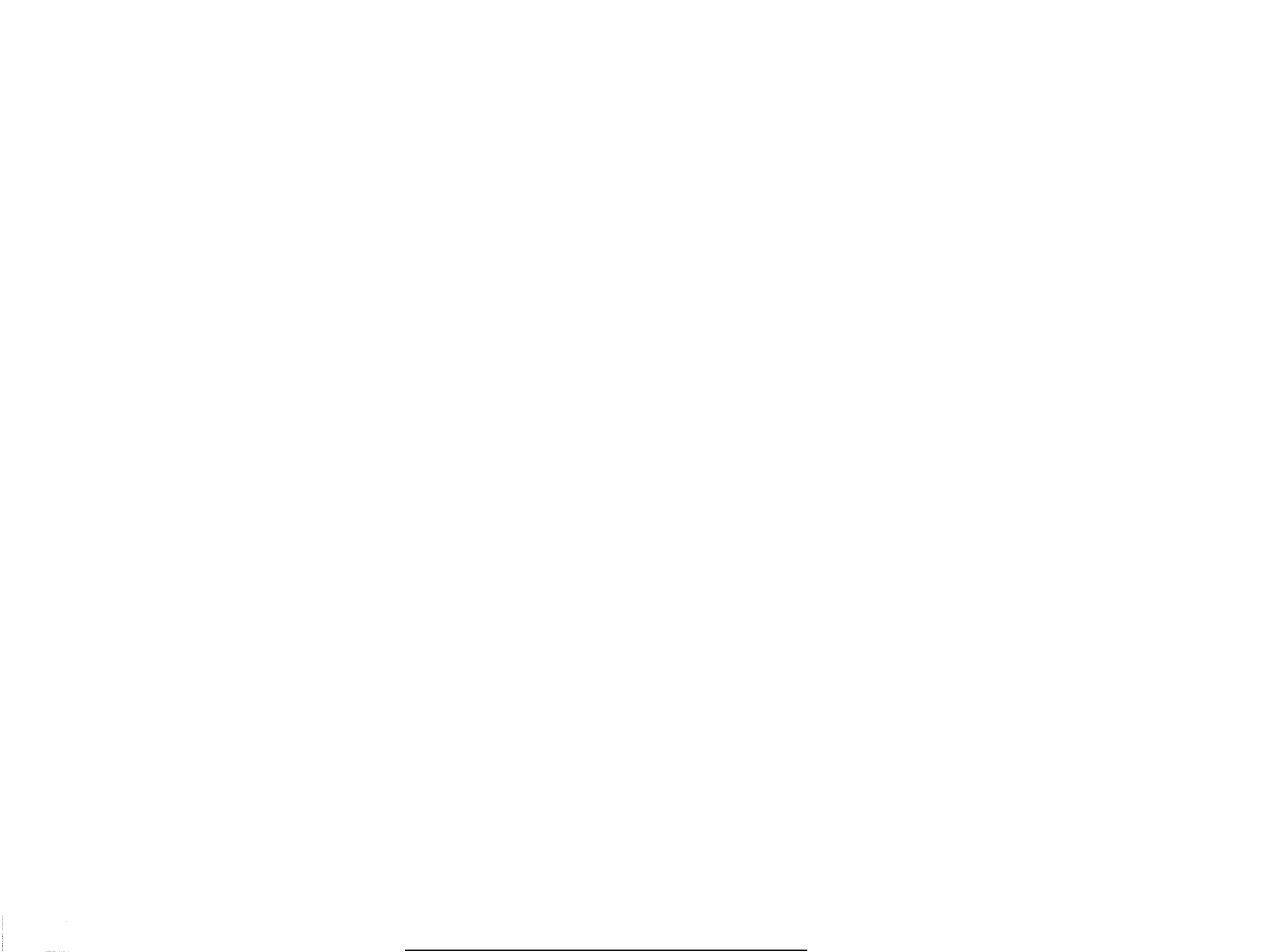


Figure 8.-Number of live hardwood trees on timberland by diameter class, Mississippi Delta, 1987 and 1994.



Faulkner, Joanne L.; Hartsell, Andrew J.; London, Jack D. 1994. Forest statistics for Mississippi Delta counties-1994. Resour. Bull. SO-189. 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 Delta counties of Mississippi.

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

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