

United States  
Department of  
Agriculture

Forest Service

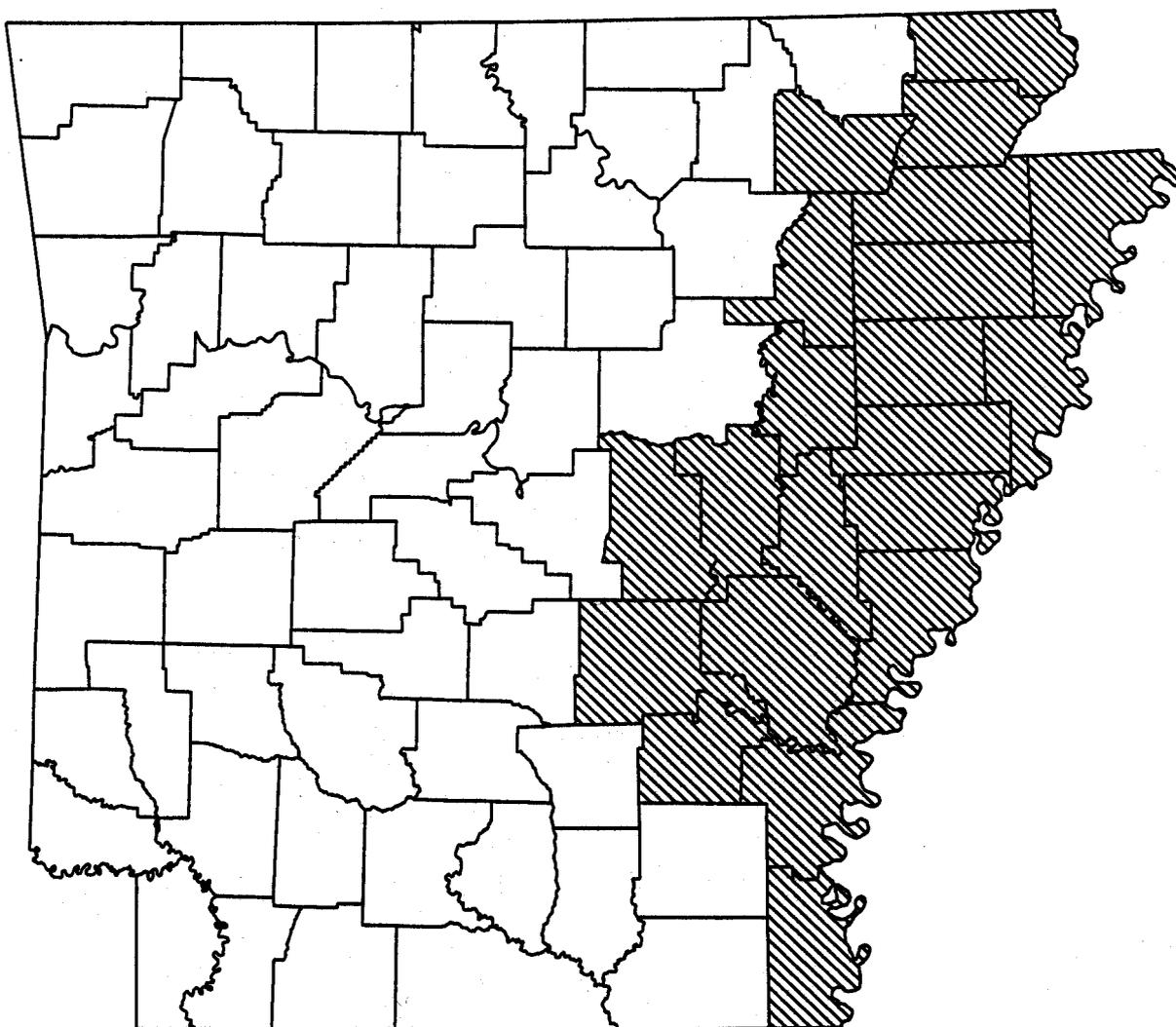


Southern  
Research Station

Resource Bulletin  
SRS-11

# Forest Statistics for Arkansas' Delta Counties—1995

James F. Rosson, Jr., Andrew J. Hartsell, and  
Jack D. London



## **FOREWORD**

Periodic surveys of forest resources are authorized by the Forest Service and Rangeland Renewable Resources Research Act of 1978. These surveys are a continuing, nationwide undertaking by the Regional Experiment Stations of the USDA Forest Service. In the Southern United States, these surveys are conducted by the two Forest Inventory and Analysis (FIA) Research Work Units at the Southern Research Station, Asheville, North Carolina. The two FIA units, one located in Starkville, Mississippi and the other in Asheville, North Carolina, are responsible for inventories of 13 Southern States and the Commonwealth of Puerto Rico. The primary objective of the surveys is to periodically inventory and evaluate all forests and their related resources. These multiresource data help provide a basis for formulating forest policies and programs and for the orderly development and use of the resources. This report deals only with the extent and condition of forest land, associated timber volumes, and rates of timber growth, mortality, and removals.

## **ACKNOWLEDGMENTS**

The Midsouth FIA (MIDSO-FIA) unit gratefully acknowledges the cooperation and assistance provided by the Arkansas 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.

The following members of the MIDSO-FIA staff completed the field measurements:

<b>Ben Baumgart</b>	<b>Darin Hinesly</b>	<b>Ken Reed</b>
<b>Bobby Claybrook</b>	<b>Eric Johnson</b>	<b>Brian Slagle</b>
<b>John Craig</b>	<b>Mark Kotal</b>	<b>Blaine Tarbell</b>
<b>Lyndell Davidson</b>	<b>Russ Langford</b>	<b>Jennifer Tarbell</b>
<b>James Dexter</b>	<b>Leslie Prewitt</b>	

**January 1997**

**Southern Research Station  
P.O. Box 2680  
Asheville, North Carolina 28802**

# CONTENTS

INTRODUCTION .....	1
METHODS .....	1
STATISTICAL RELIABILITY .....	2
HIGHLIGHTS .....	3
Timberland Area .....	3
Forest Type .....	3
Ownership .....	3
Stand Size .....	3
Stand Structure .....	3
Softwood Volume .....	3
Hardwood Volume .....	3
Growth .....	4
Removals .....	4
Mortality .....	4
APPENDIX .....	4
Definition of Terms .....	4
Core Tables 1 through 25* .....	7
Supplemental Tables 26 through 44 .....	24
Figures 1 through 8 .....	40

\*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 I.—Forest survey regions in Arkansas.

# Forest Statistics for Arkansas' Delta Counties—1995

James F. Rosson, Jr., Andrew J. Hartsell, and Jack D. London

## INTRODUCTION

Tabulated results were derived from data obtained during a 1995 continuous forest inventory of Arkansas' Delta counties (fig. I). These data are considered preliminary; a finalized State analytical report will be published after all survey units in the State have been inventoried. Core tables (1 through 25) are compatible among Forest Inventory and Analysis 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 1995 inventory and the previous inventory conducted in 1988.

## METHODS

The Southern Research Station, Midsouth Forest Inventory and Analysis (MIDSO-FIA) unit 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 were forested 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 radius 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 volumes, basal areas, numbers 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 improvements have been implemented. In recent inventories these changes have been mostly minor in scale and have been incorporated because of the availability of better methods or to achieve greater compatibility among Forest

Inventory and Analysis units. These changes may, in some cases, affect the ability to discern minor shifts in resource trends.

The estimates of timberland area, volume, growth, removals, and mortality are based on the latest and most up-to-date inventory techniques available. There are important differences in the methods used between the 1995 and 1988 inventories. In many cases, improvements in methodology for deriving current estimates can raise concerns about apparent trends between survey periods. Because these differences might appear to cloud the comparisons between 1995 and 1988 results, the major differences in procedures are documented below.

First, in order to account for changes in a new definition of growing stock, trees classed as rough culls in 1978 and cut in 1988 were changed to growing stock (tree class 20). This procedure was not implemented in the 1995 survey because complete information pertinent to the new definition was collected in 1988. If a live tree that was classed as a rough cull in the 1988 survey was cut and utilized by the time of the remeasurement in 1995, its tree class remained as a rough cull. This will affect direct comparisons of growing-stock growth, removals, and mortality.

Second, there was a decrease in the utilizable volume allowance that was used to classify trees as growing stock or cull. In the 1995 survey, at least one-third of the volume in the sawlog section (or prospective volume, in the case of smaller-than-sawtimber size trees) had to be utilizable. In prior surveys of Arkansas, one-half the volume had to be utilizable. In previous inventories in the Midsouth States, few trees have been affected where this change has been implemented.

Third, the land area base provided by the U.S. Census Bureau has changed. Because the timberland area is determined by summarizing forest vs. nonforest dot counts on aerial photographs (in each county) and then applying the resulting proportions to the Census Bureau land base, a change in the land base between measurement periods will affect area trends. The 1988 survey used the 1980 U.S. Census Bureau land area estimates; the 1995 survey used the 1990 Census Bureau estimates. Much of the change is due to the Census Bureau's new definition of the water classification; a small portion of area previously classified as land is now classified as water. Because the difference between the land area estimates for 1980 and 1990 was a decrease of only 2,911 acres for the State, the effect on timberland area trends will be negligible.

Because of the above modifications and to better assess trends, the analysis of change in inventory volume, growth, removals, and mortality will focus on live trees, rather than on growing stock as has been the practice in the past.



Table II.—Components of annual change in the volume of live trees by inventory period and species group, Delta counties, Arkansas, 1995\*

Inventory period and species group	Gross growth		
	Net growth	Mortality	Removals
----- Million cubic feet -----			
1978 to 1988			
Softwoods	12.3	1.5	7.8
Hardwoods	66.5	39.9	42.1
Total	78.8	41.4	49.8
1988 to 1995			
Softwoods	18.3	1.8	9.1
Hardwoods	86.2	34.1	61.4
Total	104.5	35.9	70.5

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

## HIGHLIGHTS

### Timberland Area

Timberland area for the Delta counties increased by 214,700 acres to 2,111,000 acres. This represents a continuing increase of timberland area that was first reported in the 1988 survey, after a downward trend that has been reported in the first five Arkansas surveys. A total of 244,200 acres of land reverted to timberland, primarily (188,400 acres) from agriculture land use. Approximately 29,500 acres of timberland diverted to a nonforest land use.

### Forest Type

The predominant forest type group is oak–gum–cypress, occupying 1,257,500 acres. The oak–hickory type occurs on 451,200 acres. Higher, well-drained sites provide an opportunity for pine to grow, especially in the western Delta counties. Currently, there are 144,000 and 88,900 acres of loblolly–shortleaf and oak–pine forest type groups, respectively, in the Delta counties. All but the oak–hickory type group increased in acreage since the previous survey.

### Ownership

The nonindustrial private owner is the leading ownership category in the Delta counties, with 1,482,500 acres (70 percent) of timberland. Forest industry owns 241,000 acres while 387,400 acres are in the public domain. Both public and nonindustrial private ownership acreage increased since the 1988 survey while forest industry acreage remained unchanged.

### Stand Size

Most of the timberland in the Delta counties is in sawtimber stands, 1,279,200 acres (61 percent). Sawtimber acreage has increased 104,100 acres since 1988. A total of 365,200 and

446,800 acres are in poletimber and sapling–seedling stands, respectively. Both categories have increased in area since the 1988 survey.

### Stand Structure

A minor component of the forest resource in the Delta counties, the number of live softwood trees increased in every diameter class with the exception of decreases in the 6-, 12-, 22-, and 26-inch diameter classes. Most notable increases were in the 2-, 4-, 8-, 10-, 14-, and 16-inch diameter classes.

The number of live hardwood trees declined in the 2- and 4-inch diameter classes. Noteworthy increases occurred in the 12-, 14-, 18-, 20-, and 22-inch classes. This empirical evidence suggests that hardwood stands are maturing.

Total basal area for all live trees averaged 87.8 square feet per acre, down slightly from the 1988 survey (90.0 square feet per acre). Eighty-nine percent of stand basal area was from the hardwood component.

### Softwood Volume

The softwood component of the forest resources in the Delta counties is minor, contributing only 12 percent of total volume. However, since 1988, softwood volume has increased by 74.0 million cubic feet, to 377.8 million cubic feet in 1995. Current softwood sawtimber volume is 1,576 million board feet.

### Hardwood Volume

Hardwood live-tree volume increased by 12 percent over that reported for 1988 to 2,801.1 million cubic feet. Volume increased in every diameter class except the 2-, 22-, and 26-inch diameter classes. Five species account for 37 percent of live-tree volume: sweetgum, overcup oak, sugarberry, green ash, and willow (234.8, 222.7, 219.5, 178.8, and 170.4 million cubic feet, respectively). Current sawtimber volume is 11,101 million board feet.

## Growth

Softwood live-tree net growth averaged 18.3 million cubic feet per year. This represents a 6 million cubic feet increase over that reported for 1988. Seventy-six percent of this growth occurs in Jefferson and Lincoln counties (table II).

Hardwood live-tree net growth increased 19.8 million cubic feet per year (30 percent) to 86.2 million cubic feet per year. Hardwood stands (excluding pine types) are currently averaging 44 cubic feet per acre per year.

## Removals

Softwood live-tree removals for the Arkansas Delta counties are averaging 9.1 million cubic feet per year. This represents a very small absolute increase over the 1988 estimate. The growth-to-removal ratio is 2.0 to 1.0.

Hardwood live-tree removals are up 46 percent. This represents an increase of 19.3 million cubic feet, to 61.4 million cubic feet per year since the previous survey. The growth-to-removal ratio is 1.4 to 1.0.

## Mortality

Softwood mortality is currently 1.8 million cubic feet per year. This represents only a 0.3 million cubic feet per year increase since the last survey.

Hardwood mortality has decreased 15 percent since the previous survey, to 34.1 million cubic feet per year. The increase in hardwood removals may account for some of the decline in mortality.

## APPENDIX

### Definition of Terms

#### Dimension Classes of Trees

*Poletimber trees*—Softwoods 5.0 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 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, comprises a plurality of the stocking except where pines comprise 25 to 49 percent, in which case the stand would be classified as 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 as 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 during 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 during the intersurvey period.

*Average net annual growth*—Average net annual volume increase of growing-stock or live trees during 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 its potential capacity to grow crops of industrial wood.

*Tree grade*—A classification of the sawlog portion of sawtimber trees based on: (1) the grade of the butt log or (2) the ability to produce at least one 12-foot or two 8-foot logs in the upper

section of the sawlog portion. Tree grade is an indicator of quality; grade 1 is the best quality.

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

## Ownership Classes

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

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

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

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

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

*Other Federal land*—Federal lands other than national forests.

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

## Stand-size Classes

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

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

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

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

## Stocking

Stocking is a measure of the extent to which the growth potential of the site is utilized by trees or preempted by vegetative cover. Stocking is determined by comparing the stand density in terms of number of trees or basal area with a specified standard. Therefore, full stocking is 100 percent of the stocking standard.

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

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

Stocking categories are arbitrarily defined as follows:

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

*Overstocked*—Stands greater than 100 percent stocked with growing-stock trees. These stands will become stagnant with the 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, Arkansas Delta, 1995\*

County	All land <sup>†</sup>	Forest land				Nonforest land
		Total	Timberland	Woodland	Reserved timberland	
----- <i>Thousand acres</i> -----						
Arkansas	632.7	228.8	228.5	0.0	0.3	403.8
Chicot	412.2	71.3	71.3	0.0	0.0	340.9
Clay	409.2	79.3	79.3	0.0	0.1	329.8
Craighead	454.9	66.0	66.0	0.0	0.0	388.9
Crittenden	390.7	44.4	44.4	0.0	0.0	346.4
Cross	394.2	45.2	45.1	0.0	0.2	348.9
Desha	489.6	152.8	152.8	0.0	0.0	336.8
Greene	369.6	71.4	71.4	0.0	0.0	298.3
Jackson	405.5	68.8	68.8	0.0	0.0	336.7
Jefferson	566.3	218.7	218.4	0.0	0.3	347.6
Lawrence	375.4	93.4	93.4	0.0	0.0	282.0
Lee	385.1	90.2	90.2	0.0	0.0	294.8
Lincoln	359.2	150.8	150.8	0.0	0.0	208.4
Lonoke	489.9	123.3	122.4	0.0	0.8	366.7
Mississippi	574.9	33.1	33.1	0.0	0.0	541.9
Monroe	388.3	138.6	138.4	0.0	0.2	249.7
Phillips	443.3	102.9	102.9	0.0	0.0	340.4
Poinsett	485.0	57.1	56.5	0.0	0.5	427.9
Prairie	413.4	110.2	109.9	0.0	0.3	303.2
St. Francis	405.7	80.3	80.3	0.0	0.0	325.4
Woodruff	375.4	87.9	87.0	0.0	0.9	287.5
All counties	9,220.6	2,114.6	2,111.0	0.0	3.6	7,106.0

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

<sup>†</sup>From the U.S. Bureau of the Census.

Table 2.—Area of timberland by county and ownership class, Arkansas Delta, 1995\*

County	All ownerships	National forest	Misc. Federal	State	County and municipal	Forest industry <sup>†</sup>	Farmer	Corporate <sup>‡</sup>	Individual <sup>‡</sup>
Arkansas	228.5	0.0	46.9	29.3	0.0	11.7	70.3	17.6	52.7
Chicot	71.3	0.0	0.0	0.0	0.0	14.3	33.3	9.5	14.3
Clay	79.3	0.0	5.7	11.3	0.0	0.0	34.0	5.7	22.7
Craighead	66.0	0.0	0.0	19.8	0.0	0.0	6.6	13.2	26.4
Crittenden	44.4	0.0	0.0	0.0	0.0	7.4	22.2	0.0	14.8
Cross	45.1	0.0	0.0	0.0	0.0	0.0	27.0	9.0	9.0
Desha	152.8	0.0	14.6	0.0	7.3	94.6	14.6	14.6	7.3
Greene	71.4	0.0	0.0	0.0	0.0	0.0	25.5	0.0	45.9
Jackson	68.8	0.0	0.0	0.0	0.0	0.0	49.1	0.0	19.7
Jefferson	218.4	0.0	15.6	15.6	0.0	46.8	31.2	31.2	78.0
Lawrence	93.4	0.0	0.0	5.8	0.0	0.0	58.4	0.0	29.2
Lee	90.2	10.9	0.0	0.0	0.0	7.9	0.0	23.8	47.6
Lincoln	150.8	0.0	0.0	6.6	0.0	32.8	13.1	32.8	65.6
Lonoke	122.4	0.0	0.0	11.1	0.0	0.0	72.3	16.7	22.3
Mississippi	33.1	0.0	5.5	16.5	5.5	0.0	0.0	5.5	0.0
Monroe	138.4	0.0	66.6	5.1	0.0	10.3	41.0	0.0	15.4
Phillips	102.9	8.3	17.2	0.0	0.0	8.6	25.8	0.0	43.0
Poinsett	56.5	0.0	0.0	14.1	0.0	0.0	14.1	4.7	23.6
Prairie	109.9	0.0	0.0	23.1	0.0	0.0	34.7	11.6	40.5
St. Francis	80.3	0.0	0.0	13.4	0.0	6.7	40.2	6.7	13.4
Woodruff	87.0	0.0	11.6	0.0	0.0	0.0	58.0	0.0	17.4
All counties	2,111.0	19.1	183.6	171.9	12.8	241.0	671.5	202.5	608.6

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

<sup>†</sup>Includes land leased to forest industries.<sup>‡</sup>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, Arkansas Delta, 1995\*

County	Total	Forest type group					
		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood
		Planted	Natural				
-----Thousand acres-----							
Arkansas	228.5	17.6	0.0	0.0	35.2	169.9	5.9
Chicot	71.3	0.0	0.0	0.0	0.0	57.1	14.3
Clay	79.3	5.7	0.0	0.0	22.7	45.3	5.7
Craighead	66.0	0.0	0.0	6.6	13.2	33.0	13.2
Crittenden	44.4	0.0	0.0	0.0	0.0	22.2	22.2
Cross	45.1	0.0	0.0	0.0	18.0	27.0	0.0
Desha	152.8	0.0	0.0	0.0	0.0	123.7	29.1
Greene	71.4	0.0	0.0	5.1	61.2	5.1	0.0
Jackson	68.8	0.0	0.0	0.0	39.3	29.5	0.0
Jefferson	218.4	20.8	52.0	10.4	36.4	88.4	10.4
Lawrence	93.4	0.0	0.0	11.7	46.7	35.0	0.0
Lee	90.2	0.0	0.0	0.0	10.9	71.4	7.9
Lincoln	150.8	6.6	13.1	39.3	45.9	45.9	0.0
Lonoke	122.4	11.1	5.6	5.6	27.8	61.2	11.1
Mississippi	33.1	0.0	0.0	0.0	0.0	22.0	11.0
Monroe	138.4	0.0	0.0	10.3	10.3	112.8	5.1
Phillips	102.9	0.0	0.0	0.0	25.5	77.5	0.0
Poinsett	56.5	0.0	0.0	0.0	14.1	33.0	9.4
Prairie	109.9	0.0	5.8	0.0	17.4	81.0	5.8
St. Francis	80.3	0.0	0.0	0.0	26.8	46.8	6.7
Woodruff	87.0	5.8	0.0	0.0	0.0	69.6	11.6
All counties	2,111.0	67.5	76.5	88.9	451.2	1,257.5	169.4

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

Table 4.—Area of timberland by county and stand-size class, Arkansas Delta, 1995\*

County	All classes	Stand-size class			Nonstocked areas
		Sawtimber	Poletimber	Sapling-seedling	
----- Thousand acres -----					
Arkansas	228.5	140.6	41.0	46.9	0.0
Chicot	71.3	33.3	9.5	28.5	0.0
Clay	79.3	34.0	11.3	34.0	0.0
Craighead	66.0	39.6	26.4	0.0	0.0
Crittenden	44.4	22.2	7.4	14.8	0.0
Cross	45.1	36.1	9.0	0.0	0.0
Desha	152.8	123.7	7.3	14.6	7.3
Greene	71.4	35.7	5.1	30.6	0.0
Jackson	68.8	29.5	29.5	9.8	0.0
Jefferson	218.4	135.2	52.0	31.2	0.0
Lawrence	93.4	35.0	11.7	46.7	0.0
Lee	90.2	82.3	7.9	0.0	0.0
Lincoln	150.8	65.6	32.8	52.5	0.0
Lonoke	122.4	55.6	11.1	55.6	0.0
Mississippi	33.1	22.0	11.0	0.0	0.0
Monroe	138.4	97.4	15.4	25.6	0.0
Phillips	102.9	74.8	17.2	11.0	0.0
Poinsett	56.5	42.4	4.7	9.4	0.0
Prairie	109.9	75.2	17.4	11.6	5.8
St. Francis	80.3	46.8	20.1	6.7	6.7
Woodruff	87.0	52.2	17.4	17.4	0.0
All counties	2,111.0	1,279.2	365.2	446.8	19.8

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

Table 5.—Area of timberland by county and site class, Arkansas Delta, 1995\*

County	All classes	Site class (cubic feet/acre/year)				
		>165	120-165	85-120	50-85	<50
----- Thousand acres -----						
Arkansas	228.5	29.3	70.3	82.0	35.2	11.7
Chicot	71.3	4.8	19.0	14.3	23.8	9.5
Clay	79.3	17.0	22.7	17.0	5.7	17.0
Craighead	66.0	0.0	13.2	19.8	26.4	6.6
Crittenden	44.4	29.6	0.0	7.4	7.4	0.0
Cross	45.1	0.0	18.0	18.0	9.0	0.0
Desha	152.8	43.7	21.8	58.2	29.1	0.0
Greene	71.4	0.0	15.3	5.1	40.8	10.2
Jackson	68.8	9.8	0.0	0.0	19.7	39.3
Jefferson	218.4	15.6	36.4	119.6	41.6	5.2
Lawrence	93.4	0.0	5.8	11.7	52.5	23.4
Lee	90.2	0.0	49.8	28.2	4.4	7.9
Lincoln	150.8	6.6	45.9	72.1	26.2	0.0
Lonoke	122.4	11.1	22.3	44.5	39.0	5.6
Mississippi	33.1	16.5	0.0	11.0	0.0	5.5
Monroe	138.4	5.1	20.5	66.6	41.0	5.1
Phillips	102.9	0.0	31.7	54.0	17.2	0.0
Poinsett	56.5	14.1	9.4	18.8	9.4	4.7
Prairie	109.9	11.6	11.6	23.1	57.8	5.8
St. Francis	80.3	13.4	26.8	26.8	13.4	0.0
Woodruff	87.0	17.4	11.6	17.4	40.6	0.0
All counties	2,111.0	245.5	452.1	715.7	540.1	157.5

\*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, Arkansas Delta, 1995\*

County	All classes	Stocking class (percent)				
		>130	100–130	60–100	16.7–60	<16.7
----- Thousand acres -----						
Arkansas	228.5	5.9	46.9	134.8	23.4	17.6
Chicot	71.3	0.0	0.0	28.5	42.8	0.0
Clay	79.3	0.0	28.3	17.0	28.3	5.7
Craighead	66.0	0.0	6.6	52.8	6.6	0.0
Crittenden	44.4	7.4	14.8	14.8	0.0	7.4
Cross	45.1	0.0	0.0	27.0	18.0	0.0
Desha	152.8	0.0	29.1	87.3	29.1	7.3
Greene	71.4	0.0	20.4	40.8	10.2	0.0
Jackson	68.8	0.0	9.8	29.5	29.5	0.0
Jefferson	218.4	20.8	67.6	78.0	52.0	0.0
Lawrence	93.4	0.0	5.8	64.2	23.4	0.0
Lee	90.2	0.0	7.9	58.5	23.8	0.0
Lincoln	150.8	0.0	19.7	104.9	13.1	13.1
Lonoke	122.4	16.7	11.1	50.1	44.5	0.0
Mississippi	33.1	0.0	5.5	16.5	11.0	0.0
Monroe	138.4	5.1	25.6	82.0	25.6	0.0
Phillips	102.9	0.0	18.4	63.8	20.8	0.0
Poinsett	56.5	0.0	9.4	33.0	14.1	0.0
Prairie	109.9	0.0	34.7	63.6	5.8	5.8
St. Francis	80.3	0.0	6.7	40.2	26.8	6.7
Woodruff	87.0	5.8	11.6	34.8	29.0	5.8
All counties	2,111.0	61.7	380.0	1,122.1	477.9	69.3

\*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, Arkansas Delta, 1995\*

Forest type group	All ownerships	National forest	Other public	Forest industry	Forest industry-leased	Other private
----- Thousand acres -----						
Loblolly-shortleaf pine	144.0	0.0	10.8	48.2	0.0	85.1
Softwood total	144.0	0.0	10.8	48.2	0.0	85.1
Oak-pine	88.9	0.0	11.8	13.1	0.0	64.1
Oak-hickory	451.2	19.1	17.6	0.0	0.0	414.5
Oak-gum-cypress	1,257.5	0.0	304.1	131.2	0.0	822.2
Elm-ash-cottonwood	169.4	0.0	24.1	48.6	0.0	96.7
Hardwood total	1,967.0	19.1	357.6	192.9	0.0	1,397.4
All types	2,111.0	19.1	368.3	241.0	0.0	1,482.5

\*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, Arkansas Delta, 1995\*

Ownership class	All classes	Stocking class (percent)				
		>130	100-130	60-100	16.7-60	<16.7
----- <i>Thousand acres</i> -----						
National forest	19.1	0.0	1.2	14.4	3.5	0.0
Other public	368.3	5.1	101.6	203.8	51.9	5.9
Forest industry	241.0	10.4	49.2	130.9	43.3	7.3
Other private	1,482.5	46.1	228.1	773.0	379.1	56.2
All ownerships	2,111.0	61.7	380.0	1,122.1	477.9	69.3

\*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, Arkansas Delta, 1995\*

Forest type group	All classes	Stand-size class			Nonstocked areas
		Sawtimber	Poletimber	Sapling-seedling	
----- <i>Thousand acres</i> -----					
Loblolly-shortleaf pine	144.0	66.8	26.6	50.6	0.0
Softwood total	144.0	66.8	26.6	50.6	0.0
Oak-pine	88.9	32.3	13.2	43.5	0.0
Oak-hickory	451.2	201.6	101.8	147.8	0.0
Oak-gum-cypress	1,257.5	897.8	198.4	148.8	12.5
Elm-ash-cottonwood	169.4	80.6	25.3	56.2	7.3
Hardwood total	1,967.0	1,212.4	338.6	396.3	19.8
All types	2,111.0	1,279.2	365.2	446.8	19.8

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

Table 10.—Number of live trees on timberland by species and diameter class, Arkansas Delta, 1995\*

Species	Diameter class (inches at breast height)												
	All classes	1.0–2.9	3.0–4.9	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
	----- <i>Thousand trees</i> -----												
Shortleaf-loblolly pines	70,133	28,578	21,951	7,727	4,502	3,339	1,523	1,445	582	248	98	134	7
Cypress	8,038	1,204	1,681	772	1,066	572	572	574	385	304	223	403	282
Other softwoods	11,038	7,268	3,252	182	134	116	87	0	0	0	0	0	0
<b>Total softwoods</b>	<b>89,210</b>	<b>37,051</b>	<b>26,884</b>	<b>8,681</b>	<b>5,701</b>	<b>4,027</b>	<b>2,182</b>	<b>2,019</b>	<b>967</b>	<b>552</b>	<b>320</b>	<b>538</b>	<b>288</b>
Select white oaks	35,650	22,111	3,829	2,918	1,816	1,187	1,424	888	539	414	178	306	38
Select red oaks	18,473	8,034	5,228	1,702	455	473	516	414	308	281	450	515	96
Other white oaks	62,027	27,710	12,338	6,272	4,052	3,630	2,268	1,602	1,257	781	831	1,067	218
Other red oaks	70,655	27,385	16,255	6,311	5,226	3,992	3,212	2,325	1,861	1,298	975	1,412	403
Hickories	80,007	38,827	18,183	7,210	5,641	3,779	2,367	1,721	974	508	272	442	82
Hard maples	4,570	2,793	1,225	408	80	13	42	0	0	0	9	0	0
Soft maples	61,151	37,673	14,220	3,431	2,724	1,361	691	519	174	181	89	68	20
Beech	1,739	831	599	34	0	7	53	29	31	40	24	76	16
Sweetgum	86,406	54,159	13,716	6,253	4,225	3,109	1,991	1,209	803	457	258	216	11
Tupelos-blackgums	52,043	34,124	6,669	2,394	3,452	1,724	1,615	692	425	426	231	260	30
Ashes	55,271	32,052	7,377	5,252	3,386	2,469	1,657	1,245	758	417	256	374	29
Cottonwood-aspen	2,802	477	477	335	194	0	88	53	144	148	279	462	145
Basswood	108	108	0	0	0	0	0	0	0	0	0	0	0
Yellow-poplar	1,753	1,454	0	70	31	0	35	19	22	64	21	31	7
Black walnut	970	940	0	0	0	8	0	23	0	0	0	0	0
Other hardwoods	269,219	163,601	44,459	22,838	15,079	7,951	4,727	3,716	2,271	1,821	1,052	1,524	180
<b>Total hardwoods</b>	<b>802,844</b>	<b>452,280</b>	<b>144,574</b>	<b>65,431</b>	<b>46,362</b>	<b>29,703</b>	<b>20,686</b>	<b>14,453</b>	<b>9,566</b>	<b>6,837</b>	<b>4,926</b>	<b>6,752</b>	<b>1,273</b>
Noncommercial	81,731	58,968	12,867	6,423	2,351	697	266	67	30	19	20	23	0
<b>All species</b>	<b>973,784</b>	<b>548,298</b>	<b>184,325</b>	<b>80,535</b>	<b>54,414</b>	<b>34,427</b>	<b>23,133</b>	<b>16,539</b>	<b>10,563</b>	<b>7,408</b>	<b>5,267</b>	<b>7,313</b>	<b>1,562</b>

\*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, Arkansas Delta, 1995\*

Species	Diameter class (inches at breast height)												
	All classes	1.0–2.9	3.0–4.9	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- <i>Thousand trees</i> -----													
Shortleaf-loblolly pines	60,642	24,572	17,837	6,705	4,203	3,339	1,523	1,445	562	248	98	106	4
Cypress	6,027	667	1,144	600	878	434	334	490	367	304	223	388	198
Other softwoods	7,695	5,061	2,115	182	134	116	87	0	0	0	0	0	0
<b>Total softwoods</b>	<b>74,364</b>	<b>30,301</b>	<b>21,097</b>	<b>7,486</b>	<b>5,215</b>	<b>3,888</b>	<b>1,945</b>	<b>1,935</b>	<b>929</b>	<b>552</b>	<b>320</b>	<b>494</b>	<b>202</b>
Select white oaks	19,187	9,523	1,421	2,415	1,487	1,054	1,222	752	525	345	133	281	30
Select red oaks	13,056	5,663	2,792	1,361	455	473	386	397	291	258	431	480	69
Other white oaks	31,678	5,059	8,304	4,851	3,560	3,198	1,805	1,295	1,048	680	739	957	183
Other red oaks	47,352	10,845	13,045	5,116	4,420	3,775	2,832	2,054	1,710	1,188	844	1,262	261
Hickories	45,174	12,920	12,698	5,519	5,018	3,269	2,129	1,550	837	470	253	435	76
Hard maples	1,565	0	1,026	408	80	0	42	0	0	0	9	0	0
Soft maples	17,529	6,191	5,782	2,182	1,272	927	541	271	112	131	60	61	0
Beech	997	632	200	34	0	0	53	0	9	30	8	32	0
Sweetgum	51,504	26,262	9,794	4,947	3,220	2,668	1,800	1,173	758	405	258	210	9
Tupelos-blackgums	23,931	11,701	2,883	1,917	3,176	1,544	941	670	358	337	184	198	24
Ashes	24,747	9,777	2,576	3,593	2,997	1,954	1,118	1,125	624	405	220	340	16
Cottonwood-aspen	2,175	0	477	215	194	0	88	53	144	148	271	449	136
Yellow-poplar	1,177	935	0	44	31	0	35	4	22	50	19	31	7
Black walnut	30	0	0	0	0	8	0	23	0	0	0	0	0
Other hardwoods	87,024	30,163	14,567	14,660	9,882	5,855	3,546	2,928	1,731	1,495	891	1,187	118
<b>Total hardwoods</b>	<b>367,127</b>	<b>129,671</b>	<b>75,563</b>	<b>47,262</b>	<b>35,792</b>	<b>24,725</b>	<b>16,537</b>	<b>12,294</b>	<b>8,167</b>	<b>5,944</b>	<b>4,320</b>	<b>5,922</b>	<b>930</b>
<b>All species</b>	<b>441,491</b>	<b>159,972</b>	<b>96,659</b>	<b>54,748</b>	<b>41,007</b>	<b>28,614</b>	<b>18,482</b>	<b>14,229</b>	<b>9,096</b>	<b>6,496</b>	<b>4,640</b>	<b>6,416</b>	<b>1,131</b>

\*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, Arkansas Delta, 1995\*

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-loblolly pines	209.8	15.8	27.9	39.6	30.8	42.8	23.4	13.0	5.9	9.9	0.8
Cypress	143.2	1.6	5.1	5.3	5.4	12.1	12.4	13.3	13.0	31.0	43.9
Other softwoods	2.8	0.4	0.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total softwoods</b>	<b>355.9</b>	<b>17.8</b>	<b>33.6</b>	<b>45.7</b>	<b>37.1</b>	<b>55.0</b>	<b>35.8</b>	<b>26.3</b>	<b>19.0</b>	<b>40.9</b>	<b>44.7</b>
Select white oaks	137.7	6.4	7.9	10.6	21.5	19.6	19.7	16.0	7.9	23.8	4.2
Select red oaks	116.6	3.2	2.3	5.3	6.7	9.9	9.2	10.7	21.8	38.7	8.9
Other white oaks	295.3	11.0	18.0	29.6	26.4	28.0	29.9	25.1	36.1	67.6	23.6
Other red oaks	471.2	15.4	25.9	39.9	49.3	52.1	55.8	50.9	44.7	101.2	36.0
Hickories	261.4	11.0	28.9	32.4	34.7	40.6	28.6	22.9	13.3	34.7	14.3
Hard maples	3.0	1.1	0.6	0.0	0.8	0.0	0.0	0.0	0.5	0.0	0.0
Soft maples	50.2	6.1	7.9	8.0	8.6	6.0	3.9	4.6	2.4	2.7	0.0
Beech	6.3	0.2	0.0	0.0	1.2	0.0	0.3	1.6	0.5	2.6	0.0
Sweetgum	216.5	12.1	18.8	28.6	36.7	31.6	30.5	20.8	16.9	18.7	1.7
Tupelos-blackgums	106.7	4.8	16.7	15.4	13.7	14.0	9.9	12.2	7.6	10.6	1.8
Ashes	158.8	7.5	17.7	20.3	18.8	25.1	17.5	17.6	10.5	22.3	1.4
Cottonwood-aspen	110.0	0.5	0.4	0.0	1.9	1.6	5.3	7.7	18.8	51.1	22.7
Yellow-poplar	10.2	0.1	0.1	0.0	0.7	0.1	1.1	2.4	1.1	3.1	1.3
Black walnut	0.7	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0
Other hardwoods	550.3	33.4	57.4	58.4	58.1	70.1	54.9	62.1	49.7	92.6	13.4
<b>Total hardwoods</b>	<b>2,494.7</b>	<b>112.7</b>	<b>202.6</b>	<b>248.6</b>	<b>279.0</b>	<b>299.3</b>	<b>266.7</b>	<b>254.7</b>	<b>231.9</b>	<b>469.9</b>	<b>129.3</b>
<b>All species</b>	<b>2,850.6</b>	<b>130.5</b>	<b>236.2</b>	<b>294.3</b>	<b>316.1</b>	<b>354.3</b>	<b>302.5</b>	<b>281.0</b>	<b>250.9</b>	<b>510.8</b>	<b>174.0</b>

\*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, Arkansas Delta, 1995\*

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-loblolly pines	140.5	31.5	26.9	37.4	19.9	10.9	4.8	8.4	0.6
Cypress	120.9	3.9	4.1	10.3	11.2	11.8	11.6	28.0	40.1
Other softwoods	1.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Total softwoods	263.0	36.2	31.8	47.7	31.1	22.6	16.4	36.4	40.7
Select white oaks	90.2	0.0	16.0	16.1	16.2	12.6	6.4	19.1	3.8
Select red oaks	87.4	0.0	4.9	8.2	7.6	8.7	18.0	32.5	7.6
Other white oaks	191.2	0.0	19.5	21.3	24.3	20.4	29.6	55.8	20.4
Other red oaks	320.6	0.0	35.6	42.0	46.8	42.2	37.4	84.2	32.4
Hickories	154.3	0.0	24.2	33.2	23.8	18.9	11.4	29.8	13.1
Hard maples	1.0	0.0	0.5	0.0	0.0	0.0	0.4	0.0	0.0
Soft maples	20.9	0.0	5.6	4.3	3.2	3.6	1.9	2.2	0.0
Beech	4.7	0.0	0.9	0.0	0.2	1.1	0.4	2.0	0.0
Sweetgum	129.9	0.0	25.8	25.3	27.0	18.6	15.0	16.7	1.4
Tupelos-blackgums	56.1	0.0	9.5	10.4	8.0	10.6	6.8	9.2	1.7
Ashes	92.1	0.0	12.4	19.4	14.4	15.2	9.5	20.1	1.2
Cottonwood-aspen	98.5	0.0	1.4	1.5	4.3	6.9	16.6	46.8	21.1
Yellow-poplar	8.8	0.0	0.5	0.1	0.9	2.2	1.0	2.8	1.2
Black walnut	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Other hardwoods	326.2	0.0	41.8	55.5	44.4	51.7	41.8	79.7	11.3
Total hardwoods	1,582.4	0.0	198.5	237.8	221.3	212.7	196.2	400.6	115.2
All species	1,845.3	36.2	230.3	285.5	252.4	235.4	212.6	437.0	155.9

\*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, Arkansas Delta, 1995\*

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 <sup>†</sup> -----								
Shortleaf–loblolly pines	871.2	168.6	162.8	237.8	132.0	73.8	32.5	59.3	4.4
Cypress	697.4	19.7	20.7	56.5	62.4	67.4	69.7	167.7	233.3
Other softwoods	7.5	3.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total softwoods</b>	<b>1,576.1</b>	<b>191.7</b>	<b>187.5</b>	<b>294.3</b>	<b>194.4</b>	<b>141.1</b>	<b>102.3</b>	<b>227.0</b>	<b>237.7</b>
Select white oaks	565.2	0.0	88.7	97.5	104.4	81.5	40.8	129.5	22.8
Select red oaks	533.1	0.0	25.7	47.8	44.0	52.5	114.6	203.2	45.3
Other white oaks	1,150.7	0.0	103.5	119.4	141.8	123.9	182.6	350.0	129.4
Other red oaks	1,922.1	0.0	192.7	241.6	276.2	256.7	233.2	530.5	191.1
Hickories	944.0	0.0	132.7	199.0	149.4	121.0	71.8	188.8	81.2
Hard maples	5.9	0.0	3.1	0.0	0.0	0.0	2.8	0.0	0.0
Soft maples	121.0	0.0	31.1	24.5	20.1	21.2	11.3	12.8	0.0
Beech	30.3	0.0	5.4	0.0	1.5	7.4	2.6	13.3	0.0
Sweetgum	786.0	0.0	147.7	147.1	165.3	113.8	95.2	107.9	9.0
Tupelos–blackgums	289.9	0.0	46.9	52.9	42.9	54.9	35.8	49.1	7.4
Ashes	512.8	0.0	65.9	104.3	78.0	92.3	53.0	112.5	6.8
Cottonwood–aspen	629.5	0.0	8.2	9.6	26.7	42.8	110.3	306.5	125.3
Yellow–poplar	57.9	0.0	3.1	0.6	6.2	13.9	6.3	19.2	8.6
Black walnut	2.6	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0
Other hardwoods	1,973.9	0.0	232.0	324.8	262.0	321.0	268.7	504.1	61.2
<b>Total hardwoods</b>	<b>9,524.8</b>	<b>0.0</b>	<b>1,086.7</b>	<b>1,371.7</b>	<b>1,318.6</b>	<b>1,302.9</b>	<b>1,229.1</b>	<b>2,527.5</b>	<b>688.2</b>
<b>All species</b>	<b>11,100.9</b>	<b>191.7</b>	<b>1,274.3</b>	<b>1,666.0</b>	<b>1,513.0</b>	<b>1,444.1</b>	<b>1,331.4</b>	<b>2,754.5</b>	<b>926.0</b>

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

<sup>†</sup>International 1/4-inch Rule.

Table 15.—Volume of growing stock and sawtimber on timberland by county and species group, Arkansas Delta, 1995\*

County	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine			Soft <sup>†</sup>	Hard <sup>‡</sup>	All species	Pine			Soft <sup>†</sup>	Hard <sup>‡</sup>
		Planted	Natural	Other				Planted	Natural	Other		
----- Million cubic feet -----						----- Million board feet <sup>§</sup> -----						
Arkansas	293.5	0.3	0.0	15.8	71.3	206.1	1,153.4	0.0	0.0	49.5	267.0	836.9
Chicot	68.1	0.0	0.0	1.1	41.8	25.2	289.8	0.0	0.0	3.8	168.3	117.6
Clay	88.4	0.0	0.0	0.5	29.2	58.6	330.6	0.0	0.0	2.1	101.6	226.9
Craighead	97.0	0.0	2.1	15.9	44.7	34.3	345.0	0.0	5.9	77.4	160.5	101.3
Crittenden	82.1	0.0	0.0	0.2	73.9	8.0	381.0	0.0	0.0	0.0	365.1	15.9
Cross	63.2	0.0	0.0	0.0	7.8	55.4	254.7	0.0	0.0	0.0	22.5	232.3
Desha	249.7	0.0	0.0	24.5	160.2	65.0	1,078.2	0.0	0.0	120.9	672.1	285.1
Greene	63.8	0.0	9.3	0.0	11.7	42.9	256.5	0.0	53.5	0.0	29.9	173.1
Jackson	58.2	0.0	0.0	0.4	12.3	45.6	155.0	0.0	0.0	1.6	44.5	109.0
Jefferson	358.0	27.2	104.1	19.2	67.8	139.6	1,392.3	30.4	494.5	91.4	263.6	512.4
Lawrence	60.4	0.0	0.0	2.8	9.6	47.9	182.9	0.0	0.0	7.5	16.6	158.8
Lee	167.1	0.0	0.0	3.0	85.7	78.4	741.3	0.0	0.0	15.7	386.2	339.5
Lincoln	162.5	11.8	36.4	2.6	32.3	79.4	619.9	38.2	164.4	13.0	91.6	312.7
Lonoke	100.4	7.6	0.0	2.2	23.5	67.2	346.8	38.6	0.0	10.8	63.5	233.9
Mississippi	54.3	0.0	0.0	8.3	29.4	16.6	159.9	0.0	0.0	41.1	75.9	42.9
Monroe	239.1	0.0	10.1	24.4	89.2	115.4	997.5	0.0	45.8	145.3	341.4	465.0
Phillips	161.1	0.0	0.0	0.9	50.4	109.8	633.8	0.0	0.0	4.0	204.5	425.3
Poinsett	76.0	0.0	0.0	1.1	15.0	60.0	318.5	0.0	0.0	4.3	52.6	261.6
Prairie	168.0	0.0	0.9	10.2	51.9	105.0	620.2	0.0	0.0	51.3	191.3	377.6
St. Francis	107.3	0.0	0.0	0.5	41.6	65.2	383.6	0.0	0.0	2.1	118.2	263.3
Woodruff	132.4	0.0	0.0	12.5	46.4	73.5	460.0	0.0	0.0	63.0	123.3	273.6
All counties	2,850.6	46.9	163.0	146.0	995.7	1,499.0	11,100.9	107.2	764.0	704.9	3,760.3	5,764.6

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

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

<sup>‡</sup>Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

<sup>§</sup>International 1/4-inch Rule.

Table 16.—Volume of timber on timberland by class of timber and species group, Arkansas Delta, 1995\*

Class of timber	Softwood				Hardwood	
	All species	Pine			Soft <sup>†</sup>	Hard <sup>‡</sup>
		Planted	Natural	Other		
----- Million cubic feet -----						
Sawtimber trees						
Saw-log portion	1,845.3	19.1	121.3	122.5	623.2	959.1
Upper-stem portion	389.9	5.1	20.6	15.8	129.6	218.8
Total	2,235.2	24.2	141.9	138.3	752.9	1,177.9
Poletimber trees	615.4	22.6	21.1	7.7	242.8	321.1
All growing-stock trees	2,850.6	46.9	163.0	146.0	995.7	1,499.0
Rough trees						
Sawtimber size	164.0	0.9	0.9	11.9	65.5	84.7
Poletimber size	130.9	0.6	3.8	0.8	67.4	58.3
Total	294.9	1.5	4.7	12.7	132.9	143.0
Rotten trees						
Sawtimber size	31.3	0.0	0.0	2.8	10.7	17.8
Poletimber size	2.1	0.0	0.0	0.2	0.8	1.2
Total	33.4	0.0	0.0	2.9	11.5	19.0
Salvable dead trees						
Sawtimber size	19.7	0.0	2.8	0.0	5.7	11.1
Poletimber size	12.8	0.0	0.0	0.0	2.6	10.2
Total	32.5	0.0	2.8	0.0	8.2	21.4
All classes	3,211.4	48.4	170.6	161.7	1,148.4	1,682.4

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

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

<sup>‡</sup>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, Arkansas Delta, 1995\*

Ownership class	Live trees						Growing stock					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft <sup>†</sup>	Hard <sup>‡</sup>		Planted	Natural	Other	Soft <sup>†</sup>	Hard <sup>‡</sup>
----- Million cubic feet -----												
National forest	48.4	0.0	0.0	0.0	10.7	37.7	45.3	0.0	0.0	0.0	10.1	35.2
Other public	771.0	0.0	25.1	42.7	235.0	468.2	708.0	0.0	24.5	39.0	206.9	437.6
Forest industry	406.3	39.6	42.9	22.3	216.9	84.6	373.0	39.0	42.8	20.4	192.3	78.5
Other private	1,953.2	8.7	99.7	96.7	677.5	1,070.5	1,724.3	7.8	95.7	86.7	586.3	947.8
All ownerships	3,178.9	48.4	167.7	161.7	1,140.1	1,661.0	2,850.6	46.9	163.0	146.0	995.7	1,499.0

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

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

<sup>‡</sup>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, Arkansas Delta, 1988–1995\*

County	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	Pine			Soft <sup>†</sup>	Hard <sup>‡</sup>	Pine			Soft <sup>†</sup>	Hard <sup>‡</sup>		
	All species	Planted	Natural			Other	All species	Planted			Natural	Other
----- Million cubic feet -----						----- Million board feet <sup>§</sup> -----						
Arkansas	5.8	0.0	0.0	0.5	0.7	4.6	27.4	0.0	0.0	1.8	4.9	20.6
Chicot	2.8	0.0	0.0	0.1	2.0	0.8	10.8	0.0	0.0	0.4	8.2	2.2
Clay	2.5	0.0	0.0	0.0	0.4	2.1	12.6	0.0	0.0	0.1	2.0	10.6
Craighead	2.8	0.0	0.2	0.1	1.3	1.3	10.0	0.0	0.8	0.4	5.1	3.6
Crittenden	5.0	0.0	0.0	0.0	4.4	0.6	26.2	0.0	0.0	0.0	24.0	2.2
Cross	1.6	0.0	0.0	0.0	0.0	1.7	10.3	0.0	0.0	0.0	0.3	10.0
Desha	7.8	0.0	0.0	0.6	4.5	2.7	50.0	0.0	0.0	2.7	33.2	14.0
Greene	2.4	0.0	0.1	0.0	0.5	1.8	15.2	0.0	2.3	0.0	2.5	10.4
Jackson	2.5	0.0	0.0	0.1	0.6	1.9	9.4	0.0	0.0	0.2	3.2	6.0
Jefferson	14.7	1.9	7.7	0.4	1.4	3.3	74.4	2.8	43.9	1.1	6.7	19.9
Lawrence	3.4	0.0	0.0	0.1	0.3	2.9	11.1	0.0	0.0	0.7	0.1	10.3
Lee	2.6	0.0	0.0	0.0	0.4	2.3	11.1	0.0	0.0	0.0	0.5	10.6
Lincoln	7.6	1.7	1.5	0.1	0.9	3.3	33.2	6.3	10.8	0.4	3.0	12.7
Lonoke	4.3	0.8	0.0	0.0	0.8	2.8	16.6	3.9	0.0	0.0	2.3	10.3
Mississippi	2.8	0.0	0.0	0.5	1.8	0.6	8.7	0.0	0.0	2.0	5.9	0.8
Monroe	4.7	0.0	0.4	0.2	1.7	2.2	32.0	0.0	3.1	1.3	15.5	12.1
Phillips	6.6	0.0	0.0	0.0	2.1	4.5	30.1	0.0	0.0	0.0	11.9	18.2
Poinsett	2.2	0.0	0.0	-0.2	0.2	2.2	11.5	0.0	0.0	-1.1	1.2	11.4
Prairie	5.6	0.0	0.0	0.5	1.0	4.1	25.3	0.0	0.0	2.8	4.5	18.0
St. Francis	4.0	0.0	0.0	0.0	1.7	2.3	16.6	0.0	0.0	0.0	6.4	10.3
Woodruff	5.6	0.0	0.0	0.0	1.8	3.8	20.9	0.0	0.0	0.3	5.7	15.0
All counties	97.5	4.4	9.9	3.1	28.5	51.6	463.5	12.9	60.9	13.3	146.9	229.4

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

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

<sup>‡</sup>Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

<sup>§</sup>International 1/4-inch Rule.

Table 19.—Average annual removals of growing stock and sawtimber on timberland by county and species group, Arkansas Delta, 1988–1995<sup>1</sup>

County	Growing stock						Sawtimber					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Planted	Natural	Other	Soft <sup>†</sup>	Hard <sup>‡</sup>		Planted	Natural	Other	Soft <sup>†</sup>	Hard <sup>‡</sup>
----- Million cubic feet -----						----- Million board feet <sup>§</sup> -----						
Arkansas	9.2	0.0	0.0	0.6	4.7	3.9	44.6	0.0	0.0	3.2	22.9	18.6
Chicot	4.5	0.0	0.0	0.0	3.0	1.5	21.5	0.0	0.0	0.0	14.4	7.1
Clay	3.9	0.0	0.0	0.0	1.1	2.8	20.4	0.0	0.0	0.0	6.0	14.4
Craighead	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.3
Crittenden	1.2	0.0	0.0	0.1	0.8	0.3	3.1	0.0	0.0	0.0	2.5	0.6
Cross	1.3	0.0	0.0	0.0	0.0	1.3	6.9	0.0	0.0	0.0	0.0	6.9
Desha	9.4	0.0	0.0	0.0	6.3	3.1	45.9	0.0	0.0	0.1	28.6	17.2
Greene	2.3	0.0	0.1	0.0	0.5	1.7	11.2	0.0	0.4	0.0	2.7	8.2
Jackson	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jefferson	3.6	0.0	2.8	0.0	0.1	0.8	11.9	0.0	9.1	0.0	0.1	2.6
Lawrence	2.2	0.0	0.0	0.0	0.1	2.0	10.1	0.0	0.0	0.0	0.7	9.4
Lee	0.2	0.0	0.0	0.0	0.0	0.2	0.9	0.0	0.0	0.0	0.0	0.9
Lincoln	8.6	0.0	4.6	0.0	0.6	3.5	35.9	0.0	22.9	0.0	2.0	11.0
Lonoke	2.2	0.0	0.0	0.1	1.2	0.9	7.6	0.0	0.0	0.7	3.0	4.0
Mississippi	0.3	0.0	0.0	0.0	0.3	0.0	1.5	0.0	0.0	0.0	1.5	0.0
Monroe	3.9	0.0	0.2	0.0	1.0	2.7	19.3	0.0	1.0	0.0	4.3	14.0
Phillips	2.2	0.0	0.0	0.0	1.1	1.1	12.8	0.0	0.0	0.0	6.8	5.9
Poinsett	2.7	0.0	0.0	0.1	0.8	1.9	13.9	0.0	0.0	0.3	4.4	9.2
Prairie	6.6	0.0	0.0	0.4	4.2	1.9	27.2	0.0	0.0	1.8	15.2	10.2
St. Francis	0.5	0.0	0.0	0.0	0.0	0.5	1.6	0.0	0.0	0.0	0.0	1.6
Woodruff	1.3	0.0	0.0	0.1	0.1	1.1	6.7	0.0	0.0	0.4	0.5	5.8
All counties	66.3	0.0	7.7	1.4	25.9	31.3	303.2	0.0	33.4	6.4	115.5	147.8

<sup>\*</sup>Numbers in columns and rows may not add to totals due to rounding.

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

<sup>‡</sup>Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

<sup>§</sup>International 1/4-inch Rule.

Table 20.—Average net annual growth and average annual removals of growing stock on timberland by species, Arkansas Delta, 1988–1995<sup>\*</sup>

Species	Growth	Removals
----- Million cubic feet -----		
Yellow pines	14.3	7.7
Other softwoods	3.1	1.4
Total softwoods	17.4	9.1
Select white–red oaks	10.5	5.1
Other white–red oaks	26.1	16.4
Hickories	8.1	5.7
Hard maples	0.1	0.0
Sweetgum	6.8	8.4
Ashes–walnut–black cherry	6.4	3.5
Yellow–poplar	0.3	0.1
Other hardwoods	21.8	17.9
Total hardwoods	80.1	57.2
All species	97.5	66.3

<sup>\*</sup>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, Arkansas Delta, 1988–1995\*

Species	Growth	Removals
	----- Million board feet <sup>†</sup> -----	
Yellow pines	73.8	33.4
Other softwoods	13.3	6.4
Total softwoods	87.2	39.8
Select white–red oaks	49.1	24.6
Other white–red oaks	120.0	76.9
Hickories	31.2	27.1
Hard maples	0.4	0.0
Sweetgum	38.5	43.1
Ashes–walnut–black cherry	28.3	16.1
Yellow–poplar	2.2	0.6
Other hardwoods	106.5	74.8
Total hardwoods	376.3	263.3
All species	463.5	303.2

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

<sup>†</sup>International 1/4-inch Rule..

Table 22.—Average annual mortality of growing stock and sawtimber on timberland by species, Arkansas Delta, 1988–1995\*

Species	Growing stock	Sawtimber
	Million cubic feet	Million board feet <sup>†</sup>
Yellow pines	1.7	7.2
Other softwoods	0.1	0.3
Total softwoods	1.8	7.5
Select white–red oaks	1.0	3.8
Other white–red oaks	5.5	18.5
Hickories	2.6	7.9
Sweetgum	2.3	9.6
Ashes–walnut–black cherry	1.1	3.8
Other hardwoods	15.0	55.0
Total hardwoods	27.4	98.6
All species	29.2	106.1

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

<sup>†</sup>International 1/4-inch Rule..

Table 23.—Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, Arkansas Delta, 1988–1995\*

Ownership class	Growth						Removals					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft <sup>†</sup>	Hard <sup>‡</sup>	All species	Pine		Other	Soft <sup>†</sup>	Hard <sup>‡</sup>
		Planted	Natural					Planted	Natural			
----- Million cubic feet -----												
National forest	1.4	0.0	0.0	0.0	0.3	1.1	0.3	0.0	0.0	0.0	0.0	0.3
Other public	16.2	0.0	1.6	0.5	3.0	11.1	5.1	0.0	0.1	0.2	1.9	2.9
Forest industry	16.1	3.1	5.2	0.5	4.4	2.9	17.4	0.0	3.1	0.0	10.1	4.2
Other private	63.8	1.3	3.1	2.1	20.8	36.6	43.5	0.0	4.5	1.3	13.9	23.9
All ownerships	97.5	4.4	9.9	3.1	28.5	51.6	66.3	0.0	7.7	1.4	25.9	31.3

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

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

<sup>‡</sup>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, Arkansas Delta, 1988–1995\*

Ownership class	Growth						Removals					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft <sup>†</sup>	Hard <sup>‡</sup>	All species	Pine		Other	Soft <sup>†</sup>	Hard <sup>‡</sup>
		Planted	Natural					Planted	Natural			
----- Million board feet <sup>§</sup> -----												
National forest	8.5	0.0	0.0	0.0	1.9	6.7	1.7	0.0	0.0	0.0	0.0	1.7
Other public	87.7	0.0	10.0	2.2	19.0	56.5	22.0	0.0	0.6	0.3	7.0	14.1
Forest industry	77.3	6.4	23.4	2.7	31.4	13.4	79.4	0.0	8.5	0.0	48.3	22.6
Other private	289.9	6.5	27.5	8.4	94.6	152.8	200.1	0.0	24.3	6.1	60.3	109.4
All ownerships	463.5	12.9	60.9	13.3	146.9	229.4	303.2	0.0	33.4	6.4	115.5	147.8

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

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

<sup>‡</sup>Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and green and white ash.

<sup>§</sup>International 1/4-inch Rule.

Table 25.—Volume of sawtimber on timberland by species and tree grade, Arkansas Delta, 1995\*

Species	All grades	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
----- Million board feet† -----						
Yellow pines	871.2	178.5	178.2	514.5	0.0	0.0
Cypress	697.4	202.1	133.0	248.5	0.0	113.9
Redcedars	7.5	6.5	0.0	0.0	0.0	1.0
<b>Total softwoods</b>	<b>1,576.1</b>	<b>387.1</b>	<b>311.1</b>	<b>762.9</b>	<b>0.0</b>	<b>114.9</b>
Select white-red oaks	1,098.3	419.9	259.3	245.1	97.0	77.0
Other white-red oaks	3,072.8	909.1	721.4	766.8	500.4	175.0
Hickories	944.0	202.1	241.8	347.9	95.4	56.8
Hard maples	5.9	0.0	0.0	3.1	0.0	2.8
Sweetgum	786.0	229.5	264.1	226.2	28.0	38.2
Tupelos and blackgums	289.9	58.1	68.9	79.8	3.9	79.1
Ashes-walnut-black cherry	518.3	188.7	137.8	129.4	7.5	54.8
Yellow-poplar	57.9	19.4	27.8	5.0	3.2	2.5
Other hardwoods	2,751.8	753.3	599.6	801.1	336.1	261.8
<b>Total hardwoods</b>	<b>9,524.8</b>	<b>2,780.2</b>	<b>2,320.8</b>	<b>2,604.3</b>	<b>1,071.6</b>	<b>748.0</b>
<b>All species</b>	<b>11,100.9</b>	<b>3,167.2</b>	<b>2,631.9</b>	<b>3,367.3</b>	<b>1,071.6</b>	<b>862.9</b>

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

†International 1/4-inch Rule.

## Supplemental Tables 26 through 44

Table 26.—Area of timberland by stand age, forest type group, and stand origin, Arkansas Delta, 1995\*

Stand age class	Pine		Oak-pine		Other hardwood types	
	Planted	Natural	Planted	Natural	Planted	Natural
<i>Years</i>	----- <i>Thousand acres</i> -----					
1-10	39.8	11.3	6.6	5.8	5.6	34.2
11-20	10.4	5.2	0.0	0.0	0.0	11.4
21-30	5.2	5.2	0.0	0.0	0.0	5.2
31-40	5.6	5.2	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	5.9
Mixed	6.6	49.5	12.1	64.4	0.0	1,815.9
Total	67.5	76.5	18.7	70.3	5.6	1,872.5

\*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, Arkansas Delta, 1995\*

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> -----							
Arkansas	16.1	0.3	0.0	0.0	0.0	15.8	0.0
Chicot	1.1	0.0	0.0	0.0	0.0	0.2	0.8
Clay	0.5	0.0	0.0	0.0	0.0	0.5	0.0
Craighead	18.0	0.0	0.0	2.1	0.0	9.1	6.7
Crittenden	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Cross	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Desha	24.5	0.0	0.0	0.0	0.0	24.5	0.0
Greene	9.3	0.0	0.0	4.5	4.8	0.0	0.0
Jackson	0.4	0.0	0.0	0.0	0.0	0.4	0.0
Jefferson	150.6	27.2	86.3	9.3	8.5	19.2	0.0
Lawrence	2.8	0.0	0.0	0.0	2.8	0.0	0.0
Lee	3.0	0.0	0.0	0.0	0.0	3.0	0.0
Lincoln	50.8	7.9	17.4	18.7	4.2	2.6	0.0
Lonoke	9.7	7.6	0.0	0.0	0.0	2.2	0.0
Mississippi	8.3	0.0	0.0	0.0	0.0	8.3	0.0
Monroe	34.5	0.0	0.0	9.8	0.3	24.4	0.0
Phillips	0.9	0.0	0.0	0.0	0.0	0.9	0.0
Poinsett	1.1	0.0	0.0	0.0	0.0	0.4	0.7
Prairie	11.2	0.0	0.9	0.0	0.0	10.2	0.0
St. Francis	0.5	0.0	0.0	0.0	0.0	0.5	0.0
Woodruff	12.5	0.0	0.0	0.0	0.0	12.5	0.0
All counties	355.9	42.9	104.7	44.4	20.6	134.7	8.5

\*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, Arkansas Delta, 1995\*

County	Forest type group						
	Total	Loblolly–shortleaf pine		Oak– pine	Oak– hickory	Oak–gum– cypress	Elm–ash– cottonwood
		Planted	Natural				
----- Million cubic feet -----							
Arkansas	277.4	0.0	0.0	0.0	30.1	238.1	9.2
Chicot	67.0	0.0	0.0	0.0	0.0	52.7	14.3
Clay	87.9	1.5	0.0	0.0	6.2	80.2	0.0
Craighead	79.0	0.0	0.0	1.5	15.4	38.4	23.8
Crittenden	81.8	0.0	0.0	0.0	0.0	24.6	57.2
Cross	63.2	0.0	0.0	0.0	33.2	30.0	0.0
Desha	225.2	0.0	0.0	0.0	0.0	178.9	46.3
Greene	54.5	0.0	0.0	6.0	43.6	4.9	0.0
Jackson	57.8	0.0	0.0	0.0	28.2	29.7	0.0
Jefferson	207.4	4.3	19.3	15.1	48.3	95.0	25.3
Lawrence	57.6	0.0	0.0	1.0	26.5	30.0	0.0
Lee	164.1	0.0	0.0	0.0	30.0	104.5	29.6
Lincoln	111.7	1.2	1.7	8.9	37.3	62.6	0.0
Lonoke	90.7	0.0	0.0	2.0	18.1	68.6	2.0
Mississippi	46.0	0.0	0.0	0.0	0.0	30.6	15.4
Monroe	204.6	0.0	0.0	7.3	9.3	187.8	0.3
Phillips	160.2	0.0	0.0	0.0	58.4	101.9	0.0
Poinsett	74.9	0.0	0.0	0.0	14.0	56.7	4.2
Prairie	156.8	0.0	0.0	0.0	30.1	124.5	2.2
St. Francis	106.8	0.0	0.0	0.0	22.9	78.4	5.6
Woodruff	119.8	0.0	0.0	0.0	0.0	118.9	0.9
All counties	2,494.7	7.0	21.1	41.7	451.6	1,737.0	236.3

\*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, Arkansas Delta, 1995\*

County	Forest type group						
	Total	Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
		Planted	Natural				
----- Million cubic feet -----							
Arkansas	9.9	0.0	0.0	0.0	0.0	9.9	0.0
Chicot	0.9	0.0	0.0	0.0	0.0	0.2	0.7
Clay	0.4	0.0	0.0	0.0	0.0	0.4	0.0
Craighead	14.3	0.0	0.0	1.1	0.0	7.5	5.7
Crittenden	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cross	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Desha	21.3	0.0	0.0	0.0	0.0	21.3	0.0
Greene	8.3	0.0	0.0	4.2	4.1	0.0	0.0
Jackson	0.3	0.0	0.0	0.0	0.0	0.3	0.0
Jefferson	100.1	6.0	64.4	7.6	5.5	16.6	0.0
Lawrence	1.6	0.0	0.0	0.0	1.6	0.0	0.0
Lee	2.6	0.0	0.0	0.0	0.0	2.6	0.0
Lincoln	35.7	3.6	13.2	13.3	3.3	2.3	0.0
Lonoke	8.0	6.2	0.0	0.0	0.0	1.8	0.0
Mississippi	7.4	0.0	0.0	0.0	0.0	7.4	0.0
Monroe	30.8	0.0	0.0	7.8	0.2	22.8	0.0
Phillips	0.8	0.0	0.0	0.0	0.0	0.8	0.0
Poinsett	0.8	0.0	0.0	0.0	0.0	0.3	0.5
Prairie	8.8	0.0	0.0	0.0	0.0	8.8	0.0
St. Francis	0.4	0.0	0.0	0.0	0.0	0.4	0.0
Woodruff	10.4	0.0	0.0	0.0	0.0	10.4	0.0
All counties	263.0	15.7	77.6	34.0	14.8	113.9	7.0

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

Table 30.—Volume of hardwood growing stock in the sawlog portion of sawtimber trees on timberland by county and forest type group, Arkansas Delta, 1995\*

County	Total	Forest type group					
		Loblolly-shortleaf pine		Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood
		Planted	Natural				
----- Million cubic feet -----							
Arkansas	186.1	0.0	0.0	0.0	16.9	165.5	3.7
Chicot	48.3	0.0	0.0	0.0	0.0	38.4	9.9
Clay	55.2	0.5	0.0	0.0	2.2	52.5	0.0
Craighead	42.7	0.0	0.0	0.0	5.4	22.8	14.5
Crittenden	62.7	0.0	0.0	0.0	0.0	15.3	47.5
Cross	41.9	0.0	0.0	0.0	24.4	17.5	0.0
Desha	156.4	0.0	0.0	0.0	0.0	125.7	30.8
Greene	33.5	0.0	0.0	4.7	25.9	3.0	0.0
Jackson	26.5	0.0	0.0	0.0	9.2	17.2	0.0
Jefferson	127.0	1.0	9.9	7.7	26.5	60.8	21.0
Lawrence	30.8	0.0	0.0	0.6	12.3	17.9	0.0
Lee	112.7	0.0	0.0	0.0	21.9	65.4	25.4
Lincoln	67.7	0.8	0.3	2.7	19.6	44.4	0.0
Lonoke	51.4	0.0	0.0	0.4	9.8	41.2	0.0
Mississippi	22.7	0.0	0.0	0.0	0.0	15.5	7.2
Monroe	133.2	0.0	0.0	3.8	3.8	125.2	0.3
Phillips	105.4	0.0	0.0	0.0	45.5	60.0	0.0
Poinsett	51.9	0.0	0.0	0.0	9.8	38.7	3.4
Prairie	97.7	0.0	0.0	0.0	14.8	81.6	1.4
St. Francis	61.9	0.0	0.0	0.0	11.7	49.7	0.5
Woodruff	66.5	0.0	0.0	0.0	0.0	66.5	0.0
All counties	1,582.4	2.4	10.2	19.9	259.7	1,124.8	165.4

\*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, Arkansas Delta, 1995\*

County	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
----- Million cubic feet -----							
Arkansas	327.3	16.1	277.4	2.5	26.3	0.8	4.1
Chicot	78.4	1.1	67.0	0.0	10.1	0.0	0.3
Clay	97.6	0.5	87.9	0.0	8.3	0.0	0.9
Craighead	114.8	18.0	79.0	1.8	13.7	0.2	2.1
Crittenden	87.4	0.2	81.8	0.0	4.8	0.0	0.6
Cross	72.2	0.0	63.2	0.0	5.6	0.0	3.4
Desha	280.8	24.5	225.2	1.9	26.5	1.0	1.7
Greene	73.2	9.3	54.5	0.3	8.2	0.0	0.9
Jackson	70.4	0.4	57.8	0.0	12.0	0.0	0.1
Jefferson	381.4	150.6	207.4	4.3	17.1	0.6	1.4
Lawrence	67.9	2.8	57.6	0.0	7.6	0.0	0.0
Lee	186.2	3.0	164.1	0.0	15.3	0.0	3.9
Lincoln	181.6	50.8	111.7	1.9	17.2	0.0	0.0
Lonoke	118.7	9.7	90.7	1.5	16.1	0.2	0.5
Mississippi	58.1	8.3	46.0	0.0	3.1	0.0	0.7
Monroe	263.1	34.5	204.6	0.0	21.5	0.0	2.5
Phillips	175.5	0.9	160.2	0.0	12.7	0.0	1.7
Poinsett	87.9	1.1	74.9	2.0	8.7	0.0	1.2
Prairie	188.2	11.2	156.8	1.7	17.3	0.0	1.2
St. Francis	120.3	0.5	106.8	0.0	10.1	0.0	2.8
Woodruff	148.0	12.5	119.8	1.0	14.0	0.1	0.5
All counties	3,178.9	355.9	2,494.7	19.0	275.9	2.9	30.5

\*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, Arkansas Delta, 1995\*

Species	Diameter class (inches at breast height)												
	All classes	1.0–2.9	3.0–4.9	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- <i>Thousand trees</i> -----													
Shortleaf pine	11,264	8,144	0	1,014	669	426	514	275	88	102	9	24	0
Loblolly pine	58,869	20,434	21,951	6,713	3,833	2,912	1,010	1,170	494	146	88	111	7
Redcedars	11,038	7,268	3,252	182	134	116	87	0	0	0	0	0	0
Cypress	8,038	1,204	1,681	772	1,066	572	572	574	385	304	223	403	282
<b>Total softwoods</b>	<b>89,210</b>	<b>37,051</b>	<b>26,884</b>	<b>8,681</b>	<b>5,701</b>	<b>4,027</b>	<b>2,182</b>	<b>2,019</b>	<b>967</b>	<b>552</b>	<b>320</b>	<b>538</b>	<b>288</b>
Select white oaks	35,650	22,111	3,829	2,918	1,816	1,187	1,424	888	539	414	178	306	38
Select red oaks	18,473	8,034	5,228	1,702	455	473	516	414	308	281	450	515	96
Other white oaks	62,027	27,710	12,338	6,272	4,052	3,630	2,268	1,602	1,257	781	831	1,067	218
Other red oaks	70,655	27,385	16,255	6,311	5,226	3,992	3,212	2,325	1,861	1,298	975	1,412	403
Sweet pecan	6,286	2,288	1,869	474	498	399	137	317	128	46	34	83	12
Water hickory	18,893	8,752	3,501	1,242	1,680	1,127	908	663	308	233	127	282	69
Other hickories	54,828	27,787	12,813	5,494	3,464	2,253	1,322	741	539	229	111	76	0
Persimmon	31,916	23,372	3,066	2,872	1,503	621	353	94	36	0	0	0	0
Hard maples	4,570	2,793	1,225	408	80	13	42	0	0	0	9	0	0
Soft maples	37,100	24,921	7,389	2,179	1,189	509	387	220	99	74	80	34	20
Boxelder	24,051	12,752	6,830	1,252	1,535	852	304	298	75	107	10	34	0
Beech	1,739	831	599	34	0	7	53	29	31	40	24	76	16
Sweetgum	86,406	54,159	13,716	6,253	4,225	3,109	1,991	1,209	803	457	258	216	11
Blackgum	31,020	26,630	2,375	374	646	188	378	175	63	58	68	65	0
Other gums/tupelos	21,023	7,494	4,295	2,020	2,806	1,536	1,237	517	362	368	162	196	30
White ash	3,301	3,173	0	0	63	0	0	19	16	0	8	21	0
Other ashes	51,971	28,878	7,377	5,252	3,323	2,469	1,657	1,226	742	417	248	352	29
Sycamore	3,394	1,606	0	565	297	155	123	218	131	100	42	139	20
Cottonwoods	2,802	477	477	335	194	0	88	53	144	148	279	462	145
Basswoods	108	108	0	0	0	0	0	0	0	0	0	0	0
Yellow–poplar	1,753	1,454	0	70	31	0	35	19	22	64	21	31	7
Magnolias	7	0	0	0	0	0	0	0	3	0	0	4	0
Willow	19,516	5,235	4,754	2,402	1,970	1,391	1,038	550	500	410	410	757	100
Black walnut	970	940	0	0	0	8	0	23	0	0	0	0	0
Black cherry	7,814	5,820	537	619	718	43	0	63	0	0	0	13	0
American elm	34,606	20,883	5,665	2,999	2,418	1,296	449	471	192	50	61	100	24
Other elms	77,565	53,479	13,706	5,578	2,510	901	529	299	295	129	71	68	0
River birch	308	0	0	110	105	0	52	18	13	0	0	6	4
Hackberries	57,675	28,091	10,221	5,737	4,148	3,208	1,816	1,777	865	1,022	388	380	22
Black locust	62	0	0	0	0	62	0	0	0	0	0	0	0
Other locusts	4,337	1,029	1,029	458	708	177	305	203	203	109	53	56	7
Sassafras	4,965	3,099	1,183	442	151	10	9	23	19	3	27	0	0
Dogwood	21,100	17,292	3,237	488	83	0	0	0	0	0	0	0	0
Holly	477	477	0	0	0	0	0	0	0	0	0	0	0
Other commercial	5,477	3,220	1,061	567	471	88	53	0	14	0	0	0	4
<b>Total hardwoods</b>	<b>802,844</b>	<b>452,280</b>	<b>144,574</b>	<b>65,431</b>	<b>46,362</b>	<b>29,703</b>	<b>20,686</b>	<b>14,453</b>	<b>9,566</b>	<b>6,837</b>	<b>4,926</b>	<b>6,752</b>	<b>1,273</b>
Noncommercial	81,731	58,968	12,867	6,423	2,351	697	266	67	30	19	20	23	0
<b>All species</b>	<b>973,784</b>	<b>548,298</b>	<b>184,325</b>	<b>80,535</b>	<b>54,414</b>	<b>34,427</b>	<b>23,133</b>	<b>16,539</b>	<b>10,563</b>	<b>7,408</b>	<b>5,267</b>	<b>7,313</b>	<b>1,562</b>

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

Table 33.—Number of growing-stock trees on timberland by detailed species and diameter class, Arkansas Delta, 1995\*

Species	Diameter class (inches at breast height)										
	All classes	5.0–6.9	7.0–8.9	9.0–10.9	11.0–12.9	13.0–14.9	15.0–16.9	17.0–18.9	19.0–20.9	21.0–28.9	≥29.0
----- Thousand trees -----											
Shortleaf pine	2,951	913	600	426	514	275	88	102	9	24	0
Loblolly pine	15,281	5,791	3,603	2,912	1,010	1,170	474	146	88	83	4
Redcedars	518	182	134	116	87	0	0	0	0	0	0
Cypress	4,216	600	878	434	334	490	367	304	223	388	198
<b>Total softwoods</b>	<b>22,967</b>	<b>7,486</b>	<b>5,215</b>	<b>3,888</b>	<b>1,945</b>	<b>1,935</b>	<b>929</b>	<b>552</b>	<b>320</b>	<b>494</b>	<b>202</b>
Select white oaks	8,243	2,415	1,487	1,054	1,222	752	525	345	133	281	30
Select red oaks	4,601	1,361	455	473	386	397	291	258	431	480	69
Other white oaks	18,315	4,851	3,560	3,198	1,805	1,295	1,048	680	739	957	183
Other red oaks	23,462	5,116	4,420	3,775	2,832	2,054	1,710	1,188	844	1,262	261
Sweet pecan	1,907	378	498	290	137	317	111	46	34	83	12
Water hickory	5,385	900	1,354	964	729	519	253	219	108	275	64
Other hickories	12,263	4,241	3,166	2,015	1,263	714	472	205	111	76	0
Persimmon	4,623	2,285	1,331	583	313	76	36	0	0	0	0
Hard maples	539	408	80	0	42	0	0	0	9	0	0
Soft maples	3,152	1,359	681	353	359	166	99	51	50	34	0
Boxelder	2,404	823	591	574	182	105	13	80	10	27	0
Beech	166	34	0	0	53	0	9	30	8	32	0
Sweetgum	15,448	4,947	3,220	2,668	1,800	1,173	758	405	258	210	9
Blackgum	1,304	142	370	78	353	175	46	42	58	40	0
Other gums/tupelos	8,044	1,775	2,806	1,465	588	495	312	295	127	157	24
White ash	128	0	63	0	0	19	16	0	8	21	0
Other ashes	12,266	3,593	2,934	1,954	1,118	1,107	608	405	212	318	16
Sycamore	1,502	354	227	155	123	218	131	100	42	139	13
Cottonwoods	1,698	215	194	0	88	53	144	148	271	449	136
Yellow–poplar	242	44	31	0	35	4	22	50	19	31	7
Magnolias	7	0	0	0	0	0	3	0	0	4	0
Willow	7,454	2,218	1,443	870	772	470	337	382	309	574	78
Black walnut	30	0	0	8	0	23	0	0	0	0	0
Black cherry	711	327	341	0	0	43	0	0	0	0	0
American elm	5,737	1,956	1,673	1,025	354	348	192	36	61	87	5
Other elms	7,381	3,554	1,874	750	402	278	279	129	62	54	0
River birch	210	110	44	0	25	18	13	0	0	0	0
Hackberries	12,428	3,083	2,233	2,285	1,325	1,382	650	782	370	303	15
Other locusts	1,559	224	663	177	207	96	76	65	19	26	7
Sassafras	194	142	0	10	0	0	14	3	27	0	0
Other commercial	487	407	53	0	26	0	0	0	0	0	0
<b>Total hardwoods</b>	<b>161,893</b>	<b>47,262</b>	<b>35,792</b>	<b>24,725</b>	<b>16,537</b>	<b>12,294</b>	<b>8,167</b>	<b>5,944</b>	<b>4,320</b>	<b>5,922</b>	<b>930</b>
<b>All species</b>	<b>184,860</b>	<b>54,748</b>	<b>41,007</b>	<b>28,614</b>	<b>18,482</b>	<b>14,229</b>	<b>9,096</b>	<b>6,496</b>	<b>4,640</b>	<b>6,416</b>	<b>1,131</b>

\*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, Arkansas Delta, 1995\*

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	47.7	3.5	5.3	6.2	11.4	9.4	3.5	5.7	0.8	2.1	0.0
Loblolly pine	168.3	14.5	24.8	33.4	19.4	33.5	20.2	7.3	5.2	9.0	1.1
Redcedars	2.8	0.4	0.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
Cypress	158.9	2.1	5.6	6.3	7.6	13.5	12.7	13.3	13.0	32.1	52.7
<b>Total softwoods</b>	<b>377.8</b>	<b>20.5</b>	<b>36.3</b>	<b>46.8</b>	<b>39.3</b>	<b>56.3</b>	<b>36.4</b>	<b>26.3</b>	<b>19.0</b>	<b>43.1</b>	<b>53.8</b>
Select white oaks	148.7	7.5	9.4	12.0	23.5	21.2	20.0	17.5	8.7	24.5	4.5
Select red oaks	122.9	3.6	2.3	5.3	8.2	10.2	9.4	11.3	22.4	39.8	10.6
Other white oaks	325.3	13.5	20.5	32.4	31.5	31.8	33.7	26.8	38.6	71.4	25.2
Other red oaks	507.8	17.7	28.6	40.9	52.5	55.4	58.2	54.1	48.6	106.7	45.0
Sweet pecan	38.2	1.0	3.3	3.9	2.7	8.7	4.5	2.3	2.1	7.3	2.5
Water hickory	111.4	2.3	9.1	10.6	13.7	15.2	10.0	10.3	5.9	22.4	11.9
Other hickories	129.2	10.5	18.5	21.2	20.1	19.1	17.4	11.2	5.9	5.3	0.0
Persimmon	30.1	6.3	8.2	6.2	6.6	1.9	1.0	0.0	0.0	0.0	0.0
Hard maples	3.1	1.1	0.6	0.1	0.8	0.0	0.0	0.0	0.5	0.0	0.0
Soft maples	36.2	4.4	5.6	4.3	6.1	5.1	3.4	2.4	2.8	1.6	0.5
Boxelder	31.6	3.2	7.5	6.8	3.7	4.1	1.3	3.5	0.3	1.2	0.0
Beech	10.5	0.2	0.0	0.1	1.2	0.2	0.9	1.7	1.0	4.2	1.0
Sweetgum	234.8	15.8	24.4	31.9	39.2	32.2	31.2	21.9	16.9	19.2	1.9
Blackgum	22.3	0.5	2.4	1.3	5.1	3.2	1.3	2.1	3.0	3.5	0.0
Other gums/tupelos	101.4	5.1	15.1	15.1	16.5	11.2	9.6	11.9	5.8	8.8	2.4
White ash	2.9	0.0	0.4	0.0	0.0	0.5	0.4	0.0	0.4	1.3	0.0
Other ashes	175.8	9.7	19.3	24.1	24.8	26.2	19.2	17.8	10.9	22.0	1.9
Sycamore	42.4	1.3	2.0	1.8	2.4	5.8	5.7	4.4	2.7	13.6	2.7
Cottonwoods	111.5	0.5	0.4	0.0	1.9	1.6	5.3	7.7	19.2	51.4	23.4
Yellow-poplar	10.8	0.1	0.1	0.0	0.7	0.3	1.1	2.8	1.2	3.1	1.3
Magnolias	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0
Willow	170.4	4.5	12.9	11.7	16.1	13.4	12.5	16.5	21.7	51.4	9.6
Black walnut	0.7	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0
Black cherry	6.3	1.3	3.3	0.4	0.0	1.1	0.0	0.0	0.0	0.2	0.0
American elm	62.5	5.3	11.8	11.8	7.1	8.5	5.3	1.8	2.7	6.1	2.1
Other elms	70.8	11.4	12.9	8.6	8.3	6.8	9.3	6.0	3.4	4.2	0.0
River birch	2.7	0.3	0.5	0.0	1.0	0.3	0.4	0.0	0.0	0.0	0.1
Hackberries	232.0	12.9	19.5	30.4	23.5	38.9	24.8	36.5	20.8	23.5	1.1
Black locust	0.3	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other locusts	27.6	0.8	4.6	1.5	4.1	3.2	4.6	3.7	1.6	2.4	1.1
Sassafras	2.8	0.6	0.4	0.1	0.1	0.0	0.4	0.1	1.1	0.0	0.0
Dogwood	1.0	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other commercial	3.9	1.0	1.4	0.7	0.6	0.0	0.0	0.0	0.0	0.0	0.1
<b>Total hardwoods</b>	<b>2,778.6</b>	<b>143.5</b>	<b>245.2</b>	<b>283.6</b>	<b>321.7</b>	<b>326.5</b>	<b>291.1</b>	<b>274.2</b>	<b>248.3</b>	<b>495.6</b>	<b>149.0</b>
Noncommercial	22.5	9.7	7.0	2.5	1.3	0.5	0.8	0.1	0.2	0.2	0.0
<b>All species</b>	<b>3,178.9</b>	<b>173.8</b>	<b>288.5</b>	<b>333.0</b>	<b>362.3</b>	<b>383.3</b>	<b>328.3</b>	<b>300.6</b>	<b>267.5</b>	<b>538.9</b>	<b>202.8</b>

\*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, Arkansas Delta, 1995\*

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	47.0	3.2	4.8	6.2	11.4	9.4	3.5	5.7	0.8	2.1	0.0
Loblolly pine	162.8	12.6	23.0	33.4	19.4	33.5	19.9	7.3	5.2	7.8	0.8
Redcedars	2.8	0.4	0.6	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0
Cypress	143.2	1.6	5.1	5.3	5.4	12.1	12.4	13.3	13.0	31.0	43.9
<b>Total softwoods</b>	<b>355.9</b>	<b>17.8</b>	<b>33.6</b>	<b>45.7</b>	<b>37.1</b>	<b>55.0</b>	<b>35.8</b>	<b>26.3</b>	<b>19.0</b>	<b>40.9</b>	<b>44.7</b>
Select white oaks	137.7	6.4	7.9	10.6	21.5	19.6	19.7	16.0	7.9	23.8	4.2
Select red oaks	116.6	3.2	2.3	5.3	6.7	9.9	9.2	10.7	21.8	38.7	8.9
Other white oaks	295.3	11.0	18.0	29.6	26.4	28.0	29.9	25.1	36.1	67.6	23.6
Other red oaks	471.2	15.4	25.9	39.9	49.3	52.1	55.8	50.9	44.7	101.2	36.0
Sweet pecan	37.2	0.8	3.3	3.3	2.7	8.7	4.2	2.3	2.1	7.3	2.5
Water hickory	102.4	1.5	8.2	9.3	12.3	13.2	8.5	10.2	5.3	22.1	11.8
Other hickories	121.8	8.7	17.4	19.8	19.7	18.7	15.9	10.5	5.9	5.3	0.0
Persimmon	27.4	5.2	7.7	5.9	6.0	1.6	1.0	0.0	0.0	0.0	0.0
Hard maples	3.0	1.1	0.6	0.0	0.8	0.0	0.0	0.0	0.5	0.0	0.0
Soft maples	29.3	3.3	4.0	3.0	5.7	4.1	3.4	2.0	2.1	1.6	0.0
Boxelder	20.9	2.8	3.8	5.0	2.9	2.0	0.5	2.6	0.3	1.1	0.0
Beech	6.3	0.2	0.0	0.0	1.2	0.0	0.3	1.6	0.5	2.6	0.0
Sweetgum	216.5	12.1	18.8	28.6	36.7	31.6	30.5	20.8	16.9	18.7	1.7
Blackgum	18.7	0.1	1.6	0.9	4.8	3.2	1.2	1.7	2.6	2.7	0.0
Other gums/tupelos	88.1	4.6	15.1	14.5	8.9	10.8	8.8	10.6	5.0	8.0	1.8
White ash	2.9	0.0	0.4	0.0	0.0	0.5	0.4	0.0	0.4	1.3	0.0
Other ashes	155.8	7.5	17.3	20.3	18.8	24.6	17.1	17.6	10.1	21.1	1.4
Sycamore	41.6	0.9	1.9	1.8	2.4	5.8	5.7	4.4	2.7	13.6	2.4
Cottonwoods	110.0	0.5	0.4	0.0	1.9	1.6	5.3	7.7	18.8	51.1	22.7
Yellow–poplar	10.2	0.1	0.1	0.0	0.7	0.1	1.1	2.4	1.1	3.1	1.3
Magnolias	0.5	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0
Willow	151.2	4.4	10.3	9.4	14.0	12.7	10.3	16.3	19.1	46.4	8.4
Black walnut	0.7	0.0	0.0	0.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0
Black cherry	3.4	0.9	1.7	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
American elm	51.7	4.2	8.8	9.7	5.9	7.1	5.3	1.6	2.7	5.8	0.6
Other elms	60.4	7.5	10.4	7.2	6.9	6.4	8.9	6.0	3.4	3.8	0.0
River birch	2.0	0.3	0.2	0.0	0.8	0.3	0.4	0.0	0.0	0.0	0.0
Hackberries	188.3	8.4	11.8	22.7	18.7	33.3	20.7	30.9	19.9	21.1	0.9
Other locusts	20.2	0.5	4.3	1.5	3.1	2.1	2.2	2.9	0.9	1.6	1.1
Sassafras	2.0	0.3	0.0	0.1	0.0	0.0	0.4	0.1	1.1	0.0	0.0
Other commercial	1.6	0.8	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total hardwoods</b>	<b>2,494.7</b>	<b>112.7</b>	<b>202.6</b>	<b>248.6</b>	<b>279.0</b>	<b>299.3</b>	<b>266.7</b>	<b>254.7</b>	<b>231.9</b>	<b>469.9</b>	<b>129.3</b>
<b>All species</b>	<b>2,850.6</b>	<b>130.5</b>	<b>236.2</b>	<b>294.3</b>	<b>316.1</b>	<b>354.3</b>	<b>302.5</b>	<b>281.0</b>	<b>250.9</b>	<b>510.8</b>	<b>174.0</b>

\*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, Arkansas Delta, 1995\*

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	34.3	5.3	10.0	8.7	3.2	4.6	0.7	1.8	0.0
Loblolly pine	106.2	26.1	16.9	28.8	16.7	6.3	4.1	6.6	0.6
Redcedars	1.6	0.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0
Cypress	120.9	3.9	4.1	10.3	11.2	11.8	11.6	28.0	40.1
<b>Total softwoods</b>	<b>263.0</b>	<b>36.2</b>	<b>31.8</b>	<b>47.7</b>	<b>31.1</b>	<b>22.6</b>	<b>16.4</b>	<b>36.4</b>	<b>40.7</b>
Select white oaks	90.2	0.0	16.0	16.1	16.2	12.6	6.4	19.1	3.8
Select red oaks	87.4	0.0	4.9	8.2	7.6	8.7	18.0	32.5	7.6
Other white oaks	191.2	0.0	19.5	21.3	24.3	20.4	29.6	55.8	20.4
Other red oaks	320.6	0.0	35.6	42.0	46.8	42.2	37.4	84.2	32.4
Sweet pecan	25.3	0.0	1.9	7.0	3.5	2.0	1.8	6.6	2.5
Water hickory	69.0	0.0	8.4	11.0	7.5	8.4	4.4	18.6	10.6
Other hickories	60.0	0.0	13.8	15.2	12.8	8.5	5.2	4.6	0.0
Persimmon	6.7	0.0	4.6	1.3	0.9	0.0	0.0	0.0	0.0
Hard maples	1.0	0.0	0.5	0.0	0.0	0.0	0.4	0.0	0.0
Soft maples	14.2	0.0	3.7	2.9	2.8	1.7	1.7	1.4	0.0
Boxelder	6.7	0.0	1.9	1.4	0.5	1.9	0.2	0.8	0.0
Beech	4.7	0.0	0.9	0.0	0.2	1.1	0.4	2.0	0.0
Sweetgum	129.9	0.0	25.8	25.3	27.0	18.6	15.0	16.7	1.4
Blackgum	12.8	0.0	3.7	2.3	1.0	1.3	2.2	2.3	0.0
Other gums/tupelos	43.3	0.0	5.8	8.1	7.0	9.3	4.5	6.9	1.7
White ash	2.2	0.0	0.0	0.4	0.3	0.0	0.4	1.1	0.0
Other ashes	89.9	0.0	12.4	18.9	14.1	15.2	9.1	18.9	1.2
Sycamore	31.7	0.0	1.8	4.2	4.6	4.2	2.4	12.3	2.3
Cottonwoods	98.5	0.0	1.4	1.5	4.3	6.9	16.6	46.8	21.1
Yellow–poplar	8.8	0.0	0.5	0.1	0.9	2.2	1.0	2.8	1.2
Magnolias	0.4	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0
Willow	105.9	0.0	10.0	10.7	8.4	14.4	16.1	39.5	6.8
Black walnut	0.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Black cherry	0.6	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
American elm	24.2	0.0	4.6	5.9	4.4	1.4	2.3	5.0	0.6
Other elms	27.2	0.0	4.8	4.8	6.7	4.8	2.9	3.1	0.0
River birch	1.2	0.0	0.6	0.3	0.4	0.0	0.0	0.0	0.0
Hackberries	116.0	0.0	13.0	26.3	17.0	24.6	16.4	18.1	0.8
Other locusts	10.7	0.0	2.1	1.5	1.7	2.4	0.8	1.4	0.9
Sassafras	1.3	0.0	0.0	0.0	0.3	0.1	0.9	0.0	0.0
Other commercial	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total hardwoods</b>	<b>1,582.4</b>	<b>0.0</b>	<b>198.5</b>	<b>237.8</b>	<b>221.3</b>	<b>212.7</b>	<b>196.2</b>	<b>400.6</b>	<b>115.2</b>
<b>All species</b>	<b>1,845.3</b>	<b>36.2</b>	<b>230.3</b>	<b>285.5</b>	<b>252.4</b>	<b>235.4</b>	<b>212.6</b>	<b>437.0</b>	<b>155.9</b>

\*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, Arkansas Delta, 1995\*

Species	All live	Growing stock	Rough	Rotten
----- Million cubic feet -----				
Shortleaf pine	47.7	47.0	0.7	0.0
Loblolly pine	168.3	162.8	5.5	0.0
Redcedars	2.8	2.8	0.0	0.0
Cypress	158.9	143.2	12.7	2.9
<b>Total softwoods</b>	<b>377.8</b>	<b>355.9</b>	<b>19.0</b>	<b>2.9</b>
Select white oaks	148.7	137.7	10.7	0.3
Select red oaks	122.9	116.6	4.6	1.6
Other white oaks	325.3	295.3	26.8	3.2
Other red oaks	507.8	471.2	30.0	6.6
Sweet pecan	38.2	37.2	1.1	0.0
Water hickory	111.4	102.4	8.7	0.3
Other hickories	129.2	121.8	7.2	0.2
Persimmon	30.1	27.4	2.7	0.0
Hard maples	3.1	3.0	0.1	0.0
Soft maples	36.2	29.3	6.2	0.7
Boxelder	31.6	20.9	9.5	1.2
Beech	10.5	6.3	0.9	3.2
Sweetgum	234.8	216.5	16.7	1.6
Blackgum	22.3	18.7	3.5	0.2
Other gums/tupelos	101.4	88.1	11.5	1.9
White ash	2.9	2.9	0.0	0.0
Other ashes	175.8	155.8	17.1	2.9
Sycamore	42.4	41.6	0.4	0.3
Cottonwoods	111.5	110.0	1.1	0.4
Yellow—poplar	10.8	10.2	0.6	0.0
Magnolias	0.5	0.5	0.0	0.0
Willow	170.4	151.2	16.9	2.3
Black walnut	0.7	0.7	0.0	0.0
Black cherry	6.3	3.4	2.9	0.0
American elm	62.5	51.7	10.4	0.4
Other elms	70.8	60.4	10.3	0.2
River birch	2.7	2.0	0.5	0.1
Hackberries	232.0	188.3	41.5	2.2
Black locust	0.3	0.0	0.3	0.0
Other locusts	27.6	20.2	7.0	0.4
Sassafras	2.8	2.0	0.7	0.1
Dogwood	1.0	0.0	1.0	0.0
Other commercial	3.9	1.6	2.1	0.2
<b>Total hardwoods</b>	<b>2,778.6</b>	<b>2,494.7</b>	<b>253.4</b>	<b>30.5</b>
Noncommercial	22.5	0.0	22.5	0.0
<b>All species</b>	<b>3,178.9</b>	<b>2,850.6</b>	<b>294.9</b>	<b>33.4</b>

\*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, Arkansas Delta, 1995\*

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 <sup>†</sup> -----								
Shortleaf pine	51.8	4.4	3.4	10.1	7.9	16.0	4.9	5.2	0.0
Loblolly pine	126.7	7.7	10.9	32.1	38.6	0.0	12.3	25.1	0.0
Redcedars	6.5	2.4	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Cypress	202.1	0.0	6.9	12.1	28.9	29.9	26.8	44.4	53.1
<b>Total softwoods</b>	<b>387.1</b>	<b>14.5</b>	<b>25.2</b>	<b>54.3</b>	<b>75.3</b>	<b>45.9</b>	<b>44.1</b>	<b>74.7</b>	<b>53.1</b>
Select white oaks	194.3	0.0	0.0	0.0	16.8	40.0	28.3	94.3	14.9
Select red oaks	225.7	0.0	0.0	0.0	10.3	12.3	41.9	121.8	39.5
Other white oaks	389.7	0.0	0.0	0.0	18.0	51.9	67.6	194.4	57.8
Other red oaks	519.4	0.0	0.0	0.0	26.2	77.9	83.9	244.4	87.1
Sweet pecan	43.8	0.0	0.0	0.0	0.0	5.6	9.5	21.7	7.0
Water hickory	110.0	0.0	0.0	0.0	7.2	22.7	8.9	32.4	38.7
Other hickories	48.3	0.0	0.0	0.0	12.2	13.4	15.4	7.3	0.0
Sweetgum	229.5	0.0	0.0	0.0	22.8	61.2	64.3	75.8	5.4
Blackgum	12.6	0.0	0.0	0.0	0.0	0.0	5.7	6.9	0.0
Other gums/tupelos	45.5	0.0	0.0	0.0	5.6	19.1	7.2	11.0	2.7
White ash	6.7	0.0	0.0	0.0	0.0	0.0	2.4	4.4	0.0
Other ashes	182.0	0.0	0.0	0.0	8.8	70.0	24.0	79.2	0.0
Sycamore	100.9	0.0	0.0	0.0	17.4	10.4	10.5	53.1	9.5
Cottonwoods	469.7	0.0	0.0	0.0	15.6	22.7	91.0	256.3	84.0
Yellow–poplar	19.4	0.0	0.0	0.0	0.0	7.1	2.1	6.8	3.4
Magnolias	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0
Willow	70.3	0.0	0.0	0.0	5.8	16.4	20.5	24.3	3.2
American elm	14.5	0.0	0.0	0.0	1.8	2.1	1.1	9.4	0.0
Other elms	9.2	0.0	0.0	0.0	2.4	2.5	0.0	4.3	0.0
Hackberries	74.5	0.0	0.0	0.0	7.8	19.1	20.6	27.1	0.0
Other locusts	12.0	0.0	0.0	0.0	2.5	2.2	1.2	0.0	6.0
Sassafras	0.6	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
<b>Total hardwoods</b>	<b>2,780.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>181.1</b>	<b>457.3</b>	<b>506.1</b>	<b>1,276.5</b>	<b>359.2</b>
<b>All species</b>	<b>3,167.2</b>	<b>14.5</b>	<b>25.2</b>	<b>54.3</b>	<b>256.4</b>	<b>503.2</b>	<b>550.1</b>	<b>1,351.3</b>	<b>412.3</b>

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

†International 1/4-inch Rule.

Table 39.—Volume of sawtimber for tree grade 2 on timberland by detailed species and diameter class, Arkansas Delta, 1995\*

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 <sup>†</sup> -----								
Shortleaf pine	56.3	6.1	18.1	23.0	0.0	9.2	0.0	0.0	0.0
Loblolly pine	121.8	12.3	7.7	39.0	26.8	25.9	5.7	4.2	0.0
Cypress	133.0	2.2	0.0	23.8	10.0	8.0	15.3	41.2	32.6
Total softwoods	311.1	20.6	25.8	85.8	36.8	43.1	21.0	45.4	32.6
Select white oaks	151.4	0.0	0.0	54.7	47.8	29.7	3.2	16.0	0.0
Select red oaks	107.9	0.0	0.0	25.0	14.5	12.0	25.1	31.3	0.0
Other white oaks	297.5	0.0	0.0	41.4	61.5	16.6	39.1	87.2	51.8
Other red oaks	423.9	0.0	0.0	103.0	114.4	48.7	40.6	80.1	37.1
Sweet pecan	42.5	0.0	0.0	11.1	15.8	3.7	2.1	9.9	0.0
Water hickory	97.5	0.0	0.0	20.0	27.7	10.2	6.5	19.4	13.8
Other hickories	101.9	0.0	0.0	41.2	28.6	17.5	6.2	8.4	0.0
Persimmon	6.9	0.0	0.0	3.9	3.0	0.0	0.0	0.0	0.0
Soft maples	17.0	0.0	0.0	0.0	11.5	3.1	2.4	0.0	0.0
Boxelder	4.7	0.0	0.0	0.0	3.3	0.0	1.3	0.0	0.0
Beech	2.1	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0
Sweetgum	264.1	0.0	0.0	98.0	101.7	23.5	25.5	15.4	0.0
Blackgum	20.1	0.0	0.0	5.9	2.7	6.4	5.1	0.0	0.0
Other gums/tupelos	48.8	0.0	0.0	20.9	8.3	6.4	6.1	7.1	0.0
White ash	2.4	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
Other ashes	133.5	0.0	0.0	53.9	34.9	15.2	16.2	6.9	6.3
Sycamore	46.9	0.0	0.0	17.9	7.8	7.5	0.0	13.6	0.0
Cottonwoods	89.2	0.0	0.0	5.1	8.9	8.5	10.6	40.0	16.1
Yellow–poplar	27.8	0.0	0.0	0.6	6.2	5.6	1.1	9.7	4.6
Magnolias	0.9	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0
Willow	120.4	0.0	0.0	40.3	15.7	4.6	6.5	51.7	1.6
Black cherry	2.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0
American elm	39.0	0.0	0.0	13.6	12.3	2.7	2.2	8.2	0.0
Other elms	47.2	0.0	0.0	12.2	12.1	15.2	3.5	4.2	0.0
River birch	2.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0
Hackberries	206.2	0.0	0.0	65.6	37.6	49.3	40.5	13.2	0.0
Other locusts	17.1	0.0	0.0	1.5	0.0	7.9	3.5	4.1	0.0
Total hardwoods	2,320.8	0.0	0.0	640.1	579.5	294.4	247.2	428.4	131.3
All species	2,631.9	20.6	25.8	725.9	616.3	337.5	268.2	473.8	163.8

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

†International 1/4-inch Rule.

Table 40.—Volume of sawtimber for tree grade 3 on timberland by detailed species and diameter class, Arkansas Delta, 1995\*

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	111.7	20.7	41.0	23.1	13.0	6.4	0.0	7.5	0.0
Loblolly pine	402.8	117.4	81.7	110.4	45.8	16.2	9.6	17.2	4.4
Cypress	248.5	17.6	13.8	20.7	23.5	25.3	22.2	48.2	77.2
Total softwoods	762.9	155.7	136.5	154.2	82.2	47.9	31.8	72.9	81.7
Select white oaks	136.0	0.0	62.7	27.3	19.7	8.9	8.0	9.5	0.0
Select red oaks	109.1	0.0	10.9	14.3	16.2	20.7	20.9	26.0	0.0
Other white oaks	280.1	0.0	74.5	35.8	38.6	30.7	47.1	38.6	14.6
Other red oaks	486.8	0.0	118.2	70.1	61.6	48.6	46.8	102.7	38.9
Sweet pecan	64.3	0.0	7.9	29.1	7.8	3.0	0.0	8.7	7.6
Water hickory	153.8	0.0	40.1	33.6	9.4	20.9	6.0	40.6	3.1
Other hickories	129.8	0.0	47.2	40.6	24.1	13.2	2.9	1.9	0.0
Persimmon	31.2	0.0	26.1	3.1	1.9	0.0	0.0	0.0	0.0
Hard maples	3.1	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0
Soft maples	35.7	0.0	14.7	8.8	5.2	0.0	3.2	3.8	0.0
Boxelder	23.0	0.0	8.0	3.2	0.0	6.7	0.0	5.0	0.0
Beech	9.2	0.0	4.2	0.0	0.0	5.0	0.0	0.0	0.0
Sweetgum	226.2	0.0	133.6	32.5	32.0	19.6	0.0	8.4	0.0
Blackgum	23.3	0.0	13.6	6.7	1.1	0.0	0.0	1.9	0.0
Other gums/tupelos	56.5	0.0	25.6	12.7	8.6	2.4	0.0	5.0	2.3
Other ashes	128.6	0.0	57.7	38.2	19.9	3.3	1.6	7.9	0.0
Sycamore	32.7	0.0	10.3	4.9	3.0	4.3	4.4	5.9	0.0
Cottonwoods	28.9	0.0	8.2	0.0	0.0	5.3	1.6	3.3	10.5
Yellow–poplar	5.0	0.0	3.1	0.0	0.0	0.0	0.0	1.9	0.0
Willow	229.8	0.0	49.3	19.7	16.8	44.1	23.3	72.6	3.9
Black walnut	0.7	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
American elm	55.1	0.0	24.0	11.8	3.7	0.0	5.7	7.7	2.2
Other elms	69.2	0.0	23.9	8.2	15.6	7.4	12.2	1.9	0.0
River birch	4.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Hackberries	262.5	0.0	57.1	64.3	32.7	49.3	22.6	36.5	0.0
Other locusts	15.9	0.0	9.3	1.5	1.3	2.1	0.0	1.7	0.0
Sassafras	3.9	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0
Total hardwoods	2,604.3	0.0	837.1	467.1	319.5	295.4	210.3	391.7	83.1
All species	3,367.3	155.7	973.7	621.3	401.7	343.3	242.1	464.7	164.8

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

†International 1/4-inch Rule.

Table 41.—Volume of sawtimber for tree grade 4 on timberland by detailed species and diameter class, Arkansas Delta, 1995\*

Species	Diameter class (inches at breast height)							
	All classes	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 <sup>†</sup> -----								
Select white oaks	55.8	23.1	12.5	18.5	1.6	0.0	0.0	0.0
Select red oaks	41.2	12.3	6.4	0.0	0.0	12.7	9.8	0.0
Other white oaks	121.2	24.4	34.4	12.3	20.3	17.3	12.6	0.0
Other red oaks	379.2	65.6	61.6	69.9	67.9	44.9	62.2	7.1
Water hickory	38.7	5.4	10.6	0.0	0.0	5.7	17.0	0.0
Other hickories	56.8	25.7	6.5	12.4	3.6	4.6	4.0	0.0
Soft maples	16.7	5.3	4.0	0.0	3.4	2.8	1.2	0.0
Boxelder	5.5	3.1	0.9	0.0	1.6	0.0	0.0	0.0
Beech	15.7	1.2	0.0	1.5	2.4	2.6	8.0	0.0
Sweetgum	28.0	10.5	6.7	7.3	0.0	3.4	0.0	0.0
Blackgum	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
Other ashes	7.5	6.5	1.1	0.0	0.0	0.0	0.0	0.0
Sycamore	2.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0
Cottonwoods	24.7	0.0	2.2	2.2	6.2	7.1	7.0	0.0
Yellow–poplar	3.2	0.0	0.0	0.0	0.0	3.2	0.0	0.0
Willow	145.1	5.6	2.0	7.9	15.5	32.7	69.5	12.0
American elm	18.4	2.5	8.4	5.5	0.0	1.9	0.0	0.0
Other elms	19.1	2.7	6.3	1.2	6.3	2.6	0.0	0.0
Hackberries	70.6	12.8	3.1	7.1	22.3	10.4	14.5	0.5
Other locusts	15.0	1.7	3.6	6.0	2.1	0.0	1.6	0.0
Sassafras	1.8	0.0	0.0	1.8	0.0	0.0	0.0	0.0
Other commercial	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total hardwoods</b>	<b>1,071.6</b>	<b>213.5</b>	<b>170.4</b>	<b>153.7</b>	<b>155.4</b>	<b>151.9</b>	<b>207.1</b>	<b>19.6</b>
<b>All species</b>	<b>1,071.6</b>	<b>213.5</b>	<b>170.4</b>	<b>153.7</b>	<b>155.4</b>	<b>151.9</b>	<b>207.1</b>	<b>19.6</b>

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

†International 1/4-inch Rule.

Table 42.—Volume of sawtimber on timberland by species and ownership class, Arkansas Delta, 1995\*

Species	All ownerships	National forest	Other public	Forest industry	Forest industry-leased	Other private
----- Million board feet <sup>†</sup> -----						
Yellow pines	871.2	0.0	116.7	237.4	0.0	517.1
Cypress	697.4	0.0	205.4	110.9	0.0	381.1
Redcedars	7.5	0.0	0.0	0.0	0.0	7.5
<b>Total softwoods</b>	<b>1,576.1</b>	<b>0.0</b>	<b>322.1</b>	<b>348.3</b>	<b>0.0</b>	<b>905.6</b>
Select white–red oaks	1,098.3	103.0	262.4	16.6	0.0	716.3
Other white–red oaks	3,072.8	46.3	1,123.0	120.2	0.0	1,783.3
Hickories	944.0	17.2	285.5	132.2	0.0	509.1
Hard maples	5.9	0.0	2.8	0.0	0.0	3.1
Sweetgum	786.0	10.2	221.9	54.0	0.0	500.0
Tupelos and blackgums	289.9	1.9	45.3	2.3	0.0	240.3
Ashes–walnut–black cherry	518.3	0.7	143.3	45.1	0.0	329.1
Yellow–poplar	57.9	32.6	0.0	0.0	0.0	25.4
Other hardwoods	2,751.8	25.3	503.1	760.4	0.0	1,463.1
<b>Total hardwoods</b>	<b>9,524.8</b>	<b>237.1</b>	<b>2,587.3</b>	<b>1,130.7</b>	<b>0.0</b>	<b>5,569.7</b>
<b>All species</b>	<b>11,100.9</b>	<b>237.1</b>	<b>2,909.5</b>	<b>1,479.0</b>	<b>0.0</b>	<b>6,475.3</b>

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

†International 1/4-inch Rule.

Table 43.—Average net annual growth, average annual removals, and average annual mortality of live trees by county and species group, Arkansas Delta, 1995\*

County	Net growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
Arkansas	7.2	0.7	6.5	9.5	0.6	8.9	3.4	0.0	3.4
Chicot	2.7	0.1	2.6	5.4	0.0	5.4	1.1	0.0	1.1
Clay	2.9	0.0	2.9	4.0	0.0	4.0	0.8	0.0	0.8
Craighead	3.1	0.4	2.7	0.2	0.0	0.2	1.1	0.0	1.1
Crittenden	5.0	0.0	5.0	1.2	0.1	1.1	0.4	0.0	0.4
Cross	1.7	0.0	1.7	1.3	0.0	1.3	0.7	0.0	0.7
Desha	9.2	0.6	8.5	10.2	0.0	10.1	5.3	0.0	5.3
Greene	3.2	0.2	3.1	2.4	0.1	2.3	0.2	0.1	0.0
Jackson	3.4	0.1	3.3	0.0	0.0	0.0	0.2	0.0	0.2
Jefferson	17.0	10.6	6.4	3.7	2.8	0.9	4.9	0.9	3.9
Lawrence	3.1	0.1	3.0	2.3	0.0	2.3	0.3	0.0	0.3
Lee	3.1	0.0	3.1	0.2	0.0	0.2	3.0	0.0	3.0
Lincoln	8.7	3.3	5.3	9.0	4.6	4.3	1.7	0.7	1.0
Lonoke	4.3	0.8	3.6	2.4	0.1	2.3	2.0	0.0	2.0
Mississippi	2.8	0.3	2.4	0.3	0.0	0.3	1.3	0.0	1.3
Monroe	5.1	0.6	4.5	4.1	0.2	4.0	2.8	0.0	2.8
Phillips	5.7	0.0	5.7	2.3	0.0	2.3	1.6	0.0	1.6
Poinsett	3.0	0.0	2.9	3.0	0.1	2.9	0.6	0.0	0.6
Prairie	4.0	0.3	3.7	7.4	0.4	6.9	1.7	0.0	1.7
St. Francis	3.8	0.0	3.8	0.5	0.0	0.5	1.4	0.0	1.4
Woodruff	5.6	0.2	5.5	1.4	0.1	1.2	1.5	0.0	1.5
All counties	104.5	18.3	86.2	70.5	9.1	61.4	35.9	1.8	34.1

\*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, Arkansas Delta, 1995\*

Ownership class	Net growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
----- Million cubic feet -----									
National forest	1.3	0.0	1.3	0.3	0.0	0.3	0.4	0.0	0.4
Other public	16.8	2.2	14.6	5.1	0.3	4.8	8.0	0.1	7.9
Forest industry	17.4	9.0	8.4	18.6	3.1	15.5	6.8	0.2	6.6
Other private	69.1	7.1	62.0	46.5	5.8	40.7	20.7	1.5	19.2
All ownerships	104.5	18.3	86.2	70.5	9.1	61.4	35.9	1.8	34.1

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

**Figures 1 through 8**

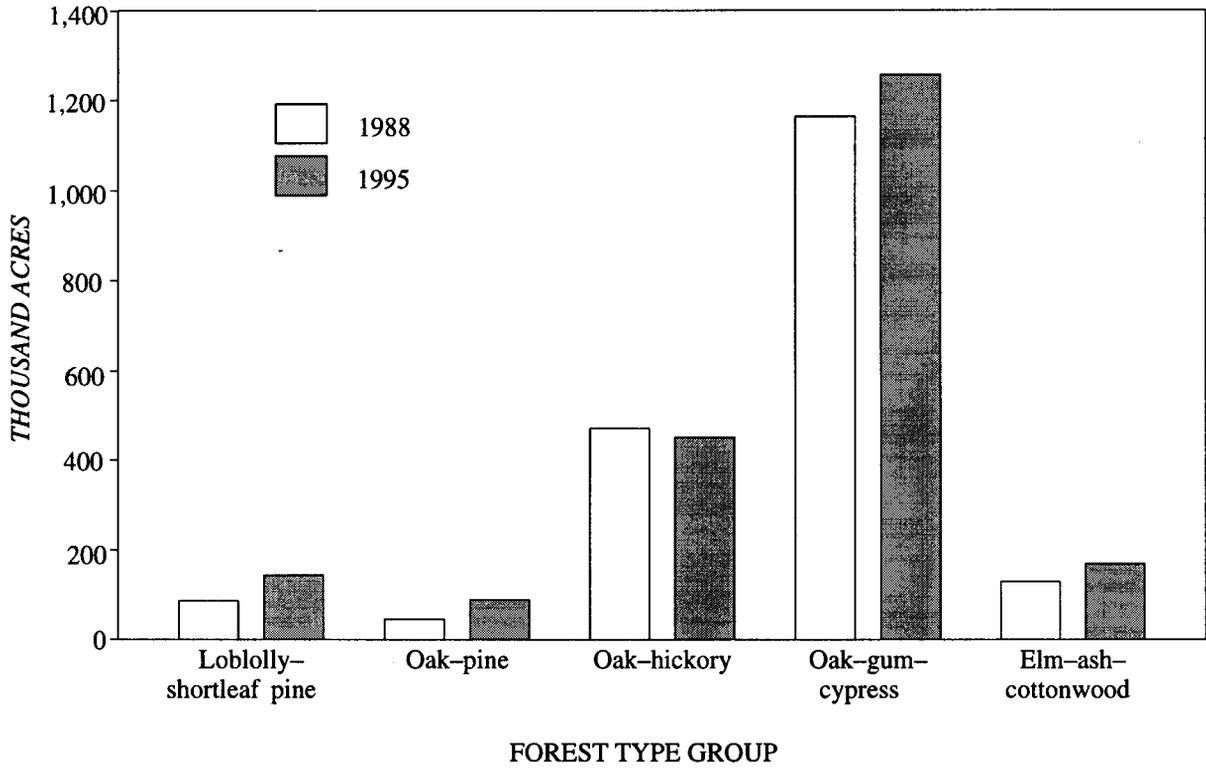


Figure 1.—Area of timberland by forest type group, Arkansas Delta, 1988 and 1995.

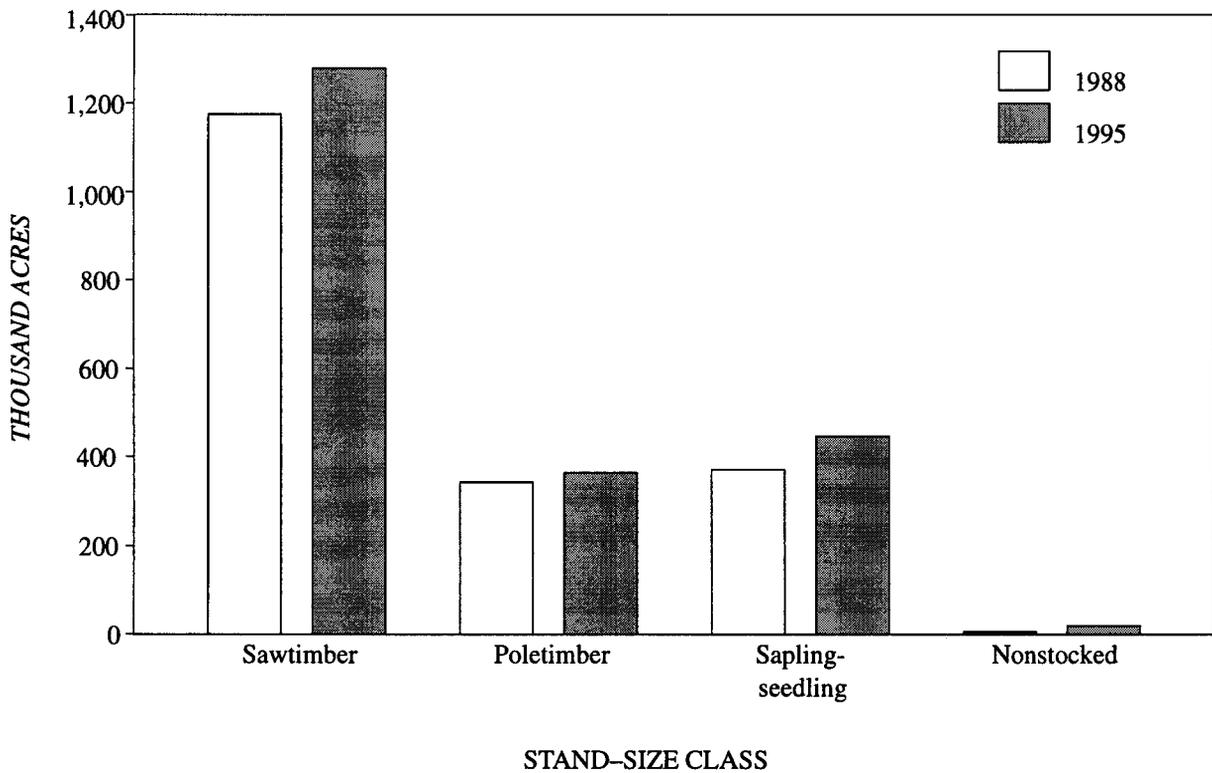


Figure 2.—Area of timberland by stand-size class, Arkansas Delta, 1988 and 1995.

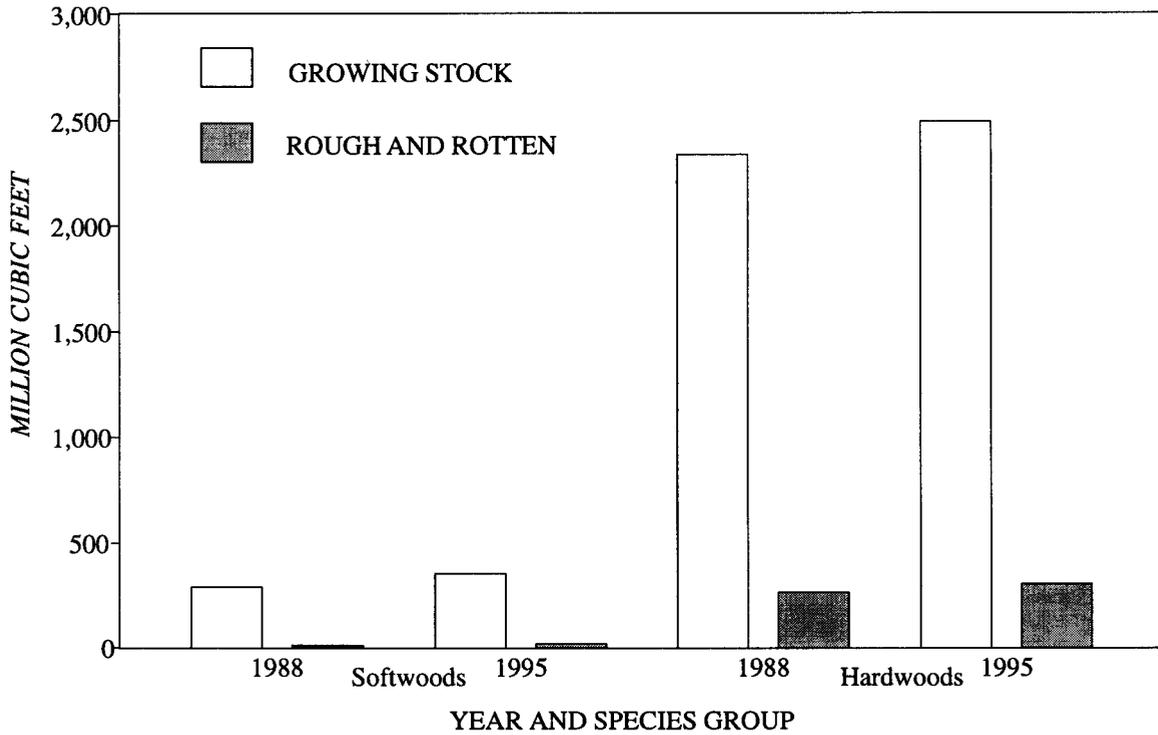


Figure 3.—Volume of live trees on timberland by species group and class of timber, Arkansas Delta, 1988 and 1995.

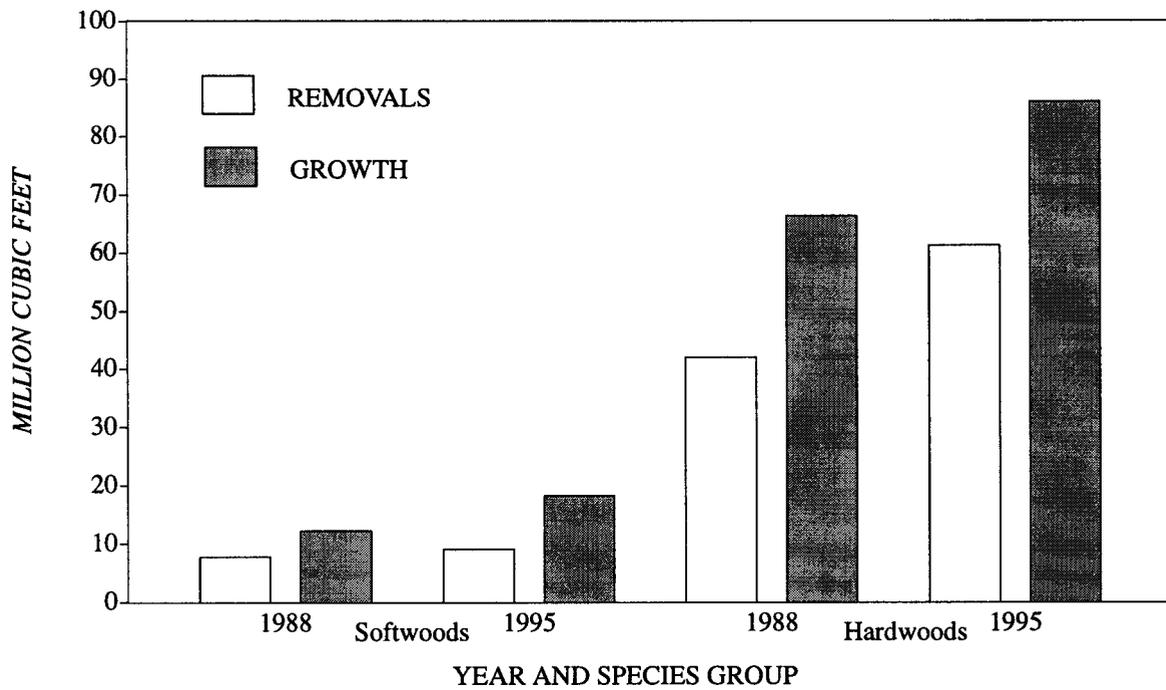


Figure 4.—Average annual removals and average net annual growth of live trees on timberland by species group, Arkansas Delta, 1988 and 1995.

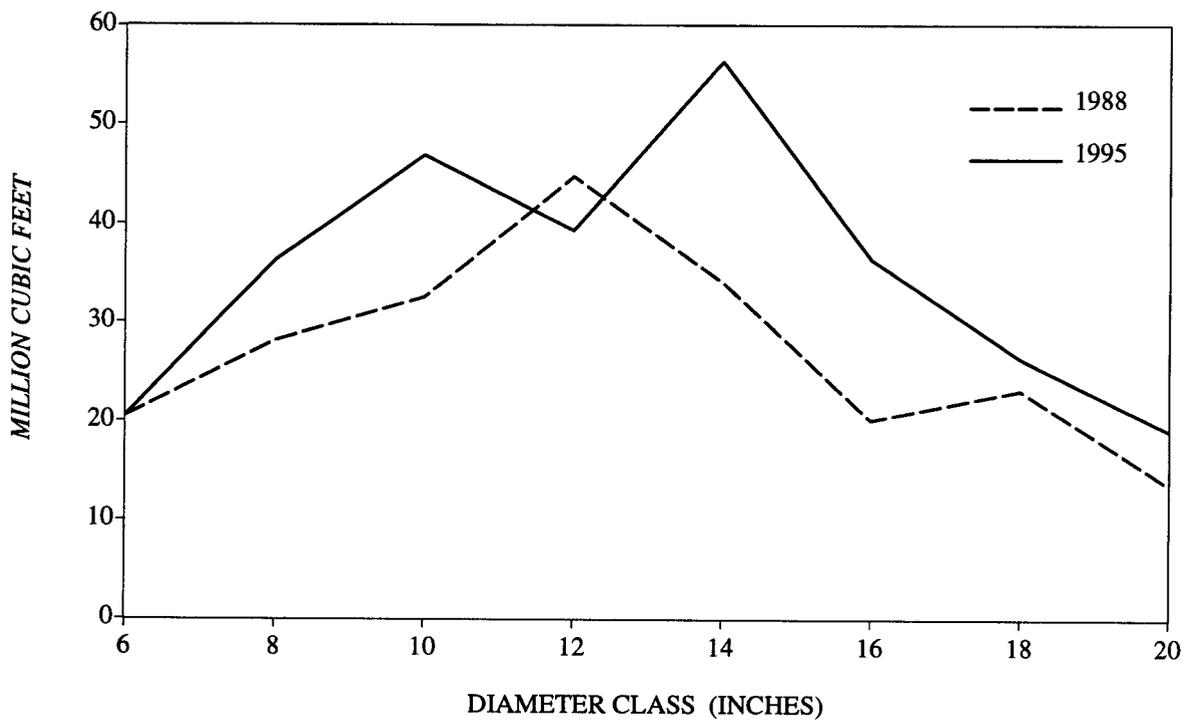


Figure 5.— *Volume of live softwood trees on timberland by diameter class, Arkansas Delta, 1988 and 1995.*

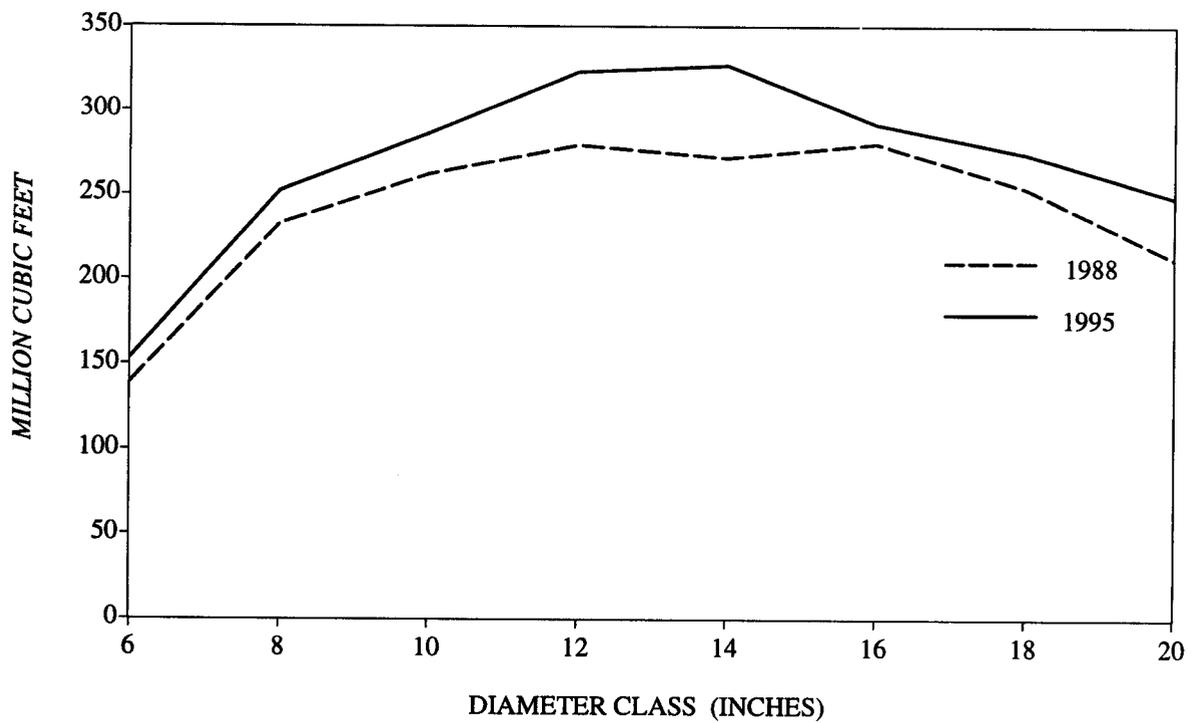


Figure 6.— *Volume of live hardwood trees on timberland by diameter class, Arkansas Delta, 1988 and 1995.*

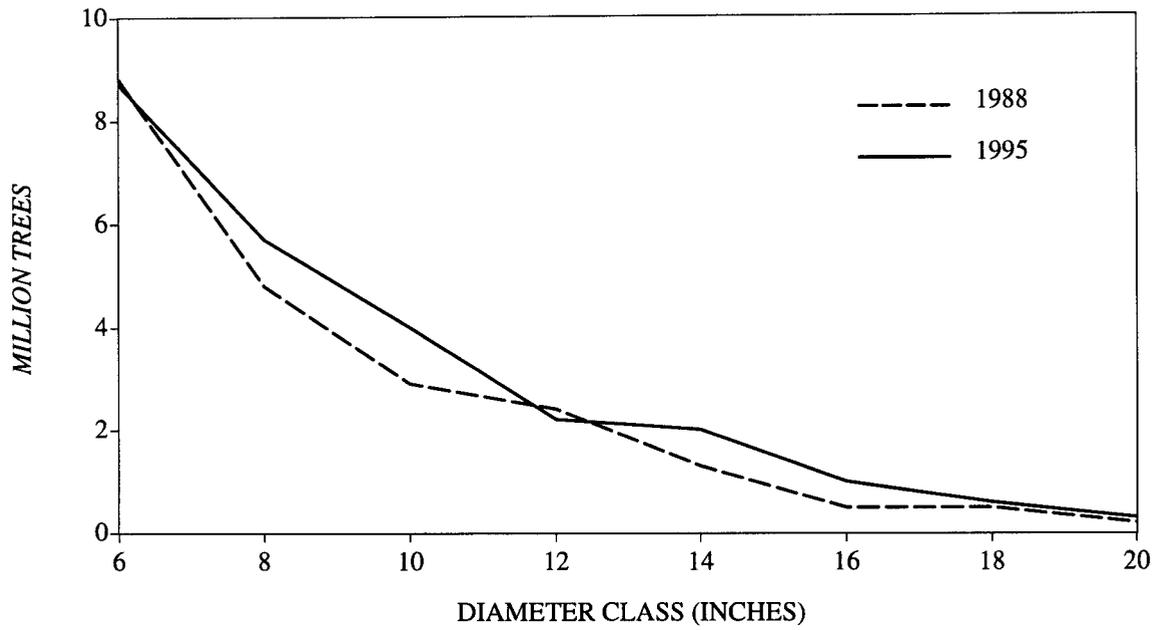


Figure 7.—Number of live softwood trees on timberland by diameter class, Arkansas Delta, 1988 and 1995.

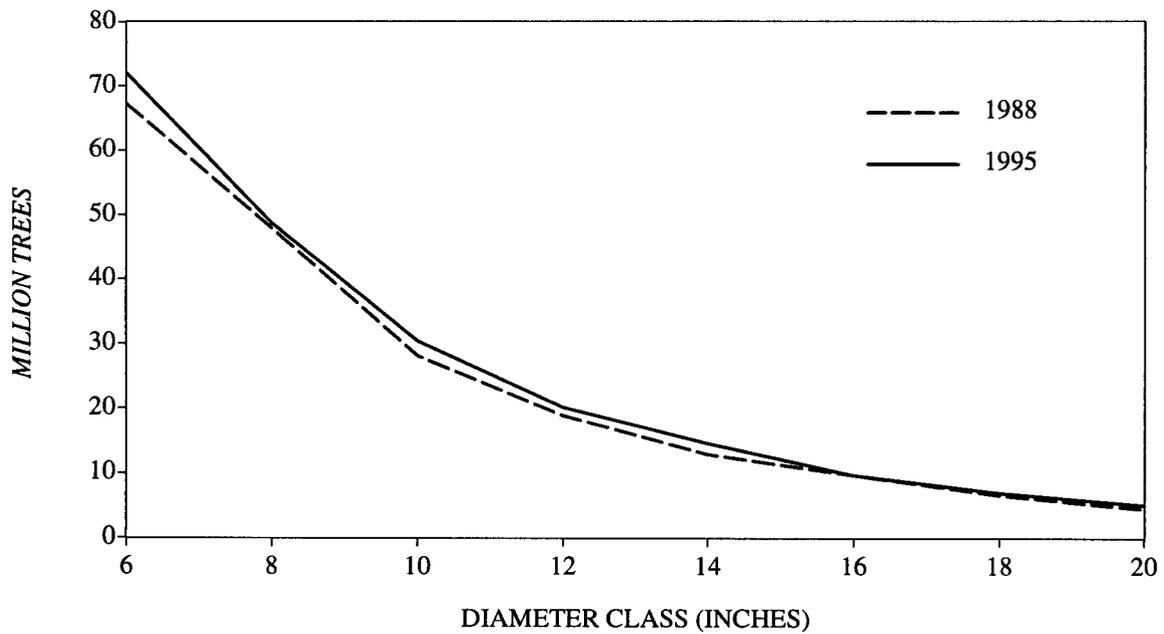


Figure 8.—Number of live hardwood trees on timberland by diameter class, Arkansas Delta, 1988 and 1995.



**Rosson, James F., Jr.; Hartsell, Andrew J.; London, Jack D.** 1997. Forest statistics for Arkansas' Delta counties—1995. Resour. Bull. SRS-11. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southern Research Station. 43 p.

Tabulates forest resource information from a new inventory of the Delta counties of Arkansas.

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



The United States Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA Office of Communications at (202) 720-5881.

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, DC 20250, or call 1-800-245-6340. USDA is an equal employment opportunity employer.