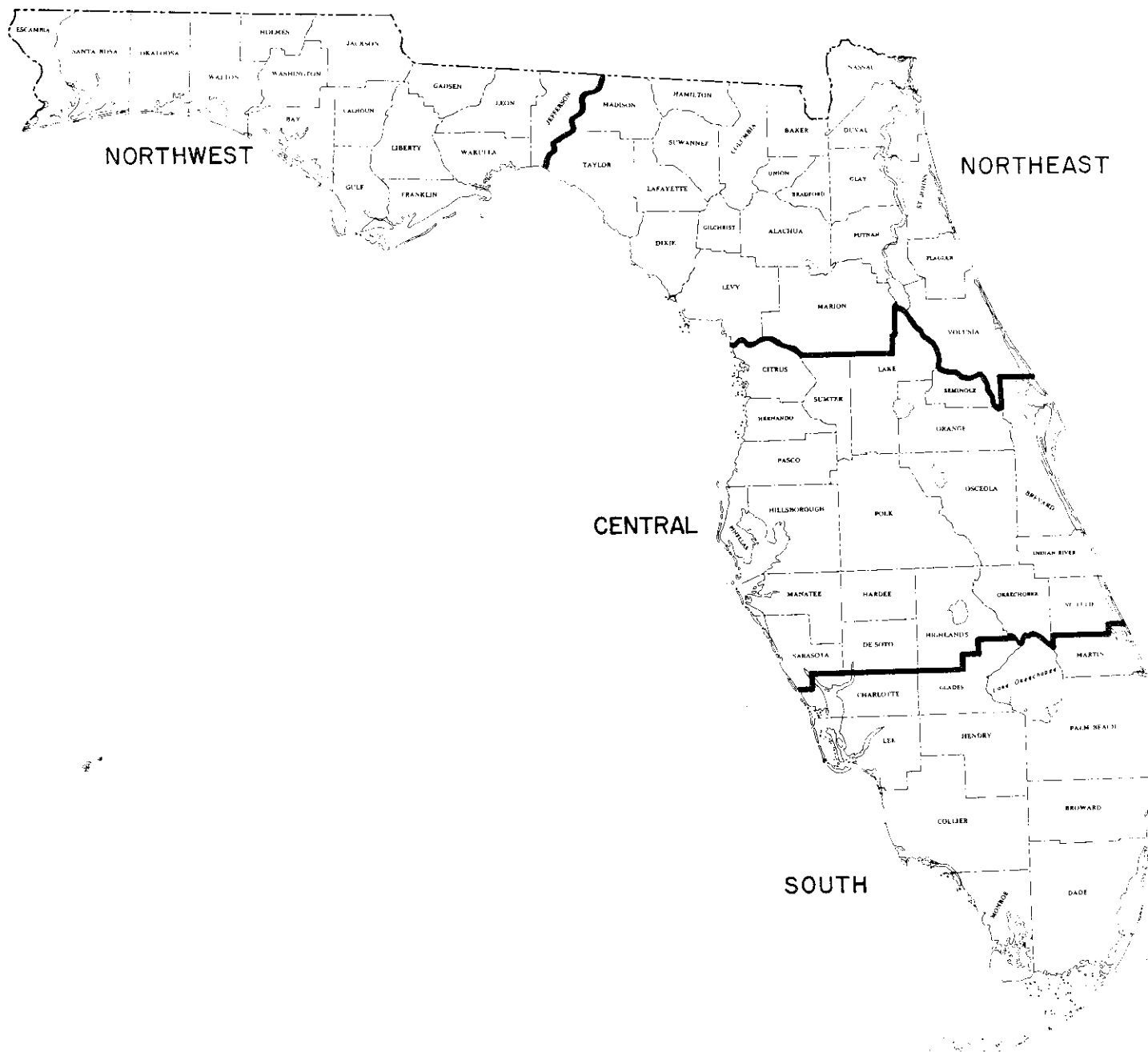


Forest Service



Resource Bulletin
SE-58

FOREST STATISTICS FOR FLORIDA, 1980



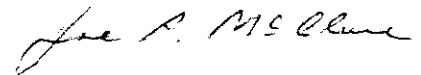
FOREWORD

This report highlights the principal findings of the fifth inventory of Florida's forests. Fieldwork began in September 1978 and was completed in May 1980. Four previous surveys, completed in 1936, 1949, 1959, and 1970, provide statistics for measuring changes and trends over the past 44 years. The primary emphasis in this report is on the changes and trends since 1970. Previously reported figures have been adjusted to provide the best estimate of change.

Renewable Resources Evaluation (formerly Forest Survey) is authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. The inventory is a continuing nationwide undertaking by the regional experiment stations of the Forest Service, USDA. In Florida, Georgia, North Carolina, South Carolina, and Virginia, Renewable Resources Evaluation is administered through the Southeastern Forest Experiment Station, with headquarters in Asheville, North Carolina. The primary objective of the survey is to periodically inventory and evaluate the forest and related resources. These inventories provide information on the extent and condition of forest lands, volume of timber, and rates of timber growth and removals. These evaluations help provide a basis for the formulation of forest policies and programs and for the orderly development and use of the resources.

Reports for three survey units in Florida, USDA Forest Service Resource Bulletins SE-52, SE-53, and SE-55, have been issued for the Northwest, Northeast, and Central Units, respectively. The report for the South Florida Unit is being published and distributed along with this report. An in-depth State analytical report dealing with timber resources should be available in late 1981.

The Southeastern Station gratefully acknowledges the cooperation of the Division of Forestry, Florida Department of Agriculture and Consumer Services. Appreciation is also expressed for the excellent cooperation of other public agencies, forest industry, and private landowners in providing information and access to the sample locations.



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July 1981
Southeastern Forest Experiment Station
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Forest Statistics for Florida, 1980

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HOW THE INVENTORY IS MADE

The method of the inventory is a sampling procedure designed to provide reliable statistics primarily at the State and Survey Unit levels. Individual county statistics are presented so that any combination of counties may be added together until a total is large enough to meet the desired degree of reliability. Procedures were as follows:

1. In the Northeast, Northwest, and Central Units, initial estimates of forest and nonforest areas were based on the classification of 69,766 sample clusters systematically spaced on the latest aerial photographs available. A subsample of 9,566 of the 16-point clusters was ground-checked, and a linear regression was fitted to the data to develop the relationship between the photo and ground classification of the subsample. This procedure provides a means for adjusting the initial estimates of area for change in land use since date of photography and for photo misclassifications. In the South Florida Unit a variety of unique land types, and incomplete photo coverage, made aerial photograph interpretation unreliable, so a different method of land use classification was employed. Estimates of forest and nonforest areas were determined from direct aerial observations along 27 east-west flight lines spaced at 5-mile intervals. The flight lines were selected systematically from a random start and flown perpendicularly to the direction of primary drainage. From an altitude of 500 feet above the ground, observers classified the land use at 24,471 sample points along the flight lines. An interval timer was used to locate the sample plots. Due to the unique geographical layout of the Keys, gross area estimates were made by planimeter of the U.S. Geographical Survey boundaries as transferred from maps onto aerial photographs. The breakdown of gross acreage into detailed land use was based upon the ground classification of 45 sample locations.

2. Estimates of timber volume and forest classifications were based on measurements recorded at 4,680 ground sample locations systematically distributed within the commercial forest land. The plot design at each location was based on a cluster of 10 points. In most cases, variable plots, using a basal-area factor of 37.5 square feet per acre, were systematically spaced within a single forest condition at 5 of the 10 cluster points. Trees less than 5 inches d.b.h. were tallied on a fixed-radius plot around each point center.

3. Equations prepared from detailed measurements of standing trees in Florida, and similar measurements taken throughout the Southeast, were used to compute the volumes of individual tally trees. A mirror caliper and sectional aluminum poles were used to obtain the additional measurements on these standing trees required to construct volume equations.

4. Felled trees were measured at 97 active cutting operations throughout the State. These data will be used to supplement the standing-tree volume data and to generate utilization factors for product and species groups.

5. Estimates of growth, removals, and mortality were determined from the remeasurement of 4,614 permanent sample plots established in the fourth survey.

6. Ownership information was collected from correspondence, public records, and local contacts. In those counties where the sample missed a particular ownership class, temporary sample plots were added on these lands.

7. All field data were sent to Asheville for editing and were punched into cards and stored for machine computing, sorting, and tabulation. Final estimates were based on statistical summaries of the data.

RELIABILITY OF THE DATA

Statistical analysis of these data indicates the following sampling errors in terms of one standard error (two times out of three):

	<i>Percent</i>
Per million acres of commercial forest land	2.76
Per billion cubic feet of growing stock	6.46
Per billion cubic feet of net annual growth	1.48
Per billion cubic feet of annual removals	2.85

Sampling errors for county and unit totals,¹ in terms of one standard error

County	Commercial forest area	Cubic-foot volume of growing stock		
		Inventory	Growth	Removals
----- Sampling error ² -----				
Alachua	2.53	12.03	12.98	22.25
Baker	.98	10.68	9.83	20.95
Bay	2.05	14.09	11.21	27.92
Bradford	2.92	17.93	19.84	25.28
Brevard	6.34	18.10	19.79	58.62
Broward	0	0	0	0
Calhoun	1.57	11.55	11.70	32.92
Charlotte	13.62	28.68	30.04	71.41
Citrus	3.00	16.41	22.30	40.28
Clay	1.87	13.23	11.56	38.79
Collier	9.12	16.72	15.95	42.12
Columbia	1.62	9.36	8.86	27.96
Dade	0	0	0	0
De Soto	8.24	31.91	29.18	69.31
Dixie	1.19	11.10	9.77	19.56
Duval	2.41	11.33	11.48	27.43
Escambia	2.13	10.90	11.01	24.74
Flagler	2.55	13.86	11.42	23.07
Franklin	1.50	18.14	15.29	25.64
Gadsden	2.30	13.10	14.46	24.06
Gilchrist	3.82	19.09	18.00	44.09
Glades	7.30	31.67	20.40	69.67
Gulf	2.40	16.46	12.98	33.97
Hamilton	2.79	13.35	12.96	25.78
Hardee	6.04	16.66	20.36	0
Hendry	17.84	27.70	23.10	45.39
Hernando	3.52	16.12	15.70	39.18
Highlands	6.67	23.15	26.42	71.72
Hillsborough	5.53	17.80	16.39	43.22
Holmes	2.10	13.55	15.03	21.62
Indian River	10.34	42.36	30.25	100.53
Jackson	2.30	10.93	11.01	20.31
Jefferson	2.18	9.76	9.88	26.99
Lafayette	1.70	12.87	12.41	34.32
Lake	3.24	11.15	11.20	30.09
Lee	18.99	35.93	22.98	50.27
Leon	3.47	9.61	8.83	22.19
Levy	1.59	9.74	9.70	18.38
Liberty	.51	9.78	8.59	29.12
Madison	2.04	14.48	11.42	19.39
Manatee	7.33	36.44	33.89	0
Marion	1.51	8.80	8.37	22.96
Martin	22.59	47.69	52.95	101.96
Monroe	0	0	0	0
Nassau	1.74	9.80	9.46	18.98
Okaloosa	1.45	10.66	10.27	24.81
Okeechobee	8.97	22.58	28.35	100.30
Orange	4.49	14.25	14.01	36.09
Osceola	4.27	12.51	10.60	32.49
Palm Beach	0	0	0	0
Pasco	4.36	14.08	12.93	46.85
Pinellas	12.89	46.54	45.90	53.25
Polk	3.86	12.02	11.42	27.09
Putnam	1.59	13.23	10.60	31.87
St. Johns	2.64	10.82	10.27	28.35
St. Lucie	9.46	25.96	33.92	46.03
Santa Rosa	1.44	8.65	8.28	22.00
Sarasota	8.85	21.63	26.49	44.79
Seminole	5.55	19.66	16.16	50.24
Sumter	4.07	14.61	14.26	38.69
Suwannee	2.70	15.33	16.61	25.19
Taylor	1.12	8.36	8.59	17.54
Union	3.68	16.18	14.08	34.78
Volusia	1.64	9.24	8.98	25.92
Wakulla	1.23	10.80	11.04	24.24
Walton	1.83	9.26	8.36	21.01
Washington	2.00	14.86	16.48	28.55
Total	.70	1.75	1.67	3.88

¹Sampling error of breakdowns of county and unit totals may be computed with the following formula:

$$E = \frac{(SE) \sqrt{(\text{Specified volume or area})}}{\sqrt{(\text{Volume or area total in question})}}$$

Where: E = Sampling error of the volume or area total in question.

SE = Specified sampling error in table.

²By random sampling formula (in percent).

DEFINITIONS OF TERMS

Acceptable trees.--Growing-stock trees of commercial species that meet specified standards of size and quality, but not qualifying as desirable trees.

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 as square feet of basal area per acre.

Commercial forest land.--Forest land producing or capable of producing crops of industrial wood and not withdrawn from timber utilization.

Commercial species.--Tree species presently or prospectively suitable for industrial wood products.

Cropland.--Land under cultivation within the past 24 months, including orchards and land in soil-improving crops, but excluding land cultivated in developing improved pasture. Also includes idle farmland.

Desirable trees.--Growing-stock trees of commercial species having no serious defects in quality limiting present or prospective use for timber products, of relatively high vigor, and containing no pathogens that may result in death or serious deterioration before rotation age.

Diameter class.--A classification of trees based on diameter outside bark, measured at breast height (4-1/2 feet above the ground). D.b.h. is the common abbreviation for "diameter at breast height." Two-inch diameter classes are commonly used in Forest Survey, with the even inch the approximate midpoint for a class. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h., inclusive.

Farm.--Lands on which agriculture operations are being conducted and sale of agriculture products totaled \$1,000 or more during the year.

Farm operator.--A person who operates a farm, either doing the work himself or directly supervising the work.

Farmer-owned lands.--Lands owned by farm operators.

Forest industry lands.--Lands owned by companies or individuals operating wood-using plants.

Forest land.--Land at least 16.7 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use.

Forest type.--A classification of forest land based upon the species forming a plurality of live-tree stocking.

Longleaf-slash pine.--Forests in which longleaf or slash pine, singly or in combination, comprises a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Loblolly-shortleaf pine.--Forests in which loblolly pine, shortleaf pine, or other southern yellow pines, except longleaf or slash pine, singly or in combination, comprise a plurality of the stocking. (Common associates include oak, hickory, and gum.)

Oak-pine.--Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking but in which pines comprise 25 to 50 percent of the stocking. (Common associates include gum, hickory, and yellow-poplar.)

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

Oak-gum-cypress.--Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, comprises a plurality of the stocking, except where pines comprise 25 to 50 percent, in which case the stand would be classified oak-pine. (Common associates include cottonwood, willow, ash, elm, hackberry, and maple.)

Elm-ash-cottonwood.--Forests in which elm, ash, or cottonwood, singly or in combination, comprises a plurality of the stocking. (Common associates include willow, sycamore, beech, and maple.)

Gross growth.--Annual increase in net volume of trees in the absence of cutting and mortality.

Growing-stock trees.--Live trees of commercial species qualifying as desirable or acceptable trees.

Growing-stock volume.--Net volume in cubic feet of growing-stock trees 5.0 inches d.b.h. and over from a 1-foot stump to a minimum 4.0-inch top diameter outside bark of the central stem, or to the point where the central stem breaks into limbs. (Net volume in primary forks is included.)

Hardwoods.--Dicotyledonous trees, usually broad-leaved and deciduous.

Soft hardwoods.--Soft-textured hardwoods such as boxelder, red and silver maple, buckeye, hackberry, loblolly-bay, silverbell (in mountains), butternut, sweetgum, yellow-poplar, cucumbertree, magnolia, sweetbay, water tupelo, blackgum, sycamore, cottonwood, black cherry, willow, basswood, and elm.

Hard hardwoods.--Hard-textured hardwoods such as Florida and sugar maple, birch, hickory, dogwood, persimmon (forest grown), beech, ash, honeylocust, holly, black walnut, mulberry, all commercial oaks, and black locust.

Idle farmland.--Includes former croplands, orchards, improved pastures and farm sites not tended within the past 2 years, and presently less than 16.7 percent stocked with trees.

Improved pasture.--Land currently improved for grazing by cultivation, seeding, irrigation, or clearing of trees or brush.

Industrial wood.--All roundwood products except fuelwood.

Land area.--The area of dry land and land temporarily or partly covered by water such as marshes, swamps, and river flood plains (omitting tidal flats below mean high tide); streams, sloughs, estuaries, and canals less than 1/8 of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres in area.

Logging residues.--The unused portions of trees cut or killed by logging.

Miscellaneous Federal lands.--Federal lands other than National Forests, lands administered by the Bureau of Land Management, and Indian lands.

Miscellaneous private lands - corporate.--Lands owned by private corporations other than forest industry.

Miscellaneous private lands - individual.--Privately owned lands other than forest-industry, farmer-owned, or corporate lands.

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

National Forest land.--Federal lands which have been legally designated as National Forests or purchase units, and other lands under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III lands.

Net annual growth.--The increase in volume for a specific year.

Net volume.--Gross volume less deductions for rot, sweep, or other defect affecting use for timber products.

Noncommercial forest land.--(a) Unproductive forest land incapable of yielding crops of industrial wood because of adverse site conditions, and (b) productive-reserved forest land.

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.

Nonforest land.--Land that has never supported forests and lands formerly forested where timber management is precluded by development for other uses.

Nonstocked land.--Commercial forest land less than 16.7 percent stocked with growing-stock trees.

Other Federal lands.--Federal lands other than National Forests, including lands administered by the Bureau of Land Management, Bureau of Indian Affairs, and other Federal agencies.

Other public lands.--Publicly owned lands other than National Forests.

Overstocked areas.--Areas where growth of trees is significantly reduced by excessive numbers of trees.

Poletimber trees.--Growing-stock trees of commercial species at least 5.0 inches in d.b.h. but smaller than sawtimber size.

Productive-reserved forest land.--Forest land sufficiently productive to qualify as commercial forest land, but withdrawn from timber utilization through statute or administrative designation.

Rangeland.--Land on which the natural plant cover is composed principally of native grasses, forbs, or shrubs valuable for forage.

Rotten trees.--Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of rot or missing sections, and with less than one-third of the gross tree volume in sound material.

Rough trees.--(a) Live trees of commercial species that do not contain at least one 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, now or prospectively, primarily because of roughness, poor form, splits, and cracks, and with less than one-third of the gross tree volume in sound material; and (b) all live trees of noncommercial species.

Salvable dead trees.--Standing or down dead trees that are considered merchantable by Forest Survey standards.

Saplings.--Live trees 1.0 to 5.0 inches in diameter at breast height.

Saw log.--A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum diameter inside bark for softwoods of 6 inches (8 inches for hardwoods).

Saw-log portion.--That part of the bole of sawtimber trees between the stump and the saw-log top.

Saw-log top.--The point on the bole of sawtimber trees above which a saw log cannot be produced. The minimum saw-log top is 7.0 inches d.o.b. for softwoods and 9.0 inches d.o.b. for hardwoods.

Sawtimber trees.--Live trees of commercial species containing at least a 12-foot saw log, or two noncontiguous saw logs, each 8 feet or longer, and with at least one-third of the gross board-foot volume between the 1-foot stump and minimum saw-log top being sound. Softwoods must be at least 9.0 inches and hardwoods at least 11.0 inches in diameter at breast height.

Sawtimber volume.--Net volume of the saw-log portion of live sawtimber in board-foot International 1/4-inch rule.

Seedlings.--Live trees less than 1.0 inch in diameter at breast height that are expected to survive and develop.

Site class.--A classification of forest land in terms of inherent capacity to grow crops of industrial wood based on fully stocked natural stands.

Class 1.--Sites capable of producing 165 or more cubic feet per acre annually.

Class 2.--Sites capable of producing 120 to 165 cubic feet per acre annually.

Class 3.--Sites capable of producing 85 to 120 cubic feet per acre annually.

Class 4.--Sites capable of producing 50 to 85 cubic feet per acre annually.

Class 5.--Sites incapable of producing 50 cubic feet per acre annually, but excluding unproductive sites.

Softwoods.--Coniferous trees, usually evergreen, having needles or scale-like leaves.

Pines.--Yellow pine species which include loblolly, longleaf, slash, shortleaf, pitch, Virginia, Table Mountain, sand, and spruce pine.

Other softwoods.--White pine, hemlock, cypress, eastern redcedar, white-cedar, spruce, and fir.

Stand-size class.--A classification of forest land based on the size class of growing-stock trees on the area.

Sawtimber stands.--Stands at least 16.7 percent stocked with growing-stock trees, with half or more of total 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 growing-stock trees of which half or more of this stocking is in poletimber and sawtimber trees, and with poletimber stocking exceeding that of sawtimber.

Sapling-seedling stands.--Stands at least 16.7 percent stocked with growing-stock trees of which more than half of the stocking is saplings and seedlings.

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.

Stocking.--The degree of occupancy of land by trees, measured by basal area or the number of trees in a stand and spacing in the stand, compared to a minimum standard, depending on tree size, to fully utilize the growth potential of the land. (See page 12.)

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

Unproductive forest land.--Forest land incapable of producing 20 cubic feet per acre of industrial wood under natural conditions, because of adverse site conditions.

Upper-stem portion.--That part of the main stem or fork of sawtimber trees above the saw-log top to a minimum top diameter of 4.0 inches outside bark or to the point where the main stem or fork breaks into limbs.

Urban and other areas.--Areas within the legal boundaries of cities and towns; suburban areas developed for residential, industrial, or recreational purposes; school yards; cemeteries; roads; railroads; airports; beaches; powerlines and other rights-of-way; or other nonforest land not included in any other specified land use class.

STOCKING STANDARD

D.B.H. CLASS	MINIMUM NUMBER OF TREES PER ACRE FOR FULL STOCKING	MINIMUM BASAL AREA PER ACRE FOR FULL STOCKING	PERCENT STOCKING ASSIGNED EACH TALLY TREE ¹
SEEDLINGS	600	--	5.0
2	560	--	5.4
4	460	--	6.5
6	340	67	5.8
8	240	84	4.8
10	155	85	4.3
12	115	90	4.0
14	90	96	3.8
16	72	101	3.7
18	60	106	3.5
20	51	111	3.5

¹ STOCKING PERCENTAGES BASED ON TALLY AT ALL 10 POINTS OF A 10-POINT CLUSTER OF PLOTS. TREES LESS THAN 5 INCHES D.B.H. WERE TALLIED ON CIRCULAR, 1/300-ACRE PLOTS AT EACH POINT. TREES 5.0 INCHES D.B.H. AND LARGER WERE TALLIED ON VARIABLE PLOTS USING A BASAL AREA FACTOR OF 37.5 AT EACH SAMPLE POINT.

OVERSTOCKED--OVER 130 PERCENT
FULLY STOCKED--100-130 PERCENT
MEDIUM STOCKED--60-99 PERCENT
POORLY STOCKED--16.7-59 PERCENT
NONSTOCKED--LESS THAN 16.7 PERCENT

CUBIC FEET OF WOOD PER AVERAGE CORD (EXCLUDING BARK)

D.B.H. CLASS	ALL SPECIES	PINE	OTHER SOFTWOOD	HARDWOOD
6	61.6	61.0	68.2	60.0
8	69.5	68.1	76.0	68.4
10	74.6	73.1	81.4	73.4
12	77.9	76.7	85.2	76.4
14	80.3	79.4	88.1	78.4
16	81.9	81.6	90.4	79.8
18	83.0	83.4	92.3	80.8
20	83.8	84.8	93.8	81.5
22	84.5	86.0	95.2	82.1
24+	85.1	87.5	98.3	83.2
AVERAGE	74.4	71.9	81.8	74.3

COUNTY TABLES

THE COUNTY TABLES ARE INTENDED FOR USE IN COMPILING FOREST RESOURCE ESTIMATES FOR GROUPS OF COUNTIES. BECAUSE THE SAMPLING PROCEDURE USED BY THE FOREST SURVEY WAS INTENDED PRIMARILY TO FURNISH INVENTORY DATA FOR THE SURVEY UNIT AS A WHOLE, INDIVIDUAL COUNTY ESTIMATES HAVE LIMITED AND VARIABLE ACCURACY. AS COUNTY TOTALS ARE BROKEN DOWN BY VARIOUS SUBDIVISIONS, THE POSSIBILITY OF ERROR INCREASES AND IS GREATEST FOR THE SMALLEST ITEMS. THE ORDER OF THIS INCREASE CAN BE COMPUTED WITH THE FORMULA ON PAGE 5.

Table 1.--Area, by land class and county, 1980

County	All land ¹	Forest land				Nonforest land ²
		Total	Commercial forest	Unproductive forest	Productive- reserved	
----- Acres -----						
Alachua	592,947	320,684	309,353	--	11,331	272,263
Baker	373,733	331,860	331,542	--	318	41,873
Bay	493,392	423,722	421,111	2,030	581	69,670
Bradford	186,561	136,299	136,299	--	--	50,262
Brevard	658,846	128,103	119,334	8,739	30	530,743
Broward	777,502	32,473	--	32,473	--	745,029
Calhoun	363,441	301,612	301,612	--	--	61,829
Charlotte	458,729	111,561	65,648	45,913	--	347,168
Citrus	390,791	236,798	236,229	--	569	153,993
Clay	388,548	316,483	315,100	--	1,383	72,065
Collier	1,297,035	743,661	415,191	158,558	169,912	553,374
Columbia	511,587	371,622	366,138	1,096	4,388	139,965
Dade	1,250,756	209,959	--	186,872	23,087	1,040,797
De Soto	405,498	51,980	51,980	--	--	353,518
Dixie	453,981	395,155	395,155	--	--	58,826
Duval	496,061	279,380	277,344	1,359	677	216,681
Escambia	424,754	275,494	268,028	7,087	379	149,260
Flagler	315,108	253,582	250,483	1,345	1,754	61,526
Franklin	350,738	316,998	313,812	2,440	746	33,740
Gadsden	330,251	229,213	228,519	--	694	101,038
Gilchrist	224,901	141,989	141,989	--	--	82,912
Glades	570,440	99,717	88,904	10,813	--	470,723
Gulf	361,423	281,739	280,001	1,149	589	79,684
Hamilton	332,069	242,683	241,382	--	1,301	89,386
Hardee	408,445	86,999	86,492	--	507	321,446
Hendry	745,872	120,181	110,011	9,990	180	625,691
Hernando	313,240	179,228	179,228	--	--	134,012
Highlands	661,215	101,984	95,709	3,042	3,233	559,231
Hillsborough	670,891	145,958	134,226	7,391	4,341	524,933
Holmes	307,994	188,003	187,690	--	313	119,991
Indian River	320,367	44,071	36,925	7,146	--	276,296
Jackson	596,396	300,884	298,467	--	2,417	295,512
Jefferson	388,361	279,130	277,030	--	2,100	109,231
Lafayette	351,465	285,418	285,418	--	--	66,047
Lake	640,554	269,376	263,130	3,159	3,087	371,178
Lee	569,547	171,039	120,016	51,023	--	398,508
Leon	436,954	292,968	290,981	--	1,987	143,986
Levy	721,776	480,089	466,584	895	12,610	241,687
Liberty	536,385	516,581	515,494	--	1,087	19,804
Madison	457,788	297,382	297,353	--	29	160,406
Manatee	479,858	66,378	55,501	5,666	5,211	413,480
Marion	1,035,667	633,423	631,402	302	1,719	402,244
Martin	349,153	54,645	34,201	12,143	8,301	294,508
Monroe	645,715	372,589	--	309,204	63,385	273,126
Nassau	415,037	338,634	337,175	512	947	76,403
Okaloosa	598,961	471,489	470,230	627	632	127,472
Okeechobee	495,998	42,120	40,534	1,586	--	453,878
Orange	584,937	203,638	179,487	--	24,151	381,299
Osceola	867,706	202,656	193,644	--	9,012	665,050
Palm Beach	1,254,622	131,765	--	131,765	--	1,122,857
Pasco	483,683	163,832	163,497	157	178	319,851
Pinellas	180,310	32,054	23,061	7,677	1,316	148,256
Polk	1,191,263	271,189	254,021	14,438	2,730	920,074
Putnam	469,696	363,307	363,204	--	103	106,389
St Johns	396,909	292,696	288,592	2,672	1,432	104,213
St. Lucie	368,443	53,325	51,504	1,586	235	315,118
Santa Rosa	653,397	500,681	500,356	--	325	152,716
Sarasota	369,620	65,159	55,277	1,132	8,750	304,461
Seminole	199,572	90,968	89,037	--	1,931	108,604
Sumter	364,897	170,486	164,859	5,567	60	194,411
Suwannee	440,943	202,759	200,884	--	1,875	238,184
Taylor	668,092	595,277	588,605	6,664	8	72,815
Union	158,611	118,107	118,107	--	--	40,504
Volusia	726,145	517,786	502,361	11,017	4,408	208,359
Wakulla	395,507	340,201	315,027	--	25,174	55,306
Walton	683,559	544,768	541,959	2,633	176	138,791
Washington	387,383	301,899	301,744	--	155	85,484
Total	35,002,026	17,133,889	15,664,177	1,057,868	411,844	17,868,137

¹From U.S. Bureau of the Census and U.S. Geological Survey.²Includes 469,663 acres of water according to survey standards of area classification, but defined by the Geological Survey and Bureau of the Census as land.

Table 2.--Area of commercial forest land, by ownership class and county, 1980

County	All ownerships	Ownership class							
		National Forest	Misc. Federal	State	County and municipal	Forest industry ¹	Farmer	Miscellaneous private	
								Corporate	Individual
----- Acres -----									
Alachua	309,353	--	--	3,719	2,330	103,271	69,720	56,830	73,483
Baker	331,542	75,507	3,678	166	37	127,527	5,081	104,302	15,244
Bay	421,111	--	21,609	5,147	358	249,761	3,434	78,984	61,818
Bradford	136,299	--	--	8,029	994	62,065	23,208	9,676	32,327
Brevard	119,334	--	22,210	--	463	7,200	26,598	33,847	29,016
Broward	--	--	--	--	--	--	--	--	--
Calhoun	301,612	--	--	37	27	150,493	45,314	60,426	45,315
Charlotte	65,648	--	--	140	887	--	--	38,014	26,607
Citrus	236,229	--	3,233	40,804	342	--	13,714	84,885	93,251
Clay	315,100	--	640	45,047	927	80,168	23,402	73,027	91,889
Collier	415,191	--	--	--	2,530	--	153,435	52,903	206,323
Columbia	366,138	77,256	102	45	226	69,627	66,901	47,121	104,860
Dade	--	--	--	--	--	--	--	--	--
De Soto	51,980	--	31	731	130	--	20,435	22,989	7,664
Dixie	395,155	--	--	5	285	372,484	5,596	1,399	15,386
Duval	277,344	--	15,910	1,235	4,516	44,381	17,205	54,081	140,016
Escambia	268,028	--	3,017	855	88	80,006	18,920	79,464	85,678
Flagler	250,483	--	--	129	519	52,050	16,817	70,029	110,939
Franklin	313,812	21,969	7,320	9,734	766	247,665	2,512	2,512	21,334
Gadsden	228,519	--	--	9,948	146	82,575	67,923	38,207	29,720
Gilchrist	141,989	--	--	21	267	34,396	35,937	16,336	55,032
Glades	88,904	--	205	--	15	--	2,957	79,814	5,913
Gulf	280,001	--	464	15,773	35	221,220	2,501	27,505	12,503
Hamilton	241,382	--	--	27	28	87,799	30,552	8,729	114,247
Hardee	86,492	--	--	675	76	--	36,746	44,912	4,083
Hendry	110,011	--	6,100	--	46	--	31,160	67,512	5,193
Hernando	179,228	--	3,529	32,430	1,887	--	10,876	70,691	59,815
Highlands	95,709	--	22,500	978	355	--	11,980	35,937	23,959
Hillsborough	134,226	--	930	15,628	2,422	--	2,680	72,364	40,202
Holmes	187,690	--	499	175	434	55,843	81,269	--	49,470
Indian River	36,925	--	--	517	446	--	14,983	8,991	11,988
Jackson	298,467	--	5,209	744	73	62,896	83,472	48,691	97,382
Jefferson	277,030	--	2,200	--	348	133,324	66,925	15,628	58,605
Lafayette	285,418	--	--	36	426	189,618	37,167	10,137	48,034

Continued

Table 2.--Area of commercial forest land, by ownership class and county, 1980 (Continued)

County	All ownerships	Ownership class							
		National Forest	Misc. Federal	State	County and municipal	Forest industry ¹	Farmer	Miscellaneous private	
								Corporate	Individual
----- Acres -----									
Lake	263,130	64,104	280	13,180	356	318	35,952	66,767	82,173
Lee	120,016	--	--	--	--	--	38,405	38,407	43,204
Leon	290,981	103,938	--	6,735	2,147	44,590	49,704	43,488	40,379
Levy	466,584	--	--	51	691	235,730	29,230	66,155	134,727
Liberty	515,494	255,033	--	--	--	173,832	30,135	33,894	22,600
Madison	297,353	--	--	14	66	159,207	85,145	3,041	49,880
Manatee	55,501	--	--	88	--	--	12,315	27,708	15,390
Marion	631,402	252,595	3,000	24,957	1,053	70,898	64,102	113,727	101,070
Martin	34,201	--	--	45	247	--	2,422	14,533	16,954
Monroe	--	--	--	--	--	--	--	--	--
Nassau	337,175	--	28	2,287	1,034	174,538	3,659	13,955	141,674
Okaloosa	470,230	--	209,540	59,457	822	44,358	13,304	19,957	122,792
Okeechobee	40,534	--	--	187	--	--	27,933	6,207	6,207
Orange	179,487	--	540	200	854	--	18,402	88,949	70,542
Osceola	193,644	--	--	5,900	314	--	39,600	110,873	36,957
Palm Beach	--	--	--	--	--	--	--	--	--
Pasco	163,497	--	--	21,780	1,881	29,169	33,203	44,263	33,201
Pinellas	23,061	--	--	--	573	--	4,497	13,493	4,498
Polk	254,021	--	15,000	17,965	1,862	--	49,029	115,366	54,799
Putnam	363,204	20,689	4,463	7,490	639	71,447	14,888	115,381	128,207
St. Johns	288,592	--	--	--	258	74,161	6,895	59,482	147,796
St. Lucie	51,504	--	--	76	158	--	3,016	39,207	9,047
Santa Rosa	500,356	--	60,467	119,110	909	166,743	25,943	31,713	95,471
Sarasota	55,277	--	--	--	44	--	2,301	27,619	25,313
Seminole	89,037	--	157	--	1,188	--	19,802	25,456	42,434
Sumter	164,859	--	110	53,522	--	5,360	24,010	48,016	33,841
Suwannee	200,884	--	--	--	496	25,111	77,777	38,043	59,457
Taylor	588,605	--	--	106	275	519,818	3,420	1,710	63,276
Union	118,107	--	--	5,256	350	71,833	19,926	3,322	17,420
Volusia	502,361	--	9,370	7,975	1,668	78,842	30,978	182,427	191,101
Wakulla	315,027	134,666	31,732	88	32	55,903	16,837	21,049	54,720
Walton	541,959	--	136,133	136	95	127,200	68,551	46,900	162,944
Washington	301,744	--	--	2,155	241	53,375	73,697	98,262	74,014
Total	15,664,177	1,005,757	590,206	541,535	40,682	4,696,802	1,954,498	2,975,313	3,859,384

¹Not including 740,321 acres of farmer-owned and miscellaneous private lands leased to forest industry.

Table 3.--Area of commercial forest land, by forest-type group and county, 1980

County	All type groups	Forest-type group								
		White pine-hemlock	Spruce-fir	Longleaf-slash	Loblolly-shortleaf	Oak-pine	Oak-hickory	Oak-gum-cypress ¹	Elm-ash-cotton-wood	Maple-beech-birch
		----- Acres -----								
Alachua	309,353	--	--	150,508	1,255	31,446	74,712	51,432	--	--
Baker	331,542	--	--	217,285	--	12,526	3,644	98,087	--	--
Bay	421,111	--	--	311,333	23,312	28,009	30,315	28,142	--	--
Bradford	136,299	--	--	63,269	8,467	25,869	15,524	23,170	--	--
Brevard	119,334	--	--	48,982	9,672	--	11,696	48,984	--	--
Broward	--	--	--	--	--	--	--	--	--	--
Calhoun	301,612	--	--	154,250	13,694	39,460	34,238	44,862	15,108	--
Charlotte	65,648	--	--	39,040	--	3,801	--	22,807	--	--
Citrus	236,229	--	--	51,132	5,486	42,413	79,472	49,008	8,718	--
Clay	315,100	--	--	152,189	28,405	15,032	56,810	62,664	--	--
Collier	415,191	--	--	79,353	--	15,872	5,291	309,384	5,291	--
Columbia	366,138	--	--	208,431	3,818	14,195	50,361	89,333	--	--
Dade	--	--	--	--	--	--	--	--	--	--
De Soto	51,980	--	--	10,216	--	2,554	12,805	26,405	--	--
Dixie	395,155	--	--	178,781	14,189	26,231	52,544	123,410	--	--
Duval	277,344	--	--	145,541	20,369	33,004	37,851	40,579	--	--
Escambia	268,028	--	--	152,269	11,943	59,628	15,136	25,267	3,785	--
Flagler	250,483	--	--	138,818	6,288	28,165	11,081	66,131	--	--
Franklin	313,812	--	--	213,763	3,538	17,430	24,203	54,878	--	--
Gadsden	228,519	--	--	35,349	40,629	41,351	58,829	52,361	--	--
Gilchrist	141,989	--	--	72,595	--	3,267	46,842	19,285	--	--
Glades	88,904	--	--	47,297	--	2,956	--	38,651	--	--
Gulf	280,001	--	--	170,482	6,382	16,643	--	86,494	--	--
Hamilton	241,382	--	--	133,204	13,771	22,051	18,884	53,472	--	--
Hardee	86,492	--	--	16,331	--	8,166	4,834	57,161	--	--
Hendry	110,011	--	--	51,932	--	5,193	5,239	47,647	--	--
Hernando	179,228	--	--	30,898	19,033	26,292	78,986	24,019	--	--
Highlands	95,709	--	--	28,473	--	7,986	10,486	48,764	--	--
Hillsborough	134,226	--	--	17,010	5,102	16,080	21,442	74,592	--	--
Holmes	187,690	--	--	44,222	27,306	10,490	41,370	64,302	--	--
Indian River	36,925	--	--	15,429	--	8,991	5,994	6,511	--	--
Jackson	398,467	--	--	60,422	35,088	20,941	107,382	71,156	3,478	--
Jefferson	277,030	--	--	61,586	29,663	30,458	52,705	102,618	--	--
Lafayette	285,418	--	--	115,486	27,074	37,218	31,190	74,450	--	--

Continued

Table 3.--Area of commercial forest land, by forest-type group and county, 1980 (Continued)

County	All type groups	Forest-type group								
		White pine- hemlock	Spruce- fir	Longleaf- slash	Loblolly- shortleaf	Oak- pine	Oak- hickory	Oak-gum- cypress ¹	Elm-ash- cotton- wood	Maple- beech- birch
		----- Acres -----								
Lake	263,130	--	--	63,048	39,163	33,368	25,673	94,178	7,700	--
Lee	120,016	--	--	72,009	--	4,800	4,801	38,406	--	--
Leon	290,981	--	--	133,997	39,874	32,978	31,151	49,875	3,106	--
Levy	466,584	--	--	183,289	6,959	55,698	103,778	113,631	3,229	--
Liberty	515,494	--	--	247,585	36,690	31,471	20,906	178,842	--	--
Madison	297,353	--	--	106,699	27,341	25,827	54,762	82,724	--	--
Manatee	55,501	--	--	9,235	6,158	3,078	9,236	27,794	--	--
Marion	631,402	--	--	125,705	232,649	64,730	141,971	62,576	3,771	--
Martin	34,201	--	--	14,824	--	2,423	4,844	12,110	--	--
Monroe	--	--	--	--	--	--	--	--	--	--
Nassau	337,175	--	--	151,733	24,810	39,743	10,808	110,081	--	--
Okaloosa	470,230	--	--	196,149	54,669	87,754	70,768	60,890	--	--
Okeechobee	40,534	--	--	12,415	--	--	--	25,016	3,103	--
Orange	179,487	--	--	44,533	24,536	6,134	15,335	88,949	--	--
Osceola	193,644	--	--	34,320	5,279	10,559	21,120	122,366	--	--
Palm Beach	--	--	--	--	--	--	--	--	--	--
Pasco	163,497	--	--	28,574	--	14,177	43,258	77,488	--	--
Pinellas	23,061	--	--	9,568	--	8,996	--	4,497	--	--
Polk	254,021	--	--	51,095	2,885	20,188	32,847	141,238	5,768	--
Putnam	363,204	--	--	174,220	40,852	29,957	69,422	48,753	--	--
St. Johns	288,592	--	--	134,390	25,855	16,639	17,499	94,209	--	--
St. Lucie	51,504	--	--	27,219	3,016	3,016	--	18,253	--	--
Santa Rosa	500,356	--	--	317,753	9,100	68,981	26,322	78,200	--	--
Sarasota	55,277	--	--	20,714	--	2,301	2,301	29,961	--	--
Seminole	89,037	--	--	17,129	--	19,802	19,801	32,305	--	--
Sumter	164,859	--	--	37,992	12,003	12,922	34,351	65,361	2,230	--
Suwannee	200,884	--	--	80,042	9,511	15,789	76,520	19,022	--	--
Taylor	588,605	--	--	300,615	40,843	10,164	38,527	198,456	--	--
Union	118,107	--	--	71,862	--	2,763	9,964	32,704	814	--
Volusia	502,361	--	--	209,422	58,515	46,101	30,978	157,345	--	--
Wakulla	315,027	--	--	162,025	39,181	19,670	52,583	41,568	--	--
Walton	541,959	--	--	205,053	95,593	52,749	101,427	87,137	--	--
Washington	301,744	--	--	81,309	39,159	27,637	62,452	91,187	--	--
Total	15,664,177	--	--	6,540,399	1,229,125	1,424,133	2,133,271	4,271,148	66,101	--

¹Includes 274,282 acres of palm and other tropical forest types.

Table 4.--Area of commercial forest land, by stand-size class and county, 1980

County	All stands	Stand-size class			Nonstocked areas
		Sawtimber	Poletimber	Sapling-seedling	
----- Acres -----					
Alachua	309,353	60,859	108,180	111,901	28,413
Baker	331,542	104,688	82,410	117,516	26,928
Bay	421,111	55,883	85,220	236,247	43,761
Bradford	136,299	29,803	35,223	60,352	10,921
Brevard	119,334	37,451	21,990	27,386	32,507
Broward	--	--	--	--	--
Calhoun	301,612	114,527	67,809	86,449	32,827
Charlotte	65,648	20,033	19,006	7,603	19,006
Citrus	236,229	68,630	30,027	61,542	76,030
Clay	315,100	82,668	76,324	109,323	46,785
Collier	415,191	124,217	142,841	52,903	95,230
Columbia	366,138	109,548	120,915	121,991	13,684
Dade	--	--	--	--	--
De Soto	51,980	26,405	--	7,663	17,912
Dixie	395,155	88,585	131,905	142,552	32,113
Duval	277,344	75,210	100,674	63,610	37,850
Escambia	268,028	102,178	87,628	67,176	11,046
Flagler	250,483	73,025	88,660	61,621	27,177
Franklin	313,812	73,179	45,842	148,737	46,054
Gadsden	228,519	102,554	39,739	73,522	12,704
Gilchrist	141,989	35,887	44,811	26,164	35,127
Glades	88,904	20,692	23,649	29,662	14,901
Gulf	280,001	85,112	40,135	119,824	34,930
Hamilton	241,382	70,939	66,964	92,094	11,385
Hardee	86,492	57,160	4,083	12,325	12,924
Hendry	110,011	53,965	33,193	17,614	5,239
Hernando	179,228	47,213	48,488	39,662	43,865
Highlands	95,709	39,285	16,979	22,466	16,979
Hillsborough	134,226	59,590	26,393	32,162	16,081
Holmes	187,690	59,840	62,868	51,390	13,592
Indian River	36,925	14,985	6,439	5,994	9,507
Jackson	298,467	81,093	108,400	69,703	39,271
Jefferson	277,030	132,120	71,152	55,819	17,939
Lafayette	285,418	60,884	91,372	99,287	33,875
Lake	263,130	112,817	43,258	58,277	48,778
Lee	120,016	4,801	57,610	38,403	19,202
Leon	290,981	133,585	69,046	78,902	9,448
Levy	466,584	163,239	113,782	101,927	87,636
Liberty	515,494	230,966	89,051	145,726	49,751
Madison	297,353	100,708	53,221	114,597	28,827
Manatee	55,501	24,629	6,245	12,314	12,313
Marion	631,402	149,521	193,695	204,456	83,730
Martin	34,201	7,266	5,136	12,111	9,688
Monroe	--	--	--	--	--
Nassau	337,175	72,014	147,464	101,407	16,290
Okaloosa	470,230	179,764	82,598	141,550	66,318
Okeechobee	40,534	25,017	6,207	6,207	3,103
Orange	179,487	58,477	52,679	37,659	30,672
Osceola	193,644	90,373	47,517	34,634	21,120
Palm Beach	--	--	--	--	--
Pasco	163,497	70,763	37,186	12,291	43,257
Pinellas	23,061	5,070	8,995	4,498	4,498
Polk	254,021	105,889	66,336	47,187	34,609
Putnam	363,204	83,421	97,451	102,063	80,269
St. Johns	288,592	67,318	130,682	67,491	23,101
St. Lucie	51,504	21,270	12,063	6,108	12,063
Santa Rosa	500,356	183,384	142,234	148,274	26,464
Sarasota	55,277	13,809	11,507	11,508	18,453
Seminole	89,037	42,589	12,503	22,630	11,315
Sumter	164,859	85,813	25,595	22,738	30,713
Suwannee	200,884	39,382	60,176	69,622	31,704
Taylor	588,605	152,084	191,746	182,084	62,691
Union	118,107	27,098	41,518	46,169	3,322
Volusia	502,361	167,637	137,354	141,402	55,968
Wakulla	315,027	148,563	50,805	93,040	22,619
Walton	541,959	160,911	137,015	153,749	90,284
Washington	301,744	69,690	59,941	115,803	56,310
Total	15,664,177	4,966,076	4,119,935	4,567,087	2,011,079

Table 5.--Area of commercial forest land, by site class and county, 1980

County	All classes	Site class				
		1	2	3	4	5
----- Acres -----						
Alachua	309,353	--	17,389	96,344	170,449	25,171
Baker	331,542	--	--	65,803	243,231	22,508
Bay	421,111	--	--	17,572	179,161	224,378
Bradford	136,299	--	4,025	47,938	68,588	15,748
Brevard	119,334	--	--	4,836	58,205	56,293
Broward	--	--	--	--	--	--
Calhoun	301,612	--	--	60,677	175,247	65,688
Charlotte	65,648	--	--	--	42,839	22,809
Citrus	236,229	--	--	10,609	93,532	132,088
Clay	315,100	--	5,846	40,885	152,155	116,214
Collier	415,191	--	--	5,291	126,973	282,927
Columbia	366,138	--	8,612	107,860	213,620	36,046
Dade	--	--	--	--	--	--
De Soto	51,980	--	--	--	26,406	25,574
Dixie	395,155	--	--	72,344	289,299	33,512
Duval	277,344	--	--	41,634	178,621	57,089
Escambia	268,028	--	--	25,878	189,545	52,605
Flagler	250,483	--	7,096	28,045	188,624	26,718
Franklin	313,812	--	--	3,538	143,043	167,231
Gadsden	228,519	--	7,421	59,752	133,800	27,546
Gilchrist	141,989	--	--	35,153	72,057	44,779
Glades	88,904	--	--	--	56,180	32,724
Gulf	280,001	--	--	10,263	97,876	171,862
Hamilton	241,382	--	2,684	31,233	187,630	19,835
Hardee	86,492	--	--	8,165	45,664	32,663
Hendry	110,011	--	--	--	72,750	37,261
Hernando	179,228	2,719	--	13,371	95,252	67,886
Highlands	95,709	--	--	--	41,785	53,924
Hillsborough	134,226	--	2,680	2,680	79,692	49,174
Holmes	187,690	--	--	44,473	104,452	38,765
Indian River	36,925	--	--	2,996	20,978	12,951
Jackson	298,467	--	--	32,119	211,138	55,210
Jefferson	277,030	--	15,230	57,011	183,341	21,448
Lafayette	285,418	--	--	61,332	172,594	51,492
Lake	263,130	--	2,568	25,668	155,775	79,119
Lee	120,016	--	--	--	14,402	105,614
Leon	290,981	--	3,106	61,489	140,461	85,925
Levy	466,584	--	--	90,999	288,024	87,561
Liberty	515,494	--	--	59,442	242,913	213,139
Madison	297,353	--	3,790	30,856	220,220	42,487
Manatee	55,501	--	--	--	24,629	30,872
Marion	631,402	3,771	41,055	112,759	306,511	167,306
Martin	34,201	--	--	--	12,110	22,091
Monroe	--	--	--	--	--	--
Nassau	337,175	--	2,187	53,035	238,357	43,596
Okaloosa	470,230	--	3,326	40,773	179,829	246,302
Okeechobee	40,534	--	--	--	28,119	12,415
Orange	179,487	--	--	854	95,624	83,009
Osceola	193,644	--	5,280	5,280	106,526	76,558
Palm Beach	--	--	--	--	--	--
Pasco	163,497	--	--	22,162	88,899	52,436
Pinellas	23,061	--	--	--	13,493	9,568
Polk	254,021	--	--	--	160,608	93,413
Putnam	363,204	--	--	60,199	182,293	120,712
St. Johns	288,592	--	--	31,470	216,182	40,940
St. Lucie	51,504	--	--	3,016	30,393	18,095
Santa Rosa	500,356	--	6,001	67,844	283,167	143,344
Sarasota	55,277	--	--	--	27,619	27,658
Seminole	89,037	--	--	5,658	60,749	22,630
Sumter	164,859	--	--	14,695	134,159	16,005
Suwannee	200,884	--	--	28,534	118,514	53,836
Taylor	588,605	--	7,426	69,719	367,447	144,013
Union	118,107	--	3,321	28,746	74,431	11,609
Volusia	502,361	--	6,884	32,936	338,360	124,181
Wakulla	315,027	--	3,106	35,428	149,006	127,487
Walton	541,959	3,854	6,330	27,338	317,273	187,164
Washington	301,744	--	3,071	21,530	165,442	111,701
Total	15,664,177	10,344	168,434	1,918,232	8,886,262	4,680,905

Table 6.--Area of commercial forest land, by stocking classes of growing-stock trees, by county, 1980

County	All classes	Stocking percentage ¹				
		Over 130	100 - 130	60 - 99	16.7 - 59	Less than 16.7
----- Acres -----						
Alachua	309,353	10,726	111,447	100,335	58,432	28,413
Baker	331,542	23,938	122,039	110,291	48,346	26,928
Bay	421,111	--	113,265	155,183	108,902	43,761
Bradford	136,299	3,448	51,429	43,242	27,259	10,921
Brevard	119,334	4,835	22,941	30,036	29,015	32,507
Broward	--	--	--	--	--	--
Calhoun	301,612	3,777	70,169	106,490	88,349	32,827
Charlotte	65,648	3,801	15,205	8,630	19,006	19,006
Citrus	236,229	5,485	20,323	31,076	103,315	76,030
Clay	315,100	15,867	80,765	112,267	59,416	46,785
Collier	415,191	15,873	74,071	100,518	129,499	95,230
Columbia	366,138	14,554	95,750	172,208	69,942	13,684
Dade	--	--	--	--	--	--
De Soto	51,980	--	3,286	130	30,652	17,912
Dixie	395,155	14,190	107,823	138,254	102,775	32,113
Duval	277,344	10,051	86,709	79,045	63,689	37,850
Escambia	268,028	10,741	62,496	122,498	61,247	11,046
Flagler	250,483	18,768	80,473	68,639	55,426	27,177
Franklin	313,812	8,127	89,278	120,114	50,239	46,054
Gadsden	228,519	16,981	72,455	80,401	45,978	12,704
Gilchrist	141,989	17,171	24,369	43,432	21,890	35,127
Glades	88,904	2,956	5,912	23,648	41,487	14,901
Gulf	280,001	10,916	44,930	95,447	93,778	34,930
Hamilton	241,382	5,793	75,892	97,998	50,314	11,385
Hardee	86,492	--	8,166	32,739	32,663	12,924
Hendry	110,011	10,386	15,580	25,967	52,839	5,239
Hernando	179,228	2,719	13,371	56,645	62,628	43,865
Highlands	95,709	2,500	20,972	23,443	31,815	16,979
Hillsborough	134,226	23,970	13,142	34,691	46,342	16,081
Holmes	187,690	--	39,558	82,088	52,452	13,592
Indian River	36,925	2,997	2,997	3,443	17,981	9,507
Jackson	298,467	7,029	40,017	111,143	101,007	39,271
Jefferson	277,030	14,940	64,029	125,103	55,019	17,939
Lafayette	285,418	10,143	74,450	81,194	85,756	33,875
Lake	263,130	5,415	58,299	78,824	71,814	48,778
Lee	120,016	--	19,203	24,004	57,607	19,202
Leon	290,981	6,212	82,340	130,030	62,951	9,448
Levy	466,584	29,695	95,222	142,363	111,668	87,636
Liberty	515,494	16,672	111,381	201,767	135,923	49,751
Madison	297,353	25,522	44,780	117,660	80,564	28,827
Manatee	55,501	--	3,079	9,237	30,872	12,313
Marion	631,402	3,043	122,325	222,586	199,718	83,730
Martin	34,201	--	9,935	2,468	12,110	9,688
Monroe	--	--	--	--	--	--
Nassau	337,175	14,791	108,912	117,584	79,598	16,290
Okaloosa	470,230	3,380	70,346	133,392	196,794	66,318
Okeechobee	40,534	3,104	12,415	12,601	9,311	3,103
Orange	179,487	9,201	39,872	39,973	59,769	30,672
Osceola	193,644	29,037	47,515	40,219	55,753	21,120
Palm Beach	--	--	--	--	--	--
Pasco	163,497	11,946	40,985	40,839	26,470	43,257
Pinellas	23,061	--	4,498	8,995	5,070	4,498
Polk	254,021	25,545	54,059	61,556	78,252	34,609
Putnam	363,204	29,505	94,831	92,161	66,438	80,269
St. Johns	288,592	21,032	101,121	105,152	38,186	23,101
St. Lucie	51,504	--	3,092	12,064	24,285	12,063
Santa Rosa	500,356	15,552	115,266	189,154	153,920	26,464
Sarasota	55,277	--	--	11,507	25,317	18,453
Seminole	89,037	--	9,673	25,459	42,590	11,315
Sumter	164,859	22,450	27,019	37,403	47,274	30,713
Suwannee	200,884	15,853	56,938	58,345	38,044	31,704
Taylor	588,605	34,834	154,384	199,577	137,119	62,691
Union	118,107	5,524	46,169	44,841	18,251	3,322
Volusia	502,361	26,752	133,760	134,673	151,208	55,968
Wakulla	315,027	7,358	50,819	155,483	78,748	22,619
Walton	541,959	7,710	58,371	219,753	165,841	90,284
Washington	301,744	--	56,627	99,447	89,360	56,310
Total	15,664,177	662,815	3,556,545	5,185,455	4,248,283	2,011,079

¹See stocking standards on page 12.

Table 7.--Volume of sawtimber and growing stock on commercial forest land, by species group and county, 1980

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
	----- Thousand board feet -----					----- Thousand cubic feet ¹ -----				
Alachua	610,058	287,321	100,818	78,505	143,414	275,385	169,151	29,499	34,922	41,813
Baker	1,127,330	711,959	185,821	226,151	3,399	370,840	225,237	62,434	81,739	1,430
Bay	326,803	249,255	22,837	48,985	5,726	136,332	107,229	9,264	14,093	5,746
Bradford	310,370	239,648	11,460	22,428	36,834	117,974	92,096	6,165	12,693	7,020
Brevard	266,132	103,247	26,908	45,573	90,404	84,622	42,894	11,085	13,493	17,150
Broward	--	--	--	--	--	--	--	--	--	--
Calhoun	696,841	412,367	46,697	130,452	107,325	222,155	137,478	13,215	40,013	31,449
Charlotte	101,750	61,561	40,189	--	--	44,081	22,887	20,566	--	628
Citrus	427,591	144,670	136,817	60,941	85,163	119,459	38,008	34,400	20,296	26,755
Clay	632,570	317,316	65,051	127,115	123,088	239,641	132,894	19,134	47,899	39,714
Collier	793,189	157,103	567,483	39,647	28,956	306,776	54,146	225,139	17,816	9,675
Columbia	1,031,563	680,620	163,768	134,936	52,239	359,808	210,250	53,384	69,584	26,590
Dade	--	--	--	--	--	--	--	--	--	--
De Soto	87,027	19,565	16,258	31,036	20,168	27,211	4,705	4,871	12,819	4,816
Dixie	823,221	189,303	218,016	177,123	238,779	313,114	82,986	78,057	68,974	83,097
Duval	726,471	389,182	20,659	162,616	154,014	266,340	144,818	10,475	63,536	47,511
Escambia	912,555	513,354	12,151	276,560	110,490	292,966	173,636	2,846	82,357	34,127
Flagler	740,089	286,165	222,058	87,206	144,660	256,613	121,180	74,973	32,740	27,720
Franklin	575,407	193,193	136,187	219,736	26,291	185,012	66,266	42,123	67,205	9,418
Gadsden	925,157	422,320	--	264,653	238,184	269,118	112,576	--	83,591	72,951
Gilchrist	200,032	96,963	54,129	10,252	38,688	109,765	78,516	15,511	3,246	12,492
Glades	173,319	65,960	92,480	4,821	10,058	53,799	19,580	27,199	4,825	2,195
Gulf	747,784	262,433	142,580	260,541	82,230	232,321	75,433	45,781	85,967	25,140
Hamilton	569,767	340,035	52,576	81,400	95,756	214,096	109,183	30,110	49,430	25,373
Hardee	378,846	152,193	83,712	30,026	112,915	95,509	33,857	25,055	11,641	24,956
Hendry	391,245	103,586	231,719	23,270	32,670	123,451	36,031	71,756	7,543	8,121
Hernando	419,278	93,464	18,852	140,837	166,125	132,944	30,442	4,771	50,563	47,168
Highlands	308,135	73,197	143,774	68,106	23,058	90,004	20,142	35,122	27,172	7,568
Hillsborough	500,689	82,370	195,441	88,347	134,531	170,325	21,912	84,314	29,620	34,479
Holmes	414,319	209,208	25,802	122,565	56,744	154,681	71,222	6,041	56,435	20,983
Indian River	121,731	60,914	48,930	--	11,887	29,196	14,634	12,241	216	2,105
Jackson	799,921	307,965	45,207	191,567	255,182	284,588	105,967	12,366	78,935	87,320
Jefferson	1,165,322	528,515	115,242	265,767	255,798	336,818	130,275	32,287	100,685	73,571
Lafayette	478,225	223,433	114,750	40,665	99,377	194,357	97,238	40,741	30,128	26,250

Continued

Table 7.--Volume of sawtimber and growing stock on commercial forest land, by species group and county, 1980 (Continued)

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
	Thousand board feet					Thousand cubic feet ¹				
Lake	676,479	302,469	127,659	154,184	92,167	227,430	80,141	57,185	62,276	27,828
Lee	107,332	26,443	80,889	--	--	55,163	19,230	35,933	--	--
Leon	1,006,439	606,288	9,067	222,187	168,897	306,957	171,043	4,151	75,301	56,462
Levy	1,288,180	516,403	261,150	200,721	309,906	459,894	201,063	91,213	79,585	88,033
Liberty	1,925,484	850,827	365,545	432,238	276,874	525,455	234,837	90,427	135,128	65,063
Madison	857,038	258,901	178,309	303,487	116,341	285,767	85,847	58,033	107,213	34,674
Manatee	120,573	43,717	--	57,083	19,773	29,778	8,993	--	16,361	4,424
Marion	1,506,058	931,198	65,653	140,324	368,883	515,098	340,859	17,027	56,236	100,976
Martin	33,764	32,810	--	--	954	10,323	9,466	--	--	857
Monroe	--	--	--	--	--	--	--	--	--	--
Nassau	884,704	492,714	87,420	176,352	128,218	340,146	171,283	31,825	94,670	42,368
Okaloosa	1,149,692	944,741	60,706	73,829	70,416	315,594	237,564	14,561	41,350	22,119
Okeechobee	154,012	28,146	56,287	62,226	7,353	52,896	11,893	16,369	22,474	2,160
Orange	468,011	126,876	161,675	141,237	38,223	169,505	39,688	62,975	54,470	12,372
Osceola	739,244	189,696	371,212	122,142	56,194	249,107	41,032	139,337	48,379	20,359
Palm Beach	--	--	--	--	--	--	--	--	--	--
Pasco	590,663	157,638	174,847	94,167	164,011	204,303	41,239	77,159	39,727	46,178
Pinellas	52,553	28,287	18,647	5,619	--	16,934	8,449	6,671	1,814	--
Polk	723,630	186,009	251,158	155,241	131,222	272,578	47,669	119,688	68,615	36,606
Putnam	935,511	511,228	43,179	206,517	174,587	343,468	214,726	12,022	70,246	46,474
St. Johns	767,547	328,221	102,906	153,731	182,689	308,412	147,314	33,747	76,739	50,612
St. Lucie	64,847	55,480	5,411	--	3,956	19,668	14,802	1,583	--	3,283
Santa Rosa	1,444,564	1,054,809	120,659	198,005	71,091	466,973	317,635	36,203	87,358	25,777
Sarasota	60,617	34,170	--	9,409	17,038	19,412	11,838	--	3,664	3,910
Seminole	222,054	87,236	--	60,008	74,810	59,047	22,496	276	17,042	19,233
Sumter	631,638	72,268	199,453	127,262	232,655	209,228	26,287	72,311	46,561	64,069
Suwannee	339,596	154,845	2,589	52,200	129,962	146,173	91,817	472	19,837	34,047
Taylor	1,179,524	350,602	268,567	219,672	340,683	497,741	195,275	87,991	101,190	113,285
Union	299,422	169,519	39,164	86,757	3,982	133,926	79,120	16,235	34,657	3,914
Volusia	1,264,618	635,635	370,413	165,785	92,785	455,615	214,209	138,489	77,530	25,387
Wakulla	963,172	567,157	22,093	158,937	214,985	276,155	153,666	5,336	55,063	62,090
Walton	1,135,832	764,907	48,298	275,481	47,146	383,275	248,740	11,533	102,743	20,259
Washington	475,897	172,706	112,629	104,516	86,046	154,566	53,223	26,108	44,770	30,465
Total	39,851,432	18,660,331	6,963,957	7,621,144	6,606,000	13,619,888	6,324,313	2,405,785	2,941,175	1,948,615

¹ Factors for converting to cords are shown on page 12.

Table 8.--Net annual growth of sawtimber and growing stock on commercial forest land,
by species group and county, 1979

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
	Thousand board feet					Thousand cubic feet				
Alachua	65,654	50,286	3,091	5,409	6,868	21,971	18,383	711	1,100	1,777
Baker	77,450	62,722	7,279	7,342	107	23,942	19,402	1,544	2,785	211
Bay	27,961	25,854	684	1,012	411	14,527	13,598	332	254	343
Bradford	24,374	21,143	458	2,038	735	10,158	9,344	179	491	144
Brevard	17,152	11,632	1,863	1,943	1,714	6,459	5,349	255	466	389
Broward	--	--	--	--	--	--	--	--	--	--
Calhoun	55,752	39,351	1,431	4,576	10,394	13,931	11,166	265	1,286	1,214
Charlotte	5,277	3,829	1,448	--	--	2,041	1,470	516	--	55
Citrus	20,586	9,771	5,318	2,207	3,290	5,926	3,625	939	547	815
Clay	47,455	34,615	2,128	5,790	4,922	16,469	12,513	718	1,888	1,350
Collier	36,334	13,704	13,619	6,027	2,984	9,532	3,023	4,165	1,507	837
Columbia	85,341	68,165	4,774	7,200	5,202	22,552	16,298	1,311	3,249	1,694
Dade	--	--	--	--	--	--	--	--	--	--
De Soto	5,107	1,560	1,258	1,634	655	920	220	123	426	151
Dixie	52,712	20,910	8,704	9,070	14,028	21,454	12,095	2,031	3,225	4,103
Duval	58,260	39,560	1,011	9,323	8,366	17,834	13,105	374	2,584	1,771
Escambia	59,374	44,367	360	7,947	6,700	16,361	12,671	81	1,912	1,697
Flagler	42,489	26,500	9,475	3,531	2,983	18,482	14,516	2,015	1,369	582
Franklin	25,383	13,453	4,951	6,095	884	10,180	6,690	1,318	1,852	320
Gadsden	55,860	35,393	--	9,513	10,954	14,430	9,059	--	2,561	2,810
Gilchrist	28,599	23,826	2,193	381	2,199	10,099	8,862	380	250	607
Glades	6,328	2,304	2,552	1,007	465	2,663	1,735	420	389	119
Gulf	37,995	19,982	5,701	8,545	3,767	9,737	5,982	1,446	1,568	741
Hamilton	38,779	26,876	2,462	5,131	4,310	16,075	11,457	940	2,175	1,503
Hardee	16,866	9,626	3,206	1,006	3,028	3,386	1,552	632	333	869
Hendry	18,541	8,131	4,888	3,413	2,109	4,372	2,182	1,184	513	493
Hernando	26,397	12,125	1,115	6,058	7,099	5,418	2,393	168	1,434	1,423
Highlands	16,676	8,024	4,543	2,836	1,273	4,205	1,942	712	1,119	432
Hillsborough	28,123	7,669	12,453	2,797	5,204	5,351	1,436	2,117	887	911
Holmes	28,749	21,579	468	4,065	2,637	8,190	4,990	86	1,959	1,155
Indian River	6,127	4,100	1,793	--	234	1,272	945	292	2	33
Jackson	56,867	34,297	1,573	7,102	13,895	13,175	7,344	382	2,128	3,321
Jefferson	57,571	36,812	2,517	9,630	8,612	12,303	6,609	462	2,657	2,575
Lafayette	40,053	27,527	4,161	2,890	5,475	14,743	10,789	1,061	1,890	1,003

Continued

Table 8.--Net annual growth of sawtimber and growing stock on commercial forest land,
by species group and county, 1979 (Continued)

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
	Thousand board feet					Thousand cubic feet				
Lake	43,429	26,482	6,199	7,341	3,407	12,070	6,827	1,626	2,682	935
Lee	6,142	3,407	2,735	--	--	2,184	1,652	532	--	--
Leon	62,161	44,302	398	7,467	9,994	15,684	10,925	126	2,119	2,514
Levy	84,635	47,775	10,405	12,603	13,852	28,452	18,403	2,741	3,509	3,799
Liberty	96,163	64,311	9,860	12,977	9,015	22,222	15,343	1,778	3,339	1,762
Madison	53,071	28,294	6,600	11,411	6,766	13,955	7,840	1,208	3,435	1,472
Manatee	4,335	2,214	--	1,596	525	801	319	--	365	117
Marion	124,655	101,236	1,756	6,398	15,265	36,229	29,973	374	2,582	3,300
Martin	3,516	3,128	--	--	388	469	409	--	--	60
Monroe	--	--	--	--	--	--	--	--	--	--
Nassau	71,670	52,043	2,961	10,308	6,358	23,748	16,649	909	3,822	2,368
Okaloosa	66,442	56,073	4,381	2,634	3,354	16,068	12,953	373	1,438	1,304
Okeechobee	10,140	3,586	2,905	3,436	213	2,978	1,863	424	634	57
Orange	26,312	10,778	6,974	6,420	2,140	7,083	3,114	1,777	1,853	339
Osceola	32,719	10,740	15,560	4,603	1,816	8,552	2,001	4,023	1,868	660
Palm Beach	--	--	--	--	--	--	--	--	--	--
Pasco	29,666	10,118	9,209	5,244	5,095	6,935	2,186	2,004	1,429	1,316
Pinellas	4,373	3,006	1,219	148	--	662	484	144	34	--
Polk	44,199	15,120	15,191	8,891	4,997	11,604	3,223	3,844	3,763	774
Putnam	66,779	51,335	1,636	8,225	5,583	26,018	21,433	360	2,884	1,341
St. Johns	58,881	39,100	3,772	8,286	7,723	22,775	16,635	1,149	3,078	1,913
St. Lucie	4,237	3,782	280	--	175	1,286	1,046	39	--	201
Santa Rosa	85,096	69,619	4,944	6,469	4,064	26,410	20,977	1,510	2,544	1,379
Sarasota	4,053	3,174	--	365	514	1,349	1,122	--	134	93
Seminole	12,258	7,775	141	2,244	2,098	2,172	1,157	14	454	547
Sumter	29,023	6,414	9,049	6,363	7,197	7,890	2,903	1,786	1,359	1,842
Suwannee	32,260	25,640	114	2,272	4,234	12,938	10,909	19	568	1,442
Taylor	87,518	41,366	12,357	12,706	21,089	35,538	22,869	3,165	4,278	5,226
Union	25,702	19,331	2,150	3,524	697	10,866	8,759	450	1,537	120
Volusia	96,198	67,354	14,401	9,135	5,308	27,202	18,927	3,591	3,700	984
Wakulla	58,466	43,850	709	5,424	8,483	12,542	8,301	172	1,428	2,641
Walton	85,987	73,235	918	9,265	2,569	22,218	18,843	147	2,136	1,092
Washington	20,175	11,103	2,457	2,941	3,674	8,440	5,102	417	1,220	1,701
Total	2,600,453	1,711,384	266,758	324,214	298,097	785,498	543,892	61,861	102,998	76,747

Table 9.--Annual removals of sawtimber and growing stock on commercial forest land,
by species group and county, 1979

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
- - - - - Thousand board feet - - - - -										
Alachua	48,318	22,646	--	9,589	16,083	16,022	10,158	--	2,478	3,386
Baker	65,312	65,312	--	--	--	20,636	20,441	64	131	--
Bay	33,045	33,045	--	--	--	9,871	9,786	--	85	--
Bradford	46,822	45,188	423	--	1,211	15,289	14,063	1,035	--	191
Brevard	2,270	1,033	--	1,237	--	815	573	--	242	--
Broward	--	--	--	--	--	--	--	--	--	--
Calhoun	13,530	13,530	--	--	--	5,587	5,539	48	--	--
Charlotte	4,307	4,307	--	--	--	930	930	--	--	--
Citrus	7,755	5,996	1,046	215	498	1,704	1,086	186	130	302
Clay	18,891	16,914	1,159	818	--	7,517	6,781	247	489	--
Collier	30,015	1,198	3,855	7,069	17,893	9,743	1,270	1,248	3,183	4,042
Columbia	38,921	32,346	685	--	5,890	12,850	10,719	118	614	1,399
Dade	--	--	--	--	--	--	--	--	--	--
De Soto	974	564	--	--	410	208	103	--	--	105
Dixie	88,972	64,865	3,348	7,052	13,707	24,507	18,306	985	1,825	3,391
Duval	28,088	20,590	--	681	6,817	8,144	6,675	--	146	1,323
Escambia	34,580	33,980	--	--	600	8,819	8,487	--	--	332
Flagler	60,225	53,252	3,758	3,215	--	22,229	19,094	1,631	1,504	--
Franklin	22,131	15,234	1,983	4,914	--	8,548	6,656	596	1,214	82
Gadsden	43,906	29,595	--	6,026	8,285	10,770	6,205	--	2,054	2,511
Gilchrist	1,895	1,169	--	--	726	4,757	4,601	--	--	156
Glades	1,957	1,957	--	--	--	379	379	--	--	--
Gulf	35,845	26,675	--	7,533	1,637	9,534	7,251	--	1,677	606
Hamilton	25,589	18,010	6,011	1,568	--	10,726	8,155	1,835	736	--
Hardee	--	--	--	--	--	--	--	--	--	--
Hendry	5,357	2,893	2,464	--	--	2,323	717	1,273	333	--
Hernando	6,508	3,487	--	1,941	1,080	1,534	776	--	531	227
Highlands	4,876	4,876	--	--	--	1,402	869	--	533	--
Hillsborough	9,997	6,433	591	2,973	--	2,725	1,226	553	946	--
Holmes	23,600	14,781	--	6,247	2,572	8,738	6,183	--	1,931	624
Indian River	5,631	5,631	--	--	--	1,389	1,389	--	--	--
Jackson	44,832	29,647	--	4,757	10,428	16,364	12,350	--	1,276	2,738
Jefferson	44,474	28,046	449	6,759	9,220	12,057	8,276	96	1,344	2,341
Lafayette	29,530	24,325	476	4,020	709	8,740	7,262	243	957	278

Continued

Table 9.--Annual removals of sawtimber and growing stock on commercial forest land,
by species group and county, 1979 (Continued)

County	Sawtimber					Growing stock				
	All species	Pine	Other softwood	Soft hardwood	Hard hardwood	All species	Pine	Other softwood	Soft hardwood	Hard hardwood
	- - - - - Thousand board feet - - - - -					- - - - - Thousand cubic feet - - - - -				
Lake	19,223	12,727	--	2,773	3,723	5,042	3,249	42	547	1,204
Lee	2,307	2,307	--	--	--	2,501	2,501	--	--	--
Leon	52,654	44,747	--	934	6,973	12,246	9,717	--	579	1,950
Levy	66,104	46,599	4,096	3,756	11,653	21,588	14,259	1,837	2,015	3,477
Liberty	24,950	13,049	1,732	3,416	6,753	7,214	4,782	316	727	1,389
Madison	38,811	32,112	2,493	1,641	2,565	17,244	14,262	881	894	1,207
Manatee	--	--	--	--	--	--	--	--	--	--
Marion	63,597	59,779	281	2,977	560	19,214	18,149	154	791	120
Martin	2,104	2,104	--	--	--	522	522	--	--	--
Monroe	--	--	--	--	--	--	--	--	--	--
Nassau	74,761	60,629	--	6,669	7,463	23,731	20,281	--	1,801	1,649
Okaloosa	47,861	40,411	--	2,004	5,446	9,839	8,171	--	399	1,269
Okeechobee	1,289	1,289	--	--	--	425	425	--	--	--
Orange	24,615	11,186	8,439	2,005	2,985	5,376	2,340	1,874	484	678
Osceola	21,849	6,731	13,111	1,408	599	5,680	1,653	3,244	331	452
Palm Beach	--	--	--	--	--	--	--	--	--	--
Pasco	7,316	5,843	925	--	548	1,467	1,063	202	88	114
Pinellas	3,417	3,417	--	--	--	910	701	--	--	209
Polk	29,251	22,452	2,145	2,072	2,582	8,598	6,505	599	980	514
Putnam	26,412	24,062	--	--	2,350	6,654	6,303	--	--	351
St. Johns	28,762	25,661	874	567	1,660	10,049	8,615	508	584	342
St. Lucie	5,228	5,228	--	--	--	1,447	1,447	--	--	--
Santa Rosa	40,294	40,294	--	--	--	11,057	11,057	--	--	--
Sarasota	10,050	10,050	--	--	--	2,223	2,223	--	--	--
Seminole	5,873	2,050	1,592	1,000	1,231	1,814	776	295	350	393
Sumter	10,859	1,678	7,942	1,239	--	2,800	960	1,558	282	--
Suwannee	17,464	16,387	--	--	1,077	8,485	7,754	--	83	648
Taylor	116,045	94,773	9,009	8,062	4,201	35,123	28,461	2,260	2,233	2,169
Union	17,477	10,921	417	2,316	3,823	6,434	4,493	393	778	770
Volusia	56,187	40,491	11,420	4,276	--	14,690	11,359	2,328	1,003	--
Wakulla	45,761	44,677	344	358	382	13,527	13,092	64	93	278
Walton	33,006	25,954	--	2,721	4,331	10,909	7,776	--	1,623	1,510
Washington	33,006	27,720	--	3,662	1,624	10,046	7,710	--	1,272	1,064
Total	1,754,686	1,362,853	91,068	130,470	170,295	541,712	426,912	26,713	42,296	45,791

TABLE 10.--AREA OF COMMERCIAL FOREST LAND, BY FOREST TYPE AND OWNERSHIP CLASS, 1980

TABLE 10.—AREA OF COMMERCIAL FOREST LAND, BY FOREST TYPE AND OWNERSHIP CLASS						
FOREST TYPE	ALL OWNERSHIPS	OWNERSHIP CLASS				
		NATIONAL FOREST	OTHER PUBLIC	FOREST-INDUSTRY	FARMER	MISC. PRIVATE
----- ACRES -----						
SOFTWOOD TYPES:						
WHITE PINE-HEMLOCK	--	--	--	--	--	--
SPRUCE-FIR	--	--	--	--	--	--
LONGLEAF PINE	1,242,811	224,648	222,446	241,342	93,367	461,008
SLASH PINE	5,297,588	270,853	282,875	2,282,046	376,326	2,085,488
LOBLOLLY PINE	411,759	3,061	14,391	131,511	86,180	176,616
SHORTLEAF PINE	37,206	--	744	9,830	20,183	6,449
VIRGINIA PINE	--	--	--	--	--	--
SAND PINE	537,348	202,907	80,941	71,584	3,067	178,849
EASTERN REDCEDAR	--	--	--	--	--	--
POND PINE	233,028	60,206	5,661	56,540	10,177	100,444
SPRUCE PINE	9,784	--	--	--	3,608	6,176
PITCH PINE	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--
TOTAL	7,769,524	761,675	607,058	2,792,853	592,908	3,015,030
HARDWOOD TYPES:						
OAK-PINE	1,424,133	62,130	150,146	327,250	236,155	648,452
OAK-HICKORY	1,130,568	6,194	51,982	205,562	330,622	536,208
CHESTNUT OAK	--	--	--	--	--	--
SOUTHERN SCRUB OAK	1,002,703	26,541	113,029	88,799	91,097	683,237
OAK-GUM-CYPRESS ¹	4,271,148	146,653	244,745	1,279,109	695,322	1,905,319
ELM-ASH-COTTONWOOD	66,101	2,564	5,463	3,229	8,394	46,451
MAPLE-BEECH-BIRCH	--	--	--	--	--	--
TOTAL	7,894,653	244,082	565,365	1,903,949	1,361,590	3,819,667
ALL TYPES	15,664,177	1,005,757	1,172,423	4,696,802	1,954,498	6,834,697

¹INCLUDES 274,282 ACRES OF PALM AND OTHER TROPICAL FOREST TYPES.

TABLE 11.--AREA OF COMMERCIAL FOREST LAND, BY OWNERSHIP AND STOCKING CLASSES OF GROWING-STOCK TREES, 1980

OWNERSHIP CLASSES	ALL CLASSES	STOCKING PERCENTAGE ¹				
		OVER 130	100-130	60-99	16.7-59	LESS THAN 16.7
ACRES						
NATIONAL FOREST	1,005,757	37,154	183,074	423,153	263,573	98,803
OTHER PUBLIC	1,172,423	44,263	221,592	347,905	400,048	158,615
FOREST INDUSTRY	4,696,802	205,661	1,403,855	1,678,834	999,518	408,934
FARMER	1,954,498	93,460	364,685	670,531	598,599	227,223
MISC. PRIVATE	6,834,697	282,277	1,383,339	2,065,032	1,986,545	1,117,504
ALL OWNERSHIPS	15,664,177	662,815	3,556,545	5,185,455	4,248,283	2,011,079

¹SEE STOCKING STANDARDS ON PAGE 12.

TABLE 12. -- VOLUME OF TIMBER ON COMMERCIAL FOREST LAND, BY CLASS AND SPECIES GROUP, 1980

CLASS OF TIMBER	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
- - - - - THOUSAND CUBIC FEET - - - - -					
SAWTIMBER TREES:					
SAW-LOG PORTION	7,906,714	3,589,814	1,526,671	1,588,130	1,202,099
UPPER-STEM PORTION	826,741	320,659	136,369	210,432	159,281
TOTAL	8,733,455	3,910,473	1,663,040	1,798,562	1,361,380
POLETIMBER TREES	4,886,433	2,413,840	742,745	1,142,613	587,235
ALL GROWING-STOCK TREES	13,619,888	6,324,313	2,405,785	2,941,175	1,948,615
ROUGH TREES:					
SAWTIMBER-SIZE TREES	775,498	14,297	36,521	190,636	534,044
POLETIMBER-SIZE TREES	817,572	24,540	46,206	270,580	476,246
TOTAL	1,593,070	38,837	82,727	461,216	1,010,290
ROTTEN TREES:					
SAWTIMBER-SIZE TREES	159,535	389	28,432	68,803	61,911
POLETIMBER-SIZE TREES	28,629	--	3,762	14,468	10,399
TOTAL	188,164	389	32,194	83,271	72,310
SALVABLE DEAD TREES:					
SAWTIMBER-SIZE TREES	15,367	10,675	1,453	1,998	1,241
POLETIMBER-SIZE TREES	11,398	8,138	1,673	961	626
TOTAL	26,765	18,813	3,126	2,959	1,867
TOTAL, ALL TIMBER	15,427,887	6,382,352	2,523,832	3,488,621	3,033,082

TABLE 13. --NUMBER OF GROWING-STOCK TREES ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1980

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 AND LARGER
-- THOUSAND TREES --											
SOFTWOOD:											
LONGLEAF PINE	126,371	35,001	27,965	29,583	20,947	9,142	2,798	613	163	159	--
SLASH PINE	654,324	377,303	165,101	61,310	28,126	13,050	5,920	2,172	834	499	9
SHORTLEAF PINE	5,473	2,447	1,093	685	588	467	92	54	26	21	--
LOBLOLLY PINE	44,819	16,338	8,388	6,644	5,480	3,552	2,014	1,228	599	563	13
POND PINE	24,180	10,053	6,003	3,763	2,561	978	413	221	135	53	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	2,030	478	306	438	306	21	190	176	70	45	--
SAND PINE	55,280	31,399	13,259	6,977	2,237	962	351	85	--	10	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	41,152	12,811	9,433	6,434	4,606	3,072	1,811	1,338	749	782	116
POND CYPRESS	241,279	99,101	66,065	38,977	19,783	9,954	4,221	1,631	837	659	51
CEDARS	8,309	3,120	1,792	1,323	858	662	350	153	24	27	--
TOTAL SOFTWOODS	1,203,217	588,051	299,405	156,134	85,492	41,860	18,160	7,671	3,437	2,818	189
HARDWOOD:											
SELECT WHITE OAKS	2,392	598	563	294	277	357	185	43	61	8	6
SELECT RED OAKS	264	115	--	62	28	31	--	--	12	16	--
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	16,602	4,549	2,348	2,266	1,520	1,641	905	1,008	679	1,325	361
OTHER RED OAKS	97,787	37,568	22,891	15,185	8,690	5,403	3,141	2,003	1,037	1,601	268
HICKORY	10,104	2,908	2,796	1,296	1,213	867	456	316	97	144	11
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	793	150	209	96	164	47	55	59	13	--	--
SOFT MAPLE	38,517	14,659	8,935	5,856	4,206	2,473	1,286	590	239	260	13
BEECH	289	--	69	--	102	27	--	29	24	33	5
SWEETGUM	46,903	18,056	12,540	6,740	4,320	2,743	1,340	460	409	274	21
TUPELO AND BLACKGUM	138,808	57,760	30,289	18,825	13,449	8,389	4,484	2,493	1,487	1,502	130
ASH	33,050	14,978	6,760	4,927	2,550	1,732	906	576	402	211	8
COTTONWOOD	117	105	--	--	--	--	--	--	12	--	--
BASSWOOD	731	114	213	134	114	44	68	25	12	7	--
YELLOW-POPLAR	3,929	1,205	828	623	675	275	80	100	114	29	--
BAY AND MAGNOLIA	77,492	37,483	16,742	10,179	6,314	3,153	1,774	933	546	335	33
BLACK CHERRY	688	264	232	59	82	34	17	--	--	--	--
BLACK WALNUT	52	--	52	--	--	--	--	--	--	--	--
SYCAMORE	179	--	69	--	36	--	18	29	12	15	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	7,696	3,269	1,850	957	609	548	212	129	60	58	4
OTHER EASTERN HARDWOODS	6,808	3,022	1,953	755	562	272	127	95	13	9	--
TOTAL HARDWOODS	483,201	196,803	109,339	68,254	44,911	28,036	15,054	8,888	5,229	5,827	860
ALL SPECIES	1,686,418	784,854	408,744	224,388	130,403	69,896	33,214	16,559	8,666	8,645	1,049

TABLE 14. -- VOLUME OF ALL LIVE TREES ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1980

TABLE 14. -- VOLUME OF ALL LIVE TREES ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1956											
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 AND LARGER
THOUSAND CUBIC FEET											
SOFTWOOD:											
LONGLEAF PINE	1,367,946	87,712	176,936	337,738	390,041	236,593	91,573	27,882	8,959	10,512	--
SLASH PINE	3,785,742	886,052	958,762	677,429	518,430	344,365	211,998	99,134	48,833	39,351	1,388
SHORTLEAF PINE	54,089	7,000	6,858	6,666	11,593	12,390	3,937	2,480	1,736	1,429	--
LOBLOLLY PINE	592,633	33,174	49,100	72,774	105,186	99,567	78,181	63,342	39,102	50,009	2,198
POND PINE	187,718	21,148	29,685	36,053	41,442	22,900	14,604	10,330	7,204	4,352	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	39,171	1,188	2,347	4,685	5,839	459	7,630	9,247	4,378	3,398	--
SAND PINE	336,240	90,314	88,104	80,656	39,008	22,613	11,145	3,683	--	717	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	572,715	41,078	62,577	71,170	79,436	75,562	59,243	57,008	40,020	59,387	27,234
POND CYPRESS	1,863,784	276,420	392,435	398,347	312,598	216,905	119,787	57,360	36,772	43,888	9,272
CEDARS	84,207	9,667	10,536	14,335	13,855	15,699	10,793	6,144	1,530	1,648	--
TOTAL SOFTWOODS	8,884,245	1,453,753	1,777,340	1,699,853	1,517,428	1,047,053	608,891	336,610	188,534	214,691	40,092
HARDWOOD:											
SELECT WHITE OAKS	34,536	1,659	3,175	3,735	5,260	7,342	6,208	1,876	3,405	1,048	828
SELECT RED OAKS	5,072	386	518	581	687	723	--	--	695	1,482	--
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	833,617	40,183	43,547	58,610	66,536	75,451	78,671	80,200	72,869	196,892	120,658
OTHER RED OAKS	1,211,548	113,648	142,499	172,359	159,608	144,628	106,441	92,868	68,340	153,323	57,834
HICKORY	133,932	6,510	15,036	13,828	20,678	23,810	16,660	16,238	7,444	12,016	1,712
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	16,818	789	1,870	3,391	3,167	1,443	2,289	3,016	853	--	--
SOFT MAPLE	479,394	55,880	70,782	72,740	85,388	70,740	50,883	27,946	16,529	26,163	2,343
BEECH	13,280	--	492	1,941	1,941	1,237	264	2,606	1,350	4,267	1,123
SWEETGUM	480,353	40,894	72,559	74,744	84,384	77,790	51,147	24,136	25,335	24,274	5,090
TUPELO AND BLACKGUM	1,575,655	179,053	195,210	219,690	253,536	222,261	155,485	115,264	82,840	124,850	27,466
ASH	401,203	61,382	58,834	64,703	49,257	51,165	42,372	27,778	24,544	19,419	1,749
COTTONWOOD	1,356	394	--	--	320	--	--	--	642	--	--
BASSWOOD	12,833	282	1,282	1,901	2,249	1,256	2,133	1,686	644	1,400	--
YELLOW-POPLAR	53,101	3,316	5,458	6,750	13,480	6,724	2,587	4,868	7,125	2,793	--
BAY AND MAGNOLIA	738,745	118,623	117,158	131,191	117,670	86,148	59,159	44,280	31,847	28,135	4,534
BLACK CHERRY	6,566	1,867	1,442	436	1,460	535	377	--	--	449	--
BLACK WALNUT	182	--	182	--	--	--	--	--	--	--	--
SYCAMORE	5,555	--	686	--	622	--	784	1,295	624	1,544	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	87,148	8,343	11,389	14,030	11,603	16,102	10,073	5,714	3,696	5,203	995
OTHER EASTERN HARDWOODS	425,983	111,438	105,011	71,075	56,439	29,909	20,528	12,478	8,419	6,446	4,240
TOTAL HARDWOODS	6,516,877	744,647	847,130	909,764	934,285	817,264	606,061	462,249	357,201	609,704	228,572
ALL SPECIES	15,401,122	2,198,400	2,624,470	2,609,617	2,451,713	1,864,317	1,214,952	798,859	545,735	824,395	268,664

TABLE 15. -- VOLUME OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1980

TABLE 15. --VOLUME OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1900											
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 AND LARGER
-- THOUSAND CUBIC FEET --											
SOFTWOOD:											
LONGLEAF PINE	1,363,747	87,305	174,098	337,173	390,041	236,204	91,573	27,882	8,959	10,512	--
SLASH PINE	3,771,997	880,062	953,936	676,314	518,430	343,673	211,998	99,134	48,833	38,229	1,388
SHORTLEAF PINE	52,812	7,000	6,858	6,666	11,092	12,390	3,161	2,480	1,736	1,429	--
LOBLOLLY PINE	587,121	32,019	47,403	72,263	104,101	98,503	78,181	63,342	39,102	50,009	2,198
POND PINE	184,585	20,073	28,502	35,746	40,874	22,900	14,604	10,330	7,204	4,352	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--	--	--	--	--	--
SPRUCE PINE	38,157	1,188	1,779	4,239	5,839	459	7,630	9,247	4,378	3,398	--
SAND PINE	325,894	86,622	86,995	77,631	37,269	22,613	10,364	3,683	--	717	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--	--	--
BALDCYPRESS	554,209	40,521	59,406	70,176	78,209	75,562	58,805	57,008	39,709	56,731	18,082
PONDICYPRESS	1,773,899	252,243	373,742	379,557	303,274	210,544	115,091	55,480	36,129	39,898	7,941
CEDARS	77,677	7,503	9,330	13,601	13,032	14,840	10,400	6,144	1,179	1,648	--
TOTAL SOFTWOODS	8,730,098	1,414,536	1,742,049	1,673,366	1,502,161	1,037,688	601,807	334,730	187,229	206,923	29,609
HARDWOOD:											
SELECT WHITE OAKS	31,731	1,193	2,458	2,872	4,992	7,342	6,208	1,876	3,405	557	828
SELECT RED OAKS	4,177	386	--	581	687	723	--	--	695	1,105	--
CHESTNUT OAK	--	--	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	394,887	9,655	11,868	18,198	23,609	37,956	29,155	44,072	36,424	109,500	74,450
OTHER RED OAKS	1,034,546	92,523	123,344	150,427	138,573	125,646	96,976	83,542	53,699	125,788	44,028
HICKORY	123,892	5,546	13,661	12,419	19,730	22,615	15,009	15,494	6,573	11,133	1,712
YELLOW BIRCH	--	--	--	--	--	--	--	--	--	--	--
HARD MAPLE	13,027	170	1,330	1,078	2,848	1,443	2,289	3,016	853	--	--
SOFT MAPLE	370,500	35,998	49,172	58,229	68,919	56,856	41,386	24,369	13,218	20,649	1,704
BEECH	10,534	--	492	--	1,697	770	--	1,586	1,350	3,651	988
SWEETGUM	453,664	36,672	66,883	71,163	81,492	75,122	48,831	22,612	24,783	22,476	3,630
TUPELO AND BLACKGUM	1,339,581	139,190	160,201	184,157	222,078	199,110	139,357	100,806	74,332	102,179	18,171
ASH	313,323	35,650	38,340	51,632	43,067	43,763	33,972	25,930	22,452	17,690	827
COTTONWOOD	1,036	394	--	--	--	--	--	--	642	--	--
BASSWOOD	11,111	282	1,282	1,507	1,975	1,256	2,133	1,180	644	852	--
YELLOW-POPLAR	50,623	2,685	5,005	6,750	13,194	6,724	2,587	4,468	6,818	2,392	--
BAY AND MAGNOLIA	604,061	91,453	91,706	102,151	102,012	70,177	53,422	37,583	27,830	23,193	4,534
BLACK CHERRY	3,922	736	856	436	982	535	377	--	--	--	--
BLACK WALNUT	182	--	182	--	--	--	--	--	--	--	--
SYCAMORE	5,555	--	686	--	622	--	784	1,295	624	1,544	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--	--	--
ELM	72,141	6,020	10,045	9,893	10,192	13,715	7,113	5,714	3,696	4,758	995
OTHER EASTERN HARDWOODS	51,297	5,567	9,600	7,124	10,264	7,133	4,958	4,585	1,105	961	--
TOTAL HARDWOODS	4,889,790	464,120	587,111	678,617	746,933	670,886	484,557	378,128	279,143	448,428	151,867
ALL SPECIES	13,619,888	1,878,656	2,329,160	2,351,983	2,249,094	1,708,574	1,086,364	712,858	466,372	655,351	181,476

TABLE 16. -- VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES AND DIAMETER CLASS, 1980

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 AND LARGER
THOUSAND BOARD FEET									
SOFTWOOD:									
LONGLEAF PINE	5,331,988	1,370,921	1,876,651	1,260,688	527,142	169,692	56,876	70,018	--
SLASH PINE	9,047,785	2,512,239	2,377,267	1,786,018	1,203,196	596,467	308,075	254,349	10,174
SHORTLEAF PINE	189,080	24,655	49,188	63,040	17,581	14,820	10,663	9,133	--
LOBLOLLY PINE	2,607,144	254,061	459,636	498,283	433,355	374,358	242,633	329,280	15,538
POND PINE	646,998	133,241	185,771	116,674	80,362	59,747	43,694	27,509	--
VIRGINIA PINE	--	--	--	--	--	--	--	--	--
PITCH PINE	--	--	--	--	--	--	--	--	--
TABLE-MOUNTAIN PINE	--	--	--	--	--	--	--	--	--
SPRUCE PINE	174,252	18,486	27,202	2,259	38,189	47,290	22,779	18,047	--
SAND PINE	663,084	289,329	170,732	117,658	58,413	22,265	--	4,687	--
EASTERN WHITE PINE	--	--	--	--	--	--	--	--	--
EASTERN HEMLOCK	--	--	--	--	--	--	--	--	--
SPRUCE AND FIR	--	--	--	--	--	--	--	--	--
BALDCYPRESS	2,060,355	201,272	290,673	327,463	281,585	293,307	216,151	332,126	117,778
PONDCYPRESS	4,605,232	1,163,223	1,178,346	934,682	558,991	287,786	197,820	232,247	52,137
CEDARS	298,370	53,490	59,936	75,338	56,725	35,656	6,976	10,249	--
TOTAL SOFTWOODS	25,624,288	6,020,917	6,675,402	5,182,103	3,255,539	1,901,388	1,105,667	1,287,645	195,627
HARDWOOD:									
SELECT WHITE OAKS	108,427	--	16,643	28,352	27,519	9,586	17,229	3,490	5,608
SELECT RED OAKS	15,606	--	2,626	2,792	--	--	3,789	6,399	--
CHESTNUT OAK	--	--	--	--	--	--	--	--	--
OTHER WHITE OAKS	1,925,802	--	84,766	160,205	136,097	222,886	195,013	637,058	489,777
OTHER RED OAKS	3,247,371	--	520,024	546,433	459,112	426,297	288,597	727,789	279,119
HICKORY	408,605	--	67,037	91,399	67,233	75,730	34,646	62,047	10,513
YELLOW BIRCH	--	--	--	--	--	--	--	--	--
HARD MAPLE	44,159	--	10,611	5,919	9,957	13,644	4,028	--	--
SOFT MAPLE	887,331	--	215,793	212,427	171,206	108,696	62,738	106,920	9,551
BEECH	40,222	--	6,207	2,896	--	6,323	5,447	15,173	4,176
SWEETGUM	1,258,705	--	287,486	321,959	233,464	118,984	138,145	134,090	24,577
TUPELO AND BLACKGUM	3,663,386	--	706,941	766,280	613,548	486,998	384,589	584,695	120,335
ASH	782,153	--	139,323	168,557	146,111	120,130	110,036	93,255	4,741
COTTONWOOD	3,273	--	--	--	--	--	3,273	--	--
BASSWOOD	34,141	--	7,047	4,945	9,224	5,381	3,029	4,515	--
YELLOW-POPLAR	166,000	--	48,476	28,660	12,382	23,726	38,287	14,469	--
BAY AND MAGNOLIA	1,312,709	--	329,335	271,101	230,729	178,658	139,918	133,285	29,683
BLACK CHERRY	6,862	--	3,218	2,053	1,591	--	--	--	--
BLACK WALNUT	--	--	--	--	--	--	--	--	--
SYCAMORE	23,095	--	1,823	--	3,499	6,042	3,110	8,621	--
BLACK LOCUST	--	--	--	--	--	--	--	--	--
ELM	190,952	--	34,131	53,419	30,452	25,758	17,565	23,983	5,644
OTHER EASTERN HARDWOODS	108,345	--	32,056	25,725	20,362	20,269	5,118	4,815	--
TOTAL HARDWOODS	14,227,144	--	2,513,543	2,693,122	2,172,486	1,849,108	1,454,557	2,560,604	983,724
ALL SPECIES	39,851,432	6,020,917	9,188,945	7,875,225	5,428,025	3,750,496	2,560,224	3,848,249	1,179,351

TABLE 17. --NET ANNUAL GROWTH AND REMOVALS OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY SPECIES, 1979

SPECIES	NET ANNUAL GROWTH	ANNUAL TIMBER REMOVALS
- - THOUSAND CUBIC FEET - -		
SOFTWOOD:		
YELLOW PINES	543,892	426,912
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	58,506	25,332
OTHER EASTERN SOFTWOODS	3,355	1,381
TOTAL SOFTWOODS	605,753	453,625
HARDWOOD:		
SELECT WHITE AND RED OAKS	787	1,237
OTHER WHITE AND RED OAKS	60,628	34,942
HICKORY	3,960	4,341
YELLOW BIRCH	--	--
HARD MAPLE	489	400
SWEETGUM	17,696	12,802
ASH, WALNUT, AND BLACK CHERRY	8,840	4,514
YELLOW-POPLAR	2,336	1,139
TUPELO AND BLACKGUM	34,417	10,302
BAY AND MAGNOLIA	25,702	8,148
OTHER EASTERN HARDWOODS	24,890	10,262
TOTAL HARDWOODS	179,745	88,087
ALL SPECIES	785,498	541,712

TABLE 18. --NET ANNUAL GROWTH AND REMOVALS OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES, 1979

SPECIES	NET ANNUAL GROWTH	ANNUAL TIMBER REMOVALS
- - - THOUSAND BOARD FEET - - -		
SOFTWOOD:		
YELLOW PINES	1,711,384	1,362,853
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	250,916	86,361
OTHER EASTERN SOFTWOODS	15,842	4,707
TOTAL SOFTWOODS	1,978,142	1,453,921
HARDWOOD:		
SELECT WHITE AND RED OAKS	3,431	4,260
OTHER WHITE AND RED OAKS	242,750	130,161
HICKORY	17,658	18,079
YELLOW BIRCH	--	--
HARD MAPLE	2,079	1,246
SWEETGUM	64,405	35,987
ASH, WALNUT, AND BLACK CHERRY	30,204	15,225
YELLOW-POPLAR	11,200	5,073
TUPELO AND BLACKGUM	115,490	41,267
BAY AND MAGNOLIA	59,500	24,044
OTHER EASTERN HARDWOODS	75,594	25,423
TOTAL HARDWOODS	622,311	300,765
ALL SPECIES	2,600,453	1,754,686

TABLE 19. --MORTALITY OF GROWING STOCK AND SAWTIMBER ON COMMERCIAL
FOREST LAND, BY SPECIES, 1979

SPECIES	GROWING STOCK	SAWTIMBER
	THOUSAND CUBIC FEET	THOUSAND BOARD FEET
SOFTWOOD:		
YELLOW PINES	52,112	145,196
EASTERN WHITE PINE	--	--
SPRUCE AND FIR	--	--
CYPRESS	7,866	14,129
OTHER EASTERN SOFTWOODS	794	3,366
TOTAL SOFTWOODS	60,772	162,691
HARDWOOD:		
SELECT WHITE AND RED OAKS	376	1,649
OTHER WHITE AND RED OAKS	12,535	44,990
HICKORY	933	4,179
YELLOW BIRCH	--	--
HARD MAPLE	--	--
SWEETGUM	4,633	14,992
ASH, WALNUT, AND BLACK CHERRY	2,480	6,628
YELLOW-POPLAR	169	1,019
TUPELO AND BLACKGUM	10,206	30,848
BAY AND MAGNOLIA	5,570	16,255
OTHER EASTERN HARDWOODS	7,357	20,319
TOTAL HARDWOODS	44,259	140,879
ALL SPECIES	105,031	303,570

TABLE 20. --VOLUME OF ALL LIVE TREES AND GROWING STOCK ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1980

OWNERSHIP CLASS	ALL LIVE TREES					GROWING STOCK				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
THOUSAND CUBIC FEET										
NATIONAL FOREST	1,160,381	782,434	130,547	192,105	55,295	1,082,501	779,854	113,879	160,331	28,437
OTHER PUBLIC	1,231,292	626,919	171,745	230,200	202,428	1,068,660	622,579	165,440	183,472	97,169
FOREST INDUSTRY	4,139,425	1,757,543	595,306	1,084,558	702,018	3,751,392	1,748,892	572,921	923,780	505,799
FARMER	2,281,755	690,109	456,196	519,695	615,755	1,964,931	684,096	436,798	425,172	418,865
MISCELLANEOUS PRIVATE	6,588,269	2,506,534	1,166,912	1,459,104	1,455,719	5,752,404	2,488,892	1,116,747	1,248,420	898,345
ALL OWNERSHIPS	15,401,122	6,363,539	2,520,706	3,485,662	3,031,215	13,619,888	6,324,313	2,405,785	2,941,175	1,948,615

TABLE 21. --VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1980

OWNERSHIP CLASS	SMALL SAWTIMBER ¹					LARGE SAWTIMBER ²				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
THOUSAND BOARD FEET										
NATIONAL FOREST	2,497,297	2,144,749	213,904	119,886	18,758	997,039	460,707	174,736	286,341	75,255
OTHER PUBLIC	2,344,581	1,754,376	283,989	216,483	89,733	1,356,723	582,824	280,019	296,313	197,567
FOREST INDUSTRY	5,831,912	3,144,940	1,061,412	1,092,711	532,849	4,039,292	1,056,678	576,793	1,265,701	1,140,120
FARMER	3,178,301	1,482,351	811,378	489,000	395,572	2,842,206	819,279	424,365	550,385	1,048,177
MISCELLANEOUS PRIVATE	9,232,996	5,067,583	1,913,740	1,409,607	842,066	7,531,085	2,146,844	1,223,621	1,894,717	2,265,903
ALL OWNERSHIPS	23,085,087	13,593,999	4,284,423	3,327,687	1,878,978	16,766,345	5,066,332	2,679,534	4,293,457	4,727,022

¹ VOLUME OF SAWTIMBER TREES LESS THAN 15.0 INCHES AT D.B.H.² VOLUME OF SAWTIMBER TREES 15.0 INCHES AND LARGER AT D.B.H.

TABLE 22. --NET ANNUAL GROWTH AND REMOVALS OF GROWING STOCK ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1979

OWNERSHIP CLASS	NET ANNUAL GROWTH					ANNUAL TIMBER REMOVALS				
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
THOUSAND CUBIC FEET										
NATIONAL FOREST	60,377	51,098	2,365	5,756	1,158	21,854	20,870	64	224	696
OTHER PUBLIC	51,920	38,316	4,433	5,203	3,968	41,569	22,086	5,711	5,177	8,595
FOREST INDUSTRY	251,656	182,840	16,406	31,325	21,085	210,551	173,699	6,698	15,818	14,336
FARMER	94,900	51,313	10,225	15,873	17,489	65,357	48,133	3,349	8,532	5,349
MISCELLANEOUS PRIVATE	326,645	220,325	28,432	44,841	33,047	202,381	162,124	10,897	12,545	16,815
ALL OWNERSHIPS	785,498	543,892	61,861	102,998	76,747	541,712	426,912	26,713	42,296	45,791

TABLE 23. --NET ANNUAL GROWTH AND REMOVALS OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND SPECIES GROUP, 1979

TABLE 23. --NET ANNUAL GROWTH AND REMOVALS OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS AND REMOVAL TYPE, 1999										
OWNERSHIP CLASS	NET ANNUAL GROWTH				ANNUAL TIMBER REMOVALS					
	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD	ALL SPECIES	PINE	OTHER SOFTWOOD	SOFT HARDWOOD	HARD HARDWOOD
THOUSAND BOARD FEET										
NATIONAL FOREST	242,980	212,956	10,211	15,146	4,667	63,496	59,987	344	1,206	1,959
OTHER PUBLIC	215,051	158,163	25,428	18,392	13,068	156,590	84,336	22,433	14,825	34,996
FOREST INDUSTRY	670,848	421,156	62,102	100,487	87,103	675,707	548,081	20,148	51,899	34,279
FARMER	356,067	207,165	44,021	48,588	56,293	217,508	161,731	11,269	23,510	20,998
MISCELLANEOUS PRIVATE	1,115,507	711,944	124,996	141,601	136,966	641,385	508,718	36,874	39,030	56,763
ALL OWNERSHIPS	2,600,453	1,711,384	266,758	324,214	298,097	1,754,686	1,362,853	91,068	130,470	170,295

TABLE 24. --AVERAGE NET VOLUME PER ACRE OF SAWTIMBER, GROWING STOCK, AND OTHER LIVE TIMBER ON COMMERCIAL FOREST LAND, BY OWNERSHIP CLASS, MAJOR FOREST TYPE, AND SPECIES GROUP, 1980

FOREST TYPE, SPECIES GROUP, AND CLASS OF MATERIAL	ALL OWNERSHIPS		NATIONAL FOREST		OTHER PUBLIC		FOREST INDUSTRY		FARMER		MISC. PRIVATE	
	BOARD FEET	CUBIC FEET	BOARD FEET	CUBIC FEET	BOARD FEET	CUBIC FEET	BOARD FEET	CUBIC FEET	BOARD FEET	CUBIC FEET	BOARD FEET	CUBIC FEET
PINE TYPES:												
GROWING STOCK:												
SOFTWOOD	1,861	689	2,911	889	2,907	800	1,180	551	2,706	905	1,797	694
HARDWOOD	48	26	40	23	81	41	24	17	144	65	47	24
TOTAL	1,909	715	2,951	912	2,988	841	1,204	568	2,850	970	1,844	718
OTHER TIMBER:												
SOFTWOOD	--	4	--	4	--	5	--	3	--	9	--	5
HARDWOOD	--	13	--	16	--	30	--	3	--	26	--	13
TOTAL	--	17	--	20	--	35	--	8	--	35	--	18
OAK-PINE TYPES:												
GROWING STOCK:												
SOFTWOOD	2,112	528	1,724	444	2,105	493	2,448	666	2,261	533	1,931	474
HARDWOOD	571	239	109	107	111	72	704	277	1,167	427	458	209
TOTAL	2,683	767	1,833	551	2,216	565	3,152	943	3,428	960	2,389	683
OTHER TIMBER:												
SOFTWOOD	--	9	--	4	--	15	--	13	--	6	--	8
HARDWOOD	--	110	--	68	--	90	--	75	--	132	--	130
TOTAL	--	119	--	72	--	105	--	88	--	138	--	138
UPLAND HARDWOOD TYPES:												
GROWING STOCK:												
SOFTWOOD	237	55	548	143	371	85	136	36	325	70	201	47
HARDWOOD	1,241	366	274	121	327	117	1,502	473	1,974	597	1,095	306
TOTAL	1,478	421	822	264	698	202	1,638	509	2,299	667	1,296	353
OTHER TIMBER:												
SOFTWOOD	--	2	--	--	--	2	--	1	--	1	--	2
HARDWOOD	--	194	--	58	--	156	--	164	--	213	--	205
TOTAL	--	196	--	58	--	158	--	165	--	214	--	207
BOTTOMLAND HARDWOOD TYPES:												
GROWING STOCK:												
SOFTWOOD	1,762	577	2,448	663	2,344	674	1,396	459	1,891	640	1,823	611
HARDWOOD	2,427	833	2,714	955	2,831	933	2,638	924	1,895	664	2,408	813
TOTAL	4,189	1,410	5,162	1,618	5,175	1,607	4,034	1,383	3,786	1,304	4,231	1,424
OTHER TIMBER:												
SOFTWOOD	--	24	--	93	--	20	--	15	--	26	--	23
HARDWOOD	--	223	--	230	--	375	--	217	--	228	--	205
TOTAL	--	247	--	323	--	395	--	232	--	254	--	228
ALL TYPES:												
GROWING STOCK:												
SOFTWOOD	1,636	557	2,694	804	2,323	631	1,262	502	1,845	585	1,531	533
HARDWOOD	908	312	450	170	641	225	871	309	1,295	440	949	318
TOTAL	2,544	869	3,144	974	2,964	856	2,133	811	3,140	1,025	2,480	851
OTHER TIMBER:												
SOFTWOOD	--	10	--	17	--	8	--	7	--	13	--	10
HARDWOOD	--	104	--	53	--	122	--	77	--	152	--	114
TOTAL	--	114	--	70	--	130	--	84	--	165	--	124
ALL TIMBER	2,544	983	3,144	1,044	2,964	986	2,133	895	3,140	1,190	2,480	975

'ROUGH AND ROTTEN TREES.

TABLE 25. --LAND AREA, BY CLASS, MAJOR FOREST TYPE, AND SURVEY COMPLETION DATE, 1959, 1970, AND 1980

LAND USE CLASS	SURVEY COMPLETION DATE			CHANGE 1970-1980
	1959	1970	1980	
- - - - - ACRES - - - - -				
FOREST LAND:				
COMMERCIAL FOREST LAND:				
PINE AND OAK-PINE TYPES	9,546,500	9,567,984	9,193,657	-374,327
HARDWOOD TYPES	7,625,500	6,693,255	6,470,520	-222,735
TOTAL	17,172,000	16,261,239	15,664,177	-597,062
NONCOMMERCIAL FOREST LAND:				
PRODUCTIVE-RESERVED	92,700	94,200	411,844	+317,644
UNPRODUCTIVE	1,785,000	1,590,744	1,057,868	-532,876
TOTAL	1,877,700	1,684,944	1,469,712	-215,232
NONFOREST LAND:				
CROPLAND	3,554,100	3,671,347	3,784,515	+113,168
PASTURE AND RANGE	5,028,900	6,456,018	6,991,503	+535,485
OTHER	6,740,200	6,464,601	6,622,456	+157,855
TOTAL	15,323,200	16,591,966	17,398,474	+806,508
ALL LAND ¹	34,372,900	34,538,149	34,532,363	- 5,786

¹ EXCLUDES ALL WATER AREAS.

TABLE 26. --VOLUME OF SAWTIMBER, GROWING STOCK, AND ALL LIVE TIMBER ON COMMERCIAL FOREST LAND, BY SPECIES GROUP, DIAMETER CLASS, AND SURVEY COMPLETION DATE

SPECIES GROUP	YEAR	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 AND LARGER
SAWTIMBER (IN THOUSAND BOARD FEET)											
SOFTWOOD	1959	16,635,191	--	--	4,556,355	4,916,137	3,303,158	1,777,636	953,236	547,500	581,169
	1970	21,318,122	--	--	5,337,545	5,881,972	4,440,602	2,621,831	1,494,474	701,341	840,357
	1980	25,624,288	--	--	6,020,917	6,675,402	5,182,103	3,255,539	1,901,388	1,105,667	1,483,272
HARDWOOD	1959	10,763,188	--	--	--	1,973,443	2,164,137	1,772,136	1,393,506	1,088,852	2,371,114
	1970	12,198,445	--	--	--	2,178,883	2,327,495	1,975,498	1,641,546	1,227,416	2,847,607
	1980	14,227,144	--	--	--	2,513,543	2,693,122	2,172,486	1,849,108	1,454,557	3,544,328
GROWING STOCK (IN THOUSAND CUBIC FEET)											
SOFTWOOD	1959	5,795,048	869,376	1,205,946	1,265,176	1,108,117	663,140	328,621	167,991	93,378	93,303
	1970	7,298,292	1,180,012	1,421,858	1,481,678	1,323,259	890,916	484,768	262,849	118,938	134,014
	1980	8,730,098	1,414,536	1,742,049	1,673,366	1,502,161	1,037,688	601,807	334,730	187,229	236,532
HARDWOOD	1959	3,854,299	377,988	480,096	580,640	586,461	539,017	394,948	284,884	208,927	401,338
	1970	4,257,423	403,709	533,935	599,109	647,386	579,875	440,445	335,556	235,533	481,875
	1980	4,889,790	464,120	587,111	678,617	746,933	670,886	484,557	378,128	279,143	600,295
ALL LIVE TIMBER (IN THOUSAND CUBIC FEET)											
SOFTWOOD	1959	5,905,963	904,644	1,232,144	1,285,497	1,118,922	669,061	332,542	168,920	93,933	100,300
	1970	7,428,788	1,216,847	1,452,555	1,505,448	1,335,960	898,689	490,539	264,409	119,767	144,574
	1980	8,884,245	1,453,753	1,777,340	1,699,853	1,517,428	1,047,053	608,891	336,610	188,534	254,783
HARDWOOD	1959	5,138,493	617,222	693,381	777,793	734,772	655,453	491,008	346,794	266,228	555,842
	1970	5,670,378	651,720	769,437	803,796	809,463	707,388	549,469	408,780	300,417	669,908
	1980	6,516,877	744,647	847,130	909,764	934,285	817,264	606,061	462,249	357,201	838,276

* TO PROVIDE A BASIS FOR VALID COMPARISONS, ADJUSTMENTS HAVE BEEN MADE TO ALLOW FOR DIFFERENCES IN VOLUME TABLES AND SAWTIMBER SPECIFICATIONS USED IN PREVIOUS SURVEYS.

Bechtold, William A., and Raymond M. Sheffield.

1981. Forest statistics for Florida, 1980. USDA For. Serv., Resour. Bull. SE-58, 40 p. Southeast. For. Exp. Stn., Asheville, N.C.

Since the fourth inventory of Florida's forest resources in 1970, area of commercial forest has declined by 597,000 acres, or 4 percent. Commercial forest now occupies 15.7 million acres, or 45 percent of the total land area. The ratio of pine types to hardwood types has remained the same, because declines in the total commercial forest were proportionately distributed between these types. Average basal area of all live trees 5.0 inches and larger has increased from 43 to 53 square feet per acre. Volume of growing stock has increased 20 percent for softwoods and 15 percent for hardwoods. Slash pine volume has increased by 35 percent, while longleaf pine volume has decreased by 8 percent. Net annual growth of growing stock averaged 50 cubic feet per acre, up by 17 cubic feet per acre since 1969. Annual removals of growing stock averaged 69 percent of net annual growth.

KEYWORDS: Forest trends, commercial forest land, forest ownership, timber volume, timber growth, timber removals.

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