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Forest Statistics for Louisiana Parishes — 1991

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FOREWORD

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

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

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¹Core 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.

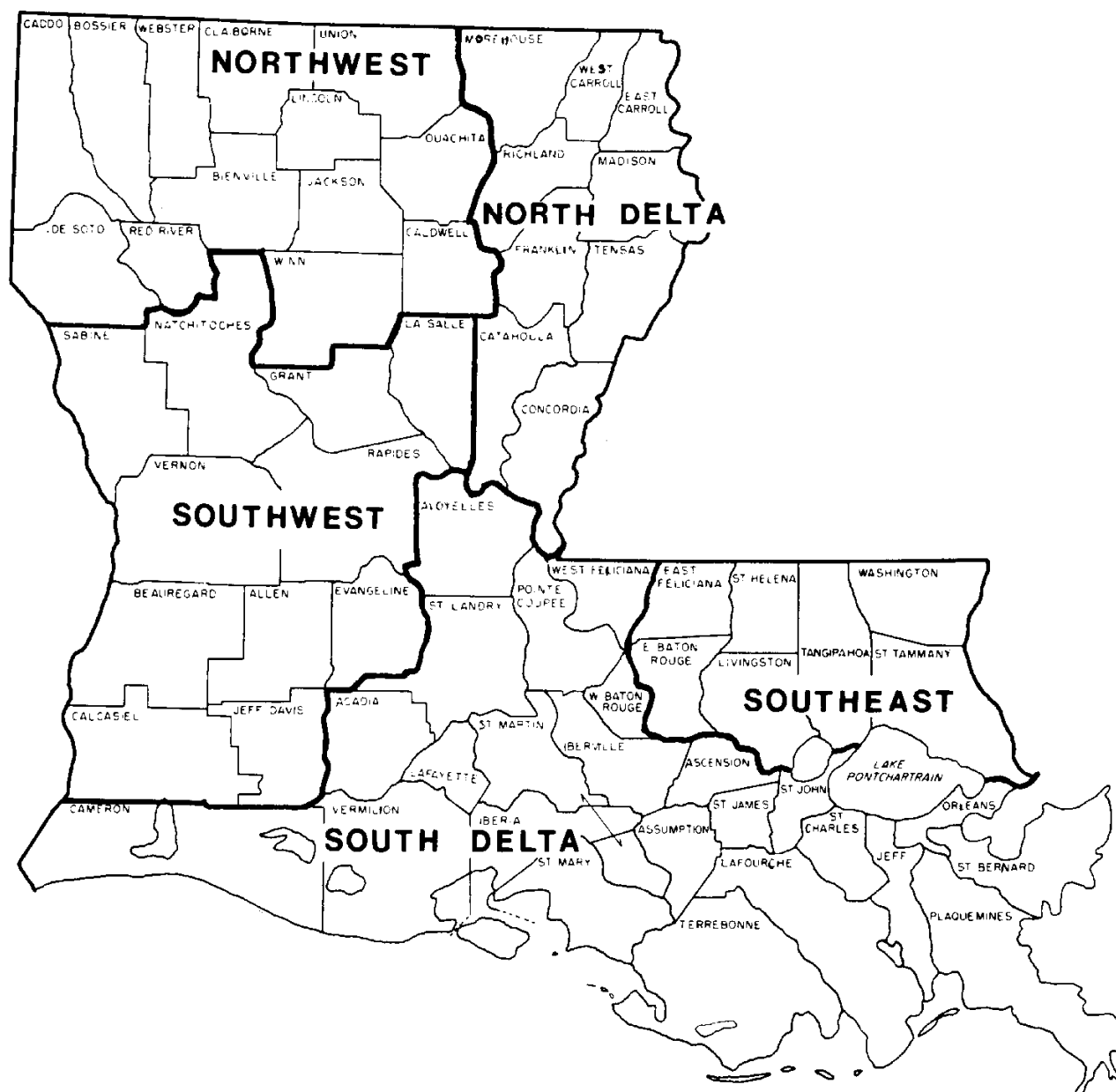


Figure I.—Forest survey units of Louisiana.

Forest Statistics for Louisiana Parishes – 1991

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INTRODUCTION

The tables and figures in this report were derived from data obtained during a recent inventory of the 64 parishes in the State of Louisiana (fig. 1). Data on forest acreage and timber volume were secured by a three-step process. Estimates of forest acreage were made for each parish using aerial photographs. This was accomplished by a forest-nonforest classification of points representing approximately 230 acres. These estimates were adjusted based on ground observations at 6,671 sample locations. Finally, field measurements were made at forest locations on the intersections of grid lines spaced 3 miles apart. At these forest locations, per-acre estimates were obtained from trees measured on ten 37.5 basal area factor prism points.

The sampling methods are designed to achieve suitable sampling errors for estimates of area and volume at the State level. Sampling error increases as the area or volume considered decreases. The sampling errors presented in table 1, equal to one standard deviation for the sample data, may be used to construct confidence intervals for population estimates. For example, at the 95-percent confidence level, the confidence interval for growing-stock volume (in million cubic feet) in the State of Louisiana (with a sampling error of 1.6 percent) is

$$18,815.7 \pm 1.96 (0.016 \times 18,815.7) = 18,815.7 \pm 590.1$$

where 1.96 is the number of standard deviations. This confidence interval indicates that the actual growing-stock volume lies in the range 18,225.6 to 19,405.8 million cubic feet, unless a 1 in 20 chance has occurred.

Sampling errors for any combination of parishes in the State may be estimated by the following formula:

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

where:

SE = standard error of the estimate
(expressed as a percent)

X = variable of interest (area or volume)

g = group of parishes to be combined

t = total for the State.

For example, the sampling error estimate of growing-stock volume for Avoyelles, Caldwell, Catahoula, and La Salle parishes is 6.6 percent. Thus, the 95-percent confidence interval for growing-stock volume is $1,093.9 \pm 141.5$ million cubic feet.

Ownership information is obtained by the same systematic sample outlined above. Parish courthouse records are used to obtain ownership information for each forested plot. An expansion factor representing timberland area in that parish is then applied to the ownership group the plot represents. Next, the ownership groups are totaled for each parish. Thus, acreage reported at the parish level are estimates and may not exactly match known totals for each ownership category within that parish.

In order to achieve greater compatibility among Forest Inventory and Analysis Projects, a modified tree classification system has been in effect since the 1988 inventory of Arkansas. Tree grade 5 is used to designate trees currently or prospectively capable of producing at least one 12-foot log or two 8-foot logs in the sawlog portion, but not capable of producing a 12-foot log meeting grade and soundness requirements in the butt 16-foot section. These trees, formerly classed as rough or rotten, are now included in growing stock. Any comparisons with previous estimates of growing stock or sawtimber should be based on data that has been reprocessed to account for the change in definition.

Tables 1-25 are developed to provide compatibility among Forest Inventory and Analysis Projects. Tables 26-43 are supplementary tables and may change from unit to unit or State to State to address specific resource issues.

Definition of Terms

Forest Land Classes

Forest land – Land at least 16.7 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 one acre. Forest land is divided into a commercial category: timberland; and two noncommercial categories: reserved timberland or woodland.

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

Table I—Sampling errors¹ for timberland, live trees, growing stock, and sawtimber, Louisiana Parishes, 1991

Parish	Timberland	Live trees			Growing stock			Sawtimber volume
		Volume	Growth	Removals	Volume	Growth	Removals	
		-----Percent-----						
Acadia	1.6	17.1	21.1	(2)	18.6	(2)	(2)	22.9
Allen	1.6	10.4	14.3	20.9	10.5	13.1	20.7	12.9
Ascension	3.6	18.5	(2)	(2)	21.1	(2)	(2)	23.4
Assumption	2.2	9.9	32.8	(2)	10.8	15.6	(2)	12.4
Avoyelles	2.1	8.1	18.8	42.9	9.6	17.9	44.9	12.6
Beauregard	1.8	8.6	7.5	14.3	9.1	8.7	14.3	10.4
Bienville	1.2	8.9	9.4	16.9	9.2	9.9	17.2	12.0
Bossier	1.6	9.1	9.1	16.8	9.4	11.3	16.8	11.1
Caddo	1.7	9.3	15.2	19.2	10.1	16.7	19.5	12.7
Calcasieu	1.9	13.6	22.6	31.1	13.6	22.7	31.2	17.0
Caldwell	1.6	12.7	22.7	26.1	13.5	22.4	26.2	17.2
Catahoula	1.9	13.3	22.2	(2)	14.4	22.9	(2)	16.4
Claiborne	1.6	9.7	12.5	21.8	9.9	13.4	21.9	11.3
Concordia	1.6	12.4	31.1	(2)	13.3	24.5	(2)	16.1
De Soto	1.7	8.5	11.0	21.5	8.8	11.2	21.7	11.9
East Baton Rouge	3.3	12.8	13.7	(2)	14.6	19.0	(2)	17.4
East Carroll	1.8	28.9	(2)	(2)	29.8	(2)	(2)	39.2
East Feliciana	3.7	14.2	17.4	34.2	15.2	19.8	34.2	18.0
Evangeline	1.7	9.6	12.1	38.2	10.2	17.2	38.0	12.8
Franklin	1.9	24.2	42.4	(2)	25.0	40.6	(2)	26.2
Grant	1.5	8.4	17.5	24.1	8.0	18.1	24.4	8.1
Iberia	1.7	14.5	30.9	(2)	16.5	47.1	(2)	20.5
Iberville	1.7	6.0	19.1	(2)	7.4	17.1	(2)	8.6
Jackson	0.8	10.9	9.2	19.5	11.2	10.4	19.5	15.0
Jefferson Davis	0.8	21.5	37.1	46.0	21.7	32.9	46.0	21.8
Lafayette	2.2	...	...	...	...	...	...	...
Lafourche	1.9	11.6	(2)	(2)	14.8	(2)	(2)	19.1
La Salle	2.1	9.4	13.7	22.3	9.7	13.2	22.5	12.9
Lincoln	1.7	10.5	12.9	40.6	10.8	13.3	40.7	14.1
Livingston	1.5	7.9	15.1	28.9	8.2	12.9	30.1	11.8
Madison	1.1	7.8	9.5	41.6	8.3	16.0	42.4	11.1
Morehouse	1.6	10.9	11.8	27.6	11.8	11.6	27.7	16.5
Natchitoches	1.0	7.0	7.9	17.9	7.3	8.9	18.4	9.2
Ouachita	2.2	11.4	13.2	36.5	11.9	15.4	36.5	15.8
Pointe Coupee	1.9	7.6	14.4	(2)	8.8	16.9	(2)	11.8
Rapides	1.2	7.8	12.3	15.3	8.3	12.6	15.4	10.6
Red River	3.0	13.6	22.2	42.2	14.1	24.6	42.3	16.2
Richland	3.1	41.4	16.6	(2)	42.8	18.8	(2)	43.3
Sabine	1.7	10.3	11.1	18.1	10.5	10.4	18.4	13.5
St. Charles	1.5	13.8	(2)	(2)	14.0	41.3	(2)	15.8
St. Helena	3.5	14.8	12.7	30.7	15.0	14.0	31.8	19.3
St. James	3.6	14.3	40.8	(2)	18.3	(2)	(2)	23.7
St. John the Baptist	3.4	22.7	31.6	26.1	23.6	(2)	32.7	38.6
St. Landry	1.5	9.4	15.0	30.5	10.6	13.4	29.6	12.4
St. Martin	1.5	6.9	12.9	(2)	8.0	16.2	(2)	10.0
St. Mary	1.8	18.4	(2)	...	19.7	21.1	...	24.8
St. Tammany	2.0	9.6	14.7	27.4	9.8	13.5	27.7	12.7
Tangipahoa	2.7	14.5	14.1	22.1	15.7	13.5	22.9	20.0
Tensas	1.4	12.8	19.4	31.6	13.5	20.3	32.2	17.9
Terrebonne	2.8	14.3	(2)	(2)	14.9	(2)	49.8	17.4
Union	1.6	8.0	11.7	17.9	8.3	13.4	18.1	10.9
Vermilion	0.5	(2)	23.4	...	(2)	(2)	...	(2)
Vernon	0.8	7.1	10.2	15.2	7.2	9.8	15.2	8.7
Washington	2.1	13.6	14.8	29.7	14.0	13.5	29.1	21.0
Webster	1.7	10.7	11.1	25.6	11.2	12.0	26.0	15.0
West Baton Rouge	4.2	16.5	(2)	(2)	18.7	(2)	(2)	22.0
West Carroll	2.5	...	...	...	...	...	...	...
West Feliciana	3.2	10.7	27.6	35.0	11.6	16.5	35.4	13.2
Winn	1.2	7.3	9.2	15.3	7.6	9.7	15.0	10.2
All parishes	0.3	1.6	2.3	3.9	1.6	2.3	3.9	2.0

¹By random-sampling formula.²Sampling error greater than 50.

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

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

Ownership Classes

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.

Other federal land—Federal lands other than National Forests.

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

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

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.

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

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

Forest Types

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

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

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

Oak-hickory—Forests in which upland oaks or hickories, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50 percent in which case the stand would be classified oak-pine. Common associates include yellow-poplar, elms, maples, and black walnut.

Oak-gum-cypress—Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprise a plurality of the stocking except where pines comprise 25-50 percent, in which case the stand would be classified oak-pine. Common associates include cottonwood, willow, ashes, elms, hackberries, and maples.

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

Nontyped—Timberland currently unoccupied with any live trees or seedlings, e.g., very recent clearcut areas.

Tree Classes

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

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

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

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 growing-stock definition.

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

Cull trees—Rough or rotten trees.

Hardwoods—Dicotyledonous trees, usually broad leaved and deciduous.

Softwoods—Coniferous trees, usually evergreen, having needle or scalelike leaves.

Live trees—All trees alive. Included are all size classes (≥ 1.0 inch in d.b.h.), all tree classes, and both commercial and noncommercial species.

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

Dimension Classes of Trees

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

Poletimber trees—5.0 to 8.9 inches in d.b.h. for softwoods and 5.0 to 10.9 inches in d.b.h. for hardwoods.

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

Seedlings—Trees which are 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 1/2 inch in diameter at ground level for longleaf pine.

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

Stand-Size Classes

Sawtimber stands—Stands at least 16.7 percent stocked with live trees, half or more of this stocking in sawtimber or poletimber trees, and with sawtimber stocking at least equal to poletimber stocking.

Poletimber stands—Stands at least 16.7 percent stocked with live trees, 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 16.7 percent stocked with live trees, more than half of this stocking in saplings or seedlings.

Nonstocked stands—Stands less than 16.7 percent stocked with live trees.

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 following tabulation by size class shows the density standard in terms of trees required per acre, for full stocking:

D.b.h. (inches)	Number of trees	D.b.h. (inches)	Number of trees
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

Volume

Volume of cull—Volume of sound wood in the bole of rough and rotten trees.

Volume of growing stock—Volume of sound wood in the bole of growing-stock trees from a 1-foot stump to a minimum 4.0-inch top outside bark or to the point where the central stem breaks into limbs. Rough, rotten, and noncommercial trees are excluded. By definition, trees must be ≥ 5.0 inches in d.b.h.

Volume of sawtimber—Net volume of the sawlog portion of live sawtimber trees in board feet of the International 1/4-inch rule. Net volume equals gross volume less deductions for rot, sweep, and other defects that affect use for lumber to the point where the central stem breaks into limbs. Rough, rotten, and noncommercial trees are excluded.

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

Growth Classes

Gross growth—Total increase in stand volume computed at growing-stock trees or live trees ≥ 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 plus mortality.

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

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

Miscellaneous Definitions

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.

D.b.h. (diameter at breast height)—Tree diameter in inches, outside bark, measured at 4 1/2 feet above ground.

Diameter classes—The 2-inch diameter classes extend from 1.0 inch below to 0.9 inches 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.

Mortality—Number or sound-wood volume of live trees dying from natural causes during a specified period.

Plantations—Stands evidenced by regeneration from planting or artificial seeding.

Sawlog portion—That part 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 classification of several red oak species composed of: cherrybark, Shumard, and northern red oaks.

Select white oaks—A classification of several white oak species composed of: white, swamp chestnut, swamp white, chinkapin, Durand, and bur oaks.

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

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

Tree grade—The grade classification assigned to a sawtimber tree, which is based upon: (1) the log grade of the butt log portion (the best 12 feet of first 16 feet), or (2) the presence of at least one 12-foot or two 8-foot logs in the upper sawlog portion when no butt log is present.

Upper-stem portion—That part of the main stem or fork of a sawtimber tree above the sawlog top to a diameter outside bark of 4.0 inches or to the point where the main stem or fork breaks into limbs.

Table 1—Area by parish and land class, Louisiana Parishes, 1991

Parish	All land ¹	Forest land			Nonforest land
		Total	Timberland ²	Woodland ³	
-----Thousand acres-----					
Acadia	420.3	75.9	75.9	...	344.4
Allen	489.9	346.9	346.9	...	143.0
Ascension	189.4	90.4	90.4	...	99.0
Assumption	219.0	128.5	128.5	...	90.6
Avoyelles	541.7	147.3	147.3	...	394.4
Beauregard	744.2	542.2	542.2	...	202.0
Bienville	522.0	445.6	445.6	...	76.4
Bossier	540.7	388.0	388.0	...	152.7
Caddo	572.2	317.2	317.2	...	255.0
Calcasieu	692.2	223.6	223.6	...	468.6
Caldwell	345.9	254.0	254.0	...	92.0
Catahoula	468.5	157.9	157.9	...	310.6
Claiborne	489.4	396.9	396.9	...	92.6
Concordia	458.9	151.1	151.1	...	307.8
De Soto	563.5	369.7	369.7	...	193.8
East Baton Rouge	293.4	134.2	134.2	...	159.2
East Carroll	272.4	43.4	43.4	...	229.0
East Feliciana	291.4	168.5	168.5	...	122.9
Evangeline	427.1	192.9	192.9	...	234.2
Franklin	406.6	89.3	89.3	...	317.3
Grant	417.7	333.3	333.3	...	84.4
Iberia	377.0	115.4	115.4	...	261.5
Iberville	408.0	277.4	277.4	...	130.7
Jackson	370.3	325.9	325.9	...	44.3
Jefferson Davis	421.5	50.8	50.8	...	370.7
Lafayette	172.6	12.3	12.3	...	160.3
Lafourche	730.0	114.1	114.1	...	615.9
La Salle	408.3	347.6	347.6	...	60.7
Lincoln	302.2	225.8	225.8	...	76.4
Livingston	422.9	327.2	327.2	...	95.7
Madison	403.7	118.8	118.8	...	284.8
Morehouse	516.3	181.6	181.6	...	334.7
Natchitoches	808.7	562.0	553.1	9.0	246.7
Ouachita	401.2	256.5	256.5	...	144.7
Pointe Coupee	362.1	134.6	134.6	...	227.6
Rapides	858.4	576.2	576.2	...	282.2
Red River	252.1	151.3	151.3	...	100.8
Richland	360.3	68.0	68.0	...	292.4
Sabine	547.3	465.0	465.0	...	82.3
St. Charles	183.2	53.5	53.5	...	129.7
St. Helena	262.0	181.0	181.0	...	81.0
St. James	158.8	79.1	79.1	...	79.7
St. John the Baptist	136.3	76.9	76.9	...	59.4
St. Landry	599.1	164.7	164.7	...	434.4
St. Martin	479.4	315.5	315.5	...	163.9
St. Mary	392.1	124.4	124.4	...	267.7
St. Tammany	559.0	361.4	361.4	...	197.6
Tangipahoa	501.4	307.0	307.0	...	194.4
Tensas	398.5	116.4	116.4	...	282.1
Terrebonne	875.1	71.3	71.3	...	803.7
Union	565.7	478.4	478.4	...	87.4
Vermilion	771.3	25.7	25.7	...	745.7
Vernon	852.2	746.7	746.7	...	105.5
Washington	432.5	284.4	284.4	...	148.0
Webster	385.5	299.3	299.3	...	86.2
West Baton Rouge	123.9	49.2	49.2	...	74.7
West Carroll	230.3	18.9	18.9	...	211.4
West Feliciana	259.6	168.5	168.5	...	91.1
Winn	609.9	561.9	561.9	...	47.9
All parishes	26265.4	13791.7	13782.8	...	12473.7

¹From U.S. Bureau of the Census.²Forest land (formerly termed commercial forest land) that is producing or capable of producing at least 20 cubic feet of industrial wood per acre per year. Includes areas which may be inaccessible or inoperable by current standards. Excludes reserved timberlands.³Forest land incapable of producing 20 cubic feet of industrial wood per acre per year under natural conditions because of adverse site conditions.

Table 2—Area of timberland by parish and ownership class, Louisiana Parishes, 1991

Parish	All ownerships	National forest	Misc. federal	State	Parish and municipal	Forest industry ¹	Farmer	Corporate ²	Individual ²
-----Thousand acres-----									
Acadia	75.9	...	...	...	4.5	4.5	8.9	22.3	35.7
Allen	346.9	...	...	...	...	151.8	10.8	108.4	75.9
Ascension	90.4	...	...	...	...	...	...	32.3	58.1
Assumption	128.5	...	...	...	...	13.5	6.8	74.4	33.8
Avoyelles	147.3	...	4.9	4.9	24.6	29.5	14.7	49.1	19.6
Beauregard	542.2	...	...	...	...	309.8	16.6	71.9	143.8
Bienville	445.6	...	...	...	...	278.5	22.3	...	144.8
Bossier	388.0	...	26.9	...	10.8	86.2	21.6	32.3	210.2
Caddo	317.2	...	...	10.9	5.5	5.5	21.9	43.8	229.7
Calcasieu	223.6	...	...	...	...	62.1	...	74.5	87.0
Caldwell	254.0	...	...	38.6	11.0	104.9	22.1	...	77.3
Catahoula	157.9	...	...	22.6	...	75.2	22.6	15.0	22.6
Claiborne	396.9	16.2	...	...	...	19.7	...	45.9	315.0
Concordia	151.1	...	5.4	37.8	5.4	10.8	5.4	37.8	48.6
De Soto	369.7	...	...	...	5.5	66.2	38.6	33.1	226.2
East Baton Rouge	134.2	...	...	...	...	...	20.1	13.4	100.6
East Carroll	43.4	...	...	...	5.4	21.7	...	...	16.3
East Feliciana	168.5	...	...	...	...	5.8	46.5	5.8	110.4
Evangeline	192.9	...	...	5.5	5.5	38.6	...	60.6	82.7
Franklin	89.3	...	...	6.9	6.9	13.7	48.1	...	13.7
Grant	333.3	135.5	7.6	...	...	106.5	...	...	83.7
Iberia	115.4	...	...	5.2	...	...	5.2	73.5	31.5
Iberville	277.4	...	5.7	28.3	...	79.2	...	124.5	39.6
Jackson	325.9	...	...	...	...	196.6	...	5.2	124.2
Jefferson Davis	50.8	...	...	...	...	...	5.1	15.2	30.5
Lafayette	12.3	...	...	...	...	...	...	...	12.3
Lafourche	114.1	...	...	...	...	...	...	72.1	42.0
La Salle	347.6	...	5.5	33.1	22.1	270.3	...	...	16.6
Lincoln	225.8	...	...	...	...	11.6	...	...	214.2
Livingston	327.2	...	...	...	5.6	174.9	5.6	50.8	90.3
Madison	118.8	...	33.0	...	...	33.0	33.0	6.6	13.2
Morehouse	181.6	...	...	...	23.4	87.8	...	11.7	58.6
Natchitoches	553.1	100.1	...	...	17.4	203.3	17.4	75.5	139.4
Ouachita	256.5	...	13.5	13.5	13.5	54.0	6.7	13.5	141.7
Pointe Coupee	134.6	...	...	...	...	...	22.4	50.5	61.7
Rapides	576.2	80.7	...	19.1	...	190.6	6.4	108.0	171.5
Red River	151.3	...	...	...	...	40.7	5.8	23.3	81.5
Richland	68.0	...	...	...	11.3	...	11.3	22.7	22.7
Sabine	465.0	...	12.6	...	6.3	276.5	...	6.3	163.4
St. Charles	53.5	...	3.6	...	...	...	...	21.4	28.6
St. Helena	181.0	...	...	...	...	114.0	20.1	...	46.9
St. James	79.1	...	...	...	...	19.8	...	19.8	39.6
St. John the Baptist	76.9	...	...	...	...	21.0	...	34.9	21.0
St. Landry	164.7	...	...	...	4.8	48.4	29.1	29.1	53.3
St. Martin	315.5	...	...	19.3	...	6.4	...	231.8	57.9
St. Mary	124.4	...	...	6.9	...	...	20.7	48.4	48.4
St. Tammany	361.4	...	6.5	19.4	...	71.0	...	96.8	167.8
Tangipahoa	307.0	...	5.2	10.4	...	46.8	26.0	31.2	187.3
Tensas	116.4	...	...	...	...	11.1	22.2	5.5	77.6
Terrebonne	71.3	...	...	...	...	...	14.3	14.3	42.8
Union	478.4	...	30.3	6.1	6.1	145.3	30.3	24.2	236.2
Vermilion	25.7	...	...	...	...	...	...	...	25.7
Vernon	746.7	41.6	54.2	...	...	446.0	12.1	48.2	144.6
Washington	284.4	...	...	6.1	...	133.1	48.4	...	96.8
Webster	299.3	10.3	19.3	...	12.8	51.4	25.7	12.8	167.0
West Baton Rouge	49.2	...	...	...	...	...	...	43.1	6.2
West Carroll	18.9	...	...	...	...	...	...	...	18.9
West Feliciana	168.5	...	...	6.0	...	36.1	30.1	12.0	84.3
Winn	561.9	111.3	...	...	...	298.7	...	10.5	141.5
All parishes	13782.8	495.7	234.1	300.6	208.4	4472.1	724.9	2064.1	5282.8

¹Includes land leased to forest industry.²Indian land will be classed as corporate or individual as defined by the Bureau of Indian Affairs.

Table 3—Area of timberland by parish and forest type group, Louisiana Parishes, 1991

Parish	Total	Forest type group								
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood	Nontyped ¹
		Planted	Natural	Planted	Natural					
-----Thousand acres-----										
Acadia	75.9	...	...	...	8.9	4.5	13.4	40.2	4.5	4.5
Allen	346.9	59.6	...	54.2	54.2	43.4	48.8	86.7	...	...
Ascension	90.4	...	...	...	6.5	...	...	77.5	6.5	...
Assumption	128.5	...	...	...	...	...	...	114.9	13.5	...
Avoyelles	147.3	...	...	...	9.8	...	...	132.6	4.9	...
Beauregard	542.2	188.1	44.3	66.4	55.3	60.9	49.8	77.5	...	...
Bienville	445.6	...	...	105.8	89.1	122.5	72.4	55.7	...	...
Bossier	388.0	...	...	32.3	150.9	59.3	75.4	59.3	10.8	...
Caddo	317.2	...	...	...	82.0	82.0	82.0	71.1	...	...
Calcasieu	223.6	62.1	24.8	...	24.8	31.1	62.1	18.6	...	...
Caldwell	254.0	...	...	44.2	38.6	33.1	55.2	82.8	...	...
Catahoula	157.9	...	...	22.6	22.6	30.1	7.5	67.7	7.5	...
Claiborne	396.9	...	2.7	48.6	134.0	84.2	85.3	42.1	...	...
Concordia	151.1	...	...	...	...	...	...	129.5	21.6	...
De Soto	369.7	...	...	33.1	104.8	88.3	66.2	77.3	...	...
East Baton Rouge	134.2	...	...	...	6.7	...	13.4	107.3	6.7	...
East Carroll	43.4	...	...	...	...	...	...	21.7	21.7	...
East Feliciana	168.5	...	...	23.2	23.2	34.9	63.9	23.2	...	...
Evangeline	192.9	22.0	...	11.0	49.6	38.6	38.6	33.1	...	...
Franklin	89.3	...	...	20.6	...	...	6.9	55.0	6.9	...
Grant	333.3	...	15.1	49.3	87.0	56.7	64.5	60.7	...	...
Iberia	115.4	...	...	...	...	...	15.7	84.0	15.7	...
Iberville	277.4	...	...	...	...	...	...	220.8	56.6	...
Jackson	325.9	5.2	...	93.1	98.3	56.9	46.6	25.9	...	...
Jefferson Davis	50.8	...	...	...	15.2	20.3	10.2	5.1	...	...
Lafayette	12.3	...	...	...	...	...	...	12.3	...	...
Lafourche	114.1	...	...	...	...	...	...	114.1	...	...
La Salle	347.6	...	...	55.2	99.3	38.6	49.7	104.8	...	...
Lincoln	225.8	...	...	28.9	75.3	69.5	40.5	11.6	...	...
Livingston	327.2	...	...	28.2	95.9	33.8	67.7	101.5	...	...
Madison	118.8	...	...	...	...	...	...	112.2	6.6	...
Morehouse	181.6	...	...	11.7	58.6	23.4	11.7	70.3	5.9	...
Natchitoches	553.1	6.7	19.2	82.2	130.4	113.8	105.4	83.9	11.6	...
Ouachita	256.5	...	...	27.0	33.7	60.7	47.2	87.7	...	...
Pointe Coupee	134.6	...	...	...	...	...	...	123.4	11.2	...
Rapides	576.2	44.5	44.6	38.2	143.2	60.7	111.6	133.4	...	...
Red River	151.3	5.8	...	5.8	29.1	34.9	29.1	34.9	11.6	...
Richland	68.0	...	...	11.3	...	...	11.3	45.3	...	...
Sabine	465.0	...	6.3	169.7	106.8	81.7	75.4	25.1	...	...
St. Charles	53.5	...	...	...	...	...	...	46.4	7.1	...
St. Helena	181.0	...	6.7	40.2	67.0	26.8	40.2	...	...	...
St. James	79.1	...	...	...	...	...	...	79.1	...	...
St. John the Baptist	76.9	...	...	...	...	...	...	76.9	...	...
St. Landry	164.7	...	...	...	...	9.7	...	155.0	...	...
St. Martin	315.5	...	...	...	...	...	12.9	186.7	115.9	...
St. Mary	124.4	...	...	...	...	...	...	103.7	20.7	...
St. Tammany	361.4	45.2	45.2	6.5	77.4	25.8	32.3	129.1	...	...
Tangipahoa	307.0	10.4	10.4	31.2	52.0	36.4	72.8	83.3	...	10.4
Tensas	116.4	...	...	...	...	...	...	94.3	22.2	...
Terrebonne	71.3	...	...	...	...	...	...	71.3	...	...
Union	478.4	...	...	78.7	90.8	109.0	102.9	96.9	...	...
Vermilion	25.7	...	...	...	...	...	...	25.7	...	...
Vernon	746.7	127.0	38.7	124.7	160.8	122.6	100.6	72.3	...	...
Washington	284.4	...	6.1	66.6	48.4	30.3	84.7	48.4	...	...
Webster	299.3	...	...	43.7	89.9	57.8	60.4	47.5	...	...
West Baton Rouge	49.2	...	...	...	...	...	...	49.2	...	...
West Carroll	18.9	...	...	...	...	...	...	18.9	...	...
West Feliciana	168.5	...	...	6.0	...	12.0	66.2	72.2	12.0	...
Winn	561.9	...	8.6	136.7	147.6	96.7	107.2	65.2	...	...
All parishes	13782.8	576.6	272.5	1597.0	2568.1	1891.0	2107.9	4352.9	401.8	14.9

¹Timberland with no current stocking.

Table 4—Area of timberland by parish and stand-size class, Louisiana Parishes, 1991

Parish	All classes	Stand-size class		Sapling- seedling	Nonstocked ¹ areas
		Sawtimber	Poletimber		
Acadia	75.9	53.6	13.4	4.5	4.5
Allen	346.9	195.2	54.2	97.6	...
Ascension	90.4	77.5	6.5	6.5	...
Assumption	128.5	128.5	...	...	...
Avoyelles	147.3	127.7	9.8	9.8	...
Beauregard	542.2	298.8	49.8	193.6	...
Bienville	445.6	200.5	89.1	155.9	...
Bossier	388.0	253.3	32.3	102.4	...
Caddo	317.2	196.9	38.3	82.0	...
Calcasieu	223.6	80.7	37.3	93.2	12.4
Caldwell	254.0	121.5	44.2	88.3	...
Catahoula	157.9	90.3	37.6	30.1	...
Claiborne	396.9	217.0	52.5	127.4	...
Concordia	151.1	124.1	10.8	16.2	...
De Soto	369.7	226.2	44.1	99.3	...
East Baton Rouge	134.2	93.9	26.8	13.4	...
East Carroll	43.4	21.7	16.3	...	5.4
East Feliciana	168.5	104.6	17.4	40.7	5.8
Evangeline	192.9	165.4	...	27.6	...
Franklin	89.3	55.0	...	34.3	...
Grant	333.3	211.9	38.0	83.4	...
Iberia	115.4	78.7	26.2	10.5	...
Iberville	277.4	254.7	11.3	11.3	...
Jackson	325.9	129.3	72.4	124.2	...
Jefferson Davis	50.8	35.6	...	15.2	...
Lafayette	12.3	12.3	...	...	...
Lafourche	114.1	108.1	6.0	...	...
La Salle	347.6	182.1	60.7	104.8	...
Lincoln	225.8	115.8	57.9	52.1	...
Livingston	327.2	197.4	90.3	39.5	...
Madison	118.8	72.6	33.0	13.2	...
Morehouse	181.6	123.0	35.1	23.4	...
Natchitoches	553.1	264.2	108.7	180.2	...
Ouachita	256.5	141.7	47.2	67.5	...
Pointe Coupee	134.6	117.8	11.2	5.6	...
Rapides	576.2	343.8	95.4	136.9	...
Red River	151.3	99.0	17.5	34.9	...
Richland	68.0	34.0	...	34.0	...
Sabine	465.0	207.4	75.4	182.2	...
St. Charles	53.5	39.3	7.1	7.1	...
St. Helena	181.0	93.9	53.6	33.5	...
St. James	79.1	79.1	...	...	...
St. John the Baptist	76.9	48.9	28.0	...	...
St. Landry	164.7	145.3	4.8	14.5	...
St. Martin	315.5	270.4	45.1	...	...
St. Mary	124.4	69.1	27.6	27.6	...
St. Tammany	361.4	213.0	51.6	96.8	...
Tangipahoa	307.0	140.5	41.6	98.9	26.0
Tensas	116.4	83.2	22.2	11.1	...
Terrebonne	71.3	61.8	4.8	4.8	...
Union	478.4	254.3	96.9	127.2	...
Vermilion	25.7	12.8	12.8	...	...
Vernon	746.7	346.4	132.8	261.4	6.0
Washington	284.4	96.8	84.7	102.9	...
Webster	299.3	137.4	64.2	97.6	...
West Baton Rouge	49.2	43.1	6.2	...	...
West Carroll	18.9	18.9	...	...	...
West Feliciana	168.5	150.5	6.0	12.0	...
Winn	561.9	270.9	108.1	172.4	10.5
All parishes	13782.8	8137.3	2165.1	3409.8	70.6

¹Timberland less than 16.7 percent stocked.

Table 5—Area of timberland by parish and site class, Louisiana Parishes, 1991

Parish	All classes	Site class (cubic feet/acre/year)				
		> 165	120-165	85-120	50-85	< 50
-----Thousand acres-----						
Acadia	75.9	8.9	4.5	35.7	26.8	...
Allen	346.9	81.3	151.8	70.5	32.5	10.8
Ascension	90.4	6.5	19.4	19.4	45.2	...
Assumption	128.5	...	20.3	27.0	74.4	6.8
Avoyelles	147.3	24.6	29.5	49.1	44.2	...
Beauregard	542.2	49.8	271.1	166.0	44.3	11.1
Bienville	445.6	66.8	183.8	150.4	39.0	5.6
Bossier	388.0	80.8	140.1	107.8	59.3	...
Caddo	317.2	60.2	98.4	103.9	54.7	...
Calcasieu	223.6	24.8	49.7	49.7	80.7	18.6
Caldwell	254.0	11.0	77.3	77.3	82.8	5.5
Catahoula	157.9	30.1	37.6	45.1	45.1	...
Claiborne	396.9	90.7	165.6	107.7	32.8	...
Concordia	151.1	64.8	43.2	21.6	21.6	...
De Soto	369.7	88.3	160.0	99.3	22.1	...
East Baton Rouge	134.2	53.7	26.8	40.3	13.4	...
East Carroll	43.4	32.6	...	10.9	...	...
East Feliciana	168.5	52.3	93.0	17.4	...	5.8
Evangeline	192.9	71.7	66.1	44.1	11.0	...
Franklin	89.3	13.7	34.3	34.3	6.9	...
Grant	333.3	41.6	98.4	166.8	26.5	...
Iberia	115.4	...	5.2	26.2	78.7	5.2
Iberville	277.4	17.0	22.6	147.2	84.9	5.7
Jackson	325.9	56.9	129.3	113.8	25.9	...
Jefferson Davis	50.8	10.2	25.4	5.1	10.2	...
Lafayette	12.3	...	12.3	...	...	...
Lafourche	114.1	...	...	36.0	66.1	12.0
La Salle	347.6	33.1	66.2	104.8	121.4	22.1
Lincoln	225.8	40.5	75.3	69.5	40.5	...
Livingston	327.2	112.8	84.6	79.0	50.8	...
Madison	118.8	39.6	46.2	26.4	6.6	...
Morehouse	181.6	11.7	76.1	76.1	17.6	...
Natchitoches	553.1	33.2	162.7	250.0	103.8	3.3
Ouachita	256.5	20.2	128.2	74.2	33.7	...
Pointe Coupee	134.6	16.8	33.6	56.1	28.0	...
Rapides	576.2	70.3	146.5	295.8	57.2	6.4
Red River	151.3	23.3	29.1	46.6	46.6	5.8
Richland	68.0	...	56.6	11.3	...	...
Sabine	465.0	94.3	238.8	125.7	6.3	...
St. Charles	53.5	3.6	3.6	7.1	21.4	17.8
St. Helena	181.0	53.6	87.2	26.8	13.4	...
St. James	79.1	...	...	13.2	46.1	19.8
St. John the Baptist	76.9	...	7.0	...	55.9	14.0
St. Landry	164.7	14.5	24.2	72.7	48.4	4.8
St. Martin	315.5	19.3	12.9	141.7	122.3	19.3
St. Mary	124.4	...	13.8	13.8	89.8	6.9
St. Tammany	361.4	12.9	122.6	103.3	96.8	25.8
Tangipahoa	307.0	36.4	67.6	109.3	67.6	26.0
Tensas	116.4	55.4	33.3	16.6	11.1	...
Terrebonne	71.3	...	4.8	...	61.8	4.8
Union	478.4	36.3	175.6	175.6	84.8	6.1
Vermilion	25.7	...	...	...	25.7	...
Vernon	746.7	76.5	241.5	325.9	90.8	12.1
Washington	284.4	66.6	72.6	84.7	60.5	...
Webster	299.3	21.8	122.0	105.3	37.3	12.8
West Baton Rouge	49.2	18.5	12.3	12.3	6.2	...
West Carroll	18.9	...	...	18.9	...	...
West Feliciana	168.5	42.1	36.1	72.2	18.1	...
Winn	561.9	74.8	190.5	241.9	49.5	5.2
All parishes	13782.8	2066.5	4337.5	4529.5	2549.1	300.2

Table 6 – *Area of timberland by parish and stocking classes of growing-stock trees, Louisiana Parishes, 1991*

Parish	All classes	Stocking class (percent)				
		> 130	100-130	60-100	16.7-60	< 16.7
-----Thousand acres-----						
Acadia	75.9	...	17.9	26.8	26.8	4.5
Allen	346.9	16.3	124.7	130.1	75.9	...
Ascension	90.4	...	25.8	38.7	25.8	...
Assumption	128.5	6.8	60.8	54.1	6.8	...
Avoyelles	147.3	...	19.6	88.4	39.3	...
Beauregard	542.2	38.7	99.6	254.5	143.8	5.5
Bienville	445.6	22.3	178.2	194.9	50.1	...
Bossier	388.0	16.2	75.4	231.7	59.3	5.4
Caddo	317.2	10.9	60.2	180.5	60.2	5.5
Calcasieu	223.6	12.4	37.3	93.2	62.1	18.6
Caldwell	254.0	11.0	55.2	115.9	66.3	5.5
Catahoula	157.9	...	60.2	82.7	15.0	...
Claiborne	396.9	39.4	138.2	160.2	52.5	6.6
Concordia	151.1	...	21.6	91.8	37.8	...
De Soto	369.7	22.1	115.9	182.1	49.7	...
East Baton Rouge	134.2	...	20.1	53.7	60.4	...
East Carroll	43.4	...	...	21.7	16.3	5.4
East Feliciana	168.5	5.8	17.4	87.1	52.3	5.8
Evangeline	192.9	5.5	60.6	99.2	27.6	...
Franklin	89.3	13.7	13.7	34.3	13.7	13.7
Grant	333.3	19.0	121.2	166.6	26.5	...
Iberia	115.4	5.2	5.2	63.0	36.7	5.2
Iberville	277.4	...	45.3	130.2	96.2	5.7
Jackson	325.9	31.0	108.6	139.7	41.4	5.2
Jefferson Davis	50.8	...	10.2	35.6	...	5.1
Lafayette	12.3	...	...	12.3	...	...
Lafourche	114.1	12.0	18.0	48.0	36.0	...
La Salle	347.6	11.0	99.3	160.0	71.7	5.5
Lincoln	225.8	5.8	75.3	121.6	23.2	...
Livingston	327.2	33.8	112.8	129.7	50.8	...
Madison	118.8	...	6.6	79.2	33.0	...
Morehouse	181.6	5.9	46.9	93.7	35.1	...
Natchitoches	553.1	...	179.3	289.9	78.1	5.8
Ouachita	256.5	27.0	40.5	148.5	27.0	13.5
Pointe Coupee	134.6	...	28.0	84.1	22.4	...
Rapides	576.2	19.2	124.3	346.8	79.6	6.4
Red River	151.3	...	23.3	81.5	46.6	...
Richland	68.0	...	22.7	34.0	...	11.3
Sabine	465.0	81.7	144.5	201.1	31.4	6.3
St. Charles	53.5	...	10.7	32.1	10.7	...
St. Helena	181.0	6.7	73.7	93.9	6.7	...
St. James	79.1	13.2	13.2	52.7	...	...
St. John the Baptist	76.9	7.0	28.0	28.0	7.0	7.0
St. Landry	164.7	4.8	29.1	92.0	38.8	...
St. Martin	315.5	12.9	51.5	154.5	96.6	...
St. Mary	124.4	20.7	34.6	34.6	34.6	...
St. Tammany	361.4	12.9	90.4	174.3	83.9	...
Tangipahoa	307.0	10.4	46.8	109.3	78.0	62.4
Tensas	116.4	5.5	22.2	55.4	33.3	...
Terrebonne	71.3	9.5	28.5	14.3	19.0	...
Union	478.4	24.2	157.4	248.3	48.4	...
Vermilion	25.7	...	12.8	12.8	...	...
Vernon	746.7	38.2	191.0	404.8	106.6	6.0
Washington	284.4	36.3	90.8	121.0	30.3	6.1
Webster	299.3	12.8	95.1	169.5	21.8	...
West Baton Rouge	49.2	...	6.2	36.9	...	6.2
West Carroll	18.9	...	...	...	18.9	...
West Feliciana	168.5	...	30.1	102.3	36.1	...
Winn	561.9	48.6	158.1	263.9	75.7	15.7
All parishes	13782.8	736.6	3584.6	6787.9	2423.8	249.9

Table 7—Area of timberland by forest type and ownership class, Louisiana Parishes, 1991

Forest type ¹	All ownerships	National forest	Other public	Forest industry	Forest industry- leased	Other private
-----Thousand acres-----						
Longleaf-slash pine	849.1	72.3	18.8	344.3	136.7	277.0
Loblolly-shortleaf pine	4165.1	192.6	158.3	1742.7	167.2	1904.4
Softwood total	5014.3	264.9	177.1	2087.0	303.9	2181.4
Oak-pine	1891.0	103.5	41.9	538.0	105.7	1102.0
Oak-hickory	2107.9	74.1	58.9	589.2	68.9	1316.7
Oak-gum-cypress	4352.9	53.2	411.7	676.2	56.9	3154.9
Elm-ash-cottonwood	401.8	...	53.6	46.2	...	302.0
Hardwood total	8753.6	230.8	566.1	1849.7	231.5	5875.6
Nontyped ²	14.9	...	...	...	...	14.9
All types	13782.8	495.7	743.1	3936.7	535.4	8071.8

¹Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood types.

²Timberland with no current stocking.

Table 8—Area of timberland by ownership class and stocking classes of growing-stock trees, Louisiana Parishes, 1991

Ownership class	All classes	Stocking class (percent)				
		> 130	100-130	60-100	16.7-60	< 16.7
-----Thousand acres-----						
National forest	495.7	29.4	164.0	241.7	60.6	...
Other public	743.1	18.1	131.5	377.0	205.0	11.5
Forest industry	3936.7	347.3	1206.5	1864.7	480.7	37.4
Forest industry-leased	535.4	24.2	171.9	259.5	79.9	...
Other private	8071.8	317.6	1910.6	4045.0	1597.6	201.0
All ownerships	13782.8	736.6	3584.6	6787.9	2423.8	249.9

Table 9—Area of timberland by forest type and stand-size class, Louisiana Parishes, 1991

Forest type ¹	All classes	Stand-size class			Nonstocked ² areas
		Sawtimber	Poletimber	Sapling- seedling	
-----Thousand acres-----					
Longleaf-slash pine	849.1	488.9	146.8	207.4	6.0
Loblolly-shortleaf pine	4165.1	2176.1	813.1	1164.9	11.1
Softwood total	5014.3	2665.0	959.9	1372.3	17.1
Oak-pine	1891.0	970.9	245.3	674.8	...
Oak-hickory	2107.9	876.4	308.9	894.6	28.1
Oak-gum-cypress	4352.9	3376.1	568.3	403.4	5.2
Elm-ash-cottonwood	401.8	248.9	82.7	64.7	5.4
Hardwood total	8753.6	5472.2	1205.2	2037.5	38.7
Nontyped ³	14.9	...	...	...	14.9
All types	13782.8	8137.3	2165.1	3409.8	70.6

¹Forest type is based on species plurality of all live trees. Mixed types that in combination contain a majority of hardwood stocking are hardwood types.

²Timberland less than 16.7 percent stocked.

³Timberland with no current stocking.

Table 10 – Number of live trees on timberland by species and diameter class, Louisiana Parishes, 1991

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 & larger
<i>-----Thousand trees-----</i>													
Longleaf-slash pines	203499	59887	49122	26739	22550	20364	13811	5993	2980	1239	542	273	...
Shortleaf-loblolly pines	1889316	882941	441259	220451	135183	75666	51860	34523	21659	12711	6419	6314	329
Other yellow pines	5879	1642	1109	544	433	576	442	328	282	207	141	166	9
Cypress	131406	24952	23183	18277	16354	12040	10038	8442	7010	4879	2579	3115	537
Other softwoods	12681	9519	2067	596	154	209	93	25	...	12	...	...	5
Total softwoods	2242780	978941	516740	266607	174674	108856	76243	49312	31932	19048	9680	9867	880
Select white oaks	145169	84519	28293	11420	5864	4867	3476	2138	1518	1147	631	1098	197
Select red oaks	59423	32200	9006	4407	3511	2929	1826	1295	1345	823	776	1096	210
Other white oaks	152287	81815	26458	14571	9095	6414	4249	2979	1983	1608	979	1824	311
Other red oaks	696934	477915	87533	35067	26271	19740	14369	11357	7504	5410	3639	6509	1620
Hickory	188491	115341	27927	14148	9281	7530	4194	3508	2476	1531	1098	1233	225
Hard maple	16007	13622	1084	753	304	57	111	19	34	...	...	23	...
Soft maple	643518	474271	100128	33988	18217	7585	4235	2219	1487	687	365	299	36
Beech	28678	17930	2534	953	404	1279	858	825	1075	797	460	1348	213
Sweetgum	1076954	712353	189796	76663	36588	24909	13974	9410	5566	3364	2021	2133	178
Tupelo-blackgum	463812	256218	74971	40525	29453	23763	16301	10693	5703	3235	1124	1656	169
Ash	255538	168508	38136	18164	10809	6406	4243	2954	2333	1393	1040	1374	178
Cottonwood-aspen	7376	...	2045	1121	715	747	747	544	356	408	263	339	91
Basswood	3590	2075	506	582	179	...	169	32	...	13	20	6	8
Yellow-poplar	7672	2966	1721	702	444	434	350	275	316	117	131	180	35
Black walnut	318	...	...	114	139	...	...	23	36	...	...	7	...
Other hardwoods	1159857	815983	184741	62151	33993	19915	15373	9565	7054	4268	2671	3598	544
Total hardwoods	4905624	3255716	774880	315328	185267	126575	84477	57837	38785	24801	15220	22723	4017
Noncommercial	768035	577252	120445	44921	16125	5511	2184	841	275	170	80	181	51
All species	7916439	4811909	1412064	626855	376066	240942	162905	107990	70992	44019	24980	32771	4948

Table 11 – Number of growing-stock trees on timberland by species and diameter class, Louisiana Parishes, 1991

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 & larger
<i>-----Thousand trees-----</i>													
Longleaf-slash pines	186175	48453	45092	25682	22116	20152	13739	5949	2980	1226	531	255	...
Shortleaf-loblolly pines	1648314	716558	386919	206694	131890	73661	51482	34248	21488	12573	6359	6115	326
Other yellow pines	4540	1050	592	429	377	576	383	328	282	207	141	166	9
Cypress	109758	17163	18986	14789	15299	8812	9183	8055	6847	4814	2498	3005	306
Other softwoods	10962	7939	2067	596	90	167	67	25	...	12	...	...	...
Total softwoods	1959749	791164	453656	248190	169772	103368	74855	48605	31597	18832	9529	9541	641
Select white oaks	90422	45265	16770	9714	5321	4598	2959	1835	1400	1030	538	881	110
Select red oaks	40141	18365	5360	3590	3222	2807	1625	1165	1260	788	732	1037	189
Other white oaks	85683	37050	14658	10215	7629	5230	3265	2484	1617	1250	767	1314	205
Other red oaks	445612	273401	60661	28685	23467	17411	11586	9723	6468	4791	3148	5254	1017
Hickory	98858	46692	15749	9890	7704	6766	3240	2994	2244	1412	917	1076	176
Hard maple	4544	3581	...	532	304	...	61	19	34	...	...	14	...
Soft maple	252486	157612	50092	22352	11871	5417	2312	1246	811	328	247	187	12
Beech	13073	7464	552	716	260	914	483	490	635	468	278	739	74
Sweetgum	658737	396335	113967	62005	32120	22471	11399	8486	5011	3114	1784	1908	137
Tupelo-blackgum	214810	75223	38290	29915	24366	19836	9311	8314	4967	2539	947	1026	75
Ash	126593	70593	20921	11917	8528	4922	2687	2082	1763	1195	848	1035	102
Cottonwood-aspen	7058	...	2045	1121	627	672	690	508	338	396	263	326	73
Basswood	1580	511	506	267	109	...	124	32	...	13	10	...	8
Yellow-poplar	6440	2489	1167	618	444	434	261	275	316	117	131	166	22
Black walnut	227	...	...	114	72	...	...	23	18	...	...	...	...
Other hardwoods	498199	307287	80641	40180	25314	15228	10172	6684	4864	3034	1955	2602	236
Total hardwoods	2544464	1441870	421379	231832	151359	106705	60175	46359	31743	20475	12567	17564	2437
All species	4504213	2233033	875035	480022	321131	210073	135030	94964	63340	39306	22096	27105	3077

Table 12—Volume of growing stock on timberland by species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)									
		5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
-----Million cubic feet-----											
Longleaf-slash pines	1186.3	60.5	148.4	267.8	286.8	180.7	121.9	62.7	36.9	20.5	...
Shortleaf-loblolly pines	7113.4	498.0	791.4	935.7	1080.1	1061.4	908.8	703.5	448.7	627.0	58.9
Other yellow pines	92.0	1.0	2.6	8.1	9.2	11.6	13.7	13.6	12.0	18.4	1.8
Cypress	1499.9	33.5	86.1	103.4	162.8	213.8	252.0	227.9	142.6	236.0	41.8
Other softwoods	4.6	1.3	0.3	1.4	0.9	0.4	...	0.2	...	...	...
Total softwoods	9896.1	594.3	1028.9	1316.3	1539.8	1468.0	1296.3	1007.9	640.2	901.9	102.5
Select white oaks	411.3	25.0	32.7	49.6	54.7	48.1	47.3	46.3	29.7	62.9	15.0
Select red oaks	365.3	8.7	20.4	32.3	30.4	32.8	46.7	38.0	41.4	86.7	27.8
Other white oaks	451.2	24.6	40.4	49.6	48.9	53.0	44.9	43.9	36.6	84.5	24.9
Other red oaks	1984.5	78.3	141.9	192.9	203.8	247.6	212.6	206.4	168.4	395.0	137.8
Hickory	563.7	23.3	42.6	70.3	55.8	73.1	72.4	61.3	50.7	83.1	31.0
Hard maple	7.0	2.1	1.4	...	1.0	0.4	1.2	...	...	0.8	...
Soft maple	303.7	59.7	68.9	54.2	37.1	26.4	22.2	11.3	11.7	10.9	1.3
Beech	148.9	1.8	1.5	9.2	7.9	11.0	20.5	19.2	15.5	53.6	8.8
Sweetgum	1665.8	141.3	188.4	252.5	221.1	237.6	191.7	151.3	105.8	159.8	16.3
Tupelo-blackgum	1090.5	68.9	129.3	200.2	152.4	188.3	145.0	99.5	42.3	57.2	7.4
Ash	426.8	30.9	52.4	51.1	43.4	47.2	52.7	43.5	38.5	59.2	7.9
Cottonwood-aspen	131.6	2.5	2.5	7.8	13.7	14.3	12.6	19.5	16.7	30.4	11.5
Basswood	5.9	0.8	0.6	...	2.0	0.9	...	0.6	0.3	...	0.7
Yellow-poplar	61.9	1.7	2.3	5.1	5.0	6.5	10.2	5.9	8.1	13.9	3.3
Black walnut	1.9	0.3	0.3	...	...	0.6	0.6	...	...	...	...
Other hardwoods	1299.6	101.3	144.7	155.6	170.4	156.0	150.1	120.2	94.7	181.7	25.0
Total hardwoods	8919.6	571.1	870.3	1130.4	1047.7	1143.6	1030.7	867.0	660.5	1279.6	318.7
All species	18815.7	1165.4	1899.2	2446.7	2587.5	2611.6	2327.0	1874.8	1300.6	2181.6	421.2

Table 13—Volume of growing stock in the sawlog portion of sawtimber¹ trees on timberland by species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million cubic feet-----									
Longleaf-slash pines	851.9	216.4	252.6	164.0	111.0	56.1	33.5	18.4	...
Shortleaf-loblolly pines	5191.6	747.2	957.2	967.3	834.8	646.7	411.6	574.4	52.4
Other yellow pines	81.3	6.2	8.5	10.9	12.4	13.0	11.5	17.0	1.7
Cypress	1231.6	70.3	131.6	189.1	231.8	212.9	134.0	222.5	39.6
Other softwoods	2.5	1.0	0.9	0.4	...	0.2	...	...	...
Total softwoods	7358.8	1041.1	1350.7	1331.7	1190.0	928.9	590.5	832.3	93.6
Select white oaks	246.5	...	41.4	37.9	38.5	38.4	24.4	52.4	13.6
Select red oaks	255.3	...	21.7	26.8	38.7	33.2	35.3	75.3	24.3
Other white oaks	275.2	...	38.0	43.2	36.7	36.2	30.5	69.5	21.1
Other red oaks	1308.3	...	149.6	204.4	179.8	175.4	142.0	337.0	120.2
Hickory	347.4	...	41.9	58.1	58.4	49.6	41.9	69.8	27.8
Hard maple	3.1	...	0.9	0.2	1.2	...	...	0.8	...
Soft maple	94.7	...	26.3	20.5	17.5	9.4	10.1	9.8	1.1
Beech	114.0	...	6.1	9.2	17.1	16.7	12.6	44.8	7.5
Sweetgum	899.6	...	155.6	195.8	162.4	134.7	93.5	142.5	15.1
Tupelo-blackgum	563.9	...	103.9	147.8	124.7	89.5	39.0	52.1	6.9
Ash	240.2	...	30.5	37.0	43.6	37.7	33.1	51.4	6.9
Cottonwood-aspen	99.8	...	9.5	11.4	10.5	15.7	14.6	27.3	10.7
Basswood	3.4	...	1.3	0.6	...	0.5	0.2	...	0.7
Yellow-poplar	44.4	...	3.5	4.8	8.6	5.2	7.1	12.1	3.1
Black walnut	1.1	...	...	0.4	0.6	...	...	...	...
Other hardwoods	730.3	...	122.8	123.3	123.8	101.4	79.1	157.6	22.4
Total hardwoods	5227.2	...	752.9	921.3	862.1	743.6	563.5	1102.4	281.4
All species	12585.9	1041.1	2103.6	2253.0	2052.0	1672.5	1154.0	1934.7	375.1

¹That part of the bole of sawtimber trees between a 1-foot stump and sawlog top.

Table 14—*Volume of sawtimber on timberland by species and diameter class, Louisiana Parishes, 1991*

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
----- Million board feet -----									
Longleaf-slash pines	5169.1	1194.7	1517.2	1028.1	714.3	365.4	225.3	124.2	...
Shortleaf-loblolly pines	32358.5	4082.7	5732.5	6057.8	5329.9	4196.0	2723.6	3870.4	365.7
Other yellow pines	522.1	34.5	52.0	69.3	81.7	87.3	74.3	110.9	12.2
Cypress	6630.2	330.5	677.2	1008.4	1272.3	1171.7	734.6	1225.8	209.7
Other softwoods	12.4	4.7	4.1	2.0	...	1.6	...	...	...
Total softwoods	44692.4	5647.1	7983.0	8165.5	7398.2	5821.9	3757.7	5331.3	587.6
Select white oaks	1513.6	...	232.5	222.3	234.9	242.9	157.7	337.0	86.3
Select red oaks	1568.4	...	118.9	157.9	229.9	202.2	220.3	485.9	153.4
Other white oaks	1671.8	...	204.3	246.0	217.3	222.6	192.8	447.1	141.8
Other red oaks	7859.2	...	817.4	1180.9	1061.4	1063.8	886.3	2118.3	731.0
Hickory	2125.8	...	234.9	340.4	357.5	310.6	264.9	443.7	173.8
Hard maple	18.9	...	4.9	1.4	7.7	...	...	4.9	...
Soft maple	514.9	...	141.4	110.9	94.6	55.3	55.7	51.0	6.1
Beech	724.4	...	34.1	54.3	106.7	104.7	84.0	290.9	49.6
Sweetgum	5302.1	...	867.3	1139.0	957.9	810.0	568.1	877.7	82.0
Tupelo-blackgum	2895.6	...	508.5	754.8	644.4	482.4	204.8	268.4	32.3
Ash	1296.3	...	158.4	197.4	238.8	209.6	181.6	276.6	33.9
Cottonwood-aspen	601.9	...	53.6	66.6	63.0	97.4	91.9	168.5	61.0
Basswood	18.6	...	7.1	3.5	...	3.2	0.9	...	3.8
Yellow-poplar	263.5	...	20.4	27.0	48.8	32.5	43.4	74.7	16.7
Black walnut	6.6	...	...	2.7	4.0	...	...	...	...
Other hardwoods	4181.9	...	673.2	695.5	717.9	589.2	464.7	929.0	112.3
Total hardwoods	30563.4	...	4076.7	5200.8	4984.7	4426.4	3417.1	6773.8	1683.9
All species	75255.8	5647.1	12059.8	13366.4	12382.8	10248.3	7174.8	12105.1	2271.5

Table 15—Volume of growing stock and sawtimber on timberland by parish and species group, Louisiana Parishes, 1991

Parish	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	Pine						Pine					
	All species	Planted	Natural	Other	Soft ¹	Hard ²	All species	Planted	Natural	Other	Soft ¹	Hard ²
-----Million cubic feet-----												
Acadia	106.0	...	23.0	9.8	44.3	29.0	433.2	...	120.9	38.8	135.8	137.6
Allen	406.3	122.3	139.6	4.3	69.9	70.3	1733.0	526.0	679.4	19.3	220.4	288.0
Ascension	168.9	...	26.5	36.4	79.9	26.2	619.1	...	145.2	159.8	204.6	109.5
Assumption	309.1	...	...	146.2	139.0	24.0	1045.9	...	...	637.6	330.4	77.8
Avoyelles	267.7	...	21.8	42.6	74.8	128.5	1111.3	...	126.3	193.9	253.3	537.8
Beauregard	603.9	319.6	142.0	7.6	69.4	65.4	2464.6	1366.0	583.4	41.2	213.3	260.7
Bienville	593.5	138.7	253.8	6.5	78.9	115.6	2287.6	411.6	1237.4	25.8	207.3	405.4
Bossier	583.8	38.9	332.9	4.1	67.9	140.1	2527.5	185.6	1646.5	19.7	187.9	487.8
Caddo	380.2	...	187.6	4.1	63.1	125.4	1539.3	...	868.9	21.7	188.3	460.4
Calcasieu	179.3	53.6	64.7	10.3	20.7	30.0	630.6	139.6	279.4	36.2	63.2	112.1
Caldwell	268.2	27.7	59.1	6.5	47.5	127.5	1142.2	66.9	290.8	37.6	165.9	581.0
Catahoula	190.4	15.4	52.4	4.1	38.1	80.3	670.8	18.1	202.1	14.7	115.3	320.7
Claiborne	608.1	95.7	320.6	3.7	84.1	103.9	2501.7	449.0	1529.9	15.8	157.6	349.3
Concordia	269.9	...	...	8.7	159.7	101.5	1165.5	...	...	46.2	662.7	456.7
De Soto	543.8	27.9	327.8	15.8	77.1	95.3	2355.5	47.3	1697.0	86.1	206.7	318.5
East Baton Rouge	176.3	...	18.2	15.6	76.0	66.5	692.9	...	79.6	78.8	254.9	279.6
East Carroll	48.4	...	...	1.2	36.3	11.0	181.2	...	...	5.1	120.0	56.1
East Feliciana	218.0	11.3	105.1	...	37.9	63.7	952.2	18.0	548.2	...	125.3	260.6
Evangeline	349.1	41.1	195.8	0.9	51.2	60.2	1679.1	196.1	1067.0	3.4	182.2	230.4
Franklin	126.1	29.7	...	5.7	44.1	46.7	529.7	133.7	...	24.1	165.3	206.6
Grant	556.4	51.3	267.0	30.0	87.4	120.7	2429.1	181.8	1385.5	76.6	332.3	452.9
Iberia	156.4	...	...	72.8	55.1	28.5	574.7	...	...	303.3	177.5	93.9
Iberville	415.0	...	...	88.9	205.2	120.9	1559.5	...	...	409.2	686.2	464.1
Jackson	361.6	76.5	175.6	0.8	37.7	71.0	1452.9	191.8	886.6	4.0	112.1	258.4
Jefferson Davis	84.2	...	53.1	...	9.8	21.3	400.9	...	284.7	...	28.3	87.9
Lafayette	20.0	...	...	0.9	6.9	12.3	64.4	...	...	3.3	21.6	39.5
Lafourche	212.8	...	...	102.8	87.6	22.3	839.6	...	...	478.9	289.3	71.4
La Salle	367.6	60.4	112.8	16.2	40.8	137.4	1517.0	291.4	443.3	74.1	114.0	594.2
Lincoln	357.1	38.7	201.4	...	46.5	70.5	1382.6	179.5	845.4	...	97.2	260.5
Livingston	545.1	76.6	196.9	36.2	134.6	100.8	2044.8	345.0	784.2	136.0	313.7	465.8
Madison	170.5	...	...	...	86.8	83.7	611.0	...	...	...	291.4	319.7
Morehouse	268.7	25.9	122.4	...	24.2	96.2	1124.3	131.3	631.6	...	60.1	301.3
Natchitoches	677.2	52.0	346.7	11.4	88.2	178.9	2795.5	193.9	1687.7	50.8	252.8	610.3
Ouachita	363.1	40.9	114.8	34.8	35.7	136.8	1336.5	68.4	534.0	166.9	69.5	497.7
Pointe Coupee	234.9	...	...	9.1	129.7	96.1	895.4	...	...	40.5	456.7	398.3
Rapides	773.7	70.7	357.8	22.9	124.1	198.3	3250.6	244.1	1766.0	95.6	388.6	756.2
Red River	171.5	9.0	62.8	1.3	43.1	55.2	699.7	40.5	311.3	7.5	131.8	208.6
Richland	61.3	...	...	1.8	30.0	29.6	209.1	...	...	7.7	91.7	109.7
Sabine	568.1	75.5	293.9	2.0	82.1	114.6	2228.1	141.6	1379.3	10.6	199.7	496.9
St. Charles	73.1	...	...	20.2	42.9	10.1	240.2	...	...	97.3	123.0	19.9
St. Helena	293.5	20.8	195.1	...	26.4	51.3	1286.9	23.9	1036.8	...	56.8	169.4
St. James	185.6	...	...	80.2	68.9	36.5	676.4	...	...	372.1	172.7	131.6
St. John the Baptist	141.2	...	...	69.7	69.1	2.3	526.3	...	...	358.4	162.7	5.2
St. Landry	258.4	...	10.9	41.9	113.3	92.4	1057.0	...	49.0	194.0	411.2	402.8
St. Martin	548.2	...	...	180.1	313.1	54.9	2017.4	...	...	772.8	1098.0	146.7
St. Mary	202.9	...	...	78.0	110.4	14.5	669.0	...	...	353.5	276.1	39.4
St. Tammany	490.1	27.6	206.0	32.4	132.5	91.7	1987.5	60.6	1002.2	159.7	381.2	383.8
Tangipahoa	302.0	12.7	127.4	34.4	68.9	58.6	1236.9	32.1	706.5	94.1	172.1	232.1
Tensas	190.6	...	...	...	94.0	96.6	770.4	...	...	...	340.9	429.5
Terrebonne	160.8	...	...	89.6	62.2	9.1	580.2	...	...	345.4	210.7	24.1
Union	632.2	141.6	232.0	22.1	77.4	159.2	2555.2	595.9	1135.3	101.4	219.1	503.4
Vermilion	62.1	...	...	3.1	52.0	7.0	214.9	...	...	17.0	174.0	23.9
Vernon	767.0	223.3	312.7	10.0	119.8	101.2	2887.9	823.9	1361.2	48.0	309.1	345.7
Washington	287.9	41.0	93.3	5.4	74.6	73.7	993.8	48.6	478.6	24.5	186.2	255.9
Webster	413.3	25.7	200.6	13.1	70.7	103.3	1602.1	38.2	1057.7	42.9	141.2	322.2
West Baton Rouge	71.7	...	...	0.8	52.2	18.7	286.6	...	...	4.4	196.3	85.9
West Carroll	20.1	...	...	...	13.6	6.5	26.6	...	...	...	26.6	...
West Feliciana	283.4	...	21.8	37.8	112.9	110.9	1242.0	...	134.0	184.3	446.3	477.4
Winn	669.0	138.0	285.9	19.9	83.6	141.7	2720.0	426.8	1429.8	101.9	222.2	539.4
All parishes	18815.7	2130.0	6261.7	1504.5	4473.6	4445.9	75255.8	7616.9	30432.8	6642.6	13601.1	16962.3

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 16—*Volume of timber on timberland by class of timber and species group, Louisiana Parishes, 1991*

Class of timber	All species	Softwood			Hardwood	
		Pine			Soft ¹	Hard ²
		Planted	Natural	Other		
----- <i>Million cubic feet</i> -----						
Sawtimber trees:						
Saw-log portion	12585.9	1270.4	4854.3	1234.0	2405.5	2821.7
Upper-stem portion	2034.7	201.8	563.1	149.2	527.1	593.5
Total	14620.7	1472.3	5417.5	1383.2	2932.6	3415.2
Poletimber trees	4195.0	657.7	844.2	121.3	1541.1	1030.8
All growing-stock trees	18815.7	2130.0	6261.7	1504.5	4473.6	4445.9
Rough trees:						
Sawtimber size	990.3	14.6	31.5	57.8	465.1	421.3
Poletimber size	610.8	12.7	32.7	10.4	239.5	315.5
Total	1601.2	27.4	64.3	68.2	704.6	736.7
Rotten trees:						
Sawtimber size	274.1	0.1	1.9	32.8	99.2	140.1
Poletimber size	19.2	0.3	...	...	12.6	6.3
Total	293.3	0.4	1.9	32.8	111.8	146.4
Salvable dead trees:						
Sawtimber size	21.6	3.1	8.5	...	4.0	6.0
Poletimber size	11.4	1.1	1.5	0.2	5.4	3.1
Total	33.0	4.2	10.1	0.2	9.4	9.1
All classes	20743.2	2161.9	6337.9	1605.8	5299.4	5338.2

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 17—*Volume of live trees and growing stock on timberland by ownership class and species group, Louisiana Parishes, 1991*

Ownership class	Live trees						Growing stock						
	All species	Softwood			Hardwood		All species	Softwood			Hardwood		
		Planted	Pine		Other	Soft ¹		Hard ²	Planted	Pine		Soft ¹	Hard ²
			Natural							Natural			
----- <i>Million cubic feet</i> -----													
National forest	932.6	102.4	507.4	2.9	104.1	215.7	885.4	101.5	505.1	2.6	91.5	184.6	
Other public	1165.0	5.0	297.9	63.2	293.7	505.2	1032.2	4.8	292.9	58.5	245.8	430.2	
Forest industry	5025.5	1169.7	1540.6	206.4	979.9	1128.9	4670.5	1155.7	1527.7	196.5	836.5	954.2	
Forest industry-leased	578.3	192.5	201.9	2.8	67.7	113.4	542.6	191.7	201.3	2.8	57.2	89.5	
Other private	13008.9	688.1	3780.0	1330.3	3844.6	3365.9	11685.0	676.3	3734.6	1244.1	3242.6	2787.4	
All ownerships	20710.2	2157.7	6327.8	1605.6	5290.0	5329.1	18815.7	2130.0	6261.7	1504.5	4473.6	4445.9	

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 18—Average net annual growth of growing stock and sawtimber on timberland by parish and species group, Louisiana Parishes, 1991

Parish	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft ¹	Hard ²	All species	Pine		Other	Soft ¹	Hard ²
		Planted	Natural					Planted	Natural			
-----Million cubic feet-----												
Acadia	2.4	...	1.2	0.1	-0.2	1.3	16.6	...	4.7	0.7	4.1	7.0
Allen	17.7	7.8	6.0	...	1.5	2.4	81.2	33.5	34.0	-0.2	4.4	9.5
Ascension	1.4	...	1.1	0.4	0.3	-0.3	16.1	...	8.4	2.0	5.7	...
Assumption	9.3	...	...	2.6	5.2	1.5	37.5	...	...	10.4	20.3	6.8
Avoyelles	9.5	...	1.1	1.5	2.9	4.0	38.3	...	6.2	8.8	8.8	14.5
Beauregard	36.5	18.7	13.9	...	2.8	1.1	197.2	112.8	68.0	-0.2	7.5	9.1
Bienville	36.7	13.8	15.1	0.3	3.6	3.9	136.2	41.9	76.7	1.6	5.9	10.1
Bossier	26.1	1.5	15.5	0.1	1.9	7.1	134.1	7.4	96.2	0.4	5.3	24.7
Caddo	18.4	...	11.1	0.1	2.3	4.9	91.5	...	64.7	...	3.9	22.9
Calcasieu	11.3	5.1	2.7	0.1	0.7	2.6	46.5	18.9	14.6	0.6	3.3	9.2
Caldwell	12.7	3.3	2.4	...	1.3	5.7	36.8	1.6	13.9	...	1.8	19.5
Catahoula	9.3	1.1	2.7	0.1	2.4	3.0	33.5	2.2	13.0	0.7	7.4	10.2
Claiborne	30.4	6.5	18.4	-0.3	3.4	2.4	161.9	42.8	101.4	-0.3	7.9	10.2
Concordia	7.5	...	...	...	5.2	2.4	31.6	...	...	...	22.4	9.2
De Soto	25.6	4.4	12.3	0.7	2.6	5.6	114.7	10.2	77.6	3.6	5.9	17.5
East Baton Rouge	7.5	...	0.9	0.3	3.7	2.6	29.0	...	4.7	1.7	11.9	10.7
East Carroll	1.8	...	...	0.2	1.4	0.1	10.0	...	...	1.1	7.9	1.0
East Feliciana	12.5	2.8	5.3	...	1.8	2.6	64.5	9.9	32.9	...	7.8	13.9
Evangeline	9.5	1.5	6.1	...	0.5	1.4	62.9	9.6	45.9	...	3.8	3.5
Franklin	4.6	2.0	...	-0.5	1.0	2.2	27.3	12.9	...	-2.8	3.9	13.4
Grant	20.9	5.4	8.9	0.4	3.3	2.9	91.4	17.7	48.8	2.1	10.1	12.7
Iberia	5.0	...	...	1.9	2.2	0.9	24.1	...	...	12.9	7.5	3.7
Iberville	12.6	...	...	1.5	7.4	3.7	45.3	...	...	8.2	23.5	13.7
Jackson	20.9	7.7	9.6	...	0.9	2.8	91.1	17.5	56.7	0.3	2.8	13.9
Jefferson Davis	3.5	...	2.5	...	0.3	0.7	20.2	...	16.5	...	0.7	3.0
Lafayette	0.5	...	...	...	0.1	0.4	2.9	...	...	0.5	0.2	2.2
Lafourche	2.1	...	...	1.9	0.2	-0.1	11.0	...	...	8.7	2.1	0.2
La Salle	20.2	4.1	8.9	1.8	1.4	4.0	78.2	19.3	30.0	10.7	1.4	16.7
Lincoln	16.2	2.0	10.8	...	2.0	1.4	75.7	10.2	52.5	...	6.0	6.9
Livingston	25.5	2.5	15.2	0.5	2.5	4.7	116.3	15.5	68.1	1.8	10.9	20.0
Madison	10.2	...	...	...	5.1	5.1	41.8	...	...	...	19.5	22.2
Morehouse	14.8	1.6	7.0	...	0.3	5.8	73.1	11.7	37.3	...	4.0	20.0
Natchitoches	28.0	2.7	15.3	0.3	2.8	6.8	155.3	9.3	99.8	1.8	11.7	32.7
Ouachita	19.1	4.8	7.2	0.3	0.7	6.1	74.5	9.8	34.1	1.9	4.8	23.9
Pointe Coupee	9.5	...	...	0.1	6.0	3.4	33.3	...	...	0.4	21.1	11.8
Rapides	38.1	5.9	20.5	0.6	3.7	7.4	179.3	32.4	102.3	4.2	9.7	30.8
Red River	6.4	0.9	2.7	...	2.1	0.8	26.2	5.4	13.0	...	3.6	4.3
Richland	4.7	...	...	...	1.6	3.1	31.8	...	...	...	17.2	14.6
Sabine	32.3	9.1	14.5	...	2.8	5.9	129.5	18.5	75.6	-0.1	6.3	29.2
St. Charles	1.1	...	...	...	1.0	0.1	2.3	...	...	0.2	2.1	...
St. Helena	15.7	3.2	8.1	...	0.7	3.8	57.3	5.3	41.1	...	1.5	9.4
St. James	1.0	...	...	0.3	-0.7	1.4	7.2	...	...	2.2	1.5	3.5
St. John the Baptist	-4.7	...	...	-2.8	-1.7	-0.1	-23.5	...	...	-13.4	-9.1	-1.0
St. Landry	9.6	...	1.4	1.5	5.1	1.7	43.6	...	7.5	7.7	20.2	8.2
St. Martin	15.5	...	...	5.3	8.3	1.9	78.4	...	...	26.7	47.3	4.4
St. Mary	4.7	...	...	0.8	3.7	0.2	19.0	...	...	4.3	14.0	0.7
St. Tammany	20.2	1.9	10.0	0.6	4.6	3.0	98.9	5.7	64.0	2.1	13.3	13.7
Tangipahoa	17.5	3.5	8.6	0.9	1.9	2.5	94.2	22.5	48.4	5.1	6.3	11.8
Tensas	8.1	...	...	...	4.0	4.1	39.9	...	...	...	19.2	20.7
Terrebonne	...	...	...	-0.3	0.1	0.2	-0.8	...	...	-0.3	-1.5	1.0
Union	26.1	7.8	12.1	1.1	1.9	3.2	107.4	32.4	56.6	5.9	4.7	7.8
Vermilion	0.6	...	...	...	0.4	0.1	2.3	...	...	...	1.8	0.5
Vernon	45.5	15.2	21.6	-0.1	4.7	4.1	190.8	54.5	107.1	0.3	9.0	20.0
Washington	21.2	5.5	7.5	0.1	4.6	3.4	73.7	7.0	42.4	0.5	13.4	10.4
Webster	19.8	1.8	9.7	0.6	2.0	5.7	76.9	2.4	53.1	1.5	2.1	17.8
West Baton Rouge	1.7	...	...	...	1.3	0.5	4.7	...	...	...	2.9	1.7
West Carroll	1.2	...	...	...	-0.2	1.4	-0.1	...	...	...	-0.1	...
West Feliciana	11.4	...	2.2	-0.2	5.3	4.1	55.5	...	13.0	-0.7	25.7	17.6
Winn	37.7	13.9	15.2	0.9	3.7	4.0	144.6	41.5	72.1	4.3	8.8	17.7
All parishes	835.1	167.9	335.2	23.7	140.3	168.0	3740.8	642.1	1803.2	127.6	496.6	671.3

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 19—Average annual removals of growing stock and sawtimber on timberland by parish and species group, Louisiana Parishes, 1991

Parish	Growing stock						Sawtimber					
	Softwood			Hardwood			Softwood			Hardwood		
	All species	Pine		Other	Soft ¹	Hard ²	All species	Pine		Other	Soft ¹	Hard ²
		Planted	Natural					Planted	Natural			
----- Million cubic feet -----												
Acadia	0.6	...	0.3	...	0.1	0.2	1.5	...	0.7	...	0.5	0.4
Allen	21.5	4.3	12.0	...	2.8	2.4	93.5	13.6	62.4	...	8.6	8.8
Ascension	0.1	...	...	...	0.1	...	...	...	...	...	...	...
Assumption	0.2	...	...	...	0.2	...	0.8	...	...	...	0.8	...
Avoyelles	2.9	...	0.7	...	0.3	1.9	11.0	...	1.5	...	1.4	8.0
Beauregard	46.9	24.5	18.2	...	3.0	1.2	163.6	70.8	76.9	...	11.0	5.0
Bienville	49.1	18.3	21.4	0.2	4.0	5.1	192.9	63.2	100.1	0.7	9.0	19.9
Bossier	40.4	...	25.2	...	2.9	12.3	176.9	...	131.3	...	9.1	36.5
Caddo	22.9	...	11.9	...	5.4	5.6	89.1	...	54.1	...	14.1	20.8
Calcasieu	12.3	2.4	7.8	...	0.7	1.4	53.3	4.6	41.5	...	1.1	6.2
Caldwell	20.7	3.2	10.7	...	1.3	5.5	88.1	13.6	57.2	...	1.3	16.0
Catahoula	3.7	...	3.7	...	...	...	21.4	...	21.4	...	...	...
Claiborne	35.0	6.7	19.0	...	5.3	4.1	141.4	32.0	85.7	...	11.9	11.8
Concordia	7.9	...	...	...	6.8	1.0	38.5	...	...	...	33.0	5.5
De Soto	28.0	3.6	16.5	...	2.8	5.1	101.6	18.1	63.0	...	6.2	14.4
East Baton Rouge	0.8	...	...	...	0.6	0.2	3.7	...	...	...	2.6	1.0
East Carroll	4.3	...	...	...	3.6	0.7	20.2	...	...	...	16.3	3.9
East Feliciana	17.3	4.8	11.1	...	0.6	0.8	92.5	26.0	61.7	...	1.0	3.8
Evangeline	7.2	2.1	2.8	...	1.2	1.2	26.8	4.1	14.1	...	4.2	4.5
Franklin	1.4	...	...	...	0.8	0.5	4.6	...	...	...	3.0	1.6
Grant	25.6	1.3	20.2	...	2.4	1.7	116.1	5.5	104.4	...	1.8	4.4
Iberia	0.5	...	...	...	0.1	0.4	1.7	...	...	...	...	1.7
Iberville	0.5	...	...	...	0.3	0.1	2.2	...	...	...	1.5	0.8
Jackson	34.8	1.1	23.1	...	2.0	8.5	150.4	2.7	115.8	...	5.0	26.9
Jefferson Davis	0.9	...	0.8	...	0.1	...	5.8	...	5.0	...	0.8	...
Lafayette	...	...	...	...	...	...	...	...	...	...	...	...
Lafourche	1.9	...	...	...	1.0	0.9	4.8	...	...	...	2.7	2.0
La Salle	29.5	7.8	16.0	...	0.7	5.0	108.8	27.7	62.2	...	1.2	17.7
Lincoln	15.1	0.2	10.1	...	3.7	1.1	66.1	...	49.2	...	12.3	4.6
Livingston	22.2	0.8	18.3	0.3	1.9	1.0	113.5	1.5	99.5	1.4	7.6	3.6
Madison	5.1	...	...	...	3.0	2.2	24.8	...	...	...	11.8	13.0
Morehouse	14.3	2.1	4.9	...	3.1	4.2	61.4	5.5	28.9	...	13.1	13.9
Natchitoches	36.4	0.8	27.8	...	2.2	5.7	163.5	4.1	138.2	...	3.3	17.9
Ouachita	17.2	0.8	12.0	...	0.3	4.1	66.2	...	51.9	...	1.1	13.2
Pointe Coupee	4.5	...	...	...	2.0	2.5	20.6	...	...	...	6.9	13.8
Rapides	41.2	4.6	30.2	...	0.8	5.7	161.2	14.5	122.7	...	2.3	21.7
Red River	10.3	1.5	7.1	...	1.5	0.2	32.1	6.1	25.4	...	0.7	...
Richland	0.8	...	...	...	0.3	0.5	2.6	...	...	...	0.8	1.8
Sabine	51.3	8.5	32.9	...	6.3	3.7	212.6	34.5	156.8	...	10.6	10.8
St. Charles	3.0	...	...	2.7	0.3	...	13.9	...	...	12.3	1.6	...
St. Helena	10.3	1.9	6.6	...	1.0	0.8	33.8	7.0	23.8	...	1.9	1.1
St. James	0.2	...	...	...	0.2	...	0.7	...	...	...	0.7	...
St. John the Baptist	2.9	...	...	1.0	1.8	...	11.0	...	...	5.1	5.8	...
St. Landry	18.7	...	0.4	0.3	9.8	8.3	80.4	...	2.0	...	38.0	40.5
St. Martin	4.2	...	...	0.9	2.8	0.4	15.4	...	...	4.1	10.6	0.7
St. Mary	...	...	...	...	...	...	...	...	...	...	...	...
St. Tammany	13.8	1.1	12.1	...	0.5	0.2	55.5	...	53.2	...	2.3	...
Tangipahoa	25.8	7.2	14.5	...	1.8	2.3	119.7	31.0	73.1	...	6.1	9.5
Tensas	13.6	...	...	...	9.7	3.9	47.8	...	...	...	32.2	15.6
Terrebonne	2.0	...	...	1.2	0.8	...	7.8	...	...	4.6	3.3	...
Union	37.2	4.6	22.9	0.2	5.2	4.4	146.6	23.4	98.3	0.8	12.0	12.1
Vermilion	...	...	...	...	...	...	...	...	...	...	...	...
Vernon	54.1	9.9	36.0	...	2.5	5.7	201.2	14.9	155.5	...	7.0	23.9
Washington	19.7	4.0	13.3	...	1.0	1.5	80.8	5.3	70.3	...	1.8	3.5
Webster	22.0	...	15.6	...	1.6	4.8	89.4	...	74.5	...	3.1	11.9
West Baton Rouge	4.1	...	...	...	2.5	1.6	17.6	...	...	...	9.6	8.0
West Carroll	...	...	...	...	...	...	...	...	...	...	...	...
West Feliciana	8.4	...	5.2	...	2.3	0.9	35.9	...	22.6	...	8.8	4.4
Winn	44.4	3.9	29.5	...	3.1	7.9	183.3	2.9	149.9	...	6.5	24.0
All parishes	919.8	131.8	520.7	6.7	121.1	139.5	3777.1	432.6	2454.6	28.9	369.8	491.2

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 20—Average net annual growth and average annual removals of growing stock on timberland by species, Louisiana Parishes, 1991

Species	Growth	Removals
---- Million cubic feet----		
Yellow pines	503.1	652.5
Other softwoods	23.7	6.7
Total softwoods	526.8	659.2
Select white-red oaks	35.3	24.2
Other white-red oaks	98.6	86.3
Hickory	13.6	14.9
Hard maple	0.4	0.1
Sweetgum	59.1	63.2
Ash-walnut-black cherry	14.4	9.5
Yellow-poplar	3.7	1.6
Other hardwoods	83.1	60.8
Total hardwoods	308.3	260.6
All species	835.1	919.8

Table 21—Average net annual growth and average annual removals of sawtimber on timberland by species, Louisiana Parishes, 1991

Species	Growth	Removals
---- Million board feet----		
Yellow pines	2445.4	2887.2
Other softwoods	127.6	28.9
Total softwoods	2572.9	2916.1
Select white-red oaks	152.0	89.4
Other white-red oaks	407.7	303.8
Hickory	46.6	47.9
Hard maple	-0.2	0.5
Sweetgum	203.6	159.9
Ash-walnut-black cherry	49.9	32.9
Yellow-poplar	18.1	6.7
Other hardwoods	290.3	220.0
Total hardwoods	1167.9	861.0
All species	3740.8	3777.1

Table 22—Average annual mortality of growing stock and sawtimber on timberland by species, Louisiana Parishes, 1991

Species	Growing stock	Sawtimber
- - Million cubic feet - - Million board feet - -		
Yellow pines	74.7	284.7
Other softwoods	2.8	11.7
Total softwoods	77.5	296.5
Select white-red oaks	2.4	9.0
Other white-red oaks	19.2	69.5
Hickory	5.4	15.6
Sweetgum	12.3	26.9
Ash-walnut-black cherry	5.0	5.7
Yellow-poplar	0.4	0.7
Other hardwoods	35.2	92.0
Total hardwoods	79.9	219.4
All species	157.4	515.9

Table 23—Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, Louisiana Parishes, 1991

Ownership class	Growth						Removals					
	Softwood				Hardwood		Softwood				Hardwood	
	All species	Pine		Other	Soft ¹	Hard ²	All species	Pine		Other	Soft ¹	Hard ²
		Planted	Natural					Planted	Natural			
----- Million cubic feet -----												
National forest	24.1	5.6	12.8	...	2.2	3.5	27.0	1.9	21.3	...	1.8	1.9
Other public	32.6	1.1	8.9	2.1	6.4	14.2	14.6	...	9.3	...	3.7	1.7
Forest industry	280.0	97.4	108.0	4.3	30.6	39.6	346.3	66.1	196.6	0.3	29.8	53.4
Forest industry-leased	34.5	16.4	13.0	...	1.5	3.5	47.6	16.9	24.2	...	3.6	2.9
Other private	463.9	47.4	192.4	17.3	99.6	107.2	484.3	46.9	269.3	6.4	82.1	79.6
All ownerships	835.1	167.9	335.2	23.7	140.3	168.0	919.8	131.8	520.7	6.7	121.1	139.5

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, 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, Louisiana Parishes, 1991

Ownership class	Growth						Removals					
	Softwood				Hardwood		Softwood				Hardwood	
	All species	Pine			Soft ¹	Hard ²	All species	Pine			Soft ¹	Hard ²
		Planted	Natural	Other				Planted	Natural	Other		
-----Million board feet-----												
National forest	137.8	33.7	75.5	0.1	6.8	21.7	131.0	6.2	115.1	...	3.4	6.3
Other public	146.7	...	54.2	9.7	24.5	58.3	65.8	...	42.4	...	15.1	8.4
Forest industry	1057.3	307.9	480.0	23.4	88.2	157.7	1346.4	181.6	890.9	1.6	77.4	194.8
Forest industry-leased	165.3	67.6	72.9	...	6.6	18.2	192.9	64.2	106.3	...	9.9	12.4
Other private	2233.8	232.9	1120.6	94.4	370.6	415.3	2041.0	180.6	1299.8	27.3	264.0	269.3
All ownerships	3740.8	642.1	1803.2	127.6	496.6	671.3	3777.1	432.6	2454.6	28.9	369.8	491.2

¹Hardwood species with an average specific gravity of 0.50 or less such as gums, yellow-poplar, cottonwood, red maple, basswood, aspen, and willow.

²Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maple, hickories, and green and white ash.

Table 25—Volume of sawtimber on timberland by species and tree grade, Louisiana Parishes, 1991

Species	All grades	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5
-----Million board feet-----						
Yellow pines	38049.7	6820.7	6708.4	23892.1	...	628.5
Cypress	6630.2	1895.5	1795.0	2651.7	...	288.0
Redcedar	12.4	6.7	...	2.0	...	3.7
Total softwoods	44692.4	8722.9	8503.4	26545.9	...	920.2
Select white-red oaks	3082.0	578.7	732.2	1188.8	394.9	187.4
Other white-red oaks	9530.9	1119.1	1659.6	4013.8	2068.3	670.1
Hickory	2125.8	273.3	430.8	916.4	358.4	147.0
Hard maple	18.9	...	7.7	4.4	5.7	1.1
Sweetgum	5302.1	732.6	1311.6	2328.2	513.8	415.8
Tupelo and blackgum	2895.6	306.3	709.6	1427.2	205.9	246.5
Ash-walnut-black cherry	1350.7	272.4	344.3	560.8	46.9	126.3
Yellow-poplar	263.5	45.8	43.9	129.6	29.2	15.1
Other hardwoods	5994.0	612.3	792.7	2867.0	981.3	740.7
Total hardwoods	30563.4	3940.5	6032.5	13436.0	4604.4	2550.0
All species	75255.8	12663.3	14535.9	39981.9	4604.4	3470.2

Supplemental Tables 26–43

Table 26—Area of timberland by stand age, forest type group and stand origin, Louisiana Parishes, 1991

Stand age class	Pine		Oak-pine		Other hardwood types	
	Artificial	Natural	Artificial	Natural	Artificial	Natural
-----Thousand acres-----						
1-10	715.3	132.3	192.7	84.2	77.7	245.0
11-20	528.5	121.6	46.7	11.5	23.1	12.2
21-30	272.1	107.0	6.0	5.5	10.9	18.0
31-40	304.4	180.1	...	5.5	6.3	13.1
41-50	41.1	102.5	...	11.4	...	...
>50	19.8	51.3	...	5.8	...	5.6
Mixed	292.3	2145.9	65.9	1455.6	44.4	6406.4
Total	2173.6	2840.6	311.3	1579.7	162.4	6700.2

Table 27—*Volume of softwood growing stock on timberland by parish and forest type group, Louisiana Parishes, 1991*

Parish	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood
		Planted	Natural	Planted	Natural				
-----Million cubic feet-----									
Acadia	32.7	...	...	...	15.8	2.2	2.2	12.5	...
Allen	266.2	91.0	...	28.0	95.8	28.6	8.0	14.7	...
Ascension	62.9	...	...	...	24.3	...	...	38.6	...
Assumption	146.2	...	...	...	...	...	...	146.2	...
Avoyelles	64.4	...	...	...	21.8	...	...	42.6	...
Beauregard	469.1	272.1	37.9	46.3	63.0	33.0	6.6	10.3	...
Bienville	399.0	...	...	135.0	176.0	64.3	4.0	19.7	...
Bossier	375.9	...	...	38.9	266.8	47.1	15.2	7.9	...
Caddo	191.7	...	...	...	110.5	58.7	15.4	7.0	...
Calcasieu	128.6	53.6	19.0	...	15.4	28.3	6.5	5.7	...
Caldwell	93.2	...	...	20.4	21.6	31.3	13.3	6.5	...
Catahoula	71.9	...	...	15.4	37.6	14.5	...	4.4	...
Claiborne	420.1	...	13.0	79.7	219.3	90.0	12.6	5.5	...
Concordia	8.7	...	...	...	...	...	...	8.7	...
De Soto	371.4	...	...	26.9	222.9	76.3	18.9	26.3	...
East Baton Rouge	33.8	...	...	...	11.4	...	1.7	18.3	2.4
East Carroll	1.2	...	...	...	...	...	...	1.2	...
East Feliciana	116.4	...	...	10.7	43.0	35.7	27.0	...	...
Evangeline	237.8	40.0	...	1.2	123.3	57.1	13.0	3.2	...
Franklin	35.4	...	...	29.7	...	...	...	5.7	...
Grant	348.3	...	34.0	50.6	158.9	51.3	18.6	34.8	...
Iberia	72.8	...	...	...	...	...	8.2	63.3	1.3
Iberville	88.9	...	...	...	...	...	...	83.1	5.9
Jackson	252.9	11.1	...	65.4	128.6	35.0	10.1	2.8	...
Jefferson Davis	53.1	...	...	...	29.2	21.0	0.8	2.1	...
Lafayette	0.9	...	...	...	...	...	...	0.9	...
Lafourche	102.8	...	...	...	...	...	...	102.8	...
La Salle	189.4	...	...	56.6	86.7	12.6	11.8	21.7	...
Lincoln	240.1	...	...	35.8	147.1	51.3	5.9	...	...
Livingston	309.7	...	...	76.6	137.5	38.7	11.4	45.6	...
Madison	...	...	...	...	...	...	...	...	...
Morehouse	148.3	...	...	18.3	101.8	21.2	4.8	2.2	...
Natchitoches	410.2	21.9	35.9	27.5	216.2	73.4	24.9	10.5	...
Ouachita	190.5	...	...	37.5	56.2	47.8	13.9	35.1	...
Pointe Coupee	9.1	...	...	...	...	...	...	8.9	0.2
Rapides	451.3	29.6	66.8	40.6	195.4	62.5	31.8	24.7	...
Red River	73.2	7.6	...	...	25.9	22.7	10.0	7.0	...
Richland	1.8	...	...	...	...	...	...	1.8	...
Sabine	371.3	...	10.6	67.1	205.0	56.5	30.1	2.0	...
St. Charles	20.2	...	...	...	...	...	...	20.2	...
St. Helena	215.9	...	8.7	20.8	136.4	39.2	10.7	...	...
St. James	80.2	...	...	...	...	...	...	80.2	...
St. John the Baptist	69.7	...	...	...	...	...	...	69.7	...
St. Landry	52.8	...	...	...	...	10.9	...	41.9	...
St. Martin	180.1	...	...	...	...	...	...	160.6	19.5
St. Mary	78.0	...	...	...	...	...	...	78.0	...
St. Tammany	266.0	26.7	61.4	1.0	123.2	9.0	3.6	41.1	...
Tangipahoa	174.5	2.3	9.8	10.3	89.5	24.1	4.1	34.4	...
Tensas	...	...	...	...	...	...	...	...	...
Terrebonne	89.6	...	...	...	...	...	...	89.6	...
Union	395.7	...	...	135.9	157.2	64.5	18.4	19.8	...
Vermilion	3.1	...	...	...	...	...	...	3.1	...
Vernon	546.0	143.1	41.1	70.2	188.0	69.1	17.3	17.3	...
Washington	139.6	...	6.0	36.0	50.3	13.8	20.4	13.1	...
Webster	239.4	...	...	25.4	155.4	32.7	13.0	13.0	...
West Baton Rouge	0.8	...	...	...	...	...	...	0.8	...
West Carroll	...	...	...	...	...	...	...	...	...
West Feliciana	59.6	...	...	...	...	11.9	10.0	37.8	...
Winn	443.7	...	16.8	137.7	181.3	64.3	14.4	29.2	...
All parishes	9896.1	699.0	361.0	1345.4	4038.5	1400.7	438.8	1583.6	29.3

Table 28—*Volume of hardwood growing stock on timberland by parish and forest type group, Louisiana Parishes, 1991*

Parish	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood
		Planted	Natural	Planted	Natural				
-----Million cubic feet-----									
Acadia	73.3	...	...	...	2.2	4.6	14.5	51.7	0.2
Allen	140.1	1.0	...	0.6	8.2	15.4	41.6	73.3	...
Ascension	106.0	...	...	...	2.3	...	...	103.7	...
Assumption	162.9	...	...	...	...	...	...	147.0	15.9
Avoyelles	203.3	...	...	...	6.1	...	...	190.9	6.3
Beauregard	134.8	2.2	...	3.6	5.3	14.7	14.5	94.5	...
Bienville	194.5	...	...	3.9	20.2	65.2	30.1	75.2	...
Bossier	207.9	...	...	2.5	55.7	37.1	51.5	56.4	4.7
Caddo	188.5	...	...	...	19.5	43.8	60.7	64.5	...
Calcasieu	50.7	1.3	...	...	1.6	9.4	24.3	14.1	...
Caldwell	175.0	...	...	2.7	5.5	17.9	76.6	72.2	...
Catahoula	118.5	...	...	1.8	9.5	26.4	5.4	75.4	...
Claiborne	188.0	...	...	5.4	33.0	41.3	36.1	72.2	...
Concordia	261.2	...	...	...	...	...	...	210.4	50.8
De Soto	172.4	...	...	...	18.9	42.5	31.0	80.0	...
East Baton Rouge	142.6	...	...	...	3.0	...	8.8	127.2	3.6
East Carroll	47.3	...	...	...	...	...	...	22.9	24.4
East Feliciana	101.6	...	...	0.3	4.0	23.6	57.4	16.3	...
Evangeline	111.3	1.1	...	1.0	10.7	20.7	34.3	43.5	...
Franklin	90.7	...	...	11.4	...	...	...	78.8	0.4
Grant	208.1	...	1.3	5.7	32.0	35.1	59.9	74.0	...
Iberia	83.6	...	...	...	...	...	12.5	53.1	17.9
Iberville	326.0	...	...	...	...	...	...	275.7	50.3
Jackson	108.7	2.4	...	4.7	17.0	32.7	21.1	30.7	...
Jefferson Davis	31.1	...	...	...	6.9	18.3	...	6.0	...
Lafayette	19.2	...	...	...	...	...	...	19.2	...
Lafourche	109.9	...	...	...	...	...	...	109.9	...
La Salle	178.2	...	...	2.6	11.6	10.6	40.7	112.8	...
Lincoln	117.0	...	...	4.2	16.7	30.6	31.1	34.5	...
Livingston	235.4	...	...	5.1	23.6	32.1	47.3	127.3	...
Madison	170.5	...	...	...	...	...	...	164.1	6.4
Morehouse	120.4	...	...	2.2	17.5	3.7	9.4	87.6	...
Natchitoches	267.0	0.5	0.9	1.7	30.5	43.2	80.9	97.3	12.0
Ouachita	172.6	...	...	1.6	12.1	35.2	32.9	90.8	...
Pointe Coupee	225.8	...	...	...	...	...	...	205.4	20.3
Rapides	322.4	1.0	1.4	0.9	33.6	35.2	81.5	168.8	...
Red River	98.3	0.6	...	...	2.6	18.5	24.9	38.8	13.0
Richland	59.5	...	...	...	...	...	...	59.5	...
Sabine	196.7	...	1.9	8.9	27.7	40.9	84.3	33.1	...
St. Charles	53.0	...	...	...	...	...	...	43.9	9.0
St. Helena	77.6	...	...	0.8	23.0	30.4	23.4	...	...
St. James	105.4	...	...	...	...	...	...	105.4	...
St. John the Baptist	71.4	...	...	...	...	...	...	71.4	...
St. Landry	205.6	...	...	...	...	2.4	...	203.2	...
St. Martin	368.1	...	...	...	...	...	15.1	195.7	157.2
St. Mary	124.9	...	...	...	...	...	...	113.9	11.0
St. Tammany	224.1	0.3	2.6	...	18.6	3.9	20.5	178.2	...
Tangipahoa	127.5	...	0.8	1.0	13.5	24.7	40.1	47.5	...
Tensas	190.6	...	...	...	...	...	...	151.7	38.9
Terrebonne	71.2	...	...	...	...	...	...	71.2	...
Union	236.5	...	...	4.3	15.1	53.7	44.8	118.7	...
Vermilion	59.0	...	...	...	...	...	...	59.0	...
Vernon	221.0	1.5	0.5	3.6	23.0	48.0	60.3	84.0	...
Washington	148.3	...	1.1	0.3	14.1	8.7	67.6	56.6	...
Webster	173.9	...	...	2.9	39.2	27.1	65.6	39.0	...
West Baton Rouge	70.9	...	...	...	...	...	...	70.9	...
West Carroll	20.1	...	...	...	...	...	...	20.1	...
West Feliciana	223.8	...	...	...	...	14.5	108.0	85.8	15.5
Winn	225.3	...	2.0	8.6	28.6	61.9	45.7	78.4	...
All parishes	8919.6	11.9	12.4	92.5	612.7	973.8	1504.4	5253.8	458.1

Table 29 — Volume of softwood growing stock in the sawlog portion of sawtimber trees on timberland by forest type, Louisiana Parishes, 1991

Parish	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak hickory	Oak-gum- cypress	Elm-ash- cottonwood
		Planted	Natural	Planted	Natural				
-----Million cubic feet-----									
Acadia	27.1	...	...	...	12.7	1.7	1.8	10.9	...
Allen	205.2	70.1	...	16.1	75.7	23.3	7.3	12.8	...
Ascension	52.5	...	...	...	20.7	...	...	31.8	...
Assumption	120.3	...	...	...	...	...	...	120.3	...
Avoyelles	58.3	...	...	...	20.9	...	...	37.4	...
Beauregard	328.1	197.1	23.3	27.8	39.3	26.7	4.9	9.0	...
Bienville	276.2	...	...	70.1	140.5	48.4	2.4	14.6	...
Bossier	296.5	...	...	29.1	212.7	35.5	12.0	7.1	...
Caddo	141.8	...	...	...	80.6	42.6	12.1	6.4	...
Calcasieu	81.3	25.9	11.8	...	11.5	21.6	5.5	4.9	...
Caldwell	57.7	...	...	4.1	14.2	21.6	11.8	5.9	...
Catahoula	40.4	...	...	3.4	25.3	8.0	...	3.6	...
Claiborne	315.8	...	12.2	57.3	163.5	68.5	9.3	5.0	...
Concordia	7.6	...	...	...	...	...	...	7.6	...
De Soto	288.5	...	...	9.2	183.9	57.4	15.6	22.4	...
East Baton Rouge	26.8	...	...	...	7.7	...	0.9	16.2	1.9
East Carroll	1.1	...	...	...	...	...	...	1.1	...
East Feliciana	84.6	...	...	3.0	28.6	30.7	22.2	...	...
Evangeline	199.0	31.8	...	0.6	105.3	48.7	10.8	1.8	...
Franklin	27.7	...	...	23.0	...	...	...	4.7	...
Grant	258.2	...	25.8	31.0	125.5	41.4	15.8	18.7	...
Iberia	59.6	...	...	...	...	...	6.6	52.2	0.8
Iberville	76.7	...	...	...	...	...	...	72.1	4.6
Jackson	177.5	9.3	...	23.5	105.2	27.4	9.4	2.7	...
Jefferson Davis	47.4	...	...	...	26.0	18.6	0.8	2.0	...
Lafayette	0.8	...	...	...	...	...	...	0.8	...
Lafourche	91.2	...	...	...	...	...	...	91.2	...
La Salle	132.0	...	...	45.1	50.3	9.2	9.2	18.2	...
Lincoln	171.0	...	...	28.7	97.3	42.4	2.5	...	...
Livingston	210.4	...	...	53.6	80.7	34.1	9.3	32.8	...
Madison	...	...	...	...	...	...	...	...	...
Morehouse	122.0	...	...	15.4	82.9	17.7	4.0	1.9	...
Natchitoches	312.4	20.6	27.2	8.2	169.9	58.1	20.2	8.2	...
Ouachita	125.6	...	...	11.9	38.7	32.2	12.9	29.9	...
Pointe Coupee	7.3	...	...	...	...	...	...	7.1	0.2
Rapides	334.1	18.9	48.3	22.7	144.4	54.4	27.6	17.8	...
Red River	57.1	6.2	...	...	17.6	19.5	7.5	6.3	...
Richland	1.7	...	...	...	...	...	...	1.7	...
Sabine	251.3	...	7.7	18.7	154.8	41.9	26.6	1.6	...
St. Charles	18.4	...	...	...	...	...	...	18.4	...
St. Helena	168.5	...	5.6	4.5	116.4	34.0	8.1	...	...
St. James	70.1	...	...	...	...	...	...	70.1	...
St. John the Baptist	61.1	...	...	...	...	...	...	61.1	...
St. Landry	45.1	...	...	...	...	8.6	...	36.5	...
St. Martin	146.9	...	...	...	...	...	...	132.5	14.4
St. Mary	66.7	...	...	...	...	...	...	66.7	...
St. Tammany	203.4	10.9	47.9	...	98.4	7.5	3.3	35.5	...
Tangipahoa	132.9	2.1	7.2	3.7	79.2	19.5	2.4	18.7	...
Tensas	...	...	...	...	...	...	...	...	...
Terrebonne	65.5	...	...	...	...	...	...	65.5	...
Union	293.1	...	...	92.8	124.7	47.0	11.9	16.7	...
Vermilion	3.1	...	...	...	...	...	...	3.1	...
Vernon	376.3	80.9	32.2	50.5	134.6	49.1	13.1	15.9	...
Washington	91.2	...	4.0	8.2	41.0	11.6	14.6	11.8	...
Webster	183.9	...	...	7.1	130.6	27.0	10.9	8.3	...
West Baton Rouge	0.7	...	...	...	...	...	...	0.7	...
West Carroll	...	...	...	...	...	...	...	...	...
West Feliciana	53.0	...	...	...	...	11.4	8.5	33.0	...
Winn	306.3	...	15.1	71.4	132.0	52.0	11.6	24.2	...
All parishes	7358.8	473.7	268.2	740.9	3093.7	1099.5	353.5	1307.5	21.9

Table 30—Volume of hardwood growing stock in the sawlog portion of sawtimber trees on timberland by forest type, Louisiana Parishes, 1991

Parish	Total	Forest type group							
		Longleaf-slash pine		Loblolly-shortleaf pine		Oak- pine	Oak- hickory	Oak-gum- cypress	Elm-ash- cottonwood
		Planted	Natural	Planted	Natural				
-----Million cubic feet-----									
Acadia	47.0	...	...	...	1.6	2.6	7.5	35.4	...
Allen	88.5	...	...	...	4.2	9.8	23.3	51.2	...
Ascension	58.4	...	...	...	...	...	...	58.4	...
Assumption	79.5	...	...	...	...	...	...	70.0	9.5
Avoyelles	134.1	...	...	...	4.3	...	...	126.3	3.5
Beauregard	82.6	...	...	0.6	2.1	8.1	7.0	64.8	...
Bienville	102.2	...	...	0.3	7.7	35.7	13.3	45.2	...
Bossier	113.0	...	...	0.9	25.3	20.8	27.3	36.1	2.6
Caddo	108.4	...	...	...	5.5	25.5	35.8	41.7	...
Calcasieu	31.3	1.0	...	...	1.0	4.3	16.4	8.6	...
Caldwell	117.5	...	...	1.6	1.9	6.9	56.0	51.1	...
Catahoula	73.6	...	...	0.5	4.8	14.0	2.8	51.5	...
Claiborne	84.0	...	...	1.3	7.8	14.2	15.6	45.0	...
Concordia	185.2	...	...	...	...	...	...	144.3	40.9
De Soto	87.5	...	...	...	7.0	19.8	12.1	48.6	...
East Baton Rouge	91.2	...	...	...	1.1	...	4.1	83.2	2.8
East Carroll	29.8	...	...	...	...	...	...	17.5	12.2
East Feliciana	64.3	...	...	...	1.8	15.4	36.5	10.6	...
Evangeline	70.6	0.6	...	0.9	5.8	10.5	22.6	30.2	...
Franklin	61.7	...	...	3.9	...	...	...	57.8	...
Grant	128.7	...	0.5	3.4	15.7	20.3	37.7	51.0	...
Iberia	49.0	...	...	...	...	...	7.9	28.8	12.3
Iberville	206.8	...	...	...	...	...	...	173.5	33.3
Jackson	61.4	0.5	...	2.1	8.6	14.2	12.8	23.2	...
Jefferson Davis	20.3	...	...	...	3.9	12.5	...	4.0	...
Lafayette	10.7	...	...	...	...	...	...	10.7	...
Lafourche	68.6	...	...	...	...	...	...	68.6	...
La Salle	115.5	...	...	1.0	2.9	6.5	27.6	77.5	...
Lincoln	58.5	...	...	2.0	4.3	14.2	10.5	27.6	...
Livingston	134.2	...	...	2.0	12.3	22.6	31.2	66.1	...
Madison	104.8	...	...	...	...	...	...	100.0	4.8
Morehouse	61.3	...	...	...	8.0	1.6	3.8	48.0	...
Natchitoches	144.0	...	0.4	0.8	14.6	19.7	44.0	57.4	7.2
Ouachita	92.9	...	...	...	3.6	21.4	19.3	48.7	...
Pointe Coupee	147.3	...	...	...	...	...	...	133.6	13.7
Rapides	189.5	0.3	...	0.5	16.6	22.3	49.9	99.9	...
Red River	54.6	...	...	...	1.1	9.6	13.9	21.2	8.7
Richland	34.8	...	...	...	...	...	...	34.8	...
Sabine	116.3	...	1.2	4.8	11.6	23.7	52.4	22.6	...
St. Charles	25.7	...	...	...	...	...	...	21.8	3.9
St. Helena	38.9	...	...	...	12.4	15.3	11.2	...	...
St. James	56.9	...	...	...	...	...	...	56.9	...
St. John the Baptist	31.2	...	...	...	...	...	...	31.2	...
St. Landry	140.7	...	...	...	...	0.9	...	139.7	...
St. Martin	225.0	...	...	...	...	...	7.1	111.7	106.2
St. Mary	62.0	...	...	...	...	...	...	56.1	5.8
St. Tammany	134.2	...	0.9	...	9.6	2.2	9.3	112.2	...
Tangipahoa	71.1	...	0.3	...	7.3	16.3	27.1	20.1	...
Tensas	128.1	...	...	...	...	...	...	105.0	23.1
Terrebonne	44.3	...	...	...	...	...	...	44.3	...
Union	122.0	...	...	1.9	3.2	22.0	18.8	76.2	...
Vermilion	38.4	...	...	...	...	...	...	38.4	...
Vernon	111.6	0.4	...	1.4	10.8	21.7	28.7	48.6	...
Washington	79.0	...	0.9	...	6.8	3.9	35.5	31.9	...
Webster	77.7	...	...	1.0	16.8	9.2	32.9	17.7	...
West Baton Rouge	47.0	...	...	...	...	...	...	47.0	...
West Carroll	4.8	...	...	...	...	...	...	4.8	...
West Feliciana	152.1	...	...	...	...	8.2	72.2	61.0	10.7
Winn	126.5	...	0.2	4.8	14.3	33.4	22.1	51.8	...
All parishes	5227.2	2.8	4.4	35.6	266.4	509.5	855.8	3251.3	301.3

Table 31 — *Volume of timber on timberland by parish, class of timber and species group, Louisiana Parishes, 1991*

Parish	All classes	Growing stock		Rough		Rotten	
		Softwood	Hardwood	Softwood	Hardwood	Softwood	Hardwood
----- Million cubic feet -----							
Acadia	129.2	32.7	73.3	1.8	21.0	...	0.4
Allen	426.5	266.2	140.1	1.4	16.2	0.2	2.4
Ascension	200.1	62.9	106.0	1.4	24.3	...	5.5
Assumption	346.7	146.2	162.9	2.1	21.3	9.7	4.5
Avoyelles	301.1	64.4	203.3	1.8	27.0	...	4.5
Beauregard	662.7	469.1	134.8	2.5	39.9	0.6	15.8
Bienville	623.9	399.0	194.5	5.7	17.4	...	7.4
Bossier	618.4	375.9	207.9	3.5	24.2	0.4	6.6
Caddo	417.7	191.7	188.5	2.7	26.3	...	8.5
Calcasieu	207.9	128.6	50.7	3.2	20.2	0.6	4.5
Caldwell	298.6	93.2	175.0	1.5	24.0	0.4	4.5
Catahoula	208.1	71.9	118.5	1.9	14.5	...	1.4
Claiborne	650.8	420.1	188.0	5.6	30.9	...	6.2
Concordia	291.5	8.7	261.2	0.3	13.6	1.8	6.0
De Soto	584.7	371.4	172.4	4.4	28.9	...	7.5
East Baton Rouge	213.3	33.8	142.6	...	30.4	...	6.6
East Carroll	53.3	1.2	47.3	...	4.9	...	...
East Feliciana	260.4	116.4	101.6	2.0	34.1	...	6.3
Evangeline	372.2	237.8	111.3	1.1	18.3	...	3.7
Franklin	132.0	35.4	90.7	0.7	4.4	...	0.8
Grant	600.6	348.3	208.1	7.9	26.9	0.2	9.1
Iberia	202.9	72.8	83.6	12.1	29.0	1.8	3.6
Iberville	518.3	88.9	326.0	6.1	89.2	4.2	3.9
Jackson	391.8	252.9	108.7	7.6	18.0	...	4.6
Jefferson Davis	89.3	53.1	31.1	...	3.8	...	1.3
Lafayette	25.9	0.9	19.2	...	2.4	...	3.4
Lafourche	250.4	102.8	109.9	3.8	28.2	0.5	5.2
La Salle	393.1	189.4	178.2	1.5	23.0	...	1.1
Lincoln	378.0	240.1	117.0	4.8	13.0	0.4	2.8
Livingston	583.0	309.7	235.4	3.7	30.5	...	3.6
Madison	199.6	...	170.5	...	21.9	...	7.2
Morehouse	287.5	148.3	120.4	0.5	17.9	...	0.3
Natchitoches	726.6	410.2	267.0	3.7	40.4	0.3	5.0
Ouachita	399.5	190.5	172.6	1.8	19.5	...	15.1
Pointe Coupee	273.4	9.1	225.8	0.2	28.4	0.4	9.6
Rapides	826.0	451.3	322.4	6.0	40.9	0.2	5.1
Red River	195.7	73.2	98.3	2.0	16.4	...	5.8
Richland	68.0	1.8	59.5	...	6.8	...	...
Sabine	601.8	371.3	196.7	9.0	23.5	...	1.3
St. Charles	81.2	20.2	53.0	...	6.8	...	1.3
St. Helena	306.1	215.9	77.6	0.8	8.9	0.8	2.2
St. James	226.9	80.2	105.4	3.2	34.0	0.2	3.9
St. John the Baptist	155.6	69.7	71.4	2.7	11.0	0.5	0.2
St. Landry	300.3	52.8	205.6	0.2	36.1	0.1	5.5
St. Martin	668.7	180.1	368.1	4.8	103.5	5.3	6.9
St. Mary	224.0	78.0	124.9	0.3	13.1	3.6	4.0
St. Tammany	534.1	266.0	224.1	3.1	34.6	0.5	5.7
Tangipahoa	344.7	174.5	127.5	3.6	36.2	...	3.0
Tensas	208.8	...	190.6	...	17.1	...	1.2
Terrebonne	178.6	89.6	71.2	3.3	10.0	0.9	3.6
Union	673.1	395.7	236.5	1.2	34.9	...	4.8
Vermilion	64.0	3.1	59.0	...	2.0	...	...
Vernon	821.6	546.0	221.0	6.1	41.1	0.3	7.1
Washington	315.3	139.6	148.3	0.2	24.9	...	2.3
Webster	444.7	239.4	173.9	5.1	24.5	...	1.8
West Baton Rouge	84.2	0.8	70.9	...	9.5	...	3.0
West Carroll	27.1	...	20.1	...	6.9	...	...
West Feliciana	327.8	59.6	223.8	6.8	32.2	1.0	4.5
Winn	712.7	443.7	225.3	4.3	32.9	0.4	6.1
All parishes	20710.2	9896.1	8919.6	159.9	1441.3	35.1	258.2

Table 32—Number of live trees on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)											
		1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
-----Thousand trees-----													
Longleaf pine	51703	17205	9998	4242	5140	5681	4098	2239	1659	763	441	238	...
Slash pine	151796	42682	39124	22496	17410	14683	9713	3754	1322	476	101	35	...
Shortleaf pine	93443	23808	16911	13334	12449	10115	8235	4634	2360	1045	304	248	...
Loblolly pine	1795872	859134	424348	207117	122733	65551	43625	29889	19300	11666	6115	6065	329
Spruce pine	5879	1642	1109	544	433	576	442	328	282	207	141	166	9
Redcedar	12681	9519	2067	596	154	209	93	25	...	12	...	...	5
Cypress	131406	24952	23183	18277	16354	12040	10038	8442	7010	4879	2579	3115	537
Total softwoods	2242780	978941	516740	266607	174674	108856	76243	49312	31932	19048	9680	9867	880
Select white oaks	145169	84519	28293	11420	5864	4867	3476	2138	1518	1147	631	1098	197
Select red oaks	59423	32200	9006	4407	3511	2929	1826	1295	1345	823	776	1096	210
Other white oaks	152287	81815	26458	14571	9095	6414	4249	2979	1983	1608	979	1824	311
Other red oaks	696934	477915	87533	35067	26271	19740	14369	11357	7504	5410	3639	6509	1620
Sweet pecan	9208	3302	1084	1333	1145	587	455	307	278	209	164	255	87
Water hickory	72126	36576	13463	6982	4168	3687	2207	1603	1330	794	578	633	106
Other hickories	107157	75462	13380	5833	3968	3256	1532	1598	869	527	356	345	32
Persimmon	52517	41455	6884	2499	1127	463	54	21	16	...	...	...	...
Hard maple	16007	13622	1084	753	304	57	111	19	34	...	...	23	...
Soft maple	590276	441115	92001	29850	14376	5559	3097	1873	1240	503	327	299	36
Boxelder	53241	33156	8127	4138	3841	2026	1139	346	247	183	39	...	...
Beech	28678	17930	2534	953	404	1279	858	825	1075	797	460	1348	213
Sweetgum	1076954	712353	189796	76663	36588	24909	13974	9410	5566	3364	2021	2133	178
Blackgum	321339	228617	44367	22411	11879	5838	3058	2296	1364	838	278	370	23
Other gums/tupelos	142473	27601	30604	18114	17573	17925	13244	8397	4339	2397	847	1287	146
White ash	31790	26133	2810	1137	787	115	236	173	205	82	52	50	9
Other ashes	223748	142375	35326	17027	10022	6291	4007	2781	2127	1311	988	1324	169
Sycamore	15897	8197	590	2622	1391	931	808	659	225	154	136	163	20
Cottonwood	7376	...	2045	1121	715	747	747	544	356	408	263	339	91
Basswood	3590	2075	506	582	179	...	169	32	...	13	20	6	8
Yellow-poplar	7672	2966	1721	702	444	434	350	275	316	117	131	180	35
Magnolia	15803	11720	2286	262	195	132	207	318	256	113	75	166	72
Sweetbay	85550	68128	8156	3689	1863	1647	774	664	330	94	79	118	6
Willow	68389	28492	12694	7009	4794	3043	3989	2180	2158	1308	928	1561	232
Black walnut	318	...	...	114	139	...	...	23	36	...	...	7	...
Black cherry	49388	38737	6997	1809	964	367	208	127	138	41	...	...	...
American elm	80422	45735	16192	6938	4227	1969	2110	1017	886	545	324	388	91
Other elms	287878	223150	41620	10855	4968	3513	1563	908	448	404	182	231	38
River birch	1661	589	...	427	281	87	150	61	18	24	...	25	...
Hackberry	155555	85937	32721	10309	9067	5365	4147	2798	2028	1441	842	840	59
Black locust	3934	2190	1158	387	154	...	...	20	...	...	12	10	4
Other locusts	14659	3769	3348	2268	1945	1230	800	550	480	90	75	81	23
Sassafras	36472	31306	3144	1067	435	229	210	38	17	11	9	7	...
Dogwood	192756	152130	33295	6370	819	79	64	...	...	...	...	...	...
Holly	62653	47236	9993	3588	1039	476	173	106	19	15	...	8	...
Other commercial	36322	27212	5663	2054	725	384	117	97	35	26	9	...	...
Total hardwoods	4905624	3255716	774880	315328	185267	126575	84477	57837	38785	24801	15220	22723	4017
Noncommercial	768035	577252	120445	44921	16125	5511	2184	841	275	170	80	181	51
All species	7916439	4811909	1412064	626855	376066	240942	162905	107990	70992	44019	24980	32771	4948

Table 33—Number of growing-stock trees on timberland by detailed species and diameter class, Louisiana Parishes, 1991

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 & larger
<i>-----Thousand trees-----</i>											
Longleaf pine	24292	4242	5099	5609	4062	2220	1659	750	430	220	...
Slash pine	68338	21439	17017	14543	9677	3729	1322	476	101	35	...
Shortleaf pine	51342	12279	12234	10042	8214	4634	2360	1034	304	241	...
Loblolly pine	493494	194415	119657	63619	43269	29614	19128	11539	6055	5873	326
Spruce pine	2898	429	377	576	383	328	282	207	141	166	9
Redcedar	956	596	90	167	67	25	...	12	...	...	...
Cypress	73609	14789	15299	8812	9183	8055	6847	4814	2498	3005	306
Total softwoods	714929	248190	169772	103368	74855	48605	31597	18832	9529	9541	641
Select white oaks	28387	9714	5321	4598	2959	1835	1400	1030	538	881	110
Select red oaks	16415	3590	3222	2807	1625	1165	1260	788	732	1037	189
Other white oaks	33975	10215	7629	5230	3265	2484	1617	1250	767	1314	205
Other red oaks	111550	28685	23467	17411	11586	9723	6468	4791	3148	5254	1017
Sweet pecan	3634	647	937	553	340	263	278	195	146	205	70
Water hickory	17057	4649	3206	3149	1722	1317	1192	702	472	556	92
Other hickories	15726	4594	3561	3064	1178	1413	773	514	299	315	15
Persimmon	3091	1808	787	420	54	21	...	...	...	...	...
Hard maple	963	532	304	...	61	19	34	...	...	14	...
Soft maple	37324	19755	9465	4132	1638	1044	615	240	237	187	12
Boxelder	7458	2597	2406	1285	674	202	196	88	10	...	...
Beech	5057	716	260	914	483	490	635	468	278	739	74
Sweetgum	148434	62005	32120	22471	11399	8486	5011	3114	1784	1908	137
Blackgum	36973	15928	9926	4698	2318	1947	1144	598	227	182	5
Other gums/tupelos	64324	13987	14441	15138	6994	6367	3823	1941	720	844	71
White ash	2367	842	730	115	236	154	138	82	30	31	9
Other ashes	32711	11075	7799	4807	2451	1927	1624	1113	818	1004	93
Sycamore	6344	2132	1391	824	759	618	174	154	136	156	2
Cottonwood	5014	1121	627	672	690	508	338	396	263	326	73
Basswood	564	267	109	...	124	32	...	13	10	...	8
Yellow-poplar	2785	618	444	434	261	275	316	117	131	166	22
Magnolia	1348	262	195	90	165	255	174	57	38	101	12
Sweetbay	6918	2957	1369	1210	491	494	201	81	42	73	...
Willow	18944	4600	3594	2341	2586	1487	1593	804	679	1139	120
Black walnut	227	114	72	...	...	23	18	...	...	...	...
Black cherry	2416	1056	696	289	145	80	108	41	...	...	...
American elm	14000	4990	3507	1533	1480	808	618	443	278	306	37
Other elms	17049	7336	4018	2887	1231	668	334	282	101	189	4
River birch	989	427	281	87	121	38	18	...	...	17	...
Hackberry	25738	6521	7076	4209	2510	1805	1326	1092	596	551	51
Black locust	273	178	85	...	...	...	...	...	...	10	...
Other locusts	4353	1402	875	836	433	340	282	55	66	55	10
Sassafras	1145	617	315	85	84	...	17	11	9	7	...
Dogwood	2212	2058	123	31	...	...	...	...	...	...	...
Holly	3705	2661	705	257	28	21	19	15	...	...	...
Other commercial	1746	1176	298	129	85	48	...	...	9	...	...
Total hardwoods	681216	231832	151359	106705	60175	46359	31743	20475	12567	17564	2437
All species	1396145	480022	321131	210073	135030	94964	63340	39306	22096	27105	3077

Table 34—Volume of growing stock on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)									
		5.0- 6.9	7.0- 8.9	9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
<i>----- Million cubic feet -----</i>											
Longleaf pine	411.6	11.4	35.0	74.4	81.7	62.4	64.5	36.1	29.3	16.7	...
Slash pine	774.7	49.2	113.4	193.3	205.1	118.3	57.4	26.6	7.6	3.8	...
Shortleaf pine	840.6	37.7	89.9	148.5	191.9	156.4	107.7	62.9	21.3	24.3	...
Loblolly pine	6272.8	460.2	701.5	787.2	888.2	905.0	801.1	640.6	427.4	602.7	58.9
Spruce pine	92.0	1.0	2.6	8.1	9.2	11.6	13.7	13.6	12.0	18.4	1.8
Redcedar	4.6	1.3	0.3	1.4	0.9	0.4	...	0.2	...	...	...
Cypress	1499.9	33.5	86.1	103.4	162.8	213.8	252.0	227.9	142.6	236.0	41.8
Total softwoods	9896.1	594.3	1028.9	1316.3	1539.8	1468.0	1296.3	1007.9	640.2	901.9	102.5
Select white oaks	411.3	25.0	32.7	49.6	54.7	48.1	47.3	46.3	29.7	62.9	15.0
Select red oaks	365.3	8.7	20.4	32.3	30.4	32.8	46.7	38.0	41.4	86.7	27.8
Other white oaks	451.2	24.6	40.4	49.6	48.9	53.0	44.9	43.9	36.6	84.5	24.9
Other red oaks	1984.5	78.3	141.9	192.9	203.8	247.6	212.6	206.4	168.4	395.0	137.8
Sweet pecan	83.9	1.3	5.6	6.6	5.9	6.4	9.8	9.0	8.7	18.4	12.1
Water hickory	266.5	12.3	17.1	32.0	27.6	30.7	36.8	29.2	25.2	39.5	16.1
Other hickories	213.4	9.6	19.9	31.8	22.3	35.9	25.7	23.2	16.9	25.3	2.9
Persimmon	13.2	4.2	4.1	3.7	0.9	0.4	...	...	...	...	...
Hard maple	7.0	2.1	1.4	...	1.0	0.4	1.2	...	...	0.8	...
Soft maple	243.9	52.3	55.0	40.3	25.6	22.1	16.8	8.3	11.4	10.9	1.3
Boxelder	59.9	7.4	14.0	13.9	11.4	4.3	5.4	3.0	0.4	...	...
Beech	148.9	1.8	1.5	9.2	7.9	11.0	20.5	19.2	15.5	53.6	8.8
Sweetgum	1665.8	141.3	188.4	252.5	221.1	237.6	191.7	151.3	105.8	159.8	16.3
Blackgum	305.1	35.9	51.2	46.9	40.2	45.9	36.7	25.6	11.2	11.1	0.4
Other gums/tupelos	785.4	33.0	78.1	153.3	112.2	142.4	108.3	73.8	31.2	46.1	7.0
White ash	29.2	2.6	5.2	1.3	4.2	3.4	4.8	3.8	1.7	1.8	0.6
Other ashes	397.5	28.3	47.2	49.9	39.3	43.8	47.9	39.7	36.7	57.4	7.4
Sycamore	99.2	6.4	10.7	11.5	16.0	18.0	7.1	7.8	8.6	12.2	0.8
Cottonwood	131.6	2.5	2.5	7.8	13.7	14.3	12.6	19.5	16.7	30.4	11.5
Basswood	5.9	0.8	0.6	...	2.0	0.9	...	0.6	0.3	...	0.7
Yellow-poplar	61.9	1.7	2.3	5.1	5.0	6.5	10.2	5.9	8.1	13.9	3.3
Magnolia	28.3	0.5	1.2	0.9	2.8	5.3	5.6	2.2	2.3	6.6	1.0
Sweetbay	64.2	8.7	7.9	13.3	8.7	11.2	5.9	3.0	1.6	4.1	...
Willow	347.6	12.5	19.6	23.0	42.6	36.2	50.4	32.7	32.8	84.7	13.1
Black walnut	1.9	0.3	0.3	...	...	0.6	0.6	...	...	...	...
Black cherry	19.6	2.7	3.8	3.1	2.6	2.0	4.1	1.4	...	...	...
American elm	157.5	11.8	19.0	14.4	24.2	17.1	17.4	17.6	13.2	18.8	3.9
Other elms	152.5	17.0	24.1	29.8	20.9	16.2	11.3	12.3	5.0	15.0	0.9
River birch	7.5	1.2	1.5	0.8	1.6	0.9	0.7	...	...	0.9	...
Hackberry	326.6	17.2	40.0	44.2	40.1	40.9	37.7	41.1	26.7	34.1	4.6
Black locust	1.7	0.9	0.5	...	...	...	...	...	...	0.3	...
Other locusts	49.0	3.8	5.0	7.4	7.1	6.4	8.8	1.6	3.7	4.4	0.8
Sassafras	6.7	1.1	2.2	0.5	1.0	...	0.6	0.5	0.4	0.4	...
Dogwood	4.8	4.0	0.6	0.2	...	...	...	...	...	...	...
Holly	13.0	6.4	3.2	1.8	0.4	0.4	0.6	0.2	...	...	...
Other commercial	8.2	3.0	1.3	1.0	1.6	1.0	...	...	0.3	...	...
Total hardwoods	8919.6	571.1	870.3	1130.4	1047.7	1143.6	1030.7	867.0	660.5	1279.6	318.7
All species	18815.7	1165.4	1899.2	2446.7	2587.5	2611.6	2327.0	1874.8	1300.6	2181.6	421.2

Table 35—Volume of growing stock in the sawlog portion of sawtimber trees on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
----- Million cubic feet -----									
Longleaf pine	317.5	60.6	70.7	55.6	57.6	31.5	26.5	15.0	...
Slash pine	534.4	155.8	181.8	108.4	53.4	24.6	7.0	3.4	...
Shortleaf pine	640.0	123.2	173.8	144.9	99.4	57.7	19.6	21.5	...
Loblolly pine	4551.6	624.0	783.4	822.4	735.4	589.0	392.0	552.9	52.4
Spruce pine	81.3	6.2	8.5	10.9	12.4	13.0	11.5	17.0	1.7
Redcedar	2.5	1.0	0.9	0.4	...	0.2	...	...	...
Cypress	1231.6	70.3	131.6	189.1	231.8	212.9	134.0	222.5	39.6
Total softwoods	7358.8	1041.1	1350.7	1331.7	1190.0	928.9	590.5	832.3	93.6
Select white oaks	246.5	...	41.4	37.9	38.5	38.4	24.4	52.4	13.6
Select red oaks	255.3	...	21.7	26.8	38.7	33.2	35.3	75.3	24.3
Other white oaks	275.2	...	38.0	43.2	36.7	36.2	30.5	69.5	21.1
Other red oaks	1308.3	...	149.6	204.4	179.8	175.4	142.0	337.0	120.2
Sweet pecan	58.3	...	4.5	5.1	7.9	7.0	7.5	15.2	11.0
Water hickory	165.5	...	20.4	23.8	30.0	23.3	20.4	33.3	14.3
Other hickories	123.6	...	17.0	29.1	20.5	19.2	14.0	21.2	2.5
Persimmon	1.0	...	0.7	0.3	...	...	...	...	...
Hard maple	3.1	...	0.9	0.2	1.2	...	...	0.8	...
Soft maple	77.0	...	18.1	17.7	13.2	7.2	9.8	9.8	1.1
Boxelder	17.8	...	8.2	2.8	4.3	2.1	0.3	...	...
Beech	114.0	...	6.1	9.2	17.1	16.7	12.6	44.8	7.5
Sweetgum	899.6	...	155.6	195.8	162.4	134.7	93.5	142.5	15.1
Blackgum	143.2	...	29.1	38.2	32.4	22.7	10.3	10.2	0.4
Other gums/tupelos	420.7	...	74.8	109.7	92.2	66.8	28.7	41.9	6.6
White ash	16.8	...	2.9	2.7	4.3	3.4	1.6	1.6	0.3
Other ashes	223.4	...	27.5	34.3	39.3	34.3	31.5	49.8	6.6
Sycamore	57.7	...	11.8	14.8	6.4	6.7	7.0	10.3	0.7
Cottonwood	99.8	...	9.5	11.4	10.5	15.7	14.6	27.3	10.7
Basswood	3.4	...	1.3	0.6	...	0.5	0.2	...	0.7
Yellow-poplar	44.4	...	3.5	4.8	8.6	5.2	7.1	12.1	3.1
Magnolia	22.0	...	2.1	4.2	4.9	2.0	2.1	6.0	1.0
Sweetbay	27.8	...	6.6	8.7	4.9	2.5	1.3	3.6	...
Willow	244.2	...	29.1	29.0	42.3	28.8	28.2	74.9	11.9
Black walnut	1.1	...	...	0.4	0.6	...	...	...	...
Black cherry	8.0	...	1.9	1.5	3.5	1.1	...	...	...
American elm	88.5	...	17.4	13.6	13.7	14.0	10.6	16.0	3.2
Other elms	65.5	...	15.9	13.2	9.2	10.1	3.9	12.5	0.8
River birch	3.6	...	1.3	0.8	0.6	...	...	0.8	...
Hackberry	179.5	...	28.6	31.1	29.9	34.2	22.2	29.4	4.1
Black locust	0.3	...	...	...	...	...	...	0.3	...
Other locusts	26.5	...	5.4	5.1	7.3	1.3	3.1	3.5	0.7
Sassafras	2.5	...	0.8	...	0.5	0.4	0.4	0.3	...
Holly	1.3	...	0.3	0.3	0.5	0.2	...	...	...
Other commercial	2.0	...	1.1	0.6	...	...	0.3	...	...
Total hardwoods	5227.2	...	752.9	921.3	862.1	743.6	563.5	1102.4	281.4
All species	12585.9	1041.1	2103.6	2253.0	2052.0	1672.5	1154.0	1934.7	375.1

Table 36—*Volume of timber on timberland by detailed species and class of timber, Louisiana Parishes, 1991*

Species	All live	Growing stock	Rough	Rotten
----- Million cubic feet -----				
Longleaf pine	413.7	411.6	2.1	...
Slash pine	779.4	774.7	4.6	0.1
Shortleaf pine	845.6	840.6	5.0	...
Loblolly pine	6354.2	6272.8	79.2	2.2
Spruce pine	92.6	92.0	0.6	...
Redcedar	5.7	4.6	0.9	0.1
Cypress	1599.9	1499.9	67.3	32.7
Total softwoods	10091.1	9896.1	159.9	35.1
Select white oaks	454.4	411.3	34.9	8.2
Select red oaks	381.9	365.3	13.4	3.3
Other white oaks	536.4	451.2	67.2	17.9
Other red oaks	2229.4	1984.5	178.4	66.5
Sweet pecan	92.3	83.9	7.8	0.6
Water hickory	300.0	266.5	31.0	2.5
Other hickories	232.3	213.4	15.1	3.9
Persimmon	16.4	13.2	2.9	0.3
Hard maple	8.6	7.0	1.7	...
Soft maple	342.0	243.9	85.9	12.3
Boxelder	83.6	59.9	21.5	2.2
Beech	220.8	148.9	48.5	23.4
Sweetgum	1812.6	1665.8	126.7	20.1
Blackgum	366.3	305.1	47.7	13.5
Other gums/tupelos	957.0	785.4	150.3	21.3
White ash	33.3	29.2	3.8	0.3
Other ashes	488.3	397.5	76.5	14.2
Sycamore	105.7	99.2	5.3	1.1
Cottonwood	137.4	131.6	4.7	1.1
Basswood	8.7	5.9	2.6	0.2
Yellow-poplar	65.1	61.9	2.6	0.6
Magnolia	39.6	28.3	6.2	5.1
Sweetbay	80.8	64.2	12.2	4.3
Willow	434.1	347.6	75.5	10.9
Black walnut	2.4	1.9	0.4	0.1
Black cherry	25.2	19.6	5.4	0.3
American elm	196.4	157.5	35.9	3.0
Other elms	187.5	152.5	31.9	3.0
River birch	9.2	7.5	1.7	...
Hackberry	423.0	326.6	84.5	11.9
Black locust	3.3	1.7	0.7	0.8
Other locusts	68.2	49.0	16.5	2.7
Sassafras	10.1	6.7	2.9	0.5
Dogwood	13.0	4.8	8.1	0.1
Holly	19.0	13.0	5.4	0.7
Other commercial	13.3	8.2	4.1	1.0
Total hardwoods	10397.6	8919.6	1219.8	258.2
Noncommercial	221.5	...	221.5	...
All species	20710.2	18815.7	1601.2	293.3

Table 37 – Volume of sawtimber for tree grade 1 on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million board feet-----									
Longleaf pine	130.6	9.5	6.4	9.8	14.0	31.3	44.5	15.1	...
Slash pine	185.1	4.3	13.3	55.7	59.1	39.3	10.6	2.7	...
Shortleaf pine	1103.8	88.2	279.7	265.8	241.7	121.3	71.4	35.8	...
Loblolly pine	5353.0	200.3	433.1	739.3	823.9	918.2	660.4	1441.4	136.4
Spruce pine	48.1	2.9	7.6	...	7.4	3.2	6.2	8.6	12.2
Redcedar	6.7	4.7	...	2.0	...	...	...	...	...
Cypress	1895.5	35.9	131.4	246.3	300.4	417.9	278.7	425.4	59.5
Total softwoods	8722.9	345.9	871.4	1318.9	1446.5	1531.2	1071.8	1929.1	208.1
Select white oaks	184.4	...	...	...	10.2	38.1	36.7	73.1	26.3
Select red oaks	394.3	...	...	...	16.3	39.2	70.3	187.7	80.8
Other white oaks	132.9	...	...	...	4.9	24.7	28.0	48.5	26.8
Other red oaks	986.2	...	...	...	32.4	128.7	159.7	507.4	158.0
Sweet pecan	91.6	...	...	...	9.6	10.4	8.0	26.4	37.2
Water hickory	99.6	...	...	...	6.3	13.9	20.2	34.3	24.9
Other hickories	82.1	...	...	...	3.3	26.1	14.4	32.3	6.1
Soft maple	10.2	...	...	...	2.8	...	3.4	2.3	1.6
Boxelder	4.1	...	...	...	...	4.1	...	...	...
Beech	31.7	...	...	...	3.6	...	2.3	22.6	3.2
Sweetgum	732.6	...	...	...	128.9	168.5	146.5	272.4	16.2
Blackgum	74.6	...	...	...	16.2	33.6	14.9	9.0	0.9
Other gums/tupelos	231.7	...	...	...	52.1	99.8	38.6	32.3	8.8
White ash	33.6	...	...	...	3.9	13.0	7.0	9.8	...
Other ashes	238.8	...	...	...	22.1	46.9	56.5	98.4	14.8
Sycamore	92.6	...	...	...	9.2	24.6	25.8	28.7	4.3
Cottonwood	204.6	...	...	...	6.3	39.2	40.5	85.1	33.5
Yellow-poplar	45.8	...	...	...	3.2	10.8	6.6	19.8	5.4
Magnolia	16.0	...	...	...	...	2.8	3.4	9.7	...
Sweetbay	5.9	...	...	...	...	2.9	3.0	...	...
Willow	98.7	...	...	...	11.3	9.5	12.3	64.0	1.6
American elm	66.6	...	...	...	8.9	11.4	24.3	15.3	6.7
Other elms	12.9	...	...	...	...	10.3	...	2.6	...
Hackberry	56.0	...	...	...	5.6	15.6	11.3	23.4	...
Other locusts	12.9	...	...	...	6.4	3.2	...	3.4	...
Total hardwoods	3940.5	...	...	...	363.6	777.4	733.8	1608.5	457.1
All species	12663.3	345.9	871.4	1318.9	1810.2	2308.6	1805.6	3537.6	665.2

Table 38 – Volume of sawtimber for tree grade 2 on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)							
		9.0- 10.9	11.0- 12.9	13.0- 14.9	15.0- 16.9	17.0- 18.9	19.0- 20.9	21.0- 28.9	29.0 & larger
-----Million board feet-----									
Longleaf pine	239.1	12.1	39.8	47.6	69.5	21.1	33.5	15.5	...
Slash pine	269.5	22.1	75.4	61.6	66.3	32.7	11.4	...	...
Shortleaf pine	947.8	179.9	222.7	252.7	166.5	89.9	7.1	29.0	...
Loblolly pine	5135.6	248.2	604.8	936.0	1024.9	763.0	641.6	802.5	114.7
Spruce pine	116.3	11.9	19.5	27.2	10.5	3.9	20.2	23.1	...
Cypress	1795.0	64.3	203.3	325.1	394.9	286.4	161.7	330.2	29.1
Total softwoods	8503.4	538.4	1165.5	1650.3	1732.5	1197.1	875.5	1200.3	143.8
Select white oaks	328.4	...	...	40.8	70.3	82.8	38.2	82.5	13.9
Select red oaks	403.8	...	...	59.6	79.8	56.8	55.5	107.2	44.9
Other white oaks	307.2	...	...	48.5	32.5	42.5	45.7	95.8	42.2
Other red oaks	1352.4	...	...	166.5	205.7	221.5	179.6	389.0	190.1
Sweet pecan	77.7	...	...	9.0	14.2	3.2	8.2	23.6	19.6
Water hickory	196.4	...	...	19.2	48.6	43.8	37.8	27.5	19.6
Other hickories	156.6	...	...	44.4	41.2	22.1	19.8	23.0	6.1
Hard maple	7.7	...	...	...	7.7	...	...	...	...
Soft maple	26.8	...	...	1.6	2.1	7.3	11.8	4.0	...
Boxelder	2.5	...	...	2.5	...	...	...	...	...
Beech	42.5	...	...	6.7	...	6.0	...	21.7	8.1
Sweetgum	1311.6	...	...	322.6	359.9	216.6	169.0	235.8	7.6
Blackgum	197.8	...	...	75.4	62.6	18.4	21.5	20.0	...
Other gums/tupelos	511.8	...	...	183.6	177.3	73.5	27.5	45.7	4.3
White ash	26.0	...	...	5.9	20.1	...	...	...	...
Other ashes	293.6	...	...	61.0	85.6	44.5	50.4	48.8	3.2
Sycamore	80.3	...	...	55.5	10.2	3.2	5.2	6.1	...
Cottonwood	93.6	...	...	11.8	13.5	19.1	9.4	32.9	6.9
Basswood	1.3	...	...	1.3	...	...	...	...	...
Yellow-poplar	43.9	...	...	5.1	2.0	9.6	15.7	11.4	...
Magnolia	4.6	...	...	...	2.1	...	...	2.5	...
Sweetbay	15.4	...	...	4.3	4.5	3.3	...	3.3	...
Willow	229.6	...	...	29.2	76.4	29.1	27.1	65.4	2.5
Black walnut	4.0	...	...	...	4.0	...	...	...	...
Black cherry	20.8	...	...	7.7	9.8	3.3	...	...	...
American elm	83.9	...	...	25.7	27.3	14.6	10.8	5.6	...
Other elms	52.3	...	...	9.1	18.7	10.7	...	13.8	...
River birch	5.1	...	...	2.5	...	...	...	2.6	...
Hackberry	126.8	...	...	24.5	33.9	28.9	21.7	17.8	...
Other locusts	22.7	...	...	4.9	6.8	...	3.0	8.0	...
Holly	3.0	...	...	...	3.0	...	...	...	...
Other commercial	2.2	...	...	2.2	...	...	...	...	...
Total hardwoods	6032.5	...	...	1231.0	1419.7	960.7	758.0	1294.1	369.0
All species	14535.9	538.4	1165.5	2881.3	3152.2	2157.8	1633.5	2494.4	512.7

Table 39—Volume of sawtimber for tree grade 3 on timberland by detailed species and diameter class, Louisiana Parishes, 1991

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
----- <i>Million board feet</i> -----									
Longleaf pine	1544.8	311.0	369.0	282.5	275.1	140.2	98.1	68.9	...
Slash pine	2725.9	820.0	995.4	554.7	218.3	88.4	27.1	21.9	...
Shortleaf pine	1990.4	448.0	579.8	408.1	246.1	175.2	52.0	81.1	...
Loblolly pine	17280.4	2846.2	3532.0	3336.2	2740.9	2058.5	1242.5	1422.8	101.4
Spruce pine	350.7	19.7	24.9	42.1	63.8	80.2	43.5	76.6	...
Redcedar	2.0	...	2.0	...	...	...	...	...	...
Cypress	2651.7	216.4	331.2	414.3	526.7	425.6	263.7	409.4	64.4
Total softwoods	26545.9	4661.3	5834.2	5037.8	4070.8	2968.2	1726.9	2080.8	165.8
Select white oaks	662.4	...	136.2	107.3	105.5	95.2	66.9	109.2	42.1
Select red oaks	526.4	...	91.2	73.2	91.2	74.8	52.6	131.2	12.1
Other white oaks	822.9	...	129.8	107.3	118.7	108.9	89.8	211.4	57.1
Other red oaks	3190.9	...	491.7	558.2	500.2	460.6	315.9	686.2	178.0
Sweet pecan	112.3	...	22.1	18.3	14.3	14.6	11.5	25.1	6.4
Water hickory	461.7	...	98.8	69.7	91.0	47.2	49.1	80.5	25.3
Other hickories	342.4	...	72.2	83.0	47.9	33.9	47.0	54.5	4.0
Persimmon	5.3	...	3.8	1.5	...	...	...	...	...
Hard maple	4.4	...	3.0	1.4	...	...	...	...	...
Soft maple	219.9	...	59.1	58.6	43.1	17.2	22.6	14.8	4.4
Boxelder	70.4	...	37.4	7.0	17.8	8.2	...	...	...
Beech	371.8	...	22.0	21.0	56.7	56.9	44.9	152.2	18.2
Sweetgum	2328.2	...	683.4	607.9	324.9	279.2	179.7	220.5	32.6
Blackgum	377.2	...	122.1	108.1	68.2	46.9	14.0	17.9	...
Other gums/tupelos	1050.0	...	307.0	312.3	176.9	128.5	51.2	65.1	9.1
White ash	33.3	...	15.0	7.9	...	8.3	...	...	2.1
Other ashes	509.6	...	131.3	93.4	82.6	69.2	48.6	77.9	6.7
Sycamore	122.4	...	66.4	22.1	8.3	5.1	6.9	13.6	...
Cottonwood	215.4	...	49.5	41.7	31.5	20.6	32.5	28.9	10.7
Basswood	10.8	...	5.4	2.2	...	3.2	...	...	...
Yellow-poplar	129.6	...	20.4	18.6	19.9	12.1	21.0	28.2	9.4
Magnolia	58.0	...	11.6	14.5	15.5	2.3	4.9	9.3	...
Sweetbay	92.6	...	27.2	32.9	21.2	6.6	2.2	2.5	...
Willow	619.1	...	128.1	105.5	101.3	77.7	60.8	139.9	5.8
Black walnut	2.7	...	...	2.7	...	...	...	...	...
Black cherry	15.2	...	7.3	0.5	4.3	3.0	...	...	...
American elm	233.9	...	76.4	30.4	30.8	40.2	18.5	33.5	4.1
Other elms	227.8	...	77.2	41.7	34.1	26.3	19.2	29.2	...
River birch	10.0	...	6.1	2.1	...	...	...	1.8	...
Hackberry	538.6	...	117.0	112.3	75.1	94.1	50.2	75.9	13.9
Black locust	2.9	...	...	...	...	...	...	2.9	...
Other locusts	47.1	...	20.4	14.4	1.4	1.4	3.3	6.2	...
Sassafras	10.0	...	2.5	...	3.1	...	2.3	2.0	...
Holly	3.4	...	1.6	1.9	...	...	...	...	...
Other commercial	7.7	...	6.1	...	...	...	1.7	...	...
Total hardwoods	13436.0	...	3049.4	2679.5	2085.5	1742.3	1217.2	2220.2	441.9
All species	39981.9	4661.3	8883.6	7717.3	6156.3	4710.5	2944.1	4301.0	607.7

Table 40—*Volume of sawtimber for tree grade 4 on timberland by detailed species and diameter class, Louisiana Parishes, 1991*

Species	All classes	Diameter class (inches at breast height)							
		9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 & larger
----- Million board feet -----									
Select white oaks	233.1	...	84.5	60.7	39.9	13.2	6.7	27.2	0.9
Select red oaks	161.8	...	24.3	18.7	25.9	30.0	28.2	34.7	...
Other white oaks	331.5	...	72.0	75.0	49.0	34.6	27.8	68.3	4.8
Other red oaks	1736.8	...	289.2	408.0	272.8	191.2	168.2	315.2	92.2
Sweet pecan	54.7	...	3.7	...	6.0	15.8	8.7	20.4	...
Water hickory	166.5	...	12.7	40.2	26.9	19.6	19.2	39.7	8.2
Other hickories	137.2	...	22.9	31.4	30.5	28.5	5.0	19.0	...
Hard maple	5.7	...	1.9	...	...	...	...	3.8	...
Soft maple	91.2	...	32.7	21.7	13.8	7.8	13.3	1.8	...
Boxelder	19.0	...	5.7	6.3	5.6	...	1.5	...	...
Beech	189.5	...	10.7	21.7	38.1	29.3	29.1	55.1	5.5
Sweetgum	513.8	...	144.2	142.5	74.0	75.3	15.8	60.0	2.0
Blackgum	77.1	...	17.5	7.4	23.6	17.6	5.4	5.6	...
Other gums/tupelos	128.8	...	30.1	29.2	27.4	23.4	6.7	12.0	...
Other ashes	43.2	...	6.7	15.4	7.6	9.5	1.1	2.2	0.6
Sycamore	6.6	...	...	...	...	...	3.5	3.1	...
Cottonwood	48.9	...	2.0	10.7	10.3	14.1	4.3	7.6	...
Yellow-poplar	29.2	...	...	2.4	20.0	...	...	6.8	...
Magnolia	13.6	...	...	1.4	5.3	2.7	4.2	...	...
Sweetbay	20.8	...	6.3	9.1	2.3	...	...	3.1	...
Willow	183.9	...	16.8	21.3	21.9	23.3	36.6	59.5	4.7
Black cherry	3.8	...	...	...	3.8	...	...	...	...
American elm	89.3	...	17.2	17.0	5.3	14.8	6.3	28.6	...
Other elms	79.4	...	10.4	23.9	...	11.7	4.8	24.0	4.6
Hackberry	178.4	...	24.6	29.7	38.0	29.7	31.7	24.6	...
Other locusts	59.2	...	7.1	5.5	26.9	4.0	13.9	2.0	...
Sassafras	1.5	...	1.5	...	...	...	...	...	...
Total hardwoods	4604.4	...	844.7	999.1	774.8	596.1	441.9	824.4	123.5
All species	4604.4	...	844.7	999.1	774.8	596.1	441.9	824.4	123.5

Table 41—*Volume of sawtimber on timberland by species and ownership class, Louisiana Parishes, 1991*

Species	All ownerships	National forest	Other public	Forest industry	Forest industry-leased	Other private
<i>----- Million board feet -----</i>						
Yellow pines	38049.7	3357.8	1554.5	10609.9	1617.3	20910.2
Cypress	6630.2	9.4	201.0	904.6	13.0	5502.2
Redcedar	12.4	...	...	2.1	...	10.3
Total softwoods	44692.4	3367.2	1755.5	11516.6	1630.3	26422.8
Select white-red oaks	3082.0	194.0	154.1	838.9	62.1	1832.9
Other white-red oaks	9530.9	480.3	1117.3	1849.0	194.2	5890.2
Hickory	2125.8	50.3	367.9	399.5	20.1	1287.9
Hard maple	18.9	...	...	14.5	...	4.4
Sweetgum	5302.1	234.4	275.8	1377.1	136.8	3278.0
Tupelo and blackgum	2895.6	53.0	24.6	464.3	25.3	2328.4
Ash-walnut-black cherry	1350.7	10.7	103.5	263.5	21.4	951.6
Yellow-poplar	263.5	...	4.7	40.5	...	218.3
Other hardwoods	5994.0	77.2	632.6	929.7	30.3	4324.1
Total hardwoods	30563.4	1099.8	2680.4	6177.0	490.3	20115.8
All species	75255.8	4467.0	4435.9	17693.6	2120.6	46538.6

Table 42—Average net annual growth, average annual removals, and average annual mortality of live trees¹ by parish and species group, Louisiana Parishes, 1991

Parish	Net growth			Removals			Mortality		
	All species	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
-----Million cubic feet-----									
Acadia	4.0	1.4	2.7	0.7	0.3	0.5	1.1	0.1	1.0
Allen	16.5	13.1	3.4	22.0	16.3	5.7	4.9	1.7	3.2
Ascension	3.2	1.3	1.9	0.7	0.2	0.5	2.0	0.2	1.8
Assumption	5.2	0.7	4.5	0.6	...	0.6	2.8	0.6	2.2
Avoyelles	7.2	2.3	5.0	3.1	0.7	2.3	2.2	0.2	2.0
Beauregard	39.6	32.8	6.8	47.2	42.8	4.4	5.2	3.2	2.0
Bienville	38.3	29.7	8.6	50.8	40.8	9.9	3.8	1.6	2.2
Bossier	29.0	17.5	11.5	40.7	25.3	15.4	5.8	3.8	2.1
Caddo	19.7	11.6	8.0	23.6	11.9	11.7	8.8	4.2	4.7
Calcasieu	12.0	8.1	3.8	12.6	10.3	2.3	4.3	3.6	0.8
Caldwell	12.8	5.9	7.0	21.3	14.1	7.2	5.5	2.8	2.7
Catahoula	8.8	3.8	5.0	3.9	3.7	0.2	2.0	0.9	1.2
Claiborne	34.7	25.1	9.6	35.3	25.7	9.7	5.2	3.8	1.4
Concordia	6.6	...	6.6	7.9	...	7.9	3.7	...	3.7
De Soto	26.3	16.3	10.0	28.2	20.1	8.1	7.3	4.4	2.9
East Baton Rouge	8.4	1.2	7.2	0.8	...	0.8	2.1	...	2.1
East Carroll	1.5	0.2	1.3	4.3	...	4.3	1.0	...	1.0
East Feliciana	13.4	7.7	5.7	17.3	16.0	1.4	3.8	2.4	1.4
Evangeline	11.8	7.5	4.4	7.5	4.9	2.7	4.0	2.2	1.7
Franklin	4.1	1.2	2.8	1.4	...	1.4	2.3	1.2	1.1
Grant	21.7	14.6	7.1	26.4	22.0	4.3	4.5	3.1	1.4
Iberia	8.1	3.5	4.6	0.6	...	0.6	3.4	0.3	3.1
Iberville	11.9	1.9	10.0	0.7	...	0.7	8.9	0.3	8.6
Jackson	23.3	18.2	5.1	34.9	24.2	10.7	2.4	1.0	1.4
Jefferson Davis	3.1	2.4	0.6	0.9	0.8	0.1	1.2	0.3	0.8
Lafayette	0.7	...	0.7	...	...	...	...	...	...
Lafourche	0.5	0.1	0.4	2.2	0.2	2.0	4.2	0.5	3.6
La Salle	20.4	14.8	5.6	29.9	23.9	6.1	5.0	2.0	3.0
Lincoln	16.9	13.3	3.6	15.2	10.3	4.9	4.6	2.5	2.2
Livingston	22.7	18.1	4.7	23.9	19.5	4.3	6.2	1.9	4.3
Madison	11.5	...	11.5	5.5	...	5.5	2.0	...	2.0
Morehouse	15.1	8.4	6.7	15.0	7.1	7.9	1.6	0.3	1.3
Natchitoches	29.9	18.6	11.3	37.8	28.8	9.0	5.2	3.1	2.2
Ouachita	20.8	12.3	8.5	17.4	12.8	4.6	3.8	0.5	3.3
Pointe Coupee	10.6	0.1	10.4	5.5	...	5.5	2.3	0.6	1.7
Rapides	39.2	27.7	11.5	42.5	35.4	7.1	10.1	6.3	3.9
Red River	7.2	3.7	3.5	10.4	8.6	1.8	2.8	1.0	1.8
Richland	5.8	...	5.8	1.1	...	1.1	0.7	...	0.7
Sabine	31.9	23.8	8.0	53.5	41.8	11.7	5.7	3.5	2.2
St. Charles	0.8	-0.3	1.1	3.5	3.2	0.3	2.0	0.1	1.9
St. Helena	16.4	11.8	4.6	11.3	9.1	2.2	2.5	1.7	0.8
St. James	3.8	0.1	3.7	0.2	...	0.2	2.6	...	2.6
St. John the Baptist	-8.6	-3.0	-5.6	3.6	1.2	2.3	2.4	...	2.4
St. Landry	9.3	2.4	6.9	21.1	1.1	20.0	1.7	...	1.7
St. Martin	16.2	5.1	11.1	5.3	0.9	4.4	10.5	0.1	10.5
St. Mary	2.3	0.6	1.7	...	...	...	4.4	...	4.4
St. Tammany	18.8	12.9	5.9	14.9	13.4	1.5	4.6	1.4	3.2
Tangipahoa	16.9	13.0	4.0	26.7	21.8	4.8	3.2	0.6	2.6
Tensas	8.6	...	8.6	14.0	...	14.0	1.7	...	1.7
Terrebonne	-2.1	-0.5	-1.6	2.0	0.5	1.5	3.8	0.6	3.1
Union	28.2	20.9	7.3	37.8	27.6	10.2	6.3	2.9	3.4
Vermilion	-0.6	...	-0.6	...	...	...	2.0	...	2.0
Vernon	45.8	37.1	8.8	55.7	46.6	9.1	12.4	9.0	3.3
Washington	19.3	12.7	6.5	20.5	17.7	2.8	5.3	2.3	3.0
Webster	22.0	12.4	9.7	22.5	15.6	6.9	3.5	2.0	1.6
West Baton Rouge	1.5	...	1.5	5.0	...	5.0	1.6	...	1.6
West Carroll	2.3	...	2.3	...	...	...	...	...	...
West Feliciana	7.4	1.6	5.8	9.0	5.4	3.6	3.7	0.9	2.9
Winn	38.6	29.5	9.1	45.1	33.6	11.6	7.3	2.4	4.9
All parishes	851.0	525.3	325.7	951.7	666.3	285.4	234.0	87.9	146.1

¹Excludes trees less than 5.0 inches in diameter at breast height.

Table 43—Average net annual growth, average annual removals, and average annual mortality of live trees¹ by ownership class and species group, Louisiana Parishes, 1991

Ownership class	Net growth			Removals			Mortality		
	All classes	Softwood	Hardwood	All species	Softwood	Hardwood	All species	Softwood	Hardwood
-----Million cubic feet-----									
National forest	26.0	18.1	7.9	27.6	23.4	4.1	6.8	3.6	3.1
Other public	32.3	12.2	20.1	15.6	9.3	6.2	16.6	2.5	14.0
Forest industry	283.7	211.3	72.4	355.4	266.1	89.3	53.6	26.6	27.0
Forest industry-leased	36.0	29.7	6.3	49.3	41.4	7.9	5.6	3.3	2.3
Other private	473.0	254.0	219.0	503.9	326.1	177.8	151.5	51.9	99.6
All ownerships	851.0	525.3	325.7	951.7	666.3	285.4	234.0	87.9	146.1

¹Excludes trees less than 5.0 inches in diameter at breast height.

Figures 1–30

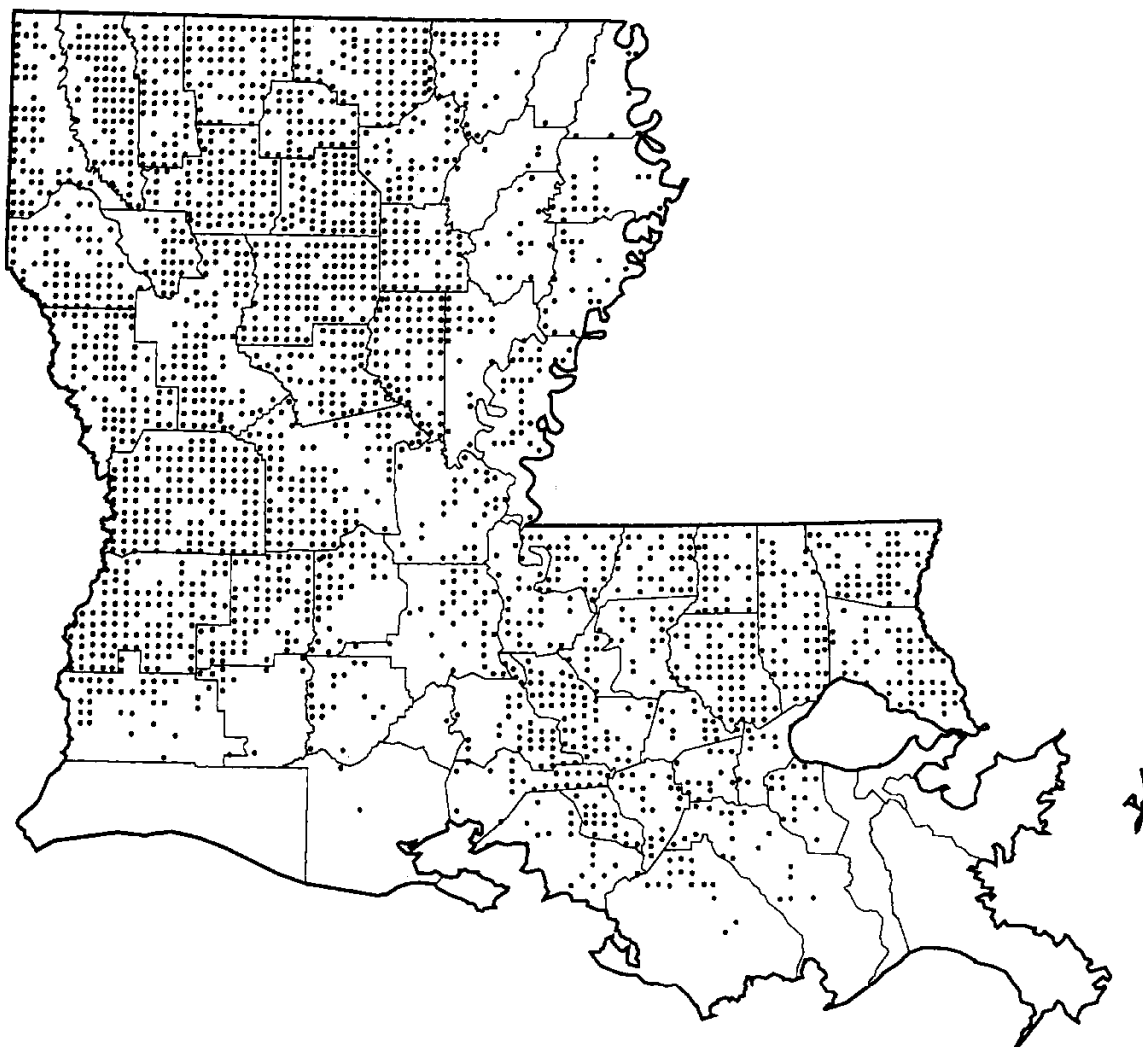
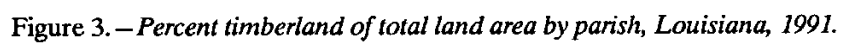


Figure 1.—Location of Forest Inventory and Analysis plots on timberland, Louisiana, 1991.



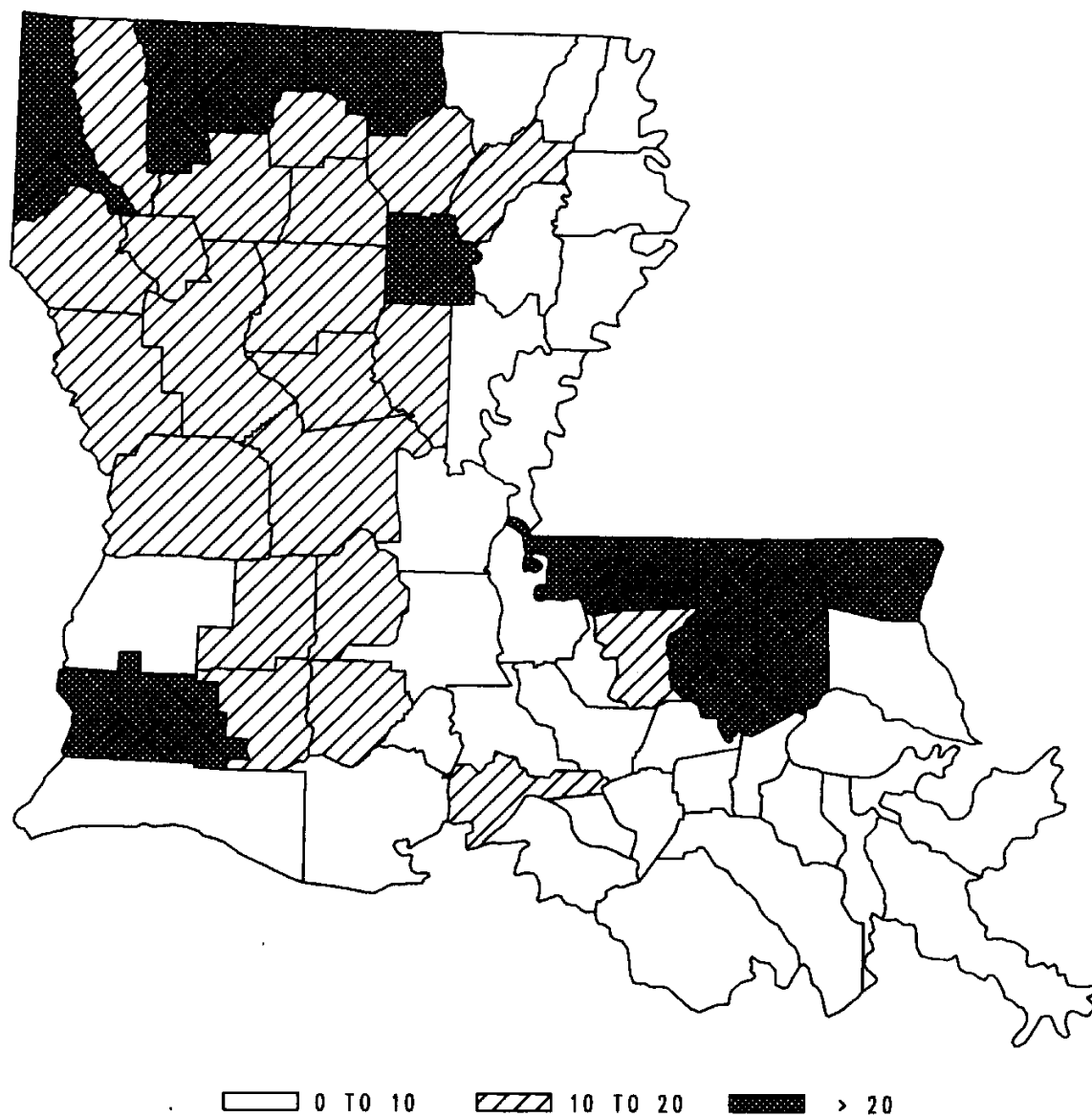


Figure 6. — *Percent timberland by parish, Oak/Hickory forest type, Louisiana, 1991.*

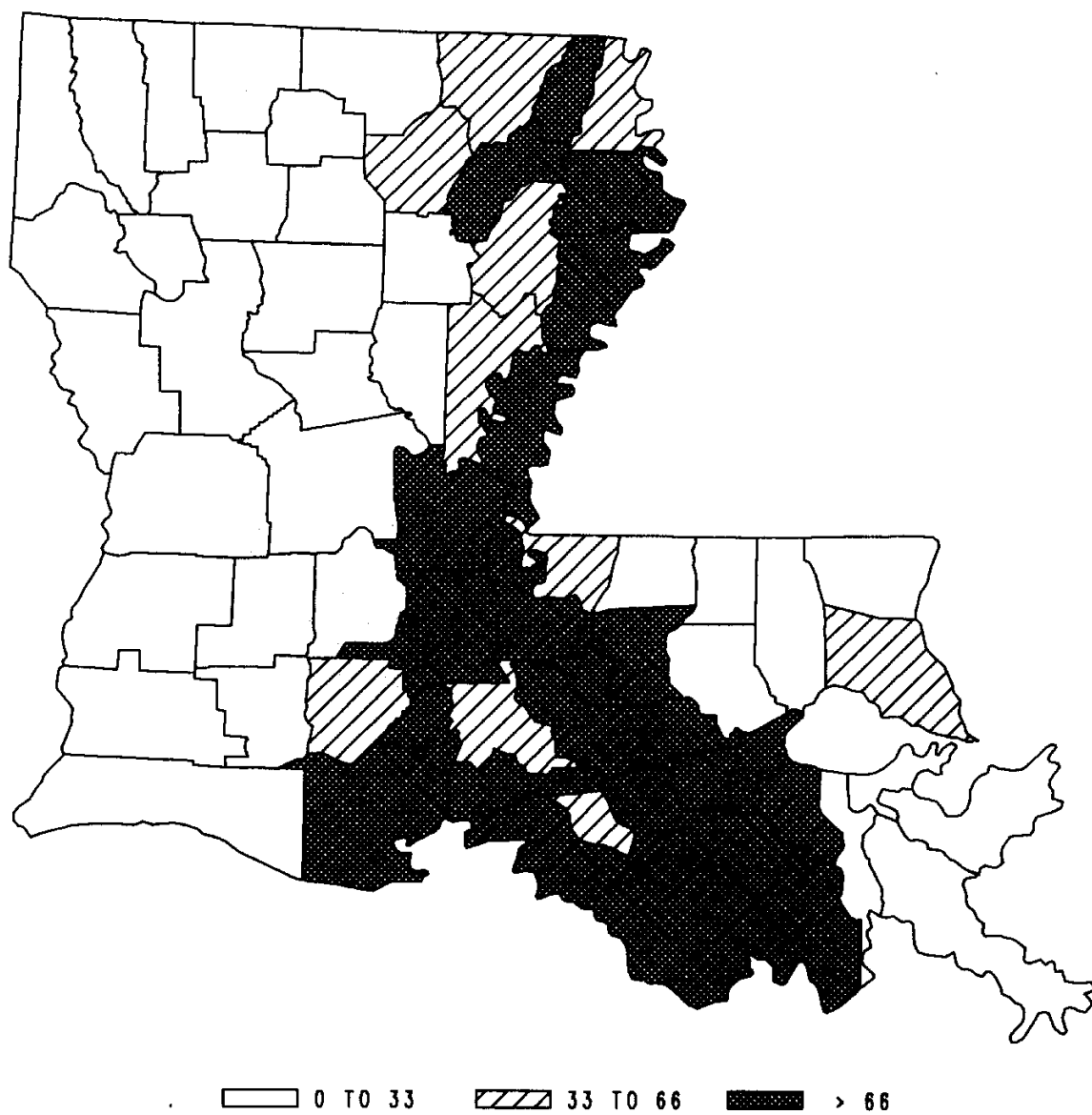


Figure 7.—Percent timberland by parish, Oak/Gum/Cypress forest type, Louisiana, 1991.

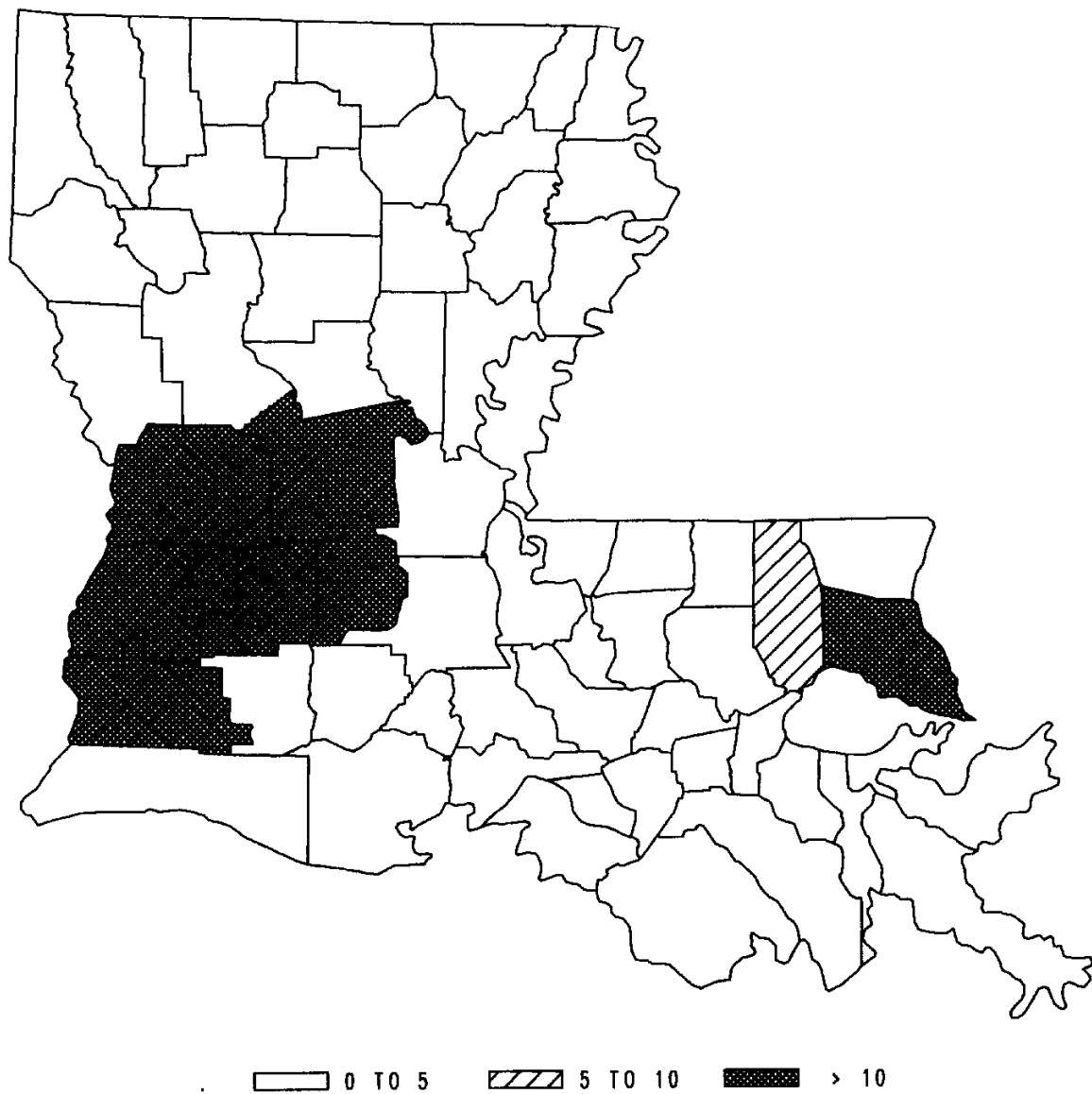


Figure 8.—Percent timberland by parish, Longleaf/Slash pine forest type, Louisiana, 1991.

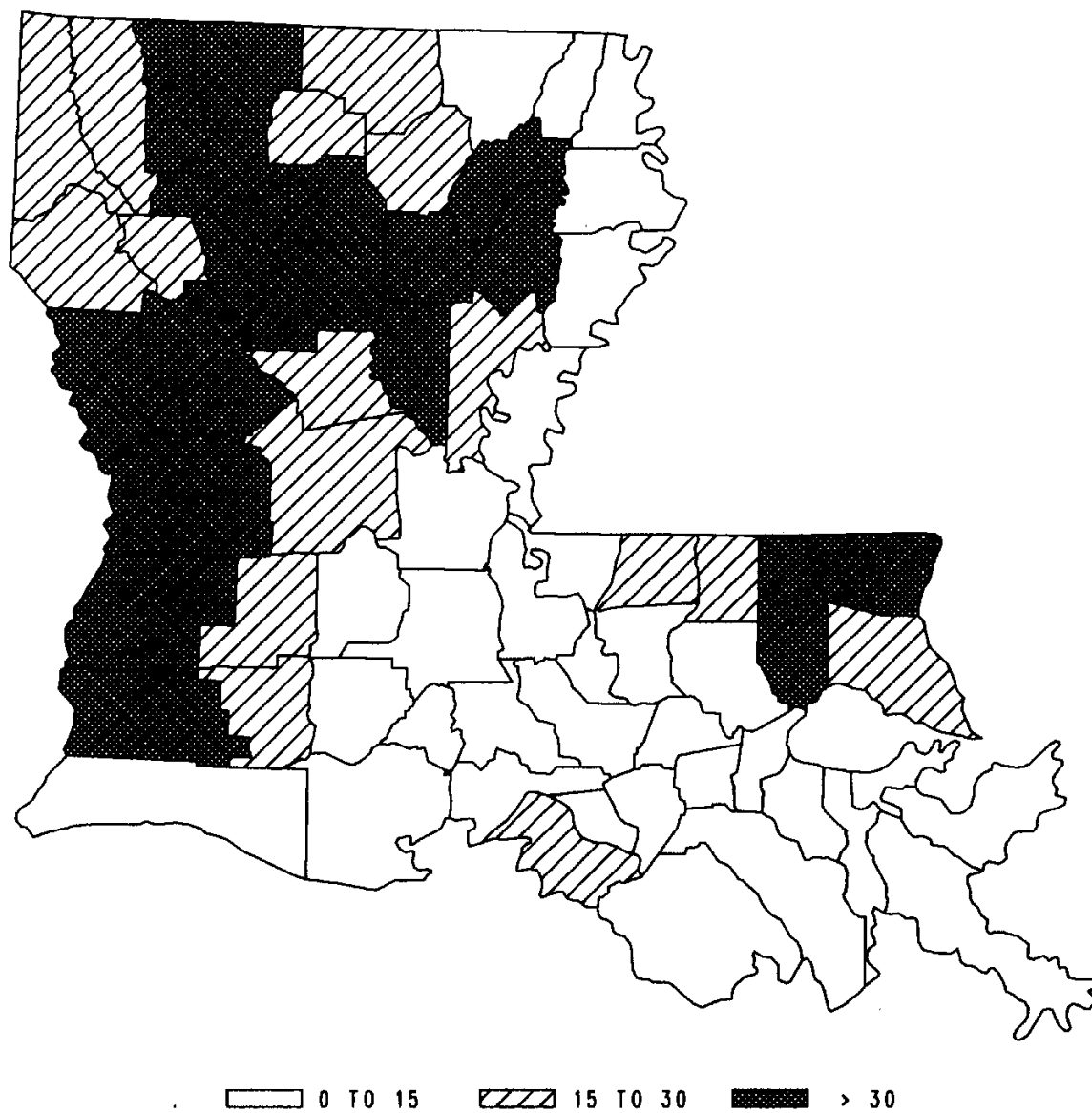


Figure 9.—Percent timberland by parish, seedling and sapling stand-size class, Louisiana, 1991.

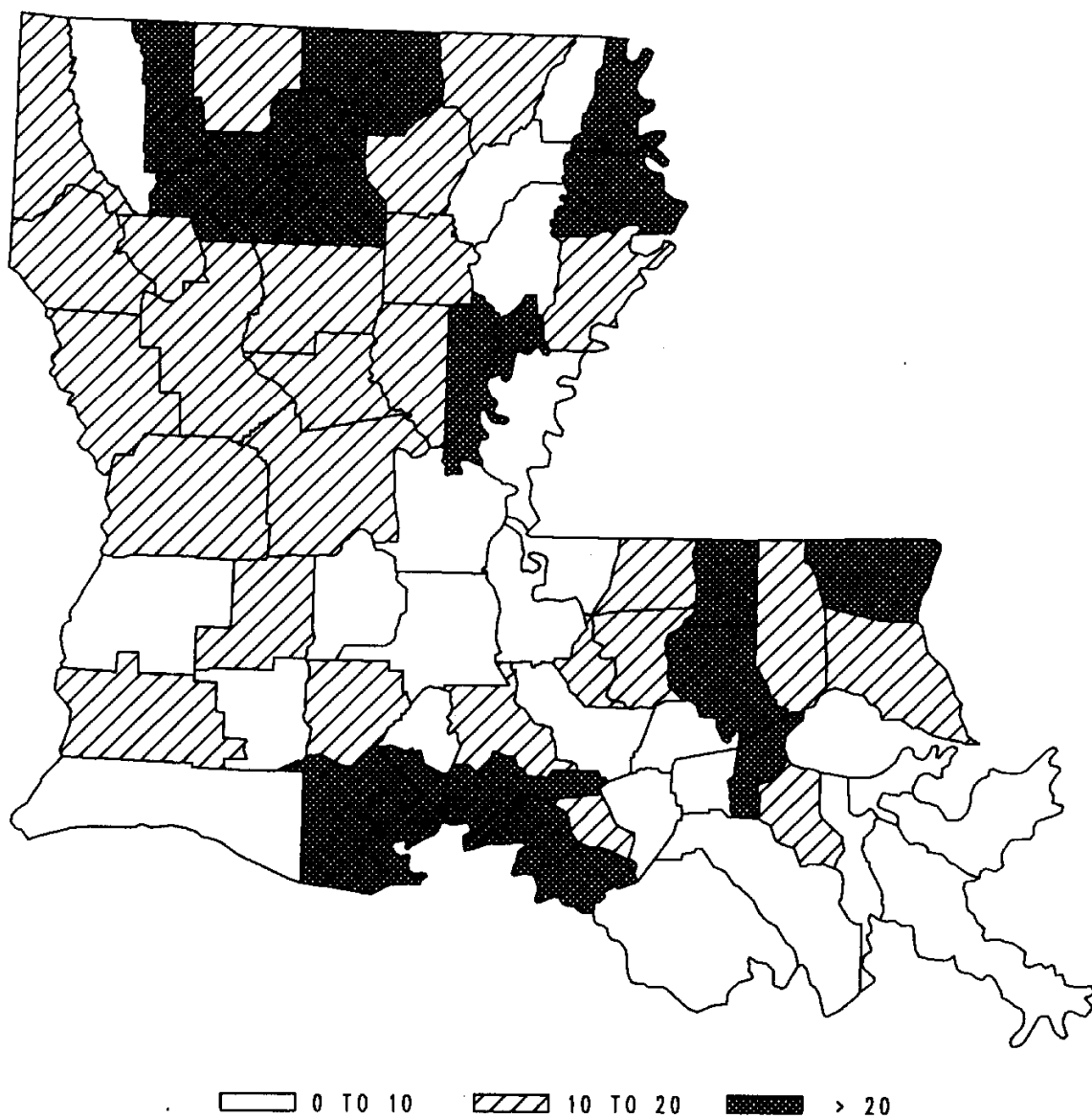


Figure 10.— *Percent timberland by parish, pole timber stand-size class, Louisiana, 1991.*

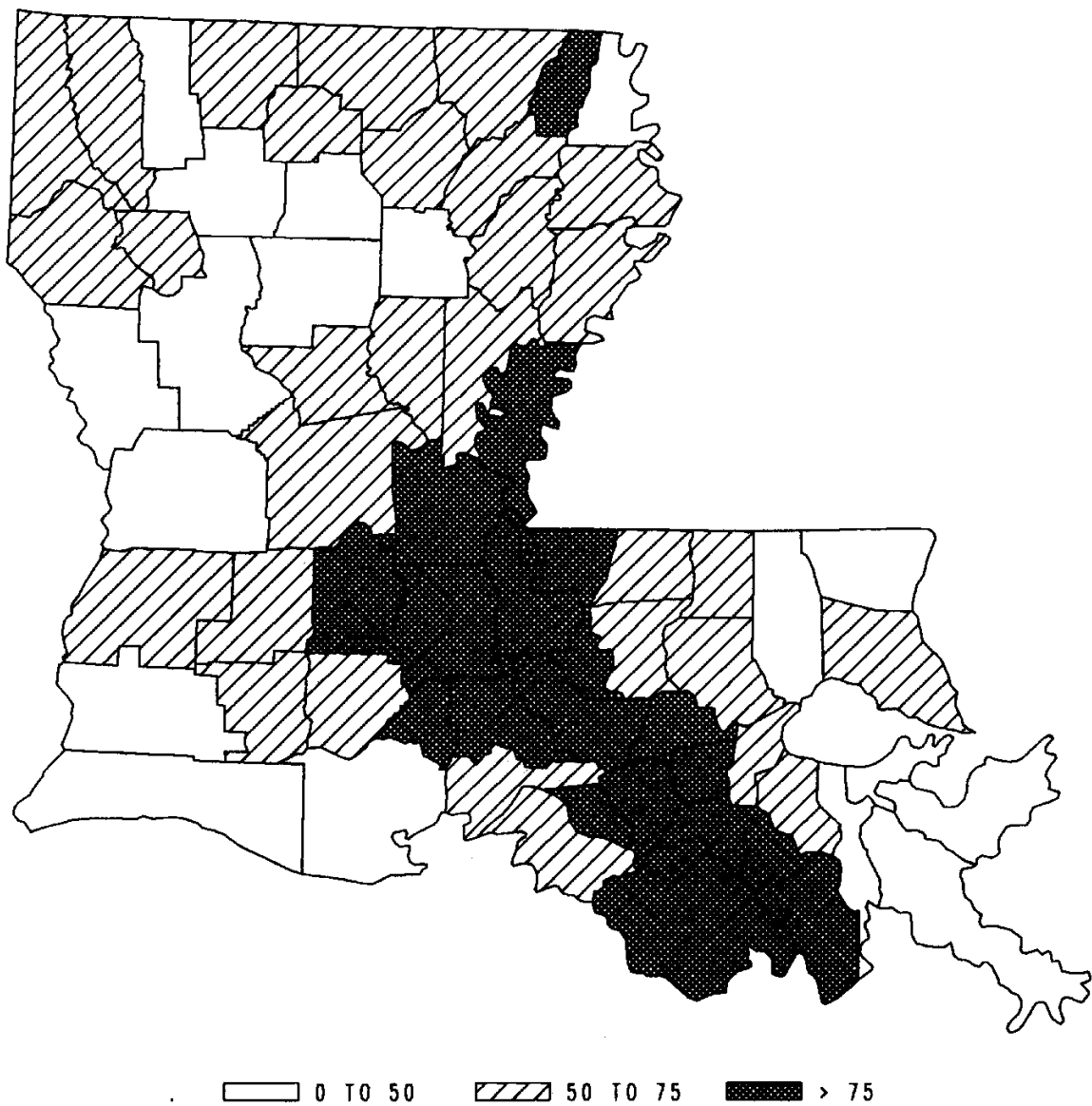


Figure 11.— Percent timberland by parish, sawtimber stand-size class, Louisiana, 1991.

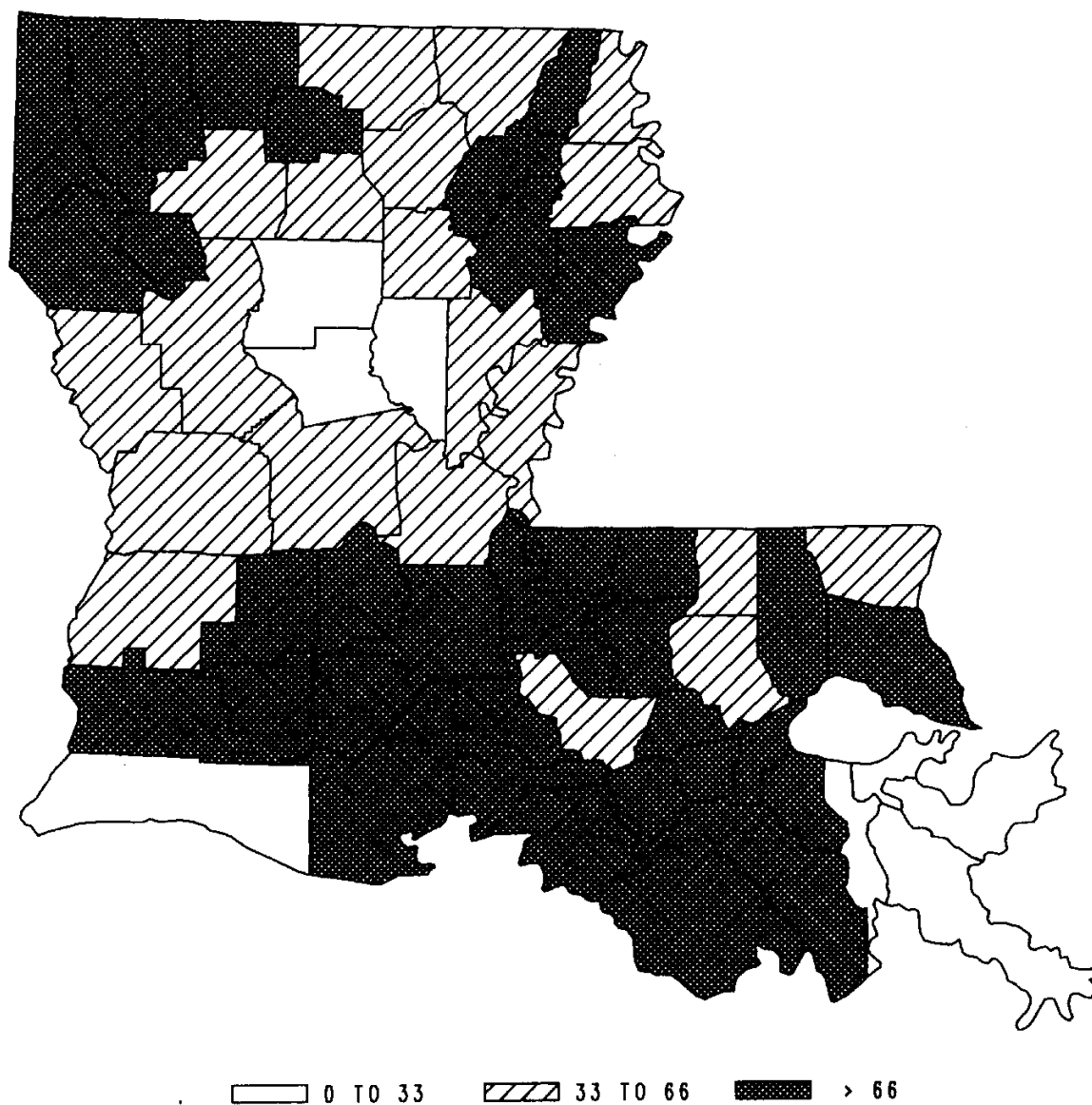


Figure 12.—Percent timberland by parish, nonindustrial private ownership class, Louisiana, 1991.

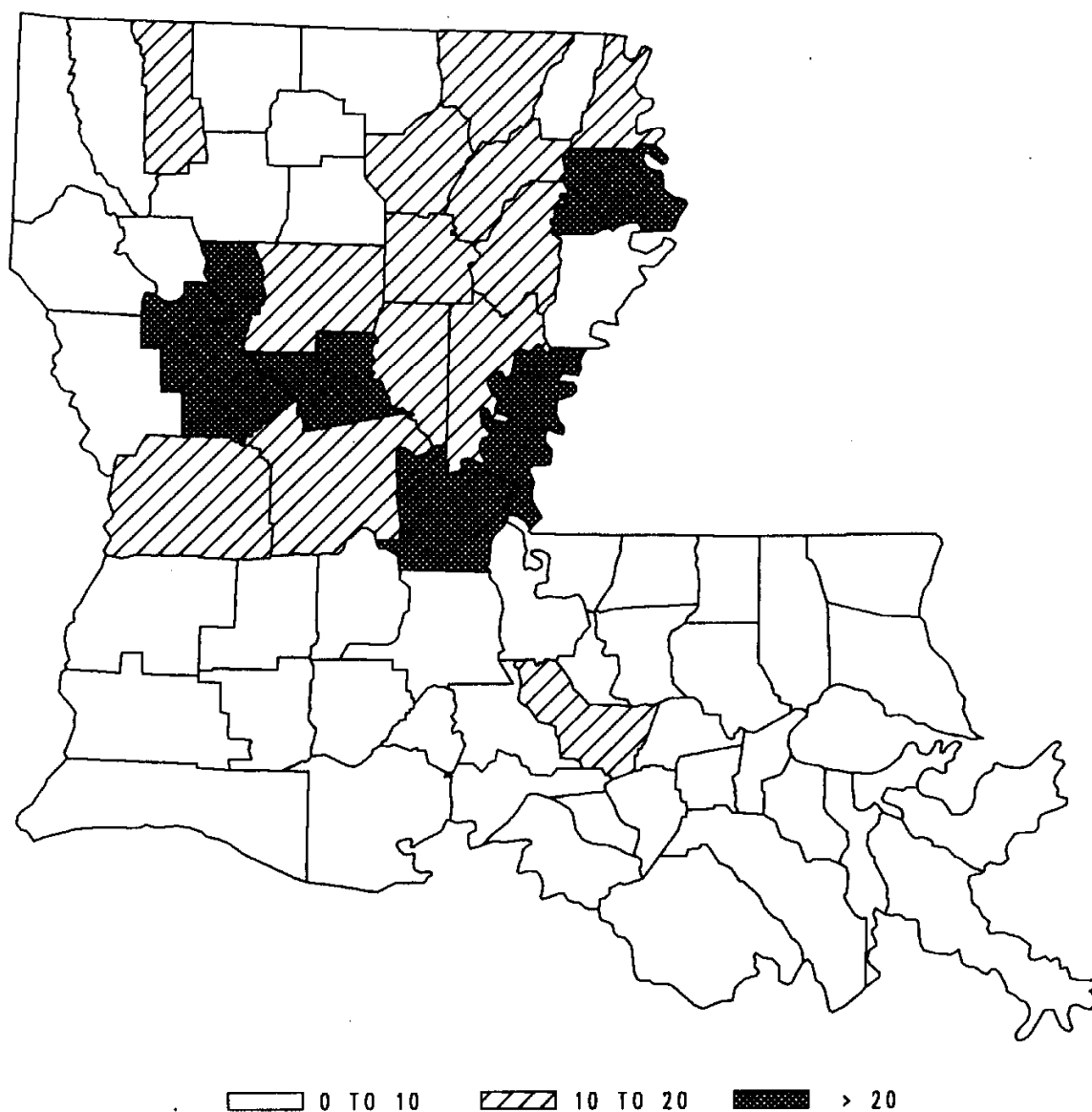


Figure 13. – *Percent timberland by parish, public ownership class, Louisiana, 1991.*

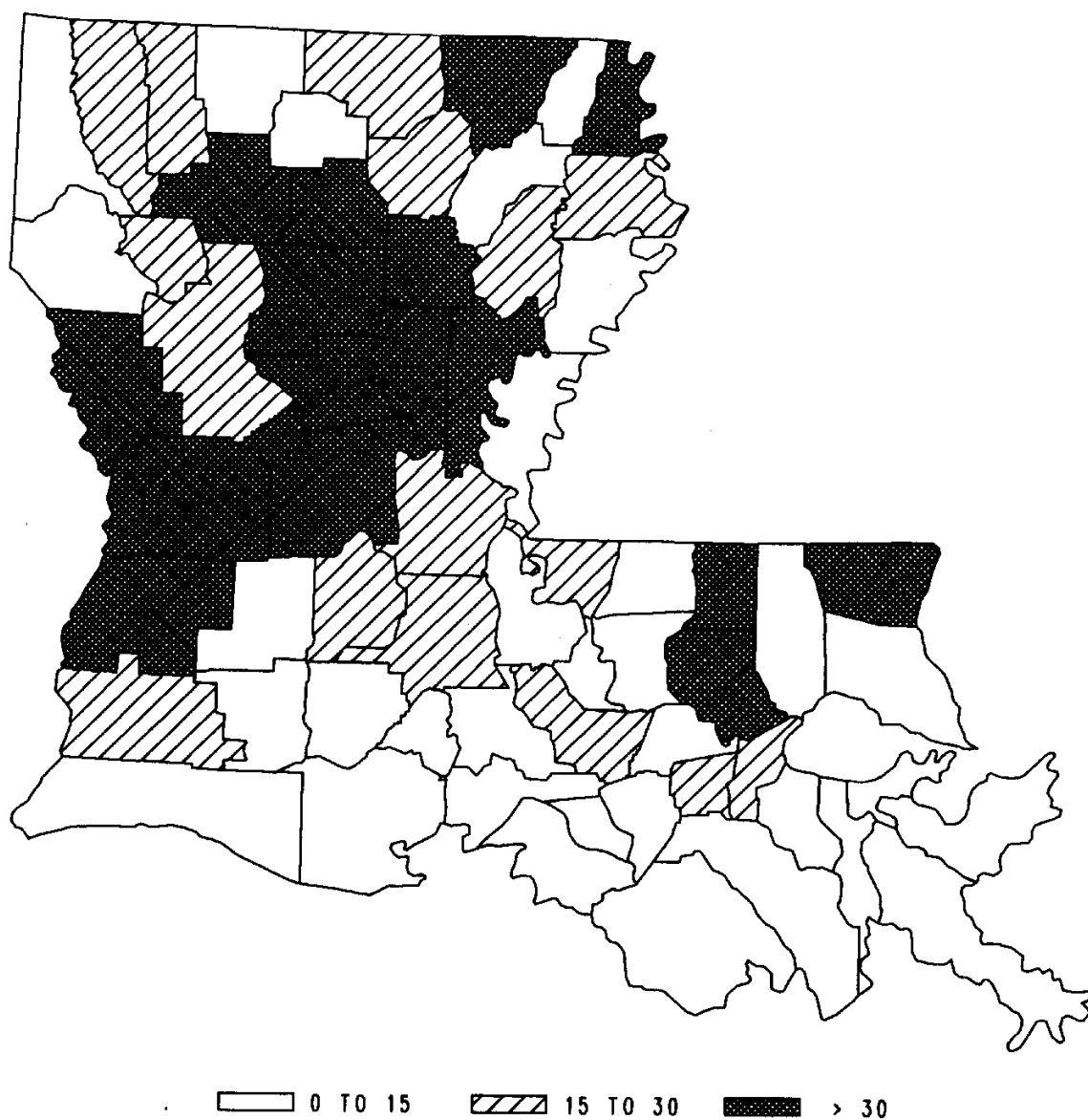


Figure 14.— *Percent timberland by parish, forest industry ownership class, Louisiana, 1991.*

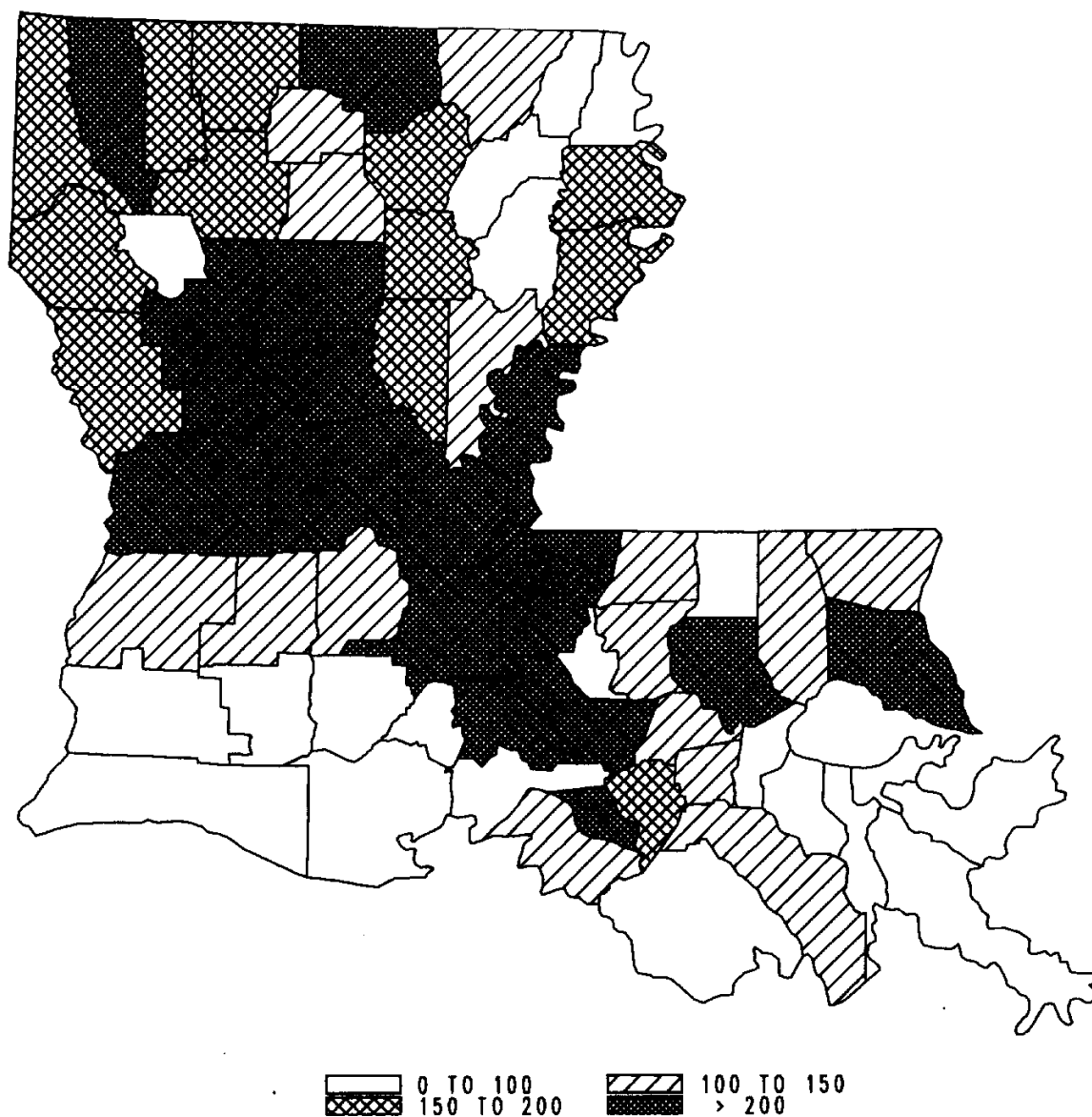


Figure 16.— *Hardwood growing-stock volume by parish, in million cubic feet, Louisiana, 1991.*

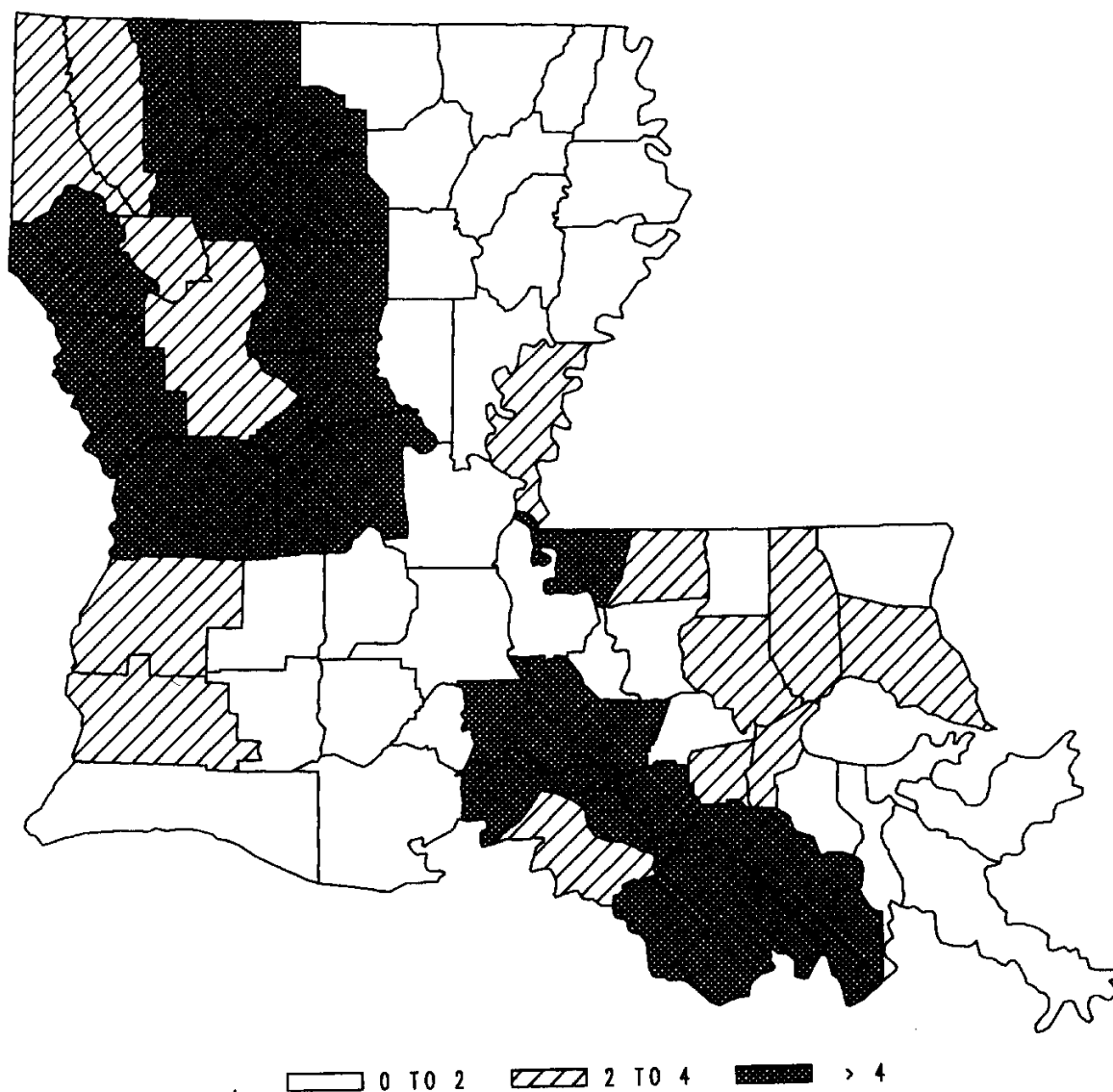


Figure 17.— *Volume of rough and rotten softwood trees by parish, in million cubic feet, Louisiana, 1991.*

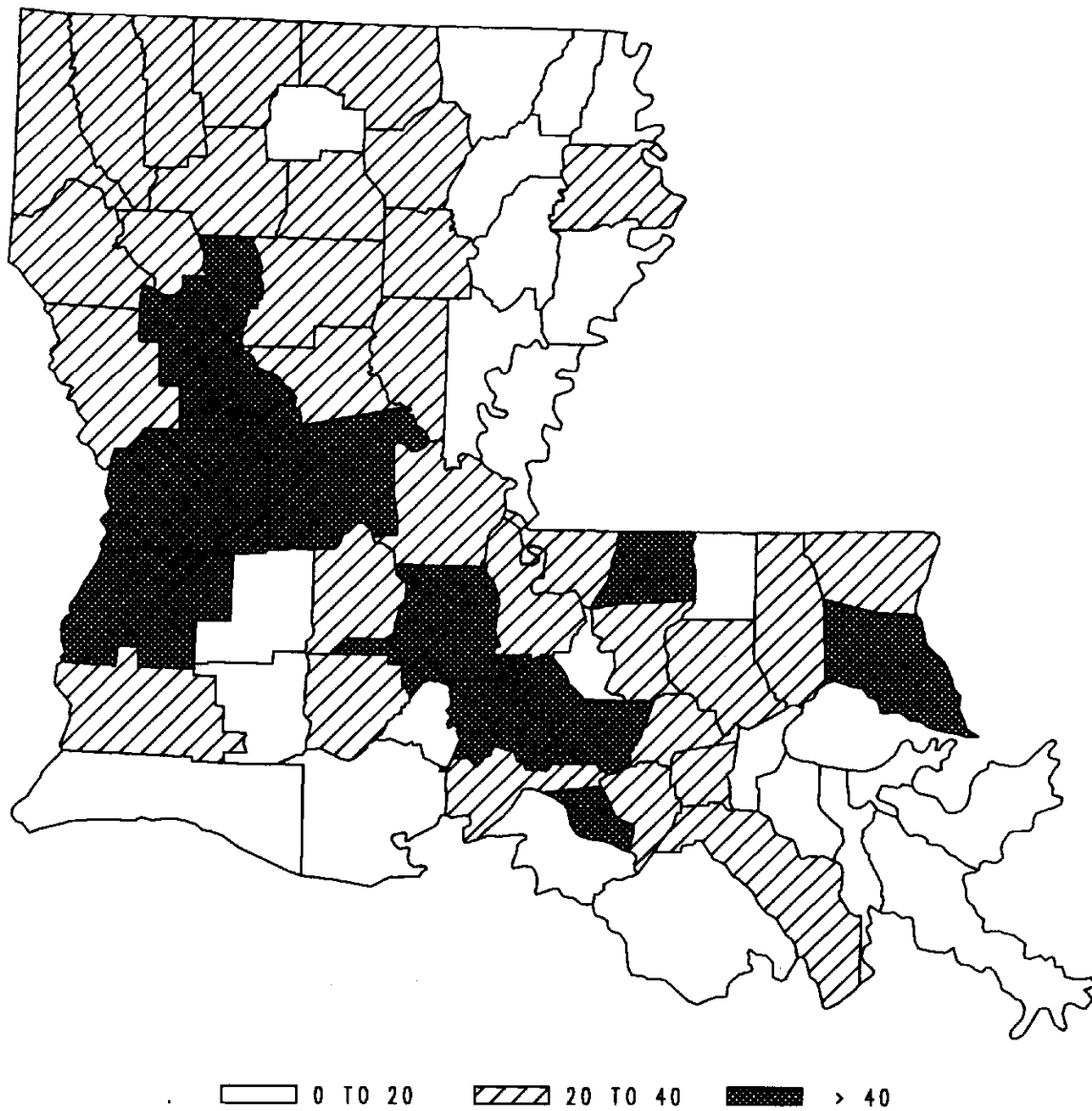


Figure 18.— *Volume of rough and rotten hardwood trees by parish, in million cubic feet, Louisiana, 1991.*

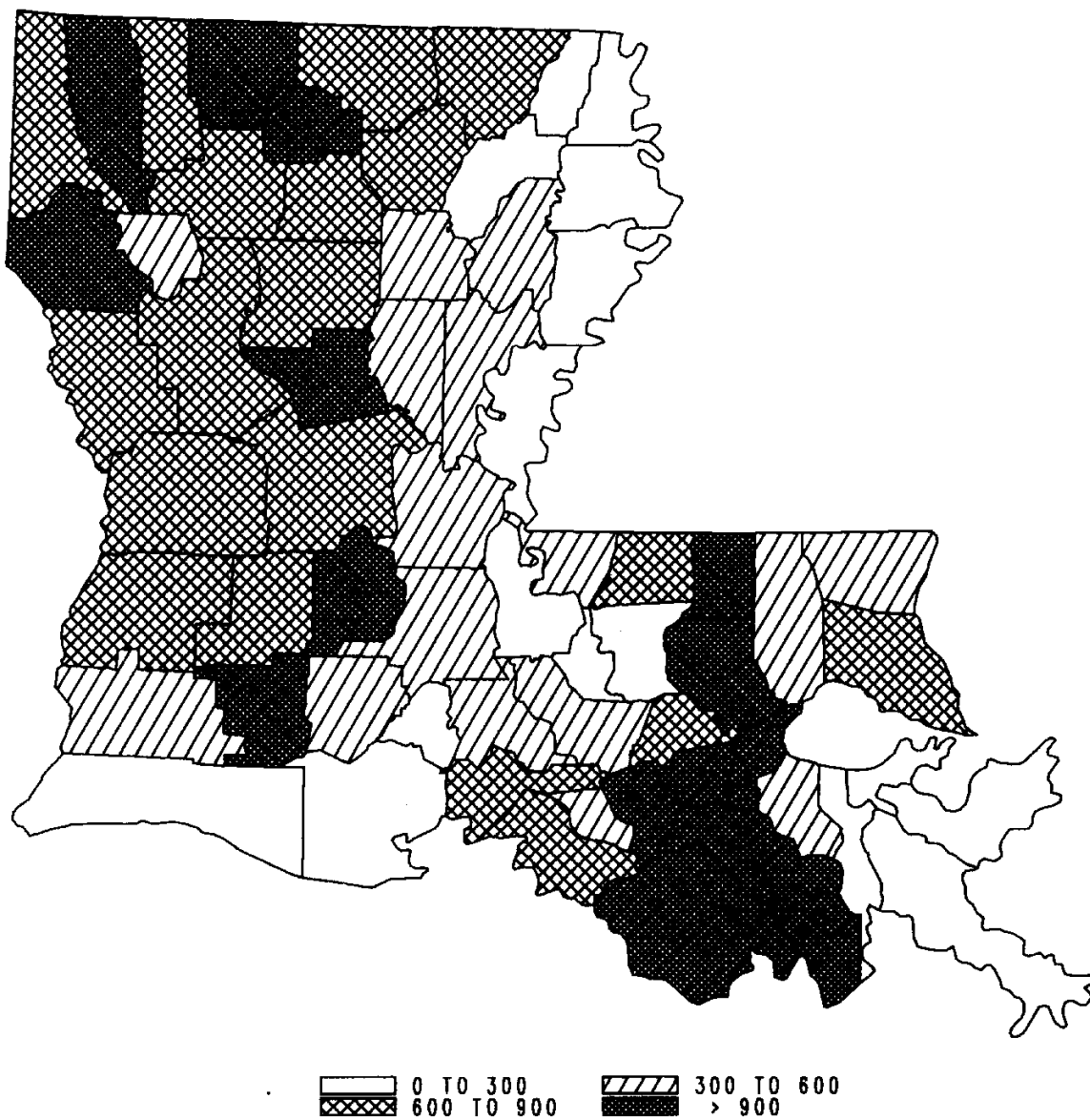


Figure 19.—Average softwood growing-stock volume on timberland by parish, in cubic feet per acre, Louisiana, 1991.

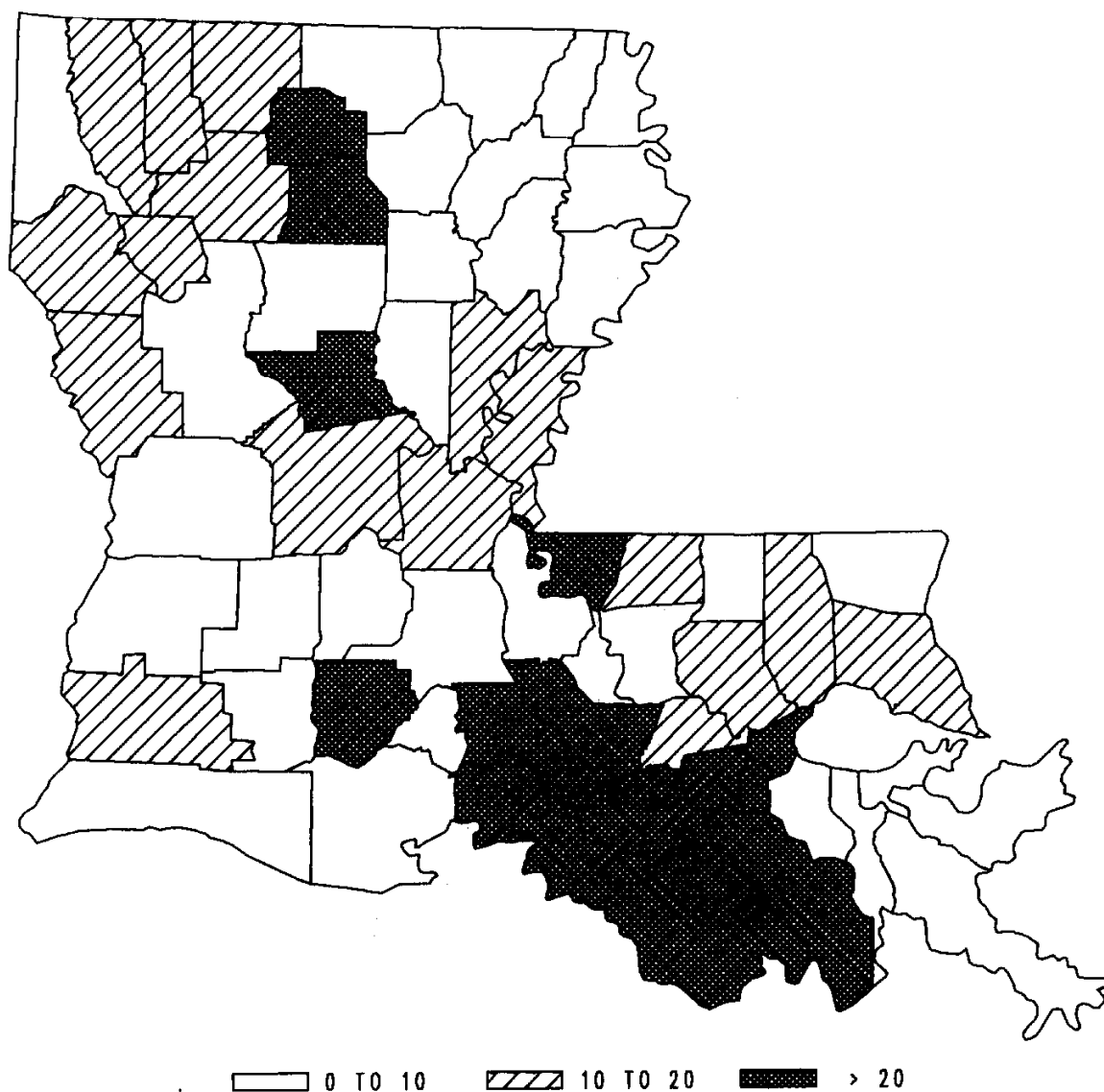
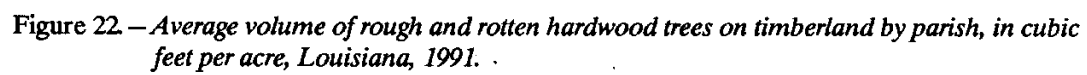


Figure 21.—Average volume of rough and rotten softwood trees on timberland by parish, in cubic feet per acre, Louisiana, 1991.



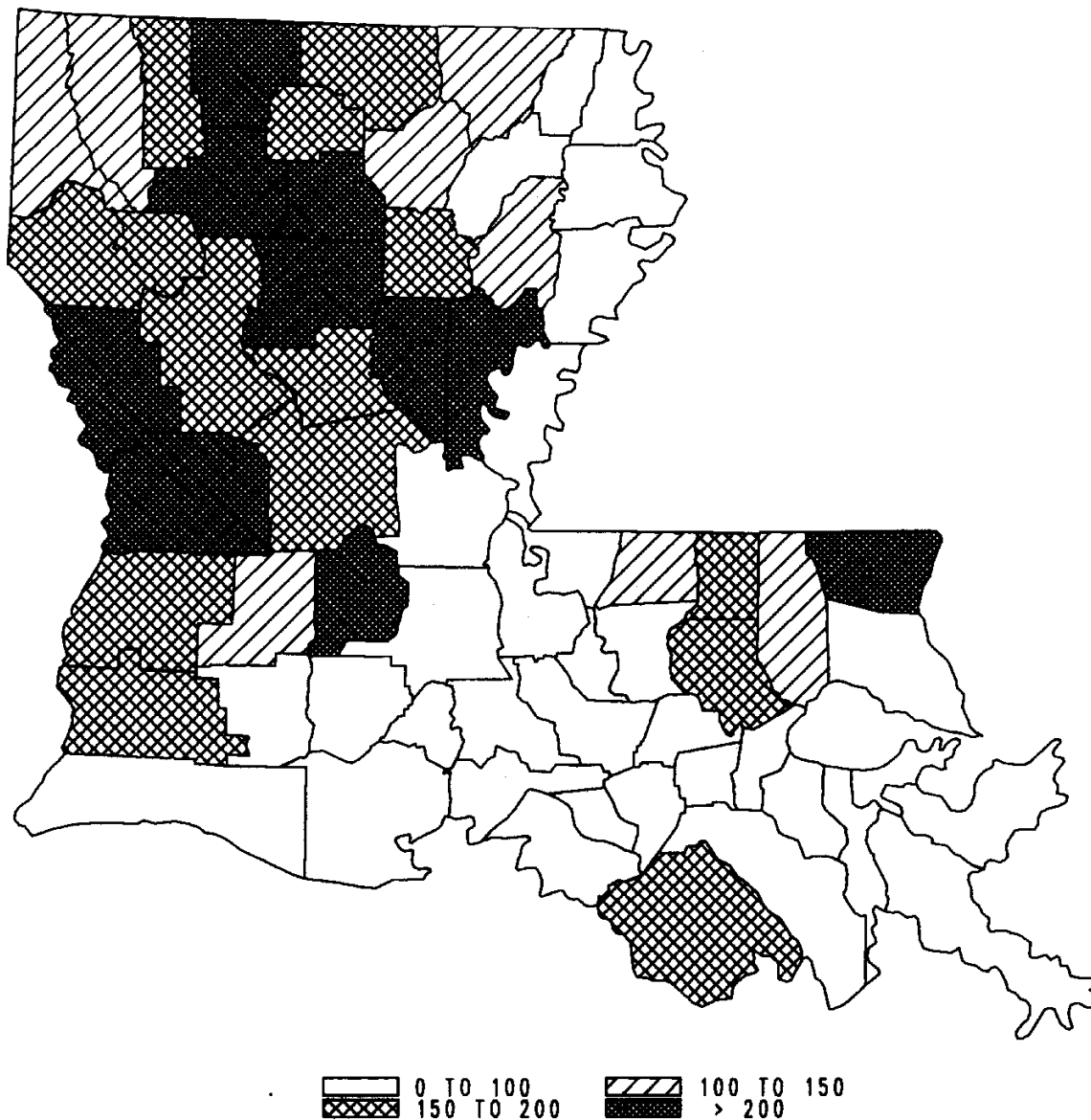


Figure 23.—Average number of live softwood trees per acre on timberland by parish, Louisiana, 1991.

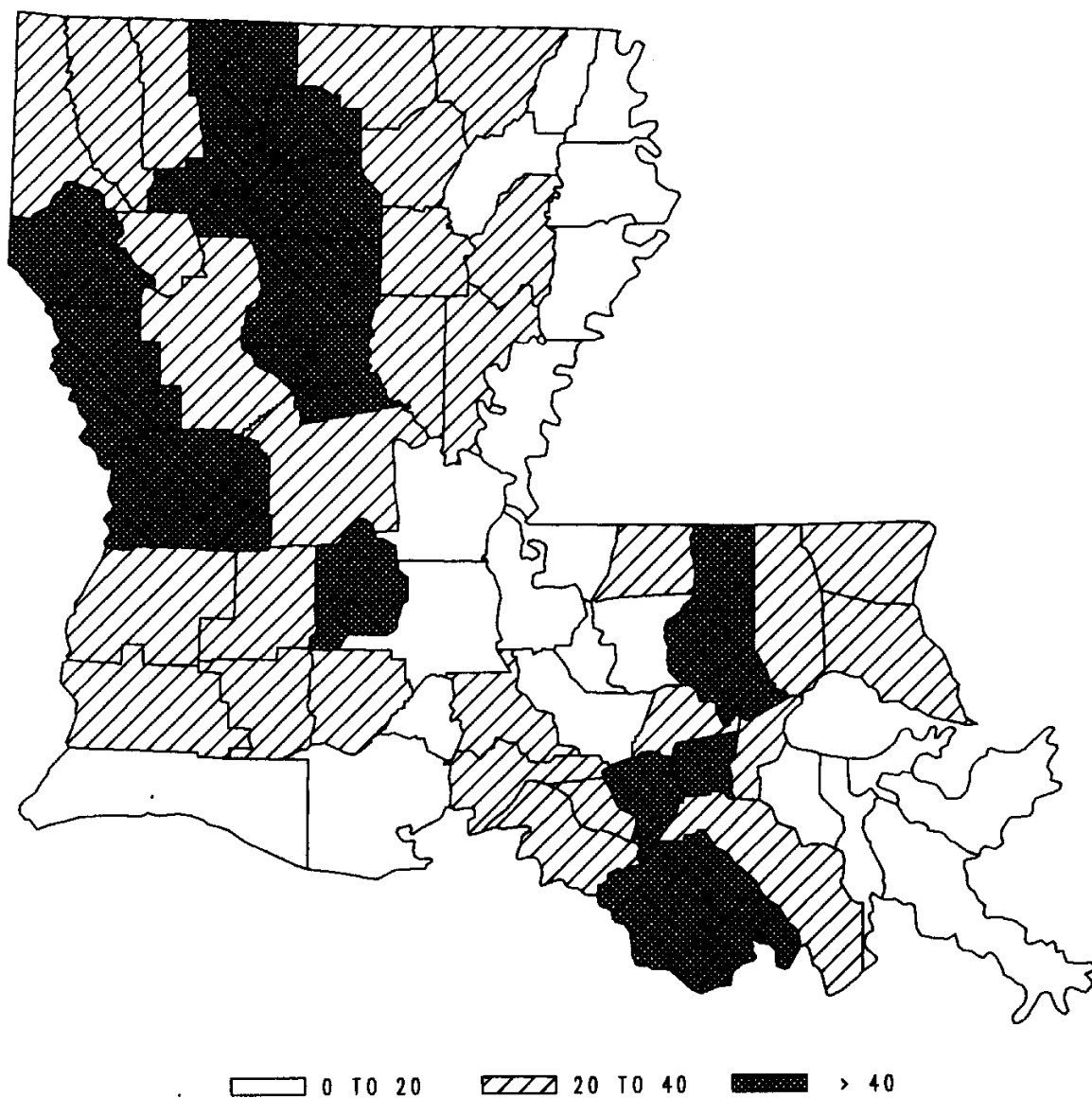


Figure 25,—Average softwood basal area per acre on timberland by parish, in square feet, Louisiana, 1991.

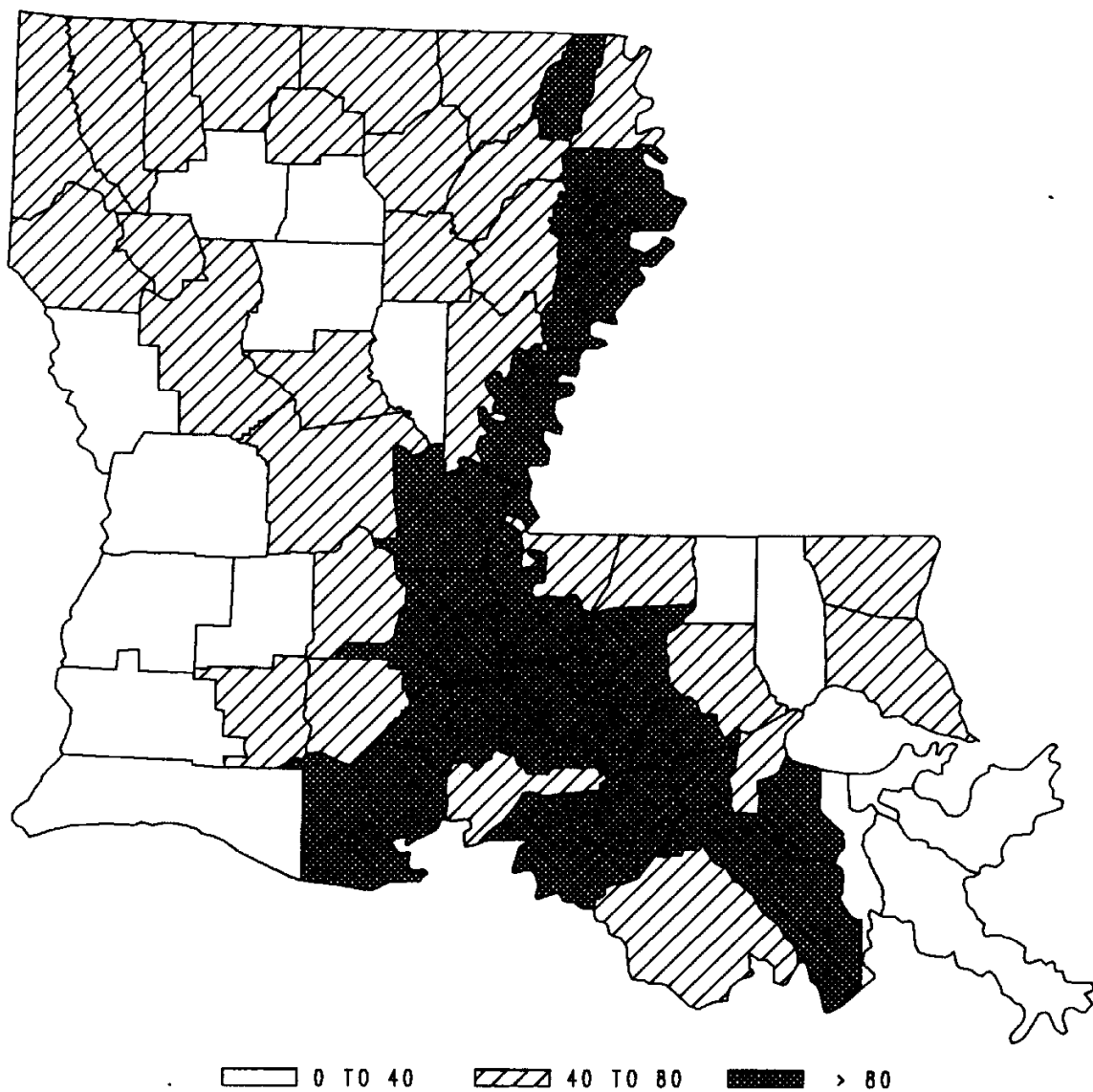


Figure 26.—Average hardwood basal area per acre on timberland by parish, in square feet, Louisiana, 1991

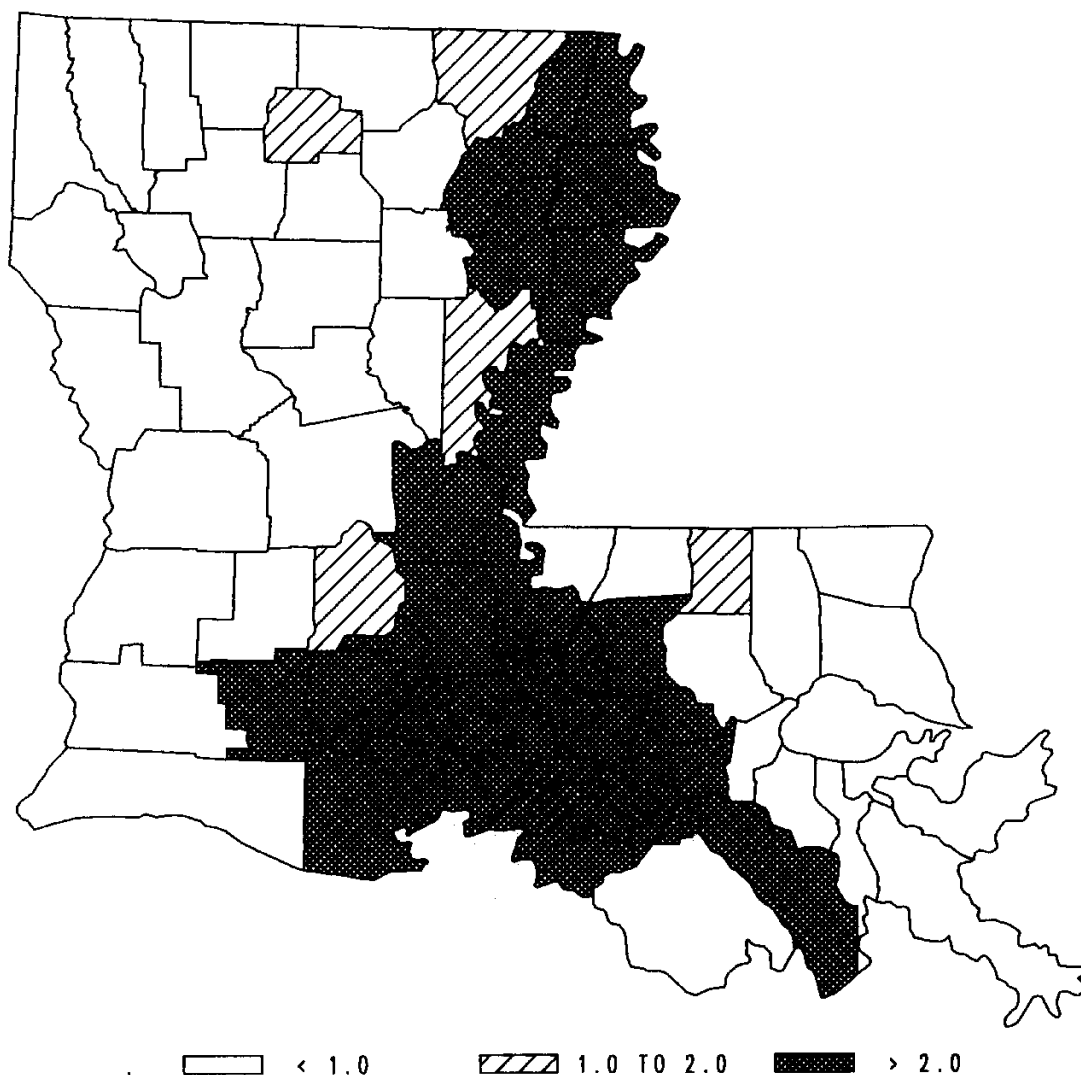


Figure 27.—Ratio of average net annual growth to average annual removals of growing stock for softwoods by parish, Louisiana, 1991. A value greater than 1.0 indicates more growth than removals; a value less than 1.0 indicates more removals than growth.

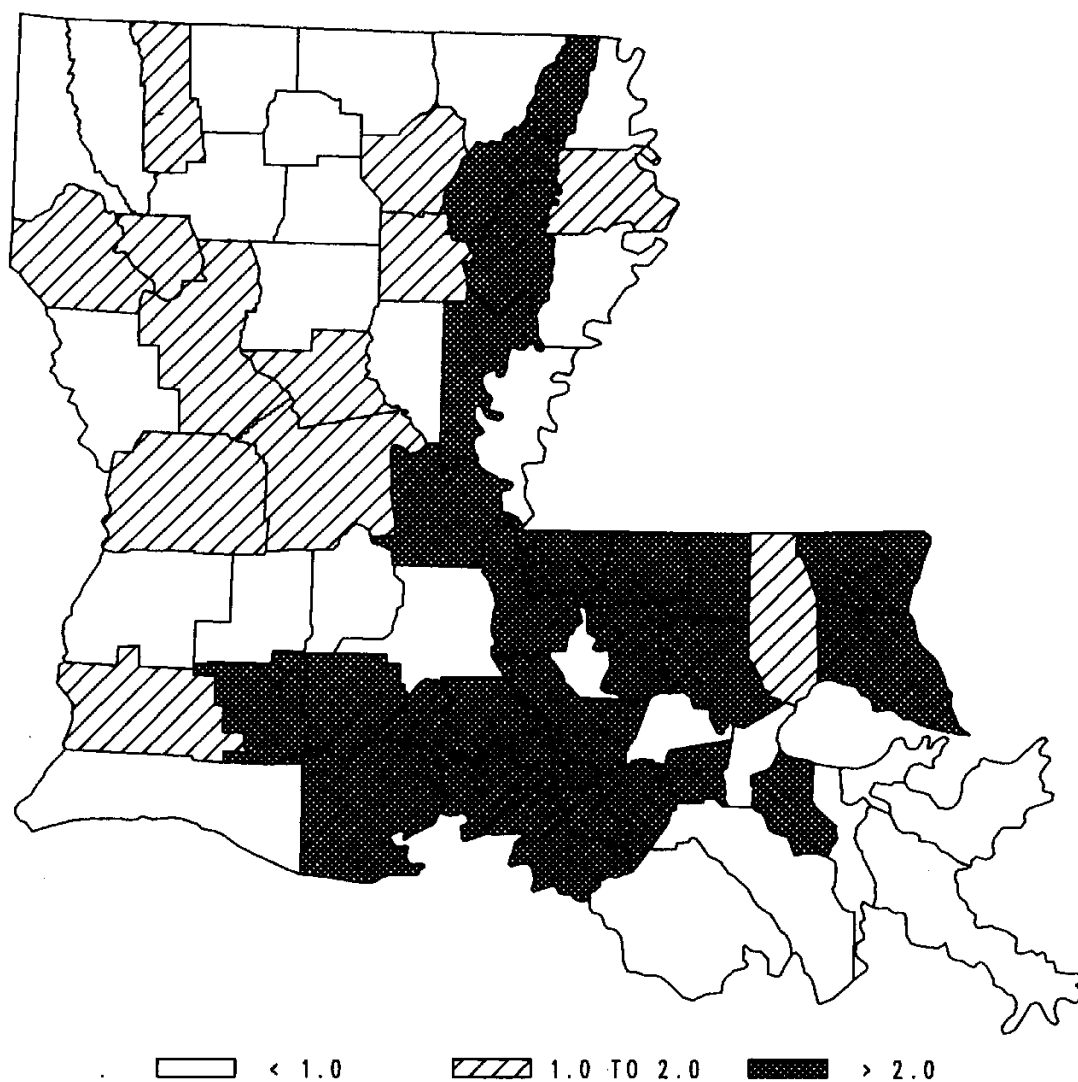


Figure 28.— *Ratio of average net annual growth to average annual removals of growing stock for hardwoods by parish, Louisiana, 1991. A value greater than 1.0 indicates more growth than removals; a value less than 1.0 indicates more removals than growth.*

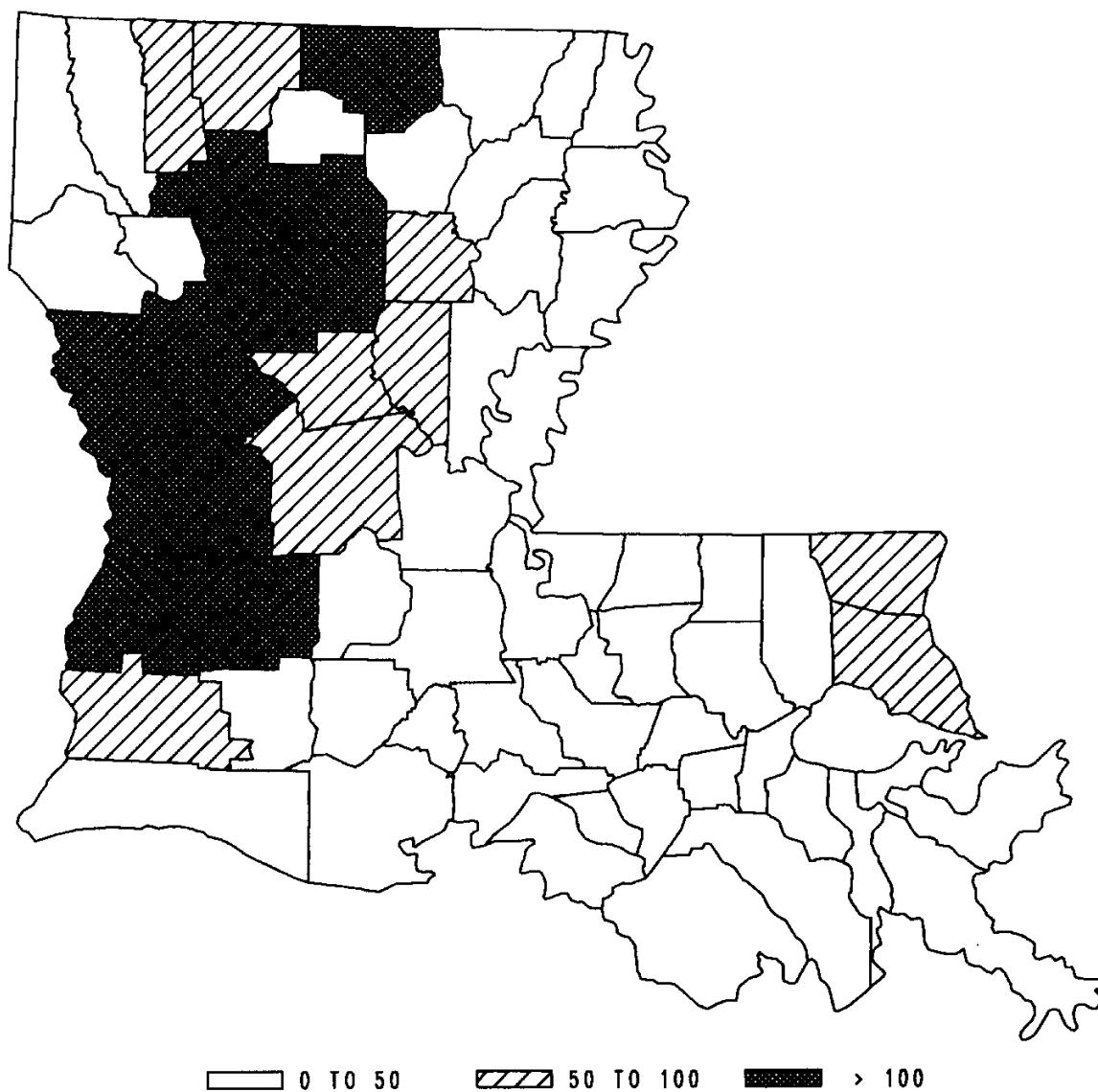


Figure 30.—Area of timberland with evidence of artificial regeneration by parish, in thousand acres, Louisiana, 1991.

Vissage, John S.; Miller, Patrick E.; Hartsell, Andrew J.
1992. *Forest statistics for Louisiana Parishes – 1991*.
Resour. Bull. SO-168. New Orleans, LA: U.S.
Department of Agriculture, Forest Service, Southern
Forest Experiment Station. 65 p.

Tabulates forest resource information from a new
inventory of the parishes of Louisiana.

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

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