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# Forest Statistics for Georgia, 1997

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## Foreword

This report highlights the principal findings of the seventh forest survey of Georgia. Field work began in November 1995 and was completed in April 1998. Six previous surveys, completed in 1936, 1953, 1961, 1972, 1982, and 1989 provide statistics for measuring changes and trends over the past 62 years. This report primarily emphasizes the changes and trends since 1989.

Periodic surveys of forest resources are authorized by the Forest and Rangeland Renewable Resources Research Act of 1978. These surveys are a continuing, nationwide undertaking by the Regional Experiment Stations of the U.S. Department of Agriculture, Forest Service. In the Southern United States, these surveys are conducted by the Forest Inventory and Analysis (FIA) Research Work Unit at the Southern Research Station, Asheville, NC. The FIA unit operates out of two locations, one in Starkville, MS, and the other in Asheville, NC, and is responsible for inventories of 13 Southern States and the Commonwealth of Puerto Rico. The primary objective of these surveys is to periodically inventory and evaluate all forest and related resources. These multiresource data help provide a basis for formulating forest policies and programs and for the orderly development and use of the resources. This report discusses the extent and condition of forest land, associated timber volumes, and rates of timber growth, mortality, and removals.

Additional information about any aspect of this survey may be obtained from:

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## Acknowledgment

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The following people are responsible for collecting field data:

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<sup>a</sup> All tables in this report are available in Microsoft® Excel workbook files. Upon request, these files will be supplied on 3½-inch diskettes.

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Figure 1—Forest survey regions in Georgia.

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## Highlights

This report summarizes results from a 1997 inventory of the forest resources of Georgia (fig. 1). Current estimates of forest area, timberland area, related classifications such as ownership and forest type, and timber volumes are presented and compared with previous estimates. Average annual rates of net growth, removals, and mortality are summarized since the previous inventory in 1989. Resource data are presented in 51 tables and 9 graphs. A summary of major findings follows.

**Timberland area**—The area classified as timberland has increased by less than 1 percent, or by 165,000 acres, since 1989 and now totals 23.8 million acres. Land use changes occurred on 2.0 million acres. Nine hundred and twenty-nine thousand acres of diversions were offset by 1.1 million acres of additions to the timberland base. Tree planting and natural seeding on agricultural land accounted for almost all of the additions. Fifty-six percent of the diversions were the result of forest land conversion to urban and related land uses. Forest clearing for agricultural purposes accounted for 28 percent of the diversions. Forests cover 66 percent of the land area in Georgia. Reserved forest land accounts for 595,000 acres.

**Ownership**—The area of timberland increased 6 percent on nonindustrial private forest (NIPF) land and totals 17.1 million acres. Timberland controlled by the NIPF sector accounts for 72 percent of the total timberland in Georgia. Timberland under forest industry control dropped 17 percent to 4.9 million acres. Public agencies control 1.8 million acres, or 7 percent of total timberland, an increase of 6 percent since 1989.

**Forest type**—Forest stands classified as a pine forest type occupy 10.6 million acres, or 45 percent of timberland in the State. Pine stands have declined 2 percent since 1989. The only major pine type to increase was loblolly pine, which increased 14 percent to 6.5 million acres. Slash pine dropped 15 percent to 3.0 million acres and longleaf pine declined 23 percent to 376,000 acres. Planted pine stands increased from 5.0 to 6.1 million acres and now account for 57 percent of all pine stands in

Georgia. Oak-pine stands increased 17 percent to 3.6 million acres. Hardwood stands were up 1 percent to 9.2 million acres. The predominant hardwood type of oak-hickory decreased 12 percent to 4.8 million acres. Oak-gum-cypress increased 13 percent to 3.6 million acres. Hardwood types currently account for 39 percent of timberland in the State.

**Stand treatment**—Harvesting and regeneration have been the predominant treatment and management activities in the timberland of Georgia since 1989. Final harvests occurred on 446,000 acres annually; 65 percent of the harvesting activity was in pine stands, 25 percent in hardwood stands, and 10 percent in oak-pine stands. The area of new stands exceeded the area harvested by 25 percent. Reforestation and afforestation combined averaged 559,000 acres annually. Fifty-five percent (308,000 acres) involved planting activities.

**Softwood volume**—Volume of softwood growing stock decreased 3 percent to 15.2 billion cubic feet between 1989 and 1997. Softwood volume decreased 4 percent to 9.9 billion cubic feet on NIPF land and dropped 8 percent to 3.6 billion cubic feet on forest industry land. Softwood volume on public land increased 18 percent to 1.7 billion cubic feet. Loblolly pine increased 12 percent to 8.0 billion cubic feet and continues to be the most predominant species in the State with 52 percent of current softwood inventory. Second in abundance, slash pine declined 10 percent to 3.5 billion cubic feet. The most severe decline in softwood volume occurred in shortleaf pine—a major species in North Georgia and North Central Georgia—which fell by 36 percent to 1.0 billion cubic feet. Longleaf pine volume also declined; down 24 percent to 685 million cubic feet. The inventory of softwood sawtimber totals 53.2 billion board feet.

**Hardwood volume**—Volume of hardwood growing stock increased 7 percent to 16.5 billion cubic feet. Hardwood volume increased 9 percent to 12.5 billion cubic feet on NIPF land and increased 15 percent to 1.8 billion cubic feet on public land. Hardwood volume declined 6 percent to 2.1 billion cubic feet on forest industry land. Oak species collectively account for 7 billion cubic feet, or 42 percent of hardwood volume;

volume in oaks has increased 14 percent since 1989. Volume in sweetgum has increased 5 percent to 2.4 billion cubic feet and yellow-poplar was up 21 percent to 2.0 billion cubic feet. The inventory of hardwood sawtimber totals 51 billion board feet.

**Growth**—Net annual growth of softwood growing stock averaged 1.0 billion cubic feet. Net annual growth of softwoods has increased 26 percent since the previous survey period, reversing the trend recorded in the previous survey period where softwood growth declined 15 percent. Softwood growth increased across all ownership categories. Net annual growth of softwoods in pine plantations increased 62 percent to 549 million cubic feet.

Net annual growth of hardwood growing stock averaged 523 million cubic feet. Hardwood growth increased 14 percent since the previous survey period. The increase in hardwood growth represents a turnaround from that recorded in the previous survey period where hardwood growth declined by 11 percent.

**Removals**—Annual removals of softwood growing stock averaged 1.1 billion cubic feet. Softwood removals have increased 13 percent since the previous survey period. Sixty-four percent of softwood removals occurred on NIPF land; 32 percent on forest industry land, and 4 percent on public land. Across all ownerships, softwood removals exceeded growth by 5 percent, compared to the growth-to-removal relationship recorded in 1989 when softwood removals exceeded growth by 17 percent.

Annual removals of hardwood growing stock averaged 391 million cubic feet. Hardwood removals have increased 14 percent since the previous survey period. Seventy-seven percent of hardwood removals occurred on NIPF land, 15 percent on forest industry land, and 8 percent on public land. Across all ownerships, hardwood growth exceeded removals by 34 percent.

**Mortality**—Mortality of growing stock has increased 1 percent to 302 million cubic feet since 1989. Softwood mortality increased 7 percent to 160 million cubic feet; hardwood mortality declined 17 percent to 142 million cubic feet.

## Inventory Methods

The Southern Research Station, Forest Inventory and Analysis (FIA) unit uses a two-phase sample of aerial-photo points and permanent ground plots. The area of forest land in each county was determined by photo interpretation of aerial-photo point clusters. Initial estimates of forest and nonforest land were based on the classification of 367,200 sample clusters systematically spaced on the latest aerial photographs available. A subsample of the photo clusters was ground checked so initial area estimates could be adjusted for change in land use since date of photography and for photo misclassification.

The plot design at each ground sample location was based on a cluster of four points spaced 120 feet apart. Each point served as the center of a 1/24-acre circular subplot used to sample trees 5.0 inches diameter at breast height (d.b.h.) and larger. A 1/300-acre circular microplot, located at the center of the subplot, was used to sample trees 1.0 through 4.9 inches d.b.h. and seedlings (trees less than 1.0 inch d.b.h.). These fixed-radius sample plots were established without regard to land use or forest cover. Forest and nonforest condition classes were delineated and recorded. Condition classes were defined by six attributes: land use, forest type, stand origin, stand size, stand density, and major ownership category. All trees tallied were assigned to their respective condition class.

The cluster of four fixed plots sampled timberland at 6,307 ground sample locations in this survey unit. Estimates of timber volume and forest classification were derived from tree measurements and classifications made at these locations. Volumes for individual tally trees were computed using equations for each of the major species in the survey unit. The equations were developed from detailed measurements collected on standing trees in this survey unit and throughout the region.

Estimates of growth, removals, and mortality were determined from the remeasurement of 5,386 permanent sample plots established in the previous inventory. The plot design for the previous inventory was based on a cluster of 10 points. Variable plots were systematically spaced within a single forest condition at three to five points. At each point, trees 5.0 inches d.b.h. and larger were selected for measurement on a variable-radius plot defined by a 37.5-factor prism. Trees less than 5.0 inches d.b.h. were tallied on a fixed-radius plot around each plot center.



## Statistical Reliability

FIA inventories employ sampling methods designed to achieve reliable statistics at the survey unit and State levels. A measure of reliability of inventory statistics is provided by sampling errors. These sampling errors mean that the chances are two out of three that the true population value is within the limits indicated by a confidence interval. Sampling errors (in percent) and associated confidence intervals around the sample estimates for timberland area, inventory volumes, and components of change are presented in the following table.

Item	Sample estimate and confidence interval	Sampling error	
			<i>Percent</i>
<b>Timberland (1,000 acres)</b>	23,796.1 ±	50.9	0.21
<b>All live (M ft<sup>3</sup>)</b>			
Inventory	33,661.4 ±	464.1	1.38
Net annual growth	1,580.6 ±	21.2	1.34
Annual removals	1,527.3 ±	41.2	2.70
Annual mortality	359.3 ±	11.3	3.15
<b>Growing stock (M ft<sup>3</sup>)</b>			
Inventory	31,704.0 ±	453.4	1.43
Net annual growth	1,552.8 ±	20.9	1.35
Annual removals	1,476.7 ±	40.2	2.72
Annual mortality	301.8 ±	10.5	3.48
<b>Sawtimber (M fbm)</b>			
Inventory	104,479.1 ±	2,199.6	2.11
Net annual growth	5,562.5 ±	90.8	1.63
Annual removals	5,205.8 ±	163.9	3.15
Annual mortality	999.2 ±	43.8	4.38

Sampling error increases as the area or volume considered decreases in magnitude. Sampling errors and associated confidence intervals are often unacceptably high for small components of the total resource. Statistical confidence may be computed for any subdivision of survey unit or State totals using the following formula. Sampling errors obtained from this method are only approximations of reliability because this process assumes constant variance across all subdivisions of totals.

$$SE_s = SE_t \frac{\sqrt{X_t}}{\sqrt{X_s}},$$

where

$SE_s$  = sampling error for subdivision of survey unit or State total,

$SE_t$  = sampling error for survey unit or State total,

$X_s$  = sum of values for the variable of interest (area or volume) for subdivision of survey unit or State,

$X_t$  = total area or volume for survey unit or State.

For example, the estimate of sampling error for softwood growing-stock volume on forest industry (including leased) timberland is computed as:

$$SE_s = 1.43 \frac{\sqrt{31,704.0}}{\sqrt{5,675.9}} = 3.37.$$

Thus, the sampling error is 3.37 percent, and the resulting confidence interval (two times out of three) for growing-stock inventory on forest industry (including leased) timberland is 5,675.9 ± 191.3 million cubic feet.

County statistics are provided, but users are cautioned that the accuracy of individual county data is highly variable. Individual county statistics are provided so any combination of counties may be added together until the totals are large enough to meet the desired degree of reliability. Sampling errors for key resource items for individual counties are provided in the following table.

**Sampling errors<sup>a</sup> by counties and survey unit for timberland, live trees, growing stock, and sawtimber, Georgia, 1997**

Counties and survey unit	Timberland area	Live trees			Growing stock			Sawtimber		
		Volume	Growth	Removals	Volume	Growth	Removals	Volume	Growth	Removals
<i>Percent</i>										
Appling	1.87	11.17	10.83	26.76	11.30	11.01	26.76	16.03	14.12	30.97
Atkinson	1.70	15.63	12.12	26.83	15.78	12.06	25.98	25.13	21.70	36.49
Bacon	3.02	20.39	14.87	26.33	20.47	15.58	26.33	27.45	21.39	38.43
Baker	2.52	11.97	16.00	36.42	11.40	14.70	37.02	13.23	14.78	38.12
Baldwin	4.70	17.24	14.00	31.58	17.72	13.37	32.20	26.64	20.63	37.46
Banks	2.13	17.25	44.58	44.67	17.73	44.38	45.41	22.50	40.21	43.98
Barrow	5.48	20.26	16.16	27.47	21.12	16.59	27.47	22.54	17.67	31.88
Bartow	2.61	15.62	17.85	31.12	15.98	18.41	31.65	22.42	23.56	34.86
Ben Hill	2.55	24.65	15.40	25.74	24.95	15.31	25.72	41.31	23.78	37.62
Berrien	1.80	11.91	9.27	25.38	12.11	9.46	25.96	16.06	12.40	26.77
Bibb	6.25	17.75	53.62	55.62	19.09	54.41	55.37	28.81	42.33	55.98
Bleckley	5.50	19.92	22.29	69.00	20.57	22.63	65.49	30.23	27.56	61.82
Brantley	0.69	10.84	12.83	24.39	11.10	12.56	24.67	16.45	19.46	34.66
Brooks	2.66	14.35	13.28	23.17	14.90	13.13	23.59	20.75	16.46	25.60
Bryan	1.39	9.53	11.46	34.00	9.80	11.64	34.49	11.48	14.24	41.57
Bulloch	2.41	10.82	12.57	27.59	11.25	12.23	27.98	15.90	14.88	29.34
Burke	2.14	15.37	13.55	26.00	16.05	13.77	26.34	25.18	17.42	26.40
Butts	1.76	15.00	22.32	48.06	12.68	21.91	48.06	17.04	25.73	61.24
Calhoun	4.80	17.45	16.59	51.64	18.01	18.48	52.25	23.75	20.81	46.37
Camden	1.93	10.97	12.77	21.31	11.29	12.53	21.43	14.53	15.55	23.56
Candler	2.69	21.25	25.80	42.35	22.44	27.03	41.47	28.41	23.39	43.62
Carroll	2.37	10.26	16.65	29.27	10.38	16.68	29.87	15.21	16.72	30.68
Catoosa	7.42	22.24	33.34	47.84	22.51	29.78	47.84	34.68	44.53	72.92
Charlton	1.13	11.93	9.09	14.75	11.68	9.41	14.77	18.50	13.73	20.87
Chatham	6.10	16.86	32.64	34.29	18.51	29.90	34.51	25.68	37.40	44.11
Chattahoochee	1.12	16.69	19.70	42.95	17.06	21.05	45.23	18.48	35.95	54.93
Chattooga	2.84	14.08	16.96	56.54	14.08	17.59	62.12	21.33	23.04	65.05
Cherokee	4.43	11.70	23.05	33.72	11.72	23.37	33.94	17.11	20.84	40.99
Clarke	4.22	9.24	24.58	100.09	9.54	24.83	100.09	12.55	29.29	17.16
Clay	4.07	17.98	15.79	37.59	19.28	17.13	39.74	23.40	23.69	53.40
Clayton	8.24	26.07	37.92	56.42	26.26	37.38	58.01	32.54	44.60	64.44
Clinch	0.28	8.14	7.66	21.56	7.99	7.81	21.39	12.25	11.01	29.22
Cobb	12.66	16.84	19.98	32.34	16.93	19.74	32.37	18.37	19.26	35.25
Coffee	2.06	14.76	14.49	23.92	15.26	14.80	24.16	24.39	19.74	27.35
Colquitt	2.42	13.29	11.97	26.12	13.44	11.57	26.28	15.94	15.67	29.06
Columbia	3.87	12.83	16.78	36.53	13.11	16.48	36.66	17.00	19.47	43.52
Cook	3.76	25.94	18.58	53.35	27.83	19.35	53.64	22.86	20.38	62.01
Coweta	1.95	10.65	18.01	40.28	11.04	15.96	41.03	19.66	22.08	44.24
Crawford	1.33	16.01	12.32	29.67	16.16	13.12	29.71	26.96	21.98	34.80
Crisp	3.50	19.71	21.17	56.78	20.44	21.62	56.97	24.53	22.14	59.27
Dade	2.78	12.95	23.64	—	13.11	27.21	—	17.49	23.01	—
Dawson	2.62	11.98	25.08	68.85	12.38	25.87	69.90	15.12	16.43	67.51
Decatur	2.51	9.30	11.82	25.78	9.49	12.12	26.43	12.74	11.93	27.77
DeKalb	8.05	15.58	20.86	68.57	16.14	20.06	68.57	19.49	24.01	76.02
Dodge	2.28	12.30	13.78	27.14	12.59	12.70	27.83	17.85	17.59	27.80
Dooly	3.01	21.94	17.11	36.96	22.51	15.28	37.20	26.90	24.27	37.50
Dougherty	3.89	17.01	16.03	48.84	17.44	15.34	49.19	19.09	21.61	54.57
Douglas	3.36	11.72	24.35	63.29	12.26	20.82	63.29	17.63	23.05	67.43
Early	2.57	12.71	10.44	31.39	12.50	10.67	31.57	15.02	18.14	35.65
Echols	0.57	10.94	10.49	23.04	10.83	10.53	23.50	17.38	15.09	28.53
Effingham	1.04	13.70	12.38	24.01	13.78	12.58	24.01	18.64	15.89	27.28
Elbert	1.66	13.14	20.34	44.46	13.68	21.04	43.91	22.06	17.11	53.20
Emanuel	1.14	9.29	8.57	23.51	9.60	8.61	23.37	13.68	11.14	27.64

continued

**Sampling errors<sup>a</sup> by counties and survey unit for timberland, live trees, growing stock, and sawtimber, Georgia, 1997—Continued**

Counties and survey unit	Timberland area	Live trees			Growing stock			Sawtimber		
		Volume	Growth	Removals	Volume	Growth	Removals	Volume	Growth	Removals
		<i>Percent</i>								
Evans	4.55	16.87	17.37	69.03	17.17	18.37	69.03	24.52	25.98	100.11
Fannin	1.36	8.44	13.07	52.97	8.91	12.66	53.23	12.04	15.17	52.94
Fayette	4.02	21.36	20.19	46.77	20.90	18.80	46.77	28.73	29.53	47.69
Floyd	2.13	13.24	39.17	38.07	13.94	37.22	38.50	21.17	42.55	46.76
Forsyth	7.34	21.76	18.05	39.11	22.22	19.02	39.11	29.99	24.49	37.44
Franklin	4.21	16.14	17.77	53.27	16.74	18.57	54.83	20.03	21.82	61.96
Fulton	6.69	13.43	13.21	27.61	13.71	13.51	27.25	16.64	14.95	27.56
Gilmer	0.81	7.04	10.88	45.24	7.87	10.84	46.37	11.97	13.74	43.97
Glascocok	5.98	21.37	24.14	47.14	20.70	27.82	47.23	28.45	24.00	44.49
Glynn	2.95	13.20	17.77	29.52	13.71	17.96	29.97	17.98	23.67	37.87
Gordon	2.81	16.32	21.43	47.16	16.66	20.26	46.70	30.19	22.39	52.14
Grady	2.22	10.71	16.15	28.46	10.88	14.69	29.24	14.21	16.36	31.73
Greene	1.61	11.43	9.57	23.61	11.60	9.33	23.55	15.61	11.20	26.26
Gwinnett	4.98	16.63	16.72	35.76	17.04	16.22	36.01	23.31	13.87	36.39
Habersham	2.41	9.42	15.29	43.05	9.90	15.89	42.76	11.92	18.70	42.35
Hall	3.56	13.08	25.19	46.97	13.57	25.74	48.38	16.71	21.74	57.62
Hancock	0.57	9.84	9.71	19.86	10.18	10.05	19.98	16.07	13.33	25.41
Haralson	2.01	17.07	17.29	27.04	17.33	17.10	27.08	23.95	20.39	31.00
Harris	1.50	11.05	14.62	29.41	11.24	14.54	30.27	18.33	17.59	35.88
Hart	6.85	17.16	20.16	100.29	17.03	19.28	100.29	22.72	25.31	—
Heard	1.65	13.42	15.10	35.24	13.43	15.02	34.75	18.72	18.40	37.02
Henry	4.32	12.53	13.43	27.00	12.68	13.75	26.89	17.44	17.50	30.83
Houston	3.92	18.39	18.41	79.21	18.37	18.58	79.21	27.19	24.72	85.69
Irwin	2.67	15.24	16.48	49.94	15.47	16.05	49.49	19.83	21.45	53.81
Jackson	1.77	17.53	27.89	36.80	17.88	25.06	36.80	23.81	26.59	38.96
Jasper	1.89	9.71	17.53	32.55	9.86	17.06	32.60	16.47	19.51	35.93
Jeff Davis	2.75	15.78	14.13	38.71	16.28	14.60	38.71	25.70	22.13	49.61
Jefferson	3.44	14.05	14.39	32.62	14.23	14.84	32.75	18.08	19.10	32.81
Jenkins	2.39	14.04	13.74	32.16	14.52	13.49	32.45	17.74	18.56	35.63
Johnson	2.80	12.76	14.66	31.77	13.23	14.43	31.62	19.46	23.69	35.20
Jones	2.54	12.94	12.67	22.68	13.11	12.89	22.68	17.82	13.79	24.90
Lamar	2.41	29.84	43.71	56.33	30.79	34.65	53.95	48.09	51.28	55.72
Lanier	2.59	18.18	19.93	38.54	17.11	20.46	38.54	25.28	22.89	57.93
Laurens	1.84	10.22	8.82	22.21	10.35	9.26	22.90	14.11	13.75	24.34
Lee	4.74	19.58	26.17	39.07	22.00	24.15	37.91	30.59	30.34	36.72
Liberty	1.63	8.66	11.81	31.89	8.96	11.28	31.93	11.77	14.80	34.43
Lincoln	1.48	15.82	21.90	36.65	16.23	21.28	36.98	21.37	18.90	39.90
Long	0.96	10.49	11.51	26.76	10.54	11.22	27.58	14.00	14.55	32.38
Lowndes	1.86	8.95	10.69	24.85	9.13	11.08	24.78	12.25	13.22	24.71
Lumpkin	4.61	12.25	18.13	49.41	12.97	17.95	51.99	19.09	23.70	53.90
Macon	3.97	18.97	16.46	36.22	20.17	16.62	37.02	24.74	20.63	42.61
Madison	3.69	12.06	26.95	60.14	12.39	28.21	63.71	19.94	28.31	91.72
Marion	1.57	16.92	22.84	40.62	18.58	24.31	44.27	25.48	23.77	55.36
McDuffie	5.33	15.07	19.31	35.19	15.33	18.82	36.24	21.61	22.24	36.67
McIntosh	2.24	11.97	15.04	28.28	12.62	15.00	28.09	17.25	18.70	31.14
Meriwether	1.25	10.15	12.83	23.53	10.74	13.01	23.35	15.06	12.91	25.56
Miller	5.55	25.30	20.85	55.17	27.20	23.37	55.56	36.00	31.45	49.87
Mitchell	3.44	17.95	13.91	35.48	18.03	14.18	35.13	23.78	19.43	36.15
Monroe	2.82	10.54	11.66	28.79	11.02	11.98	28.69	18.64	17.49	34.14
Montgomery	2.41	16.08	16.67	31.73	16.80	15.97	31.94	23.87	19.50	36.58
Morgan	1.94	12.30	13.37	26.74	12.72	14.00	26.73	17.19	18.98	27.64
Murray	2.56	10.16	13.48	55.99	10.65	13.04	57.26	15.94	15.77	65.28
Muscogee	3.90	21.83	34.89	52.32	22.77	29.43	52.52	26.34	40.11	51.61

continued

**Sampling errors<sup>a</sup> by counties and survey unit for timberland, live trees, growing stock, and sawtimber, Georgia, 1997—Continued**

Counties and survey unit	Timberland area	Live trees			Growing stock			Sawtimber		
		Volume	Growth	Removals	Volume	Growth	Removals	Volume	Growth	Removals
<i>Percent</i>										
Newton	2.96	13.33	28.40	32.42	13.73	30.53	32.14	16.42	19.28	30.23
Oconee	7.39	16.38	88.78	47.17	17.19	109.76	47.17	20.01	53.67	47.06
Oglethorpe	1.79	16.50	15.62	21.43	16.65	16.01	21.30	25.80	14.66	23.76
Paulding	3.71	15.05	16.64	35.16	15.72	16.45	35.58	20.84	25.81	39.98
Peach	6.23	29.39	37.97	—	25.51	35.77	—	29.96	75.24	—
Pickens	3.29	13.70	27.87	44.25	13.94	29.95	44.70	20.16	29.16	48.44
Pierce	2.43	15.43	13.73	32.44	15.21	13.33	33.28	19.33	20.42	35.93
Pike	2.83	14.03	18.16	43.67	14.78	20.10	43.67	18.83	24.77	48.05
Polk	2.12	15.69	26.69	33.98	16.17	25.95	34.13	21.72	19.29	32.26
Pulaski	3.11	21.83	19.05	40.28	22.17	20.04	40.63	26.55	26.94	41.63
Putnam	1.78	11.58	12.53	30.36	11.74	12.71	30.70	17.62	17.78	38.72
Quitman	2.19	19.36	19.63	47.96	19.50	19.74	50.78	28.93	21.50	70.38
Rabun	2.09	8.13	15.75	78.90	8.70	15.88	78.90	12.58	17.97	90.20
Randolph	3.13	14.77	17.37	34.89	15.16	16.96	34.17	20.16	17.29	36.76
Richmond	3.87	16.10	17.69	46.62	16.56	17.50	47.55	21.45	19.20	56.46
Rockdale	7.35	23.42	28.61	50.91	26.19	29.80	50.91	37.44	25.08	47.90
Schley	1.37	22.49	15.41	38.79	23.48	16.17	39.30	30.37	21.39	40.87
Screven	2.27	11.86	11.55	21.66	12.00	11.54	21.52	14.91	14.78	25.10
Seminole	6.84	26.45	28.92	66.47	27.64	31.88	72.55	35.43	34.42	75.80
Spalding	3.14	17.65	13.69	34.60	18.87	16.18	35.11	24.60	19.65	36.44
Stephens	2.10	17.82	36.43	49.73	18.44	36.39	49.99	24.82	33.10	56.36
Stewart	1.86	11.86	14.71	22.31	12.16	13.51	22.47	17.20	17.51	26.55
Sumter	4.34	23.51	15.35	31.19	24.36	15.71	31.53	34.40	23.25	36.89
Talbot	1.42	16.42	13.50	26.54	17.04	13.70	26.92	30.31	18.45	33.35
Taliaferro	1.00	15.44	17.55	40.82	15.44	18.63	39.99	22.76	23.64	43.47
Tattnall	2.27	13.37	15.21	28.44	13.50	14.85	29.07	20.09	20.55	37.09
Taylor	2.09	15.69	22.25	33.04	15.93	22.65	36.05	20.79	24.73	39.61
Telfair	1.54	14.74	12.05	26.97	15.11	12.20	27.75	21.62	17.66	31.27
Terrell	3.97	19.91	22.30	44.80	20.31	22.05	46.94	25.04	27.62	51.09
Thomas	2.35	11.17	13.89	22.69	11.49	13.45	22.57	13.49	13.29	22.90
Tift	3.90	25.68	28.30	39.27	26.75	29.82	39.41	36.01	27.49	40.88
Toombs	2.66	16.02	13.30	27.67	16.57	13.58	28.24	27.30	19.96	33.83
Towns	2.82	12.92	45.19	71.65	15.63	42.55	76.76	19.20	40.68	74.66
Treutlen	3.44	19.27	22.65	40.52	19.08	22.90	40.52	25.81	24.33	46.95
Troup	1.65	46.92	18.32	25.38	47.45	18.74	25.49	59.18	16.09	30.74
Turner	4.18	28.98	20.60	38.09	29.82	20.82	38.09	30.19	28.02	51.00
Twiggs	1.77	16.25	14.88	20.71	16.77	15.35	20.64	21.78	16.42	22.80
Union	6.82	14.91	36.48	34.20	15.36	39.32	34.41	19.63	28.38	36.28
Upson	1.58	13.59	27.34	35.88	14.61	25.97	35.88	18.82	43.62	33.57
Walker	2.03	10.62	12.05	53.36	11.04	12.31	53.36	15.23	19.97	59.57
Walton	3.96	13.01	30.19	47.04	13.15	28.52	46.94	16.08	30.01	47.62
Ware	1.54	9.15	8.21	21.78	9.14	8.41	22.06	14.04	11.82	31.82
Warren	2.88	15.30	16.82	31.44	15.60	16.47	32.64	21.10	18.95	34.01
Washington	1.51	11.79	10.01	22.48	11.88	9.57	22.87	16.51	13.40	25.45
Wayne	1.25	10.54	9.05	18.92	10.78	9.38	19.09	16.59	15.75	24.56
Webster	2.12	18.31	17.53	49.76	18.88	17.04	49.56	46.42	34.53	61.50
Wheeler	2.40	15.69	13.16	30.73	14.96	13.25	31.50	22.29	22.43	45.00
White	5.09	11.33	23.90	32.46	12.12	23.59	33.57	15.32	21.88	39.23
Whitfield	3.54	14.86	19.72	52.43	15.07	18.84	52.43	20.35	18.33	55.90
Wilcox	2.26	17.37	18.41	40.68	18.04	16.75	39.62	19.98	20.86	42.37
Wilkes	1.51	13.82	22.86	23.43	13.80	22.44	23.78	18.01	20.41	30.42
Wilkinson	1.27	9.41	15.33	28.43	9.79	15.42	29.61	13.34	15.22	31.74
Worth	3.62	12.31	13.61	23.92	12.73	13.78	23.99	16.75	14.16	25.54
<b>Survey unit</b>	<b>0.20</b>	<b>1.51</b>	<b>1.34</b>	<b>2.70</b>	<b>1.43</b>	<b>1.35</b>	<b>2.72</b>	<b>2.11</b>	<b>1.63</b>	<b>3.15</b>

<sup>a</sup> By random-sampling formula.

## Definitions

**Average annual mortality.** Average annual volume of trees 5.0 inches d.b.h. and larger that died from natural causes during the intersurvey period.

**Average annual removals.** Average annual volume of trees 5.0 inches d.b.h. and larger removed from the inventory by harvesting, cultural operations (such as timber-stand improvement), land clearing, or changes in land use during the intersurvey period.

**Average net annual growth.** Average annual net change in volume of trees 5.0 inches d.b.h. and larger in the absence of cutting (gross growth minus mortality) during the intersurvey period.

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

**Biomass.** The aboveground fresh weight of solid wood and bark in live trees 1.0 inch d.b.h. and larger from the ground to the tip of the tree. All foliage is excluded. The weight of wood and bark in lateral limbs, secondary limbs, and twigs under 0.5 inch in diameter at the point of occurrence on sapling-size trees is included but is excluded on pole timber and saw timber-size trees.

**Bole.** That portion of a tree between a 1-foot stump and a 4-inch top d.o.b. in trees 5.0 inches d.b.h. and larger.

**Census water.** Streams, sloughs, estuaries, canals, and other moving bodies of water 200 feet wide and greater, and lakes, reservoirs, ponds, and other permanent bodies of water 4.5 acres in area and greater.

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

**D.b.h.** Tree diameter in inches (outside bark) at breast height (4.5 feet aboveground).

**Diameter class.** A classification of trees based on tree d.b.h. Two-inch diameter classes are commonly used by Forest Inventory and Analysis, with the even inch as the approximate midpoint for a class. For example, the 6-inch class includes trees 5.0 through 6.9 inches d.b.h.

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

**Forest land.** Land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use. The minimum area considered for classification is 1 acre. Forested strips must be at least 120 feet wide.

**Forest management type.** A classification of timberland based on forest type and stand origin.

*Pine plantation.* Stands that (a) have been artificially regenerated by planting or direct seeding, (b) are classed as a pine or other softwood forest type, and (c) have at least 10 percent stocking.

*Natural pine.* Stands that (a) have not been artificially regenerated, (b) are classed as a pine or other softwood forest type, and (c) have at least 10 percent stocking.

*Oak-pine.* Stands that have at least 10 percent stocking and classed as a forest type of oak-pine.

*Upland hardwood.* Stands that have at least 10 percent stocking and classed as an oak-hickory or maple-beech-birch forest type.

*Lowland hardwood.* Stands that have at least 10 percent stocking with a forest type of oak-gum-cypress, elm-ash-cottonwood, palm, or other tropical.

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

**Forest type.** A classification of forest land based on the species forming a plurality of live-tree stocking. Major eastern forest-type groups are:

*White-red-jack pine.* Forests in which eastern white pine, red pine, or jack pine, singly or in combination, constitute a plurality of the stocking. (Common associates include hemlock, birch, and maple.)

*Spruce-fir.* Forests in which spruce or true firs, singly or in combination, constitute a plurality of the stocking. (Common associates include maple, birch, and hemlock.)

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

*Oak-pine.* Forests in which hardwoods (usually upland oaks) constitute a plurality of the stocking but in which pines account for 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, constitute a plurality of the stocking, except where pines account for 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.* Bottom-land forests in which tupelo, blackgum, sweetgum, oaks, or southern cypress, singly or in combination, constitute a plurality of the stocking, except where pines account for 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, constitute a plurality of the stocking. (Common associates include willow, sycamore, beech, and maple.)

*Maple-beech-birch.* Forests in which maple, beech, or yellow birch, singly or in combination, constitute a plurality of the stocking. (Common associates include hemlock, elm, basswood, and white pine.)

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

**Forested tract size.** The area of forest within the contiguous tract containing each Forest Inventory and Analysis sample plot.

**Fresh weight.** Mass of tree component at time of cutting.

**Gross growth.** Annual increase in volume of trees 5.0 inches d.b.h. and larger in the absence of cutting and mortality. (Gross growth includes survivor growth, ingrowth, growth on ingrowth, growth on removals before removal, and growth on mortality before death.)

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

**Growing-stock volume.** The cubic-foot volume of sound wood in growing-stock trees at least 5.0 inches d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem.

**Hardwoods.** Dicotyledonous trees, usually broadleaf and deciduous.

*Soft hardwoods.* Hardwood species with an average specific gravity of 0.50 or less, such as gums, yellow-poplar, cottonwoods, red maple, basswoods, and willows.

*Hard hardwoods.* Hardwood species with an average specific gravity greater than 0.50 such as oaks, hard maples, hickories, and beech.

**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 floodplains (omitting tidal flats below mean high tide), streams, sloughs, estuaries, and canals less than 200 feet wide, and lakes, reservoirs, and ponds less than 4.5 acres in area.

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

**Log grade.** A classification of logs based on external characteristics indicating quality or value.

**Logging residues.** The unused merchantable portion of growing-stock trees cut or destroyed during logging operations.

**Net annual change.** Increase or decrease in volume of live trees at least 5.0 inches d.b.h. Net annual change is equal to net annual growth minus average annual removals.

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

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

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

**Other forest land.** Forest land other than timberland and productive reserved forest land. It includes available and reserved forest land which is incapable of producing annually 20 cubic feet per acre of industrial wood under natural conditions, because of adverse site conditions such as sterile soils, dry climate, poor drainage, high elevation, steepness, or rockiness.

**Other removals.** The growing-stock volume of trees removed from the inventory by cultural operations such as timber stand improvement, land clearing, and other changes in land use, resulting in the removal of the trees from timberland.

**Ownership.** The property owned by one ownership unit, including all parcels of land in the United States.

*National forest land.* Federal land that has been legally designated as national forests or purchase units, and other land under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III land.

*Forest industry land.* Land owned by companies or individuals operating primary wood-using plants.

*Forest industry-leased land.* Land leased or under management contracts to forest industry from other owners for periods of one forest rotation or longer. Land under cutting contracts is not included.

*Nonindustrial private forest (NIPF) land.* Privately owned land excluding forest industry land or forest industry-leased land.

Corporate. Owned by corporations, including incorporated farm ownerships.

Individual. All lands owned by individuals, including farm operators.

*Other public.* An ownership class that includes all public lands except national forests.

Miscellaneous Federal land. Federal land other than national forests.

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

**Plant residues.** Wood material generated in the production of timber products at primary manufacturing plants.

*Coarse residues.* Material, such as slabs, edgings, trim, veneer cores and ends, suitable for chipping.

*Fine residues.* Material, such as sawdust, shavings, and veneer chippings, not suitable for chipping.

*Plant byproducts.* Residues (coarse or fine) used in the manufacture of industrial products or for consumer use or as fuel.

*Unused plant residues.* Residues (coarse or fine) not used for any product, including fuel.

**Poletimber-size trees.** Softwoods 5.0 to 8.9 inches d.b.h. and hardwoods 5.0 to 10.9 inches d.b.h.

**Primary wood-using plants.** Industries receiving roundwood or chips from roundwood for the manufacture of products, such as veneer, pulp, and lumber.

**Productive-reserved forest land.** Forest land sufficiently productive to qualify as timberland but withdrawn from timber utilization through statute or administrative regulation.

**Rotten trees.** Live trees of commercial species not containing 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 board-foot tree volume in sound material.

**Rough trees.** Live trees of commercial species not containing 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 board-foot tree volume in sound material; and live trees of noncommercial species.

**Roundwood (roundwood logs).** Logs, bolts, or other round sections cut from trees for industrial or consumer uses.

**Roundwood chipped.** Any timber cut primarily for pulpwood, delivered to nonpulpmills, chipped, and then sold to pulp mills as residues, including chipped tops, jump sections, whole trees, and pulpwood sticks.

**Roundwood products.** Any primary product such as lumber, poles, pilings, pulp, or fuelwood, that is produced from roundwood.

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

**Saplings.** Live trees 1.0 to 5.0 inches d.b.h.

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

**Saw-log portion.** The part of the bole of sawtimber trees between a 1-foot stump and the saw-log top.

**Saw-log top.** The point on the bole of sawtimber trees above which a conventional 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-size trees.** Softwoods 9.0 inches d.b.h. and larger and hardwoods 11.0 inches d.b.h. and larger.

**Sawtimber volume.** Growing-stock volume in the saw-log portion of sawtimber-size trees in board feet (International 1/4-inch rule).

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

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

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

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

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

*Yellow pines.* Loblolly, longleaf, slash, pond, shortleaf, pitch, Virginia, sand, spruce, and Table Mountain pines.

*Other softwoods.* Cypress, eastern redcedar, white-cedar, eastern white pine, eastern hemlock, spruce, and fir.

**Stand age.** The average age of dominant and codominant trees in the stand.

**Stand origin.** A classification of forest stands describing their means of origin.

*Planted.* Planted or artificially seeded.

*Natural.* No evidence of artificial regeneration.

**Stand-size class.** A classification of forest land based on the diameter class distribution of live trees in the stand.

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

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

*Sapling-seedling stands.* Stands at least 10 percent stocked with live trees of which more than half of total stocking is saplings and seedlings.

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

**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 with a minimum standard, depending on tree size, required to fully utilize the growth potential of the land.

Density of trees and basal area per acre required for full stocking

D.b.h. class	Trees per acre for full stocking	Basal area per acre
Seedlings	600	—
2	560	—
4	460	—
6	340	67
8	240	84
10	155	85
12	115	90
14	90	96
16	72	101
18	60	106
20	51	111

**Timberland.** Forest land capable of producing 20 cubic feet of industrial wood per acre per year and not withdrawn from timber utilization.

**Timber products.** Roundwood products and byproducts.

**Tree.** Woody plants having one erect perennial stem or trunk at least 3 inches d.b.h., a more or less definitely formed crown of foliage, and a height of at least 13 feet (at maturity).

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

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

**Volume of live trees.** The cubic-foot volume of sound wood in live trees at least 5.0 inches d.b.h. from a 1-foot stump to a minimum 4.0-inch top d.o.b. of the central stem.

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



## **Metric Equivalents**

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1 acre = 4,046.86 square meters or 0.404686 hectare

1 cubic foot = 0.028317 cubic meter

1 inch = 2.54 centimeters or 0.0254 meter

Breast height = 1.4 meters aboveground level

1 square foot = 929.03 square centimeters or 0.0929 square meter

1 square foot per acre basal area = 0.229568 square meter per hectare

1 pound = 0.454 kilogram

1 ton = 0.907 metric ton

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## Graphs

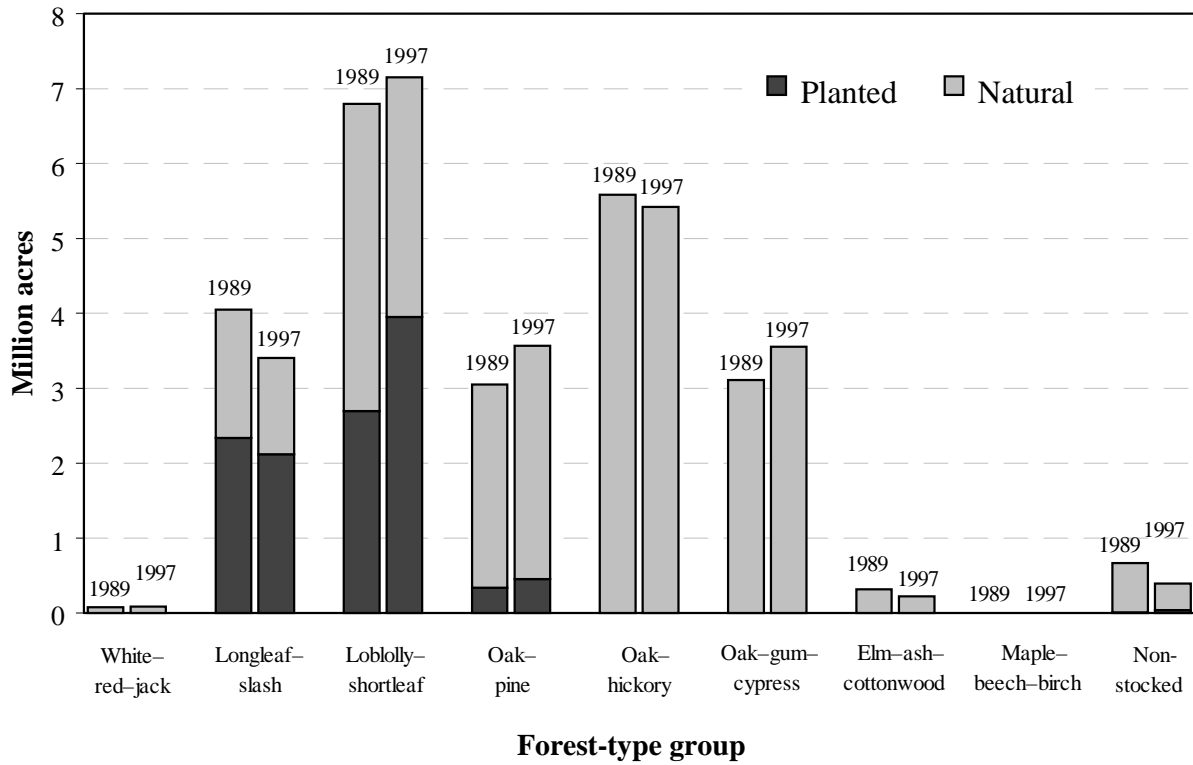


Figure 2—Area of timberland by forest-type group and stand origin, Georgia, 1989 and 1997.

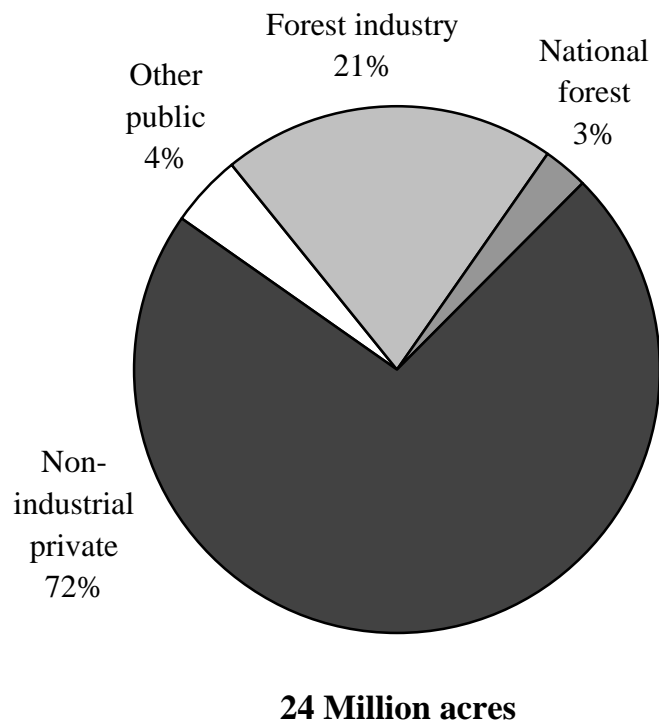


Figure 3—Distribution of timberland by ownership class, Georgia, 1997.

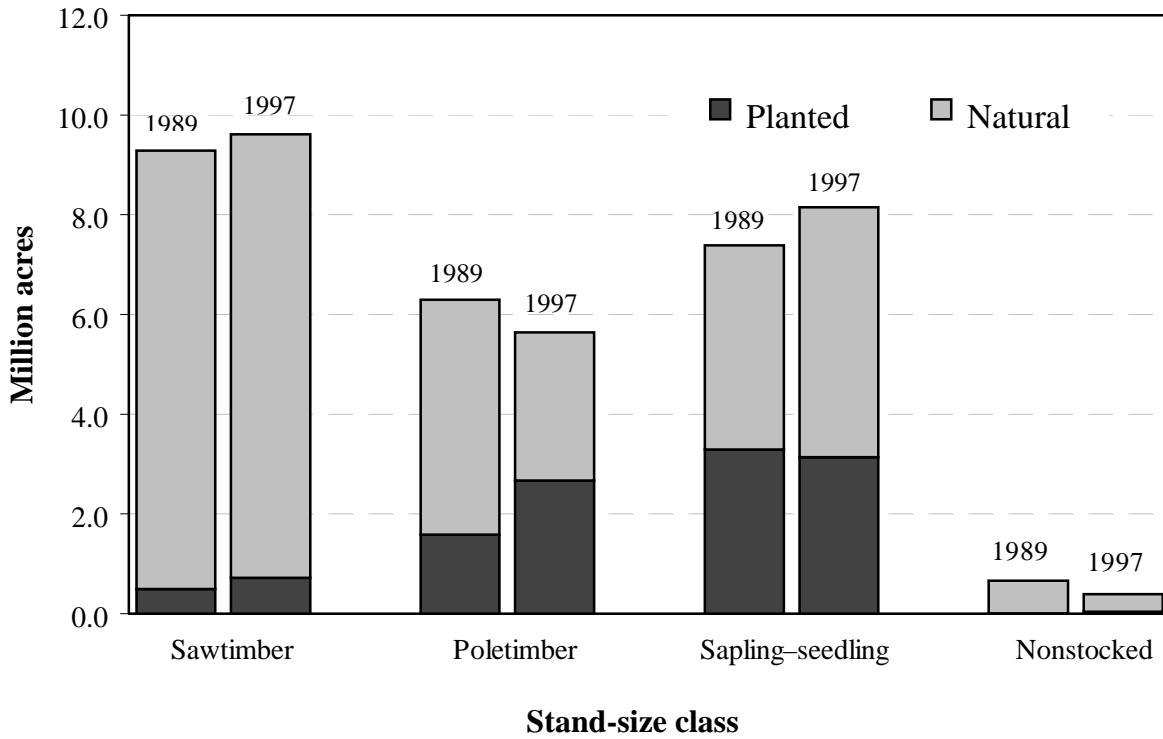


Figure 4—Area of timberland by stand-size class and stand origin, Georgia, 1989 and 1997.

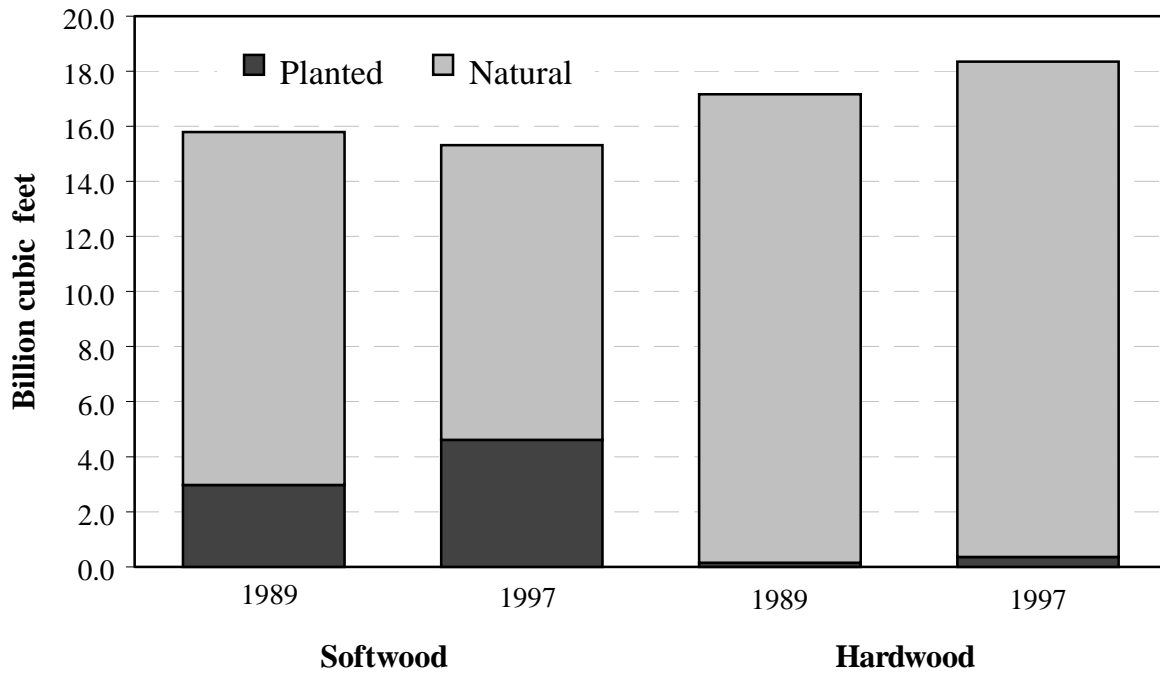


Figure 5—Volume of live trees on timberland by species group and stand origin, Georgia, 1989 and 1997.

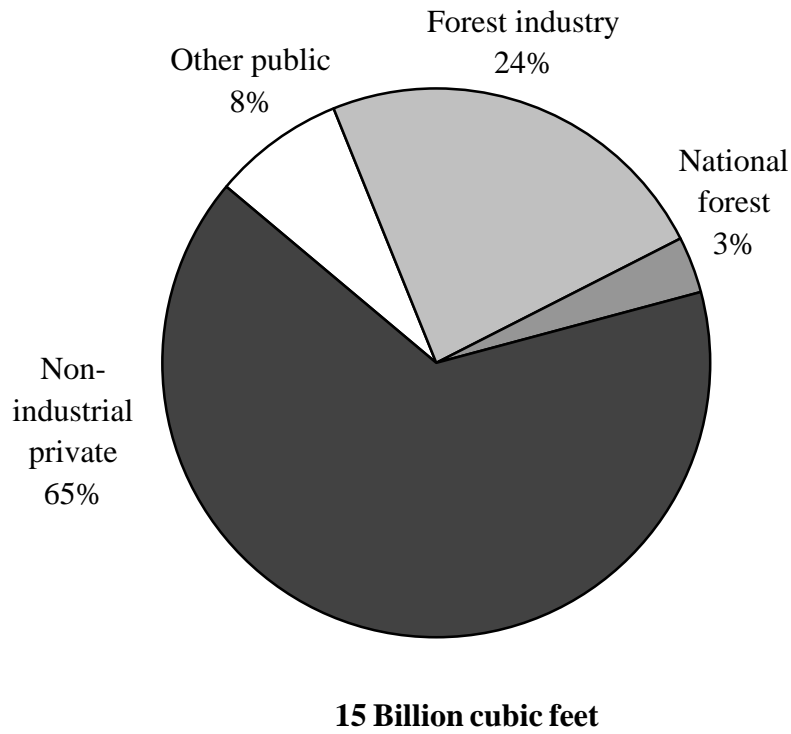


Figure 6—Distribution of softwood live tree volume by ownership class, Georgia, 1997.

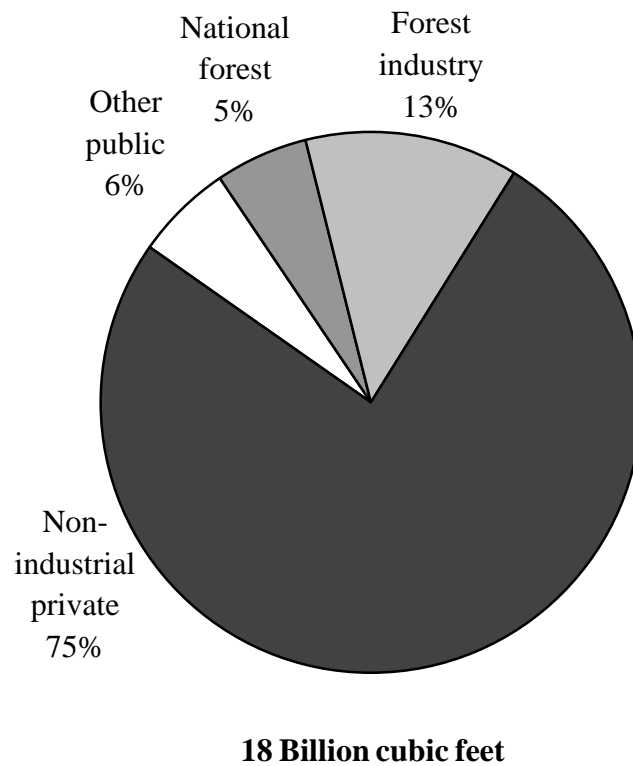


Figure 7—Distribution of hardwood live tree volume by ownership class, Georgia, 1997.

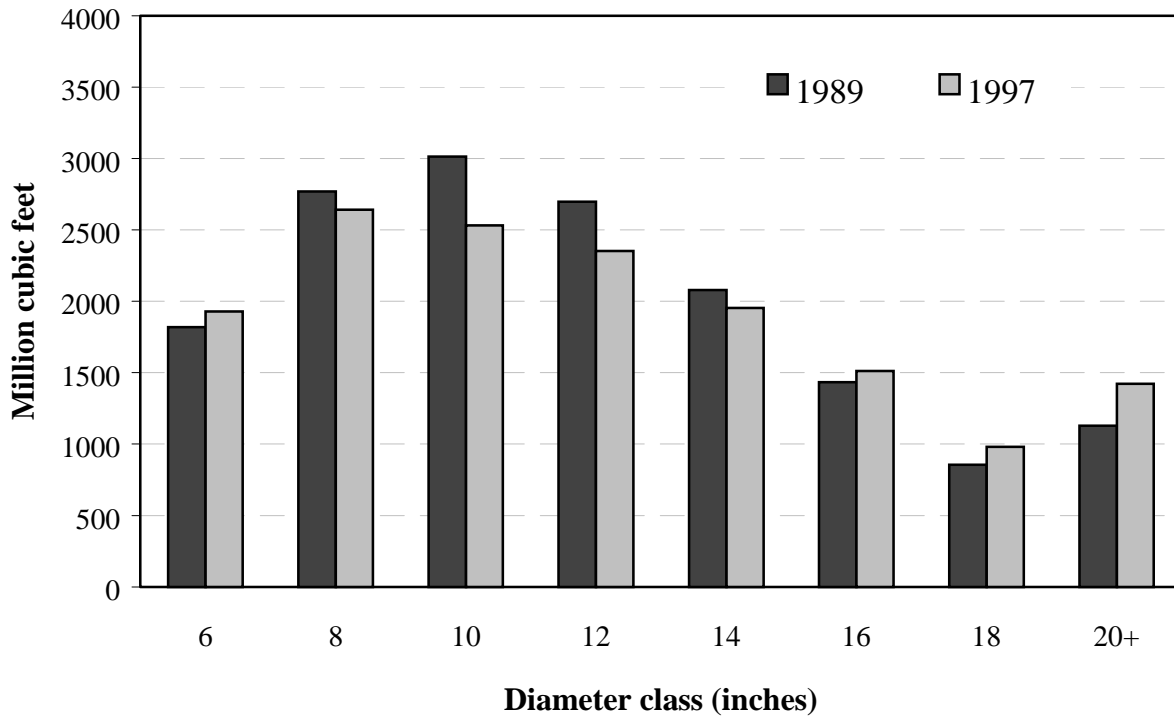


Figure 8—Volume of softwood live trees on timberland by diameter class, Georgia, 1989 and 1997.

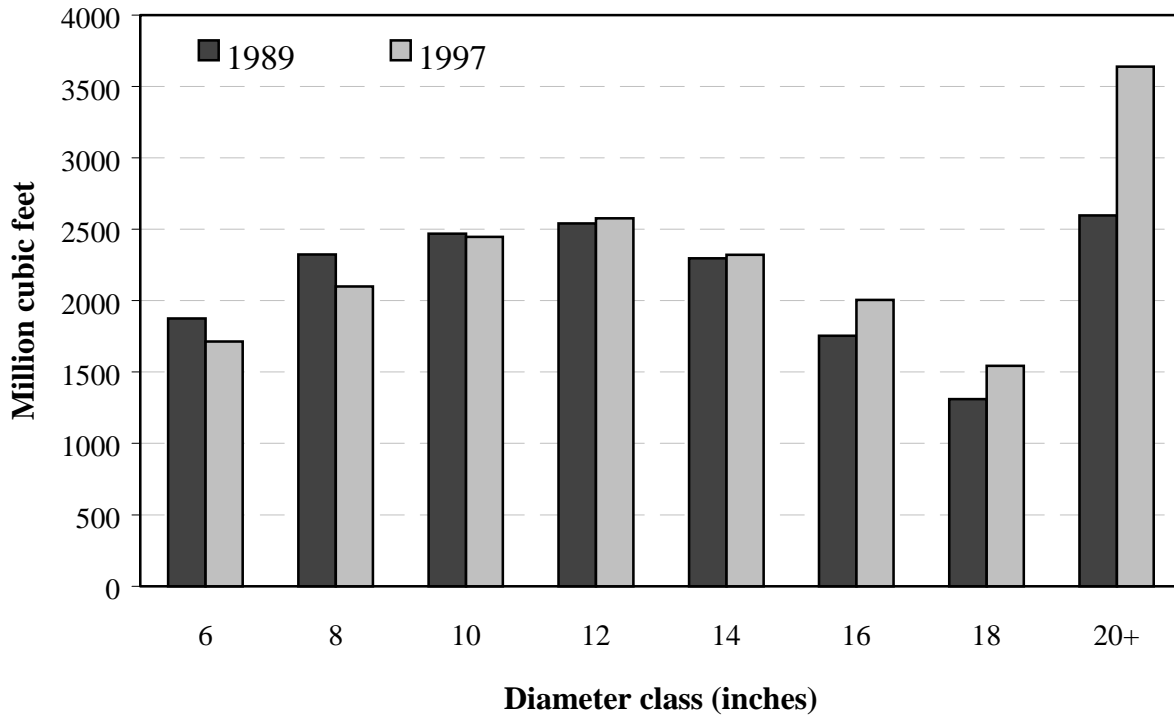


Figure 9—Volume of hardwood live trees on timberland by diameter class, Georgia, 1989 and 1997.

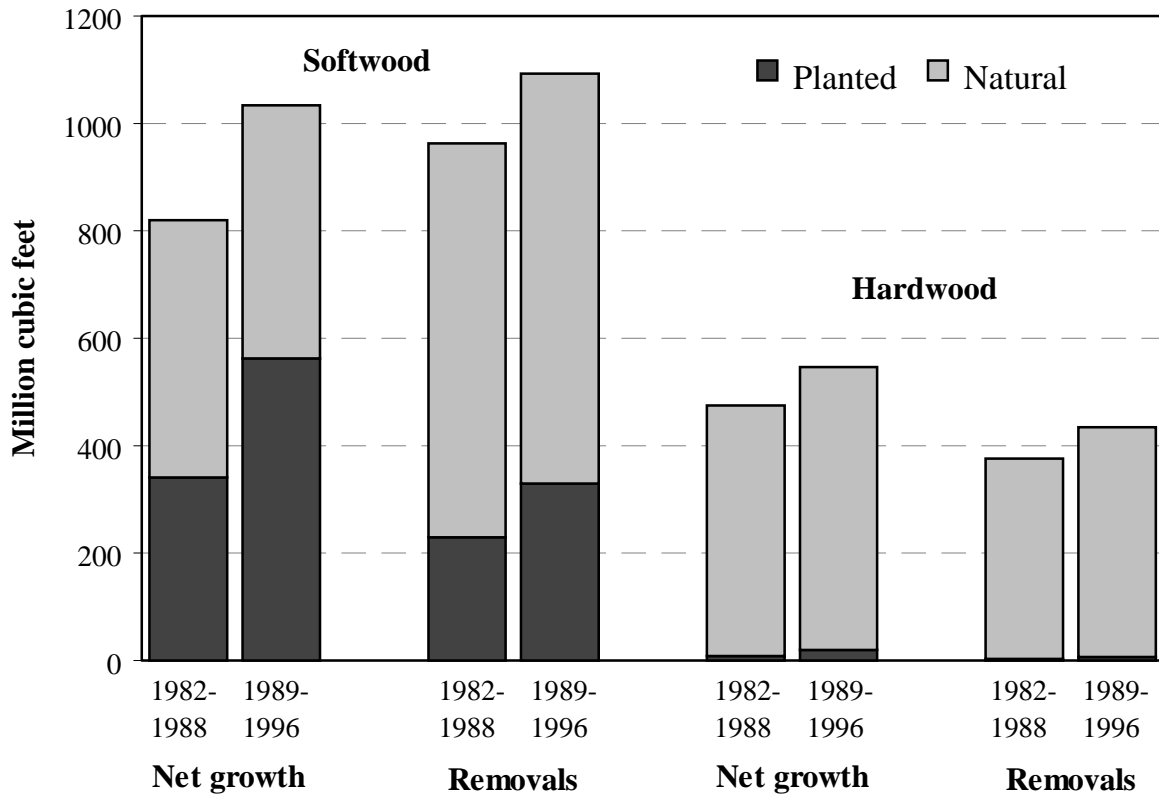


Figure 10—Average net annual growth and removals of live trees on timberland by species group and stand origin, Georgia, 1982-1988 and 1989-1996.

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**Table 1—Land area by county and land class, Georgia, 1997**

County	Total land area <sup>a</sup>	Forest land			Other land <sup>b</sup>	
		Total forest	Timberland	Productive reserved		Other
<i>Thousand acres</i>						
Appling	325.6	222.0	222.0	—	—	103.6
Atkinson	216.4	169.9	169.9	—	—	46.5
Bacon	182.4	122.1	122.1	—	—	60.3
Baker	219.7	114.9	114.9	—	—	104.8
Baldwin	165.4	118.9	118.9	—	—	46.5
Banks	149.6	103.0	103.0	—	—	46.5
Barrow	103.8	46.4	45.3	1.1	—	57.4
Bartow	294.3	188.1	186.1	2.0	—	106.3
Ben Hill	161.2	109.5	109.5	—	—	51.7
Berrien	289.6	179.6	179.6	—	—	110.0
Bibb	160.0	88.0	87.1	1.0	—	72.0
Bleckley	139.1	78.6	78.6	—	—	60.6
Brantley	284.4	237.1	237.1	—	—	47.4
Brooks	316.0	189.3	189.3	—	—	126.6
Bryan	282.7	221.4	221.2	0.2	0.0	61.3
Bulloch	436.9	250.7	250.7	—	—	186.2
Burke	531.6	338.7	338.7	—	—	192.9
Butts	119.4	83.9	83.3	0.6	—	35.5
Calhoun	179.3	94.3	94.3	—	—	85.0
Camden	403.2	277.0	267.6	9.1	0.3	126.1
Candler	158.1	91.8	91.8	—	—	66.3
Carroll	319.5	185.9	185.8	0.1	—	133.7
Catoosa	103.8	50.2	46.5	3.8	—	53.6
Charlton	499.7	463.7	307.1	153.2	3.4	36.0
Chatham	281.9	90.2	86.6	3.1	0.5	191.7
Chattahoochee	159.2	142.0	142.0	—	—	17.2
Chattooga	200.8	155.2	155.0	0.2	—	45.6
Cherokee	271.2	176.4	176.4	—	—	94.8
Clarke	77.3	34.9	34.9	—	—	42.4
Clay	124.9	82.3	82.0	0.3	—	42.6
Clayton	91.3	28.1	28.1	—	—	63.2
Clinch	518.0	497.0	469.1	27.9	—	21.0
Cobb	217.7	50.0	46.0	4.1	—	167.7
Coffee	383.4	242.4	240.9	1.5	—	141.1
Colquitt	353.5	169.2	168.8	0.5	—	184.3
Columbia	185.6	122.6	120.8	1.8	—	63.1
Cook	146.6	78.9	78.5	0.4	—	67.7
Coweta	283.6	195.4	195.4	—	—	88.1
Crawford	208.1	163.2	163.2	—	—	44.9
Crisp	175.3	69.7	68.5	1.3	—	105.5
Dade	111.3	75.2	72.7	2.5	—	36.1
Dawson	135.1	107.6	101.1	6.5	—	27.4
Decatur	171.7	39.1	37.3	1.8	—	132.6
DeKalb	382.0	201.1	201.1	—	—	180.9
Dodge	320.4	204.7	204.7	—	—	115.7
Dooly	251.5	110.5	110.5	—	—	141.0
Dougherty	211.0	110.3	110.3	—	—	100.7
Douglas	127.6	80.6	79.3	1.4	—	46.9
Early	327.2	152.4	151.5	0.9	—	174.8
Echols	258.7	242.8	242.6	—	0.2	15.9
Effingham	306.9	235.0	235.0	—	—	71.9
Elbert	236.0	166.0	165.3	0.7	—	70.1
Emanuel	439.0	313.5	312.3	1.2	—	125.5

continued

**Table 1—Land area by county and land class, Georgia, 1997—Continued**

County	Total land area <sup>a</sup>	Forest land				Other land <sup>b</sup>
		Total forest	Timberland	Productive reserved	Other	
<i>Thousand acres</i>						
Evans	118.4	72.2	72.2	—	—	46.2
Fannin	246.9	206.2	165.0	41.2	—	40.7
Fayette	126.3	59.6	59.6	—	—	66.8
Floyd	328.5	217.5	217.5	—	—	111.0
Forsyth	144.5	68.2	68.1	0.1	—	76.4
Franklin	168.5	91.2	90.6	0.5	—	77.4
Fulton	338.4	125.7	123.8	1.9	—	212.7
Gilmer	273.1	238.4	225.3	13.2	—	34.7
Glascocock	92.3	71.8	71.8	—	—	20.5
Glynn	270.3	149.3	147.4	1.8	0.1	121.1
Gordon	227.3	121.4	121.4	—	—	105.9
Grady	293.2	166.7	166.7	—	—	126.5
Greene	248.6	197.7	197.7	—	—	50.8
Gwinnett	277.0	104.8	104.4	0.4	—	172.2
Habersham	178.0	124.9	121.7	3.2	—	53.1
Hall	251.9	133.9	133.9	—	—	118.0
Hancock	302.9	274.8	274.8	—	—	28.1
Haralson	180.6	128.3	128.3	—	—	52.3
Harris	296.8	244.3	238.4	5.9	—	52.5
Hart	148.6	65.9	65.8	0.1	—	82.7
Heard	189.5	151.6	151.6	—	—	37.9
Henry	206.5	109.8	109.7	0.0	—	96.8
Houston	241.1	122.9	122.9	—	—	118.3
Irwin	228.4	117.5	117.5	—	—	110.8
Jackson	219.1	126.8	126.8	—	—	92.4
Jasper	237.1	190.7	190.7	—	—	46.4
Jeff Davis	213.4	151.6	151.6	—	—	61.8
Jefferson	337.7	214.1	214.1	—	—	123.6
Jenkins	223.9	151.4	150.5	0.8	—	72.5
Johnson	194.8	138.8	138.8	—	—	56.0
Jones	252.0	210.7	210.7	—	—	41.3
Lamar	118.3	72.1	72.1	—	—	46.2
Lanier	119.6	91.7	91.7	—	—	27.9
Laurens	520.1	312.2	312.2	—	—	207.9
Lee	227.7	99.8	99.2	0.5	—	127.9
Liberty	332.2	237.9	237.8	0.1	—	94.4
Lincoln	135.1	105.5	105.1	0.4	—	29.6
Long	256.7	233.2	232.5	0.7	—	23.5
Lowndes	322.7	211.9	211.9	—	—	110.8
Lumpkin	182.1	150.6	139.5	11.1	—	31.5
Macon	258.1	156.2	154.8	1.4	—	101.9
Madison	182.0	112.4	111.8	0.6	—	69.7
Marion	234.9	188.2	188.2	—	—	46.7
McDuffie	166.3	109.1	109.1	—	—	57.2
McIntosh	277.4	169.0	150.7	15.5	2.9	108.4
Meriwether	322.1	230.8	230.7	0.1	—	91.4
Miller	181.2	62.9	62.9	—	—	118.3
Mitchell	327.7	121.5	121.5	—	—	206.2
Monroe	253.2	194.9	194.3	0.6	—	58.3
Montgomery	157.0	113.4	113.4	—	—	43.7
Morgan	223.8	138.6	133.2	5.3	—	85.2
Murray	220.4	157.6	149.9	7.7	—	62.9
Muscogee	138.4	86.2	86.2	—	—	52.2

continued

**Table 1—Land area by county and land class, Georgia, 1997—Continued**

County	Total land area <sup>a</sup>	Forest land			Other land <sup>b</sup>	
		Total forest	Timberland	Productive reserved		Other
<i>Thousand acres</i>						
Newton	176.9	98.7	98.7	—	—	78.3
Oconee	118.9	62.0	62.0	—	—	56.9
Oglethorpe	282.3	225.8	225.7	0.1	—	56.6
Paulding	200.7	136.2	135.4	0.7	—	64.5
Peach	96.7	40.9	40.9	—	—	55.8
Pickens	148.6	115.1	115.1	—	—	33.4
Pierce	219.5	135.9	135.9	—	—	83.6
Pike	139.8	81.0	81.0	—	—	58.8
Polk	199.1	132.1	132.1	—	—	67.0
Pulaski	158.3	79.8	79.8	—	—	78.6
Putnam	220.5	174.5	174.5	—	—	46.0
Quitman	97.0	80.5	80.5	—	—	16.5
Rabun	237.5	207.3	190.4	16.9	—	30.2
Randolph	274.7	180.7	180.7	—	—	94.0
Richmond	207.4	121.2	121.2	—	—	86.2
Rockdale	83.6	39.9	39.0	0.9	—	43.8
Schley	107.3	78.3	78.3	—	—	28.9
Screven	415.1	260.5	247.4	13.0	—	154.6
Seminole	152.4	45.9	45.4	0.5	—	106.5
Spalding	126.7	66.9	66.9	—	—	59.8
Stephens	114.7	80.1	80.1	—	—	34.7
Stewart	293.6	254.8	253.7	1.1	—	38.8
Sumter	310.6	161.9	161.9	—	—	148.7
Talbot	251.7	219.5	219.5	—	—	32.2
Taliaferro	125.1	108.9	107.9	1.0	—	16.1
Tattnall	309.6	198.6	198.4	0.2	—	111.0
Taylor	241.6	190.4	190.4	—	—	51.2
Telfair	282.3	210.7	210.7	—	—	71.7
Terrell	214.7	103.1	103.1	—	—	111.6
Thomas	351.0	187.0	187.0	—	—	164.0
Tift	169.7	55.9	55.9	—	—	113.8
Toombs	234.7	139.6	139.6	—	—	95.1
Towns	106.6	84.0	64.8	19.2	—	22.6
Treutlen	128.5	103.4	103.4	—	—	25.0
Troup	264.9	182.7	182.7	—	—	82.2
Turner	183.1	91.3	91.3	—	—	91.8
Twiggs	230.6	188.5	188.5	—	—	42.1
Union	206.5	160.1	135.6	24.6	—	46.4
Upson	208.3	153.8	153.8	—	—	54.5
Walker	285.6	192.4	190.5	1.9	—	93.2
Walton	210.7	114.8	114.7	0.1	—	95.9
Ware	577.7	516.6	345.1	157.3	14.1	61.1
Warren	182.7	153.9	153.9	—	—	28.8
Washington	435.5	315.9	315.4	0.5	—	119.6
Wayne	412.6	322.7	322.3	0.5	—	89.9
Webster	134.1	91.3	91.3	—	—	42.8
Wheeler	190.5	154.4	153.6	0.7	—	36.2
White	154.6	113.5	98.1	15.4	—	41.1
Whitfield	185.6	102.8	102.8	—	—	82.8
Wilcox	243.4	151.7	151.7	—	—	91.7
Wilkes	301.7	230.9	230.9	—	—	70.8
Wilkinson	285.8	254.4	254.4	—	—	31.4
Worth	364.7	194.0	194.0	—	—	170.7
<b>Total</b>	<b>37,068.0</b>	<b>24,412.6</b>	<b>23,796.1</b>	<b>594.9</b>	<b>21.6</b>	<b>12,655.4</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> From the U.S. Bureau of the Census, 1990.

<sup>b</sup> Includes 61.1 thousand acres of water according to Forest Inventory and Analysis standards of area classification, but defined by the Bureau of Census as land.

**Table 2—Area of forest land by forest-type group and ownership class, Georgia, 1997**

Forest-type group	All classes	Ownership class					Nonindustrial private
		National forest	Miscellaneous Federal	State	County and municipal	Forest industry <sup>a</sup>	
<i>Thousand acres</i>							
White-red-jack pine	115.9	80.2	—	5.6	—	—	30.1
Spruce-fir	—	—	—	—	—	—	—
Longleaf-slash pine	3,433.0	2.1	209.4	46.0	6.2	1,055.1	2,114.3
Loblolly-shortleaf pine	7,182.0	141.5	206.8	94.2	28.4	2,039.8	4,671.3
Oak-pine	3,651.7	159.2	170.9	36.5	22.1	467.9	2,795.1
Oak-hickory	5,562.9	465.9	72.4	62.8	38.2	361.9	4,561.7
Oak-gum-cypress	3,825.6	7.5	368.1	75.7	12.5	799.4	2,562.3
Elm-ash-cottonwood	224.8	3.3	6.4	8.7	3.0	47.0	156.5
Maple-beech-birch	1.3	—	—	—	—	—	1.3
Nonstocked	415.2	3.3	18.2	6.7	2.3	119.5	265.2
<b>Total</b>	<b>24,412.6</b>	<b>863.1</b>	<b>1,052.3</b>	<b>336.3</b>	<b>112.6</b>	<b>4,890.5</b>	<b>17,157.8</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Includes 509.2 thousand acres of nonindustrial private land under long-term lease.

**Table 3—Area of timberland by county and ownership class, Georgia, 1997**

County	All classes	Ownership class						Nonindustrial private	
		National forest	Miscellaneous		County and municipal	Forest industry <sup>a</sup>	Corporate	Individual	
			Federal	State					
<i>Thousand acres</i>									
Appling	222.0	—	—	2.3	0.9	65.5	10.0	143.3	
Atkinson	169.9	—	—	0.0	0.1	41.6	30.0	98.2	
Bacon	122.1	—	—	—	2.1	24.3	3.6	92.1	
Baker	114.9	—	—	—	—	10.7	51.0	53.2	
Baldwin	118.9	—	—	2.6	0.3	9.2	6.6	100.2	
Banks	103.0	1.0	—	3.0	0.7	8.3	14.9	75.0	
Barrow	45.3	—	—	0.0	0.5	—	7.2	37.5	
Bartow	186.1	—	5.9	0.2	0.4	26.6	54.7	98.3	
Ben Hill	109.5	—	—	—	1.0	14.6	30.2	63.8	
Berrien	179.6	—	—	2.0	0.0	16.8	3.2	157.6	
Bibb	87.1	—	—	—	0.3	3.7	17.1	66.0	
Bleckley	78.6	—	—	1.3	0.0	14.6	5.1	57.5	
Brantley	237.1	—	—	5.1	—	150.6	6.4	75.0	
Brooks	189.3	—	—	—	0.5	27.2	57.1	104.6	
Bryan	221.2	—	95.2	7.2	0.1	37.4	8.6	72.7	
Bulloch	250.7	—	—	0.1	0.2	20.1	16.5	213.7	
Burke	338.7	—	7.8	7.3	0.2	70.7	20.8	231.9	
Butts	83.3	—	—	0.2	1.7	6.0	—	75.3	
Calhoun	94.3	—	—	—	0.0	9.9	16.8	67.5	
Camden	267.6	—	4.3	—	0.3	108.6	35.4	119.0	
Candler	91.8	—	0.1	—	0.0	8.0	7.9	75.7	
Carroll	185.8	—	—	0.1	2.0	30.0	17.8	135.9	
Catoosa	46.5	0.0	1.5	0.0	0.5	3.3	—	41.1	
Charlton	307.1	—	5.0	—	0.9	232.2	5.2	63.8	
Chatham	86.6	—	0.9	19.0	1.7	8.9	30.2	25.8	
Chattahoochee	142.0	—	102.0	—	0.0	15.9	2.0	22.1	
Chattooga	155.0	19.4	0.0	1.0	0.7	19.1	16.3	98.4	
Cherokee	176.4	—	9.5	—	1.5	19.1	36.9	109.4	
Clarke	34.9	—	—	1.6	0.6	—	7.7	24.9	
Clay	82.0	—	2.3	—	0.0	15.7	5.5	58.5	
Clayton	28.1	—	0.6	—	0.9	—	14.6	12.0	
Clinch	469.1	—	1.0	—	0.1	279.5	26.1	162.3	
Cobb	46.0	—	2.5	0.1	0.7	—	2.1	40.6	
Coffee	240.9	—	—	—	1.6	13.5	31.4	194.4	
Colquitt	168.8	—	—	0.0	0.1	8.9	17.2	142.6	
Columbia	120.8	—	10.3	0.1	0.2	13.6	1.6	95.0	
Cook	78.5	—	—	—	0.5	1.4	7.0	69.6	
Coweta	195.4	—	0.0	—	2.6	16.0	14.2	162.6	
Crawford	163.2	—	0.1	—	4.4	46.5	32.4	79.8	
Crisp	68.5	—	—	—	0.4	4.3	5.8	58.0	
Dade	72.7	—	—	—	0.1	—	17.0	55.6	
Dawson	101.1	1.3	1.2	7.2	10.1	5.0	27.9	48.5	
Decatur	201.1	—	6.2	—	0.4	35.8	13.6	145.3	
DeKalb	37.3	—	0.0	—	0.5	—	18.4	18.4	
Dodge	204.7	—	—	0.4	0.0	20.9	25.0	158.4	
Dooly	110.5	4.1	—	2.7	0.2	8.2	18.9	76.4	
Dougherty	110.3	—	1.4	0.1	0.2	15.3	40.0	53.2	
Douglas	79.3	—	—	0.1	0.9	1.3	24.1	53.0	
Early	151.5	—	0.2	0.2	0.2	24.4	10.7	115.7	
Echols	242.6	—	—	—	0.0	190.2	—	52.5	
Effingham	235.0	—	6.3	0.0	1.4	44.3	23.9	159.1	
Elbert	165.3	—	12.0	0.1	0.6	31.2	22.1	99.3	
Emanuel	312.3	—	0.2	1.9	0.8	75.2	31.4	202.9	

continued

**Table 3—Area of timberland by county and ownership class, Georgia, 1997—Continued**

County	All classes	Ownership class						Nonindustrial private	
		National forest	Miscellaneous		County and municipal	Forest industry <sup>a</sup>	Corporate	Individual	
			Federal	State					
<i>Thousand acres</i>									
Evans	72.2	—	14.5	0.0	0.1	4.4	—	53.2	
Fannin	165.0	64.6	0.0	0.0	0.1	0.6	12.9	86.9	
Fayette	59.6	—	—	—	0.2	—	4.9	54.5	
Floyd	217.5	6.6	—	1.6	1.6	30.8	28.1	148.8	
Forsyth	68.1	—	5.6	0.0	0.3	0.0	14.9	47.2	
Franklin	90.6	—	1.0	—	0.1	4.1	8.8	76.7	
Fulton	123.8	—	—	0.3	1.5	—	27.6	94.4	
Gilmer	225.3	41.1	3.8	—	0.1	12.8	11.3	156.2	
Glascocock	71.8	—	—	—	—	12.9	11.1	47.8	
Glynn	147.4	—	0.3	3.5	0.8	108.7	17.5	16.5	
Gordon	121.4	8.1	0.0	0.2	0.9	29.4	12.9	70.0	
Grady	166.7	—	—	—	3.3	9.4	16.5	137.6	
Greene	197.7	22.0	—	0.6	0.4	47.8	29.7	97.2	
Gwinnett	104.4	—	5.6	—	2.0	0.1	10.8	86.0	
Habersham	121.7	36.4	—	0.3	0.6	2.5	16.9	65.0	
Hall	133.9	—	7.9	—	2.8	3.7	24.9	94.7	
Hancock	274.8	—	—	—	0.2	62.1	66.1	146.4	
Haralson	128.3	—	—	—	0.5	32.4	24.9	70.5	
Harris	238.4	—	—	0.1	0.2	38.6	45.3	154.3	
Hart	65.8	—	6.1	1.0	0.3	2.7	6.9	48.9	
Heard	151.6	—	5.4	—	0.3	56.0	15.4	74.5	
Henry	109.7	—	—	—	1.5	—	9.1	99.1	
Houston	122.9	—	2.0	0.0	0.6	37.4	26.7	56.0	
Irwin	117.5	—	—	—	0.2	9.3	4.9	103.1	
Jackson	126.8	—	—	0.6	0.3	2.0	33.3	90.5	
Jasper	190.7	29.0	3.1	2.9	0.1	10.2	44.1	101.4	
Jeff Davis	151.6	—	—	6.4	0.1	28.9	13.4	102.8	
Jefferson	214.1	—	3.9	—	0.1	36.2	4.8	169.1	
Jenkins	150.5	—	0.0	0.0	0.1	44.6	15.6	90.1	
Johnson	138.8	—	—	0.2	0.2	22.8	9.7	106.0	
Jones	210.7	19.9	23.9	0.0	3.0	34.3	30.1	99.5	
Lamar	72.1	—	0.0	—	0.3	10.2	—	61.5	
Lanier	91.7	—	17.8	—	0.2	18.6	15.4	39.8	
Laurens	312.2	—	0.0	8.9	0.1	69.4	12.4	221.3	
Lee	99.2	—	—	—	—	6.1	32.4	60.8	
Liberty	237.8	—	104.9	—	0.2	67.1	0.8	64.8	
Lincoln	105.1	—	24.1	—	—	27.0	9.9	44.1	
Long	232.5	—	24.4	5.7	—	126.0	3.7	72.7	
Lowndes	211.9	—	1.9	1.0	0.9	52.7	29.6	125.7	
Lumpkin	139.5	46.0	0.3	0.3	0.2	7.6	15.0	70.0	
Macon	154.8	—	—	—	0.1	30.0	23.1	101.7	
Madison	111.8	—	—	0.3	0.2	11.0	11.5	88.8	
Marion	188.2	—	—	—	0.1	65.9	10.2	112.1	
McDuffie	109.1	—	14.5	0.1	0.4	17.5	1.3	75.3	
McIntosh	150.7	—	5.7	12.0	0.1	84.6	13.5	34.7	
Meriwether	230.7	—	—	5.6	1.8	55.8	29.5	138.0	
Miller	62.9	—	0.1	4.6	—	4.0	5.0	49.0	
Mitchell	121.5	—	—	0.0	0.5	1.3	18.1	101.6	
Monroe	194.3	—	—	0.0	0.5	12.6	28.5	152.8	
Montgomery	113.4	—	—	0.1	0.1	8.6	10.7	93.8	
Morgan	133.2	0.4	—	0.2	0.3	20.5	15.9	95.9	
Murray	149.9	46.0	1.2	—	7.8	21.8	—	73.2	
Muscogee	86.2	—	30.3	0.3	1.1	—	14.5	40.0	

continued

**Table 3—Area of timberland by county and ownership class, Georgia, 1997—Continued**

County	All classes	Ownership class						Nonindustrial private	
		National forest	Miscellaneous Federal	State	County and municipal	Forest industry <sup>a</sup>	Corporate	Individual	
<i>Thousand acres</i>									
Newton	98.7	—	—	0.3	3.6	3.8	9.4	81.5	
Oconee	62.0	0.2	0.0	0.1	0.1	4.4	7.1	50.2	
Oglethorpe	225.7	3.3	—	0.5	0.1	50.7	73.5	97.5	
Paulding	135.4	—	0.0	3.1	10.3	29.0	18.6	74.4	
Peach	40.9	—	0.2	0.3	—	2.7	—	37.8	
Pickens	115.1	—	—	0.1	0.2	20.0	24.8	70.0	
Pierce	135.9	—	—	—	0.3	34.5	8.4	92.7	
Pike	81.0	—	—	—	0.2	7.3	15.1	58.3	
Polk	132.1	—	—	—	0.3	22.1	23.2	86.6	
Pulaski	79.8	—	0.0	4.8	0.0	3.7	20.0	51.2	
Putnam	174.5	36.8	0.1	24.4	0.3	12.8	48.8	51.3	
Quitman	80.5	—	0.8	—	0.0	30.5	10.9	38.3	
Rabun	190.4	132.5	—	0.2	0.1	—	15.0	42.7	
Randolph	180.7	—	—	—	0.1	53.1	12.0	115.6	
Richmond	121.2	—	39.0	1.7	0.1	17.0	7.5	56.0	
Rockdale	39.0	—	—	—	0.2	—	8.2	30.6	
Schley	78.3	—	—	—	—	16.3	—	62.0	
Screven	247.4	—	2.4	0.2	1.0	36.0	34.3	173.5	
Seminole	45.4	—	3.6	—	—	3.7	19.7	18.4	
Spalding	66.9	—	—	0.3	0.6	0.4	14.8	51.0	
Stephens	80.1	23.2	1.1	0.0	0.9	1.7	8.0	45.1	
Stewart	253.7	—	0.4	4.9	0.2	169.5	25.3	53.4	
Sumter	161.9	—	0.1	0.0	0.6	19.2	46.7	95.2	
Talbot	219.5	—	—	3.5	0.1	51.7	17.0	147.3	
Taliaferro	107.9	—	—	0.0	0.1	41.2	14.3	52.4	
Tattnall	198.4	—	4.1	6.8	0.1	38.4	3.4	145.6	
Taylor	190.4	—	—	0.0	0.1	35.8	32.0	122.5	
Telfair	210.7	—	—	7.7	0.5	49.5	18.7	134.2	
Terrell	103.1	—	—	—	0.2	6.1	9.2	87.6	
Thomas	187.0	—	—	—	0.5	12.6	41.5	132.5	
Tift	55.9	—	—	0.5	0.4	—	3.2	51.9	
Toombs	139.6	—	—	0.4	0.6	27.3	2.5	108.8	
Towns	64.8	38.4	0.3	—	0.1	0.1	—	25.9	
Treutlen	103.4	—	—	—	0.2	13.7	—	89.6	
Troup	182.7	—	11.9	0.0	0.4	22.5	10.7	137.2	
Turner	91.3	—	—	—	0.1	12.2	—	79.0	
Twiggs	188.5	—	3.2	—	0.1	48.5	17.0	119.6	
Union	135.6	73.3	0.8	0.2	0.2	0.5	4.7	55.8	
Upson	153.8	—	—	—	0.5	39.1	12.3	102.1	
Walker	190.5	18.7	—	14.6	0.9	5.2	17.6	133.5	
Walton	114.7	—	—	0.1	0.6	—	12.2	101.8	
Ware	345.1	—	9.3	47.6	2.0	162.5	15.7	108.1	
Warren	153.9	—	0.1	0.1	0.1	47.9	12.5	93.3	
Washington	315.4	—	—	0.4	0.2	41.9	33.2	239.8	
Wayne	322.3	—	0.2	—	0.7	182.2	18.3	120.9	
Webster	91.3	—	—	—	—	34.6	16.0	40.8	
Wheeler	153.6	—	—	0.3	0.0	28.6	15.4	109.3	
White	98.1	26.8	—	5.6	0.1	0.1	—	65.5	
Whitfield	102.8	11.7	0.0	0.0	1.5	15.4	12.2	62.0	
Wilcox	151.7	—	—	0.2	0.0	21.8	8.7	120.9	
Wilkes	230.9	—	6.5	0.0	0.2	74.4	0.5	149.2	
Wilkinson	254.4	—	—	8.2	0.4	51.0	51.8	143.0	
Worth	194.0	—	—	0.0	0.4	30.4	24.5	138.7	
<b>Total</b>	<b>23,796.1</b>	<b>710.7</b>	<b>669.1</b>	<b>259.8</b>	<b>111.5</b>	<b>4,890.5</b>	<b>2,727.0</b>	<b>14,427.5</b>	

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Includes 509.3 thousand acres of nonindustrial private land under long-term lease.

**Table 4—Area of timberland by county and forest-type group, Georgia, 1997**

County	Forest-type group								
	All groups	White-red-jack pine	Longleaf-slash	Loblolly-shortleaf	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked
<i>Thousand acres</i>									
Appling	222.0	—	106.4	39.4	23.8	5.8	40.1	—	6.6
Atkinson	169.9	—	75.7	18.8	11.3	10.6	40.1	2.1	11.3
Bacon	122.1	—	57.4	18.0	10.7	6.3	26.9	—	2.9
Baker	114.9	—	28.8	14.2	24.3	20.0	25.5	—	2.1
Baldwin	118.9	—	2.6	66.7	20.0	18.6	2.2	7.7	1.1
Banks	103.0	—	—	15.9	25.2	54.4	—	5.0	2.5
Barrow	45.3	—	—	9.9	6.6	27.5	1.3	—	—
Bartow	186.1	—	—	61.1	62.6	57.0	—	—	5.3
Ben Hill	109.5	—	29.4	37.8	16.8	2.3	15.2	—	7.9
Berrien	179.6	—	69.0	21.1	16.3	3.2	64.1	0.5	5.5
Bibb	87.1	—	—	44.6	11.0	16.2	15.2	—	—
Bleckley	78.6	—	14.1	24.1	5.1	15.4	18.7	1.3	—
Brantley	237.1	—	118.7	10.8	31.6	5.5	63.2	—	7.2
Brooks	189.3	—	36.4	22.5	28.3	30.7	68.5	0.8	2.1
Bryan	221.2	—	67.9	63.1	11.5	14.8	62.2	0.8	0.8
Bulloch	250.7	—	35.0	64.8	47.9	17.4	77.9	—	7.7
Burke	338.7	—	9.0	105.0	67.3	59.7	95.1	—	2.6
Butts	83.3	—	—	39.5	9.0	34.5	0.2	—	0.0
Calhoun	94.3	—	8.7	14.2	22.2	20.9	26.2	—	2.0
Camden	267.6	—	76.4	62.2	29.7	9.0	86.0	—	4.3
Candler	91.8	—	3.2	24.4	13.8	21.1	22.1	0.7	6.5
Carroll	185.8	—	—	60.6	22.5	85.3	14.0	—	3.3
Catoosa	46.5	—	—	—	10.8	31.9	1.9	—	1.9
Charlton	307.1	—	190.8	11.2	41.2	7.3	38.4	—	18.3
Chatham	86.6	—	8.2	22.5	2.8	20.5	30.8	—	1.8
Chattahoochee	142.0	—	12.6	62.1	36.1	9.4	21.8	—	—
Chattooga	155.0	—	—	48.2	12.8	83.2	5.4	5.4	—
Cherokee	176.4	—	—	50.5	32.2	88.4	5.4	—	—
Clarke	34.9	—	—	10.4	10.5	14.0	—	—	—
Clay	82.0	—	9.6	16.0	22.6	24.6	9.3	—	—
Clayton	28.1	—	—	8.9	4.6	4.5	4.6	1.8	3.7
Clinch	469.1	—	281.3	28.3	36.4	—	108.4	—	14.6
Cobb	46.0	—	—	21.0	12.4	12.6	—	—	—
Coffee	240.9	—	93.4	44.5	30.4	8.8	53.0	—	10.8
Colquitt	168.8	—	76.1	5.1	28.9	6.7	35.7	0.8	15.4
Columbia	120.8	—	—	58.2	21.1	22.3	15.8	1.6	1.8
Cook	78.5	—	18.4	12.4	11.3	7.8	27.5	—	1.0
Coweta	195.4	—	—	79.9	41.8	53.2	11.2	9.3	—
Crawford	163.2	—	—	82.9	37.5	32.3	9.7	0.7	—
Crisp	68.5	—	11.2	3.5	12.4	7.6	30.0	—	3.8
Dade	72.7	—	—	8.6	0.4	61.1	2.6	—	—
Dawson	101.1	—	—	32.3	22.1	45.4	—	—	1.2
Decatur	201.1	—	59.5	49.4	36.2	23.8	28.1	—	4.2
DeKalb	37.3	—	—	20.8	0.5	13.8	2.2	—	—
Dodge	204.7	—	59.1	44.0	22.8	28.2	46.3	—	4.3
Dooly	110.5	—	14.7	23.8	15.2	11.8	36.4	—	8.5
Dougherty	110.3	—	4.9	35.2	10.6	5.8	49.8	—	3.8
Douglas	79.3	—	—	13.7	8.1	53.9	3.6	—	—
Early	151.5	—	25.7	41.3	15.4	23.8	41.2	0.6	3.4
Echols	242.6	—	122.0	7.8	22.2	7.0	79.4	—	4.2
Effingham	235.0	—	36.2	80.7	28.8	20.4	62.6	—	6.2
Elbert	165.3	—	—	52.5	33.1	72.0	4.7	3.0	—
Emanuel	312.3	—	59.7	95.3	54.0	39.8	57.4	—	6.1

continued



**Table 4—Area of timberland by county and forest-type group, Georgia, 1997—Continued**

County	Forest-type group								
	All groups	White-red-jack pine	Longleaf-slash	Loblolly-shortleaf	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Nonstocked
<i>Thousand acres</i>									
Evans	72.2	—	10.1	18.3	13.2	5.6	24.2	—	0.7
Fannin	165.0	6.3	—	28.9	35.1	94.7	—	—	0.1
Fayette	59.6	—	—	19.2	19.0	14.9	6.5	—	—
Floyd	217.5	—	—	48.9	54.5	100.1	—	14.1	—
Forsyth	68.1	—	—	18.5	2.8	46.8	—	—	—
Franklin	90.6	—	—	22.3	14.9	43.5	—	9.9	—
Fulton	123.8	—	—	51.9	9.8	52.7	7.9	0.7	0.8
Gilmer	225.3	14.8	—	32.0	50.7	123.6	—	4.2	—
Glascocock	71.8	—	—	32.9	19.8	9.7	9.4	—	—
Glynn	147.4	—	21.0	67.4	10.7	5.2	31.4	—	11.8
Gordon	121.4	—	—	56.3	26.3	38.9	—	—	—
Grady	166.7	—	15.5	41.1	28.1	50.8	29.5	—	1.8
Greene	197.7	—	—	93.1	44.2	55.0	4.7	—	0.8
Gwinnett	104.4	—	—	26.5	23.3	51.4	—	3.3	—
Habersham	121.7	—	—	30.4	13.3	75.1	—	1.4	1.4
Hall	133.9	—	—	42.3	28.1	58.6	1.4	—	3.5
Hancock	274.8	—	6.2	151.0	61.7	31.8	23.7	0.4	—
Haralson	128.3	—	—	56.5	19.1	45.2	3.7	3.7	—
Harris	238.4	—	—	104.2	71.9	50.1	10.1	—	2.1
Hart	65.8	—	—	18.9	1.9	43.6	—	1.4	—
Heard	151.6	—	—	84.6	19.8	36.3	8.9	0.3	1.6
Henry	109.7	—	—	46.1	19.2	38.7	5.8	—	—
Houston	122.9	—	—	50.6	14.1	27.4	24.7	6.1	—
Irwin	117.5	—	43.3	15.3	24.3	9.5	22.9	2.2	—
Jackson	126.8	—	—	30.1	24.3	64.6	—	6.5	1.3
Jasper	190.7	—	—	97.1	15.5	69.8	7.6	—	0.7
Jeff Davis	151.6	—	65.4	35.7	20.4	4.9	20.3	—	4.9
Jefferson	214.1	—	4.3	81.9	9.6	62.9	55.3	—	0.1
Jenkins	150.5	—	10.2	50.3	17.1	20.4	49.2	3.3	0.1
Johnson	138.8	—	14.4	61.2	18.3	13.8	29.6	—	1.6
Jones	210.7	—	4.3	131.0	37.6	25.5	10.1	—	2.2
Lamar	72.1	—	—	29.6	15.0	12.4	10.6	4.4	—
Lanier	91.7	—	40.3	7.8	3.7	1.0	35.4	—	3.5
Laurens	312.2	—	51.1	102.3	20.0	62.5	69.4	4.9	2.0
Lee	99.2	—	4.1	18.0	7.2	32.7	33.0	—	4.1
Liberty	237.8	—	72.6	78.4	13.5	13.7	59.5	—	—
Lincoln	105.1	—	—	51.9	28.0	21.9	3.3	—	—
Long	232.5	—	47.9	73.4	10.9	11.2	89.1	—	—
Lowndes	211.9	—	66.0	13.4	35.4	33.5	52.2	—	11.4
Lumpkin	139.5	8.6	—	24.1	26.6	80.3	—	—	—
Macon	154.8	—	—	57.9	14.3	46.3	32.0	4.3	—
Madison	111.8	—	—	44.3	9.9	57.6	—	—	—
Marion	188.2	—	2.6	90.9	16.0	49.1	28.5	—	1.0
McDuffie	109.1	—	0.1	58.5	5.8	31.1	12.1	—	1.6
McIntosh	150.7	—	28.7	45.0	17.3	16.8	40.6	—	2.3
Meriwether	230.7	—	2.2	100.7	24.2	78.8	18.8	4.3	1.6
Miller	62.9	—	11.4	10.1	8.4	15.4	15.1	—	2.5
Mitchell	121.5	—	62.4	16.6	7.7	19.5	11.6	—	3.7
Monroe	194.3	—	1.1	90.4	28.8	61.9	11.7	—	0.4
Montgomery	113.4	—	38.3	11.2	24.7	11.7	22.3	4.3	0.9
Morgan	133.2	—	—	45.6	33.0	54.6	—	—	—
Murray	149.9	6.4	—	57.1	21.7	61.5	—	1.6	1.6
Muscogee	86.2	—	1.2	32.2	23.3	24.3	5.2	—	—

continued

**Table 4—Area of timberland by county and forest-type group, Georgia, 1997—Continued**

County	All groups	Forest-type group							Nonstocked
		White-red-jack pine	Longleaf-slash	Loblolly-shortleaf	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	
<i>Thousand acres</i>									
Newton	98.7	—	—	44.9	16.6	27.2	10.0	—	—
Oconee	62.0	—	—	9.4	16.5	32.0	4.1	—	—
Oglethorpe	225.7	—	—	96.4	16.9	71.4	11.1	28.2	1.7
Paulding	135.4	—	—	51.0	11.6	64.8	5.2	—	2.8
Peach	40.9	—	—	20.4	8.3	5.3	5.5	—	1.3
Pickens	115.1	—	—	29.3	16.1	69.7	—	—	—
Pierce	135.9	—	55.0	7.6	16.0	6.1	41.9	—	9.3
Pike	81.0	—	—	28.9	11.1	28.4	4.5	7.1	0.9
Polk	132.1	—	—	58.8	19.3	48.3	—	1.1	4.6
Pulaski	79.8	—	3.7	16.0	9.7	23.4	21.0	4.0	1.8
Putnam	174.5	—	—	107.8	28.5	25.4	12.8	—	0.1
Quitman	80.5	—	—	44.1	11.7	13.7	11.1	—	—
Rabun	190.4	26.1	—	25.2	33.7	105.4	—	—	—
Randolph	180.7	—	4.0	83.2	26.5	42.3	20.5	4.0	0.3
Richmond	121.2	—	26.1	32.8	24.2	14.8	20.4	2.9	0.0
Rockdale	39.0	—	—	12.8	—	26.2	—	—	—
Schley	78.3	—	—	40.1	22.0	9.1	7.1	—	—
Screven	247.4	—	15.3	91.5	15.7	35.5	78.4	2.4	8.6
Seminole	45.4	—	12.8	12.2	1.5	7.9	10.9	—	—
Spalding	66.9	—	—	17.8	21.5	18.6	6.8	—	2.3
Stephens	80.1	—	—	14.6	21.0	44.5	—	—	—
Stewart	253.7	—	—	134.7	46.6	59.1	8.9	—	4.4
Sumter	161.9	—	9.2	69.9	27.3	14.8	38.3	—	2.3
Talbot	219.5	—	—	120.9	60.7	25.1	12.7	—	0.1
Taliaferro	107.9	—	—	58.9	16.8	32.2	—	—	—
Tattnall	198.4	—	44.0	42.4	24.4	26.2	60.1	—	1.4
Taylor	190.4	—	24.0	63.7	37.3	44.3	19.8	—	1.3
Telfair	210.7	—	49.0	58.2	20.7	31.4	48.0	—	3.2
Terrell	103.1	—	9.1	25.6	14.6	9.6	43.1	—	1.0
Thomas	187.0	—	32.1	36.8	61.9	23.2	33.1	—	—
Tift	55.9	—	10.5	8.5	6.3	8.7	20.9	—	1.0
Toombs	139.6	—	27.7	40.3	22.0	15.5	34.1	—	—
Towns	64.8	—	—	6.7	13.2	44.9	—	—	—
Treutlen	103.4	—	57.6	19.4	5.5	5.5	15.4	—	—
Troup	182.7	—	0.0	67.3	24.2	77.5	2.7	10.9	—
Turner	91.3	—	36.7	17.2	5.4	6.3	16.3	—	9.3
Twiggs	188.5	—	—	63.4	31.3	50.9	23.2	15.5	4.3
Union	135.6	8.7	—	20.6	23.5	81.6	—	1.2	—
Upson	153.8	—	6.1	49.8	18.5	62.7	12.1	—	4.6
Walker	190.5	—	—	40.7	16.1	132.4	—	—	—
Walton	114.7	—	—	23.7	27.3	44.4	15.3	—	4.1
Ware	345.1	—	198.9	29.8	32.4	—	66.4	—	17.7
Warren	153.9	—	—	87.9	17.0	36.0	10.1	2.7	0.1
Washington	315.4	—	2.8	141.8	59.5	74.0	37.3	—	—
Wayne	322.3	—	144.8	52.3	32.6	25.1	54.0	—	13.5
Webster	91.3	—	14.3	44.8	10.9	14.8	3.7	—	2.8
Wheeler	153.6	—	41.6	50.0	13.0	11.6	37.4	—	0.0
White	98.1	13.7	—	17.5	19.7	47.2	—	—	—
Whitfield	102.8	—	—	44.0	7.2	50.2	—	1.4	—
Wilcox	151.7	—	66.0	21.4	11.3	5.6	40.0	—	7.5
Wilkes	230.9	—	—	124.2	68.4	20.2	16.4	—	1.8
Wilkinson	254.4	—	3.4	79.2	48.9	61.8	45.4	15.8	—
Worth	194.0	—	61.1	33.2	37.6	10.3	43.1	1.4	7.2
<b>Total</b>	<b>23,796.1</b>	<b>84.5</b>	<b>3,402.7</b>	<b>7,152.6</b>	<b>3,567.3</b>	<b>5,420.5</b>	<b>3,554.7</b>	<b>222.2</b>	<b>390.0</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 5—Area of timberland by county and stand-size class, Georgia, 1997**

County	All classes	Stand-size class			
		Sawtimber	Poletimber	Sapling-seedling	Nonstocked
<i>Thousand acres</i>					
Appling	222.0	67.4	73.4	74.6	6.6
Atkinson	169.9	45.7	63.4	49.5	11.3
Bacon	122.1	22.1	29.2	67.9	2.9
Baker	114.9	57.4	16.1	39.3	2.1
Baldwin	118.9	46.2	17.9	53.8	1.1
Banks	103.0	57.0	11.1	32.5	2.5
Barrow	45.3	29.3	5.3	10.7	—
Bartow	186.1	71.2	46.3	63.2	5.3
Ben Hill	109.5	18.9	27.2	55.5	7.9
Berrien	179.6	66.4	60.0	47.7	5.5
Bibb	87.1	42.3	16.4	28.3	—
Bleckley	78.6	31.3	36.1	11.2	—
Brantley	237.1	49.0	86.2	94.7	7.2
Brooks	189.3	63.4	35.4	88.3	2.1
Bryan	221.2	133.5	13.9	73.0	0.8
Bulloch	250.7	104.2	47.1	91.7	7.7
Burke	338.7	96.6	70.5	169.0	2.6
Butts	83.3	35.1	18.1	30.1	0.0
Calhoun	94.3	28.6	27.5	36.1	2.0
Camden	267.6	86.8	86.1	90.4	4.3
Candler	91.8	22.4	24.6	38.4	6.5
Carroll	185.8	86.6	39.8	56.1	3.3
Catoosa	46.5	31.6	0.0	13.0	1.9
Charlton	307.1	57.5	96.4	134.9	18.3
Chatham	86.6	47.3	27.2	10.3	1.8
Chattahoochee	142.0	66.2	18.8	57.0	—
Chattooga	155.0	63.4	31.4	60.3	—
Cherokee	176.4	125.4	21.6	29.3	—
Clarke	34.9	28.3	5.8	0.8	—
Clay	82.0	40.3	19.9	21.7	—
Clayton	28.1	10.6	7.4	6.4	3.7
Clinch	469.1	107.7	193.2	153.5	14.6
Cobb	46.0	37.6	1.0	7.3	—
Coffee	240.9	45.4	73.0	111.7	10.8
Colquitt	168.8	65.8	36.1	51.5	15.4
Columbia	120.8	73.9	26.6	18.5	1.8
Cook	78.5	35.8	18.8	22.9	1.0
Coweta	195.4	99.4	56.0	40.0	—
Crawford	163.2	25.9	72.9	64.3	—
Crisp	68.5	30.8	8.7	25.3	3.8
Dade	72.7	51.0	15.6	6.1	—
Dawson	101.1	84.2	1.2	14.5	1.2
Decatur	201.1	98.9	54.2	43.8	4.2
DeKalb	37.3	32.4	4.2	0.7	—
Dodge	204.7	73.2	58.9	68.3	4.3
Dooly	110.5	39.3	22.6	40.2	8.5
Dougherty	110.3	54.1	18.5	33.9	3.8
Douglas	79.3	62.8	7.3	9.2	—
Early	151.5	64.8	30.4	52.9	3.4
Echols	242.6	42.0	98.7	97.7	4.2
Effingham	235.0	67.1	52.6	109.0	6.2
Elbert	165.3	60.0	63.8	41.5	—
Emanuel	312.3	118.2	80.7	107.2	6.1

continued

**Table 5—Area of timberland by county and stand-size class, Georgia, 1997—Continued**

County	All classes	Stand-size class			
		Sawtimber	Poletimber	Sapling-seedling	Nonstocked
<i>Thousand acres</i>					
Evans	72.2	39.6	16.4	15.5	0.7
Fannin	165.0	121.3	23.8	19.8	0.1
Fayette	59.6	32.7	8.0	19.0	—
Floyd	217.5	94.2	60.8	62.5	—
Forsyth	68.1	40.1	15.1	12.9	—
Franklin	90.6	48.3	16.0	26.3	—
Fulton	123.8	102.8	11.2	8.9	0.8
Gilmer	225.3	174.5	31.3	19.4	—
Glascocock	71.8	29.2	15.8	26.8	—
Glynn	147.4	58.4	35.4	41.8	11.8
Gordon	121.4	20.6	41.3	59.6	—
Grady	166.7	81.4	30.8	52.7	1.8
Greene	197.7	86.0	52.1	58.8	0.8
Gwinnett	104.4	62.5	23.4	18.5	—
Habersham	121.7	90.0	6.9	23.4	1.4
Hall	133.9	77.5	17.8	35.1	3.5
Hancock	274.8	86.4	76.3	112.1	—
Haralson	128.3	37.0	44.3	47.0	—
Harris	238.4	73.1	78.6	84.6	2.1
Hart	65.8	42.4	13.5	9.9	—
Heard	151.6	42.4	53.5	54.2	1.6
Henry	109.7	55.3	27.0	27.5	—
Houston	122.9	34.2	38.1	50.6	—
Irwin	117.5	47.7	31.3	38.6	—
Jackson	126.8	45.4	21.1	59.0	1.3
Jasper	190.7	101.7	65.0	23.3	0.7
Jeff Davis	151.6	41.5	28.0	77.2	4.9
Jefferson	214.1	88.4	40.4	85.1	0.1
Jenkins	150.5	51.9	21.9	76.7	0.1
Johnson	138.8	49.0	30.0	58.1	1.6
Jones	210.7	86.8	31.9	89.8	2.2
Lamar	72.1	36.0	14.9	21.2	—
Lanier	91.7	36.9	21.7	29.6	3.5
Laurens	312.2	93.8	70.5	145.9	2.0
Lee	99.2	30.5	25.3	39.3	4.1
Liberty	237.8	130.1	45.8	61.9	—
Lincoln	105.1	59.0	11.5	34.6	—
Long	232.5	100.2	44.8	87.5	—
Lowndes	211.9	103.3	49.8	47.3	11.4
Lumpkin	139.5	107.8	7.7	24.0	—
Macon	154.8	66.5	29.7	58.6	—
Madison	111.8	38.8	53.2	19.7	—
Marion	188.2	34.6	45.6	106.9	1.0
McDuffie	109.1	60.4	23.0	24.1	1.6
McIntosh	150.7	53.4	39.3	55.6	2.3
Meriwether	230.7	69.1	66.1	93.9	1.6
Miller	62.9	22.6	14.7	23.1	2.5
Mitchell	121.5	42.7	42.5	32.6	3.7
Monroe	194.3	60.4	65.8	67.7	0.4
Montgomery	113.4	38.9	24.4	49.2	0.9
Morgan	133.2	66.5	13.7	53.0	—
Murray	149.9	97.1	23.3	27.9	1.6
Muscogee	86.2	51.8	13.6	20.9	—

continued

**Table 5—Area of timberland by county and stand-size class, Georgia, 1997—Continued**

County	All classes	Stand-size class			
		Sawtimber	Poletimber	Sapling-seedling	Nonstocked
<i>Thousand acres</i>					
Newton	98.7	71.9	9.1	17.7	—
Oconee	62.0	44.1	7.3	10.6	—
Oglethorpe	225.7	90.5	68.1	65.4	1.7
Paulding	135.4	53.4	27.5	51.6	2.8
Peach	40.9	8.8	11.0	19.8	1.3
Pickens	115.1	70.5	12.7	32.0	—
Pierce	135.9	41.3	42.6	42.7	9.3
Pike	81.0	41.8	11.3	27.0	0.9
Polk	132.1	46.5	35.7	45.3	4.6
Pulaski	79.8	28.8	16.9	32.2	1.8
Putnam	174.5	79.3	54.3	40.8	0.1
Quitman	80.5	16.9	36.0	27.5	—
Rabun	190.4	160.5	23.3	6.7	—
Randolph	180.7	52.9	44.9	82.6	0.3
Richmond	121.2	34.3	29.1	57.7	0.0
Rockdale	39.0	27.6	4.3	7.1	—
Schley	78.3	22.4	17.8	38.1	—
Screven	247.4	106.4	44.5	87.9	8.6
Seminole	45.4	18.5	6.4	20.5	—
Spalding	66.9	31.0	9.8	23.9	2.3
Stephens	80.1	35.9	10.3	33.9	—
Stewart	253.7	37.7	68.7	142.9	4.4
Sumter	161.9	46.3	43.8	69.5	2.3
Talbot	219.5	36.6	100.8	82.0	0.1
Taliaferro	107.9	49.9	22.1	35.9	—
Tattnall	198.4	58.4	43.9	94.8	1.4
Taylor	190.4	41.8	38.3	109.0	1.3
Telfair	210.7	50.5	47.7	109.2	3.2
Terrell	103.1	41.3	9.3	51.5	1.0
Thomas	187.0	91.3	14.5	81.2	—
Tift	55.9	26.9	8.3	19.7	1.0
Toombs	139.6	33.9	39.1	66.7	—
Towns	64.8	47.8	13.8	3.3	—
Treutlen	103.4	45.1	27.8	30.5	—
Troup	182.7	93.1	48.1	41.5	—
Turner	91.3	34.1	8.1	39.7	9.3
Twiggs	188.5	59.0	42.7	82.6	4.3
Union	135.6	88.3	18.2	29.1	—
Upson	153.8	82.2	29.4	37.6	4.6
Walker	190.5	102.1	56.7	31.7	—
Walton	114.7	85.1	14.0	11.6	4.1
Ware	345.1	79.1	125.4	123.0	17.7
Warren	153.9	56.0	26.9	71.0	0.1
Washington	315.4	116.3	69.1	130.0	—
Wayne	322.3	72.6	97.0	139.1	13.5
Webster	91.3	2.7	32.8	53.0	2.8
Wheeler	153.6	48.2	30.6	74.8	0.0
White	98.1	63.0	19.9	15.1	—
Whitfield	102.8	48.4	27.1	27.3	—
Wilcox	151.7	58.5	37.6	48.1	7.5
Wilkes	230.9	81.9	38.6	108.6	1.8
Wilkinson	254.4	109.1	55.2	90.2	—
Worth	194.0	96.6	35.9	54.3	7.2
<b>Total</b>	<b>23,796.1</b>	<b>9,612.7</b>	<b>5,642.8</b>	<b>8,150.2</b>	<b>390.4</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 6—Area of timberland by county and site class, Georgia, 1997**

County	All classes	Site class (cubic feet/acre/year)				
		20-49	50-84	85-119	120-164	>165
<i>Thousand acres</i>						
Appling	222.0	10.8	176.0	34.4	0.8	—
Atkinson	169.9	16.2	112.0	30.3	11.4	—
Bacon	122.1	7.9	97.5	13.2	—	3.5
Baker	114.9	11.6	60.3	40.0	3.0	—
Baldwin	118.9	16.0	55.3	45.4	2.2	—
Banks	103.0	—	81.2	21.9	—	—
Barrow	45.3	—	41.5	3.8	—	—
Bartow	186.1	5.3	129.7	41.9	9.2	—
Ben Hill	109.5	5.8	71.7	15.0	16.9	—
Berrien	179.6	24.7	102.7	47.8	4.5	—
Bibb	87.1	—	68.7	18.4	—	—
Bleckley	78.6	6.4	41.3	26.3	4.6	—
Brantley	237.1	31.2	157.0	44.7	4.1	—
Brooks	189.3	12.1	111.6	51.1	11.4	3.1
Bryan	221.2	16.3	110.7	68.2	25.9	—
Bulloch	250.7	13.1	170.6	40.6	26.3	—
Burke	338.7	34.1	241.2	50.8	12.5	—
Butts	83.3	—	59.8	23.1	0.4	—
Calhoun	94.3	—	76.5	17.8	—	—
Camden	267.6	29.6	147.7	77.8	12.5	—
Candler	91.8	10.9	58.9	22.0	—	—
Carroll	185.8	3.1	125.7	50.0	6.9	—
Catoosa	46.5	0.0	33.8	11.1	1.5	—
Charlton	307.1	18.4	210.6	69.5	8.7	—
Chatham	86.6	—	62.5	19.3	4.8	—
Chattahoochee	142.0	12.3	80.5	40.8	7.4	1.1
Chattooga	155.0	—	142.6	12.4	0.0	—
Cherokee	176.4	12.6	67.9	87.2	8.8	—
Clarke	34.9	—	25.6	5.5	3.9	—
Clay	82.0	7.8	56.7	13.3	4.1	—
Clayton	28.1	1.8	14.3	12.0	—	—
Clinch	469.1	48.4	317.0	100.5	3.1	—
Cobb	46.0	—	21.3	22.6	2.1	—
Coffee	240.9	20.4	176.4	44.1	—	—
Colquitt	168.8	2.6	56.4	101.2	5.5	3.1
Columbia	120.8	5.6	58.8	42.7	13.6	—
Cook	78.5	15.3	46.7	9.5	7.0	—
Coweta	195.4	14.6	105.4	74.5	0.8	—
Crawford	163.2	28.2	113.9	16.4	4.6	—
Crisp	68.5	2.4	39.0	20.5	6.6	—
Dade	72.7	19.6	28.8	24.3	—	—
Dawson	101.1	—	57.2	36.5	3.7	3.7
Decatur	201.1	9.4	140.3	48.7	2.7	0.0
DeKalb	37.3	—	20.6	16.7	—	—
Dodge	204.7	9.6	165.4	26.5	3.2	—
Dooly	110.5	3.1	72.5	34.0	0.9	—
Dougherty	110.3	6.4	63.3	40.6	—	—
Douglas	79.3	1.3	47.6	26.9	3.6	—
Early	151.5	11.0	104.0	34.6	1.8	—
Echols	242.6	15.7	182.7	40.9	3.3	—
Effingham	235.0	4.0	169.3	61.8	0.0	—
Elbert	165.3	9.0	126.7	29.6	—	—
Emanuel	312.3	36.3	204.1	65.7	6.1	—

continued

**Table 6—Area of timberland by county and site class, Georgia, 1997—Continued**

County	All classes	Site class (cubic feet/acre/year)				
		20-49	50-84	85-119	120-164	>165
<i>Thousand acres</i>						
Evans	72.2	—	48.9	15.3	8.0	—
Fannin	165.0	5.0	119.8	19.3	5.8	15.1
Fayette	59.6	—	38.3	21.2	—	—
Floyd	217.5	16.5	156.4	44.6	—	—
Forsyth	68.1	9.9	25.8	20.4	10.6	1.2
Franklin	90.6	3.3	55.0	31.5	—	0.8
Fulton	123.8	—	67.7	48.8	4.1	3.1
Gilmer	225.3	10.0	128.0	58.9	1.0	27.4
Glascock	71.8	—	62.0	9.6	0.2	—
Glynn	147.4	3.9	90.4	33.4	16.3	3.3
Gordon	121.4	22.2	80.3	19.0	—	—
Grady	166.7	—	121.6	39.9	5.1	—
Greene	197.7	10.3	96.2	91.2	—	—
Gwinnett	104.4	—	61.3	39.8	3.3	—
Habersham	121.7	—	88.3	27.8	—	5.6
Hall	133.9	5.0	89.3	31.6	3.1	5.0
Hancock	274.8	2.0	142.0	123.7	7.2	—
Haralson	128.3	—	71.0	51.5	3.7	2.1
Harris	238.4	26.6	144.5	50.1	17.1	—
Hart	65.8	5.6	49.1	11.1	—	—
Heard	151.6	7.4	99.2	42.7	2.3	—
Henry	109.7	3.9	73.7	29.2	2.9	—
Houston	122.9	3.4	77.5	41.9	—	—
Irwin	117.5	14.2	65.0	25.4	10.5	2.4
Jackson	126.8	9.9	59.4	57.5	—	—
Jasper	190.7	5.1	108.8	66.2	10.6	—
Jeff Davis	151.6	21.0	96.7	30.7	3.2	—
Jefferson	214.1	4.3	139.2	61.9	8.6	—
Jenkins	150.5	5.0	84.9	52.1	5.5	3.0
Johnson	138.8	3.2	96.1	37.6	1.9	—
Jones	210.7	—	131.7	68.8	10.1	—
Lamar	72.1	3.2	51.6	9.4	5.0	2.8
Lanier	91.7	18.5	56.3	16.9	—	—
Laurens	312.2	4.8	195.7	104.8	6.8	—
Lee	99.2	5.2	64.2	29.9	—	—
Liberty	237.8	14.5	155.7	58.8	4.7	4.1
Lincoln	105.1	—	61.8	41.2	—	2.1
Long	232.5	26.3	166.4	32.9	6.8	—
Lowndes	211.9	3.7	161.1	44.8	2.2	—
Lumpkin	139.5	10.4	57.0	53.1	4.0	15.0
Macon	154.8	17.2	94.0	43.5	—	—
Madison	111.8	5.2	64.3	36.6	—	5.7
Marion	188.2	61.6	97.1	29.5	—	—
McDuffie	109.1	5.3	63.1	37.0	3.6	—
McIntosh	150.7	19.8	98.0	25.4	6.7	0.8
Meriwether	230.7	9.8	141.6	74.2	5.1	—
Miller	62.9	9.3	37.7	15.7	0.1	—
Mitchell	121.5	6.6	44.3	69.0	—	1.6
Monroe	194.3	5.0	138.5	50.8	—	—
Montgomery	113.4	14.3	61.4	34.0	3.7	—
Morgan	133.2	—	81.1	52.1	—	—
Murray	149.9	11.5	101.9	20.9	12.2	3.4
Muscogee	86.2	6.9	45.4	18.9	15.1	—

continued

**Table 6—Area of timberland by county and site class, Georgia, 1997—Continued**

County	All classes	Site class (cubic feet/acre/year)				
		20-49	50-84	85-119	120-164	>165
<i>Thousand acres</i>						
Newton	98.7	1.2	63.8	25.5	8.3	—
Oconee	62.0	—	33.9	28.1	—	—
Oglethorpe	225.7	14.0	133.8	77.8	—	—
Paulding	135.4	22.5	87.4	25.6	0.0	—
Peach	40.9	—	38.1	2.9	—	—
Pickens	115.1	—	86.6	28.6	—	—
Pierce	135.9	14.8	89.9	31.2	—	—
Pike	81.0	7.7	50.1	23.3	—	—
Polk	132.1	17.4	104.0	10.7	—	—
Pulaski	79.8	4.7	62.5	12.5	—	—
Putnam	174.5	4.8	83.0	74.1	12.7	—
Quitman	80.5	—	47.5	27.5	5.4	—
Rabun	190.4	20.5	105.2	23.1	16.7	24.9
Randolph	180.7	1.0	147.9	26.8	5.0	—
Richmond	121.2	37.2	56.9	19.6	7.6	—
Rockdale	39.0	8.2	16.1	14.6	—	—
Schley	78.3	—	65.1	9.7	3.5	—
Screven	247.4	10.1	151.8	66.4	17.3	1.8
Seminole	45.4	14.0	23.9	2.9	4.5	—
Spalding	66.9	3.1	38.9	22.7	2.3	—
Stephens	80.1	5.3	35.9	29.5	9.3	—
Stewart	253.7	4.2	154.4	73.1	17.0	4.9
Sumter	161.9	8.0	106.8	43.7	3.4	—
Talbot	219.5	42.4	140.4	36.7	—	—
Taliaferro	107.9	18.2	64.3	25.5	—	—
Tattall	198.4	19.4	129.9	37.2	8.5	3.4
Taylor	190.4	75.9	83.5	31.0	—	—
Telfair	210.7	13.9	154.2	42.6	—	—
Terrell	103.1	—	69.2	33.9	—	—
Thomas	187.0	14.4	81.1	49.7	36.2	5.6
Tift	55.9	3.0	26.7	22.0	4.2	—
Toombs	139.6	11.8	109.3	18.6	—	—
Towns	64.8	15.5	33.3	13.3	2.7	—
Treutlen	103.4	7.0	77.9	15.8	2.8	—
Troup	182.7	3.4	128.0	51.3	—	—
Turner	91.3	2.8	69.7	11.6	—	7.2
Twiggs	188.5	6.2	138.1	44.2	—	—
Union	135.6	7.6	60.4	48.1	10.6	9.0
Upson	153.8	16.9	94.4	30.1	12.4	—
Walker	190.5	45.0	105.1	30.6	5.9	3.9
Walton	114.7	—	43.2	63.5	8.0	—
Ware	345.1	52.9	236.8	45.3	10.2	—
Warren	153.9	7.3	70.0	72.8	3.8	—
Washington	315.4	5.0	175.1	115.6	19.8	—
Wayne	322.3	41.2	219.1	55.4	6.5	—
Webster	91.3	1.9	52.1	37.4	—	—
Wheeler	153.6	12.2	109.9	28.5	3.1	—
White	98.1	9.2	50.5	16.7	15.9	5.7
Whitfield	102.8	12.5	71.5	10.9	8.0	—
Wilcox	151.7	4.0	99.2	43.2	5.4	—
Wilkes	230.9	2.6	144.5	71.2	12.6	—
Wilkinson	254.4	10.1	155.1	83.0	6.2	—
Worth	194.0	6.1	115.6	47.7	24.5	—
<b>Total</b>	<b>23,796.1</b>	<b>1,695.1</b>	<b>15,007.6</b>	<b>6,110.0</b>	<b>797.8</b>	<b>185.6</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.



**Table 7—Area of timberland by county and stocking class of growing-stock trees, Georgia, 1997**

County	All classes	Stocking class (percent)				
		<16.7	16.7-59	60-99	100-130	>130
<i>Thousand acres</i>						
Appling	222.0	10.0	64.8	118.8	28.4	—
Atkinson	169.9	30.3	57.3	57.8	23.3	1.1
Bacon	122.1	8.4	33.8	58.1	21.8	—
Baker	114.9	3.0	64.1	30.7	17.1	—
Baldwin	118.9	1.4	38.5	70.5	8.5	—
Banks	103.0	2.5	41.3	47.0	12.2	—
Barrow	45.3	0.8	22.7	20.4	1.3	—
Bartow	186.1	5.3	117.5	61.6	1.6	—
Ben Hill	109.5	10.1	31.3	54.8	13.2	—
Berrien	179.6	7.1	57.3	91.6	22.9	0.8
Bibb	87.1	6.1	34.0	37.7	9.2	—
Bleckley	78.6	—	36.0	34.8	7.8	—
Brantley	237.1	11.2	69.3	123.1	33.6	—
Brooks	189.3	9.5	68.4	88.6	22.8	—
Bryan	221.2	1.6	54.7	118.8	43.1	3.0
Bulloch	250.7	13.6	96.7	114.9	25.4	—
Burke	338.7	2.6	126.5	195.8	13.9	—
Butts	83.3	0.0	26.7	47.1	9.5	—
Calhoun	94.3	4.1	37.2	39.2	13.8	—
Camden	267.6	5.1	84.6	142.7	34.2	1.0
Candler	91.8	12.2	34.1	37.8	7.7	—
Carroll	185.8	8.3	62.6	106.3	7.4	1.1
Catoosa	46.5	1.9	17.2	27.4	—	—
Charlton	307.1	35.0	90.0	159.0	23.2	—
Chatham	86.6	8.5	20.6	44.6	8.1	4.7
Chattahoochee	142.0	—	65.5	73.1	3.5	—
Chattooga	155.0	2.7	82.0	69.0	1.4	—
Cherokee	176.4	1.3	64.4	94.2	16.5	—
Clarke	34.9	—	18.9	9.3	6.8	—
Clay	82.0	—	13.2	60.5	8.2	—
Clayton	28.1	5.5	2.8	12.6	7.2	—
Clinch	469.1	30.3	143.4	239.6	52.9	2.9
Cobb	46.0	—	8.4	28.1	7.4	2.1
Coffee	240.9	12.1	100.7	97.1	28.6	2.4
Colquitt	168.8	18.5	52.1	74.9	23.2	—
Columbia	120.8	3.4	23.9	77.4	16.1	—
Cook	78.5	6.2	25.1	41.2	6.0	—
Coweta	195.4	1.2	51.2	131.8	11.2	—
Crawford	163.2	4.6	80.8	57.6	20.1	—
Crisp	68.5	6.6	24.1	31.7	5.3	0.8
Dade	72.7	—	26.1	40.9	5.8	—
Dawson	101.1	1.2	50.8	42.9	6.2	—
Decatur	201.1	4.8	78.6	82.6	35.1	—
DeKalb	37.3	2.2	2.2	29.2	3.7	—
Dodge	204.7	13.5	76.8	105.3	9.1	—
Dooly	110.5	8.5	38.5	49.0	9.8	4.7
Dougherty	110.3	5.1	45.3	53.0	5.1	1.9
Douglas	79.3	0.9	29.7	40.4	8.3	—
Early	151.5	4.4	48.5	66.6	26.9	5.0
Echols	242.6	9.3	108.3	108.8	16.3	—
Effingham	235.0	11.2	81.8	112.4	29.6	—
Elbert	165.3	—	52.0	106.5	5.6	1.2
Emanuel	312.3	16.3	98.6	160.4	37.0	—

continued

**Table 7—Area of timberland by county and stocking class of growing-stock trees, Georgia, 1997—Continued**

County	All classes	Stocking class (percent)				
		<16.7	16.7-59	60-99	100-130	>130
<i>Thousand acres</i>						
Evans	72.2	1.8	27.1	33.4	10.0	—
Fannin	165.0	0.1	82.3	82.1	0.6	—
Fayette	59.6	—	32.7	17.5	9.4	—
Floyd	217.5	5.1	99.9	105.8	6.8	—
Forsyth	68.1	—	21.4	37.1	5.0	4.7
Franklin	90.6	0.1	15.1	65.1	8.8	1.5
Fulton	123.8	0.8	23.0	86.7	12.3	0.9
Gilmer	225.3	—	134.7	89.6	—	1.0
Glascocock	71.8	—	27.9	43.9	—	—
Glynn	147.4	11.8	37.2	62.7	32.4	3.3
Gordon	121.4	—	44.7	68.3	8.3	—
Grady	166.7	7.8	65.4	86.0	7.5	—
Greene	197.7	0.8	75.7	117.4	3.9	—
Gwinnett	104.4	—	35.2	66.7	2.5	—
Habersham	121.7	1.4	39.6	67.5	13.2	—
Hall	133.9	6.3	44.4	76.7	6.5	—
Hancock	274.8	1.6	86.7	158.4	28.1	—
Haralson	128.3	1.7	47.1	64.7	14.8	—
Harris	238.4	2.1	92.4	127.1	15.6	1.2
Hart	65.8	0.3	24.6	38.6	2.3	—
Heard	151.6	1.6	32.7	91.8	25.6	—
Henry	109.7	1.0	30.1	72.7	5.9	—
Houston	122.9	—	37.5	74.2	11.1	—
Irwin	117.5	4.1	38.0	69.1	6.4	—
Jackson	126.8	3.9	68.0	43.0	11.9	—
Jasper	190.7	0.9	78.4	99.7	11.7	—
Jeff Davis	151.6	6.9	70.4	56.6	17.7	—
Jefferson	214.1	3.7	69.5	115.2	25.7	—
Jenkins	150.5	9.1	53.3	63.9	20.3	3.8
Johnson	138.8	2.4	42.4	69.0	22.5	2.6
Jones	210.7	2.2	68.3	132.9	7.3	—
Lamar	72.1	0.0	40.8	30.6	0.7	—
Lanier	91.7	10.4	29.2	38.8	13.4	—
Laurens	312.2	5.1	95.2	189.3	20.3	2.3
Lee	99.2	7.0	51.0	20.6	20.6	—
Liberty	237.8	—	71.8	145.5	20.5	—
Lincoln	105.1	—	35.1	60.6	9.4	—
Long	232.5	9.1	68.1	133.0	22.2	—
Lowndes	211.9	11.6	112.5	69.5	17.7	0.6
Lumpkin	139.5	—	52.3	77.9	9.3	—
Macon	154.8	6.5	74.3	58.4	15.6	—
Madison	111.8	2.9	36.2	62.3	10.4	—
Marion	188.2	28.4	79.1	68.7	11.9	0.1
McDuffie	109.1	1.6	34.5	62.6	10.4	—
McIntosh	150.7	10.0	47.8	72.5	20.3	—
Meriwether	230.7	6.5	63.0	146.7	14.4	—
Miller	62.9	2.5	15.1	31.9	12.7	0.6
Mitchell	121.5	4.6	26.6	50.9	28.9	10.6
Monroe	194.3	0.9	50.1	125.3	18.0	—
Montgomery	113.4	4.6	37.2	67.9	3.7	—
Morgan	133.2	1.5	50.8	73.3	7.6	—
Murray	149.9	1.6	26.3	105.0	17.0	—
Muscogee	86.2	6.6	37.8	30.5	11.3	—

continued

**Table 7—Area of timberland by county and stocking class of growing-stock trees, Georgia, 1997—Continued**

County	All classes	Stocking class (percent)				
		<16.7	16.7-59	60-99	100-130	>130
<i>Thousand acres</i>						
Newton	98.7	1.2	42.4	55.0	—	—
Oconee	62.0	6.3	42.0	12.5	1.3	—
Oglethorpe	225.7	2.2	104.6	110.1	8.8	—
Paulding	135.4	2.8	62.4	66.3	3.9	—
Peach	40.9	5.4	11.3	24.3	—	—
Pickens	115.1	—	37.4	74.1	3.7	—
Pierce	135.9	22.7	36.2	60.0	13.7	3.2
Pike	81.0	0.9	20.6	51.7	7.3	0.5
Polk	132.1	4.9	61.6	58.7	6.8	—
Pulaski	79.8	6.8	29.7	31.8	11.5	—
Putnam	174.5	0.1	57.4	97.8	19.2	—
Quitman	80.5	0.2	28.1	52.0	0.2	—
Rabun	190.4	1.1	75.7	111.5	2.0	—
Randolph	180.7	5.9	59.8	102.9	11.1	1.0
Richmond	121.2	1.9	66.4	37.1	15.7	—
Rockdale	39.0	—	18.0	21.0	—	—
Schley	78.3	—	27.7	48.0	2.6	—
Screven	247.4	12.3	95.1	97.9	36.1	6.0
Seminole	45.4	—	11.7	24.0	9.6	—
Spalding	66.9	4.9	15.6	37.8	8.4	0.3
Stephens	80.1	—	56.7	20.6	2.8	—
Stewart	253.7	5.6	98.1	126.6	23.3	—
Sumter	161.9	6.2	46.9	91.8	17.1	—
Talbot	219.5	1.5	82.8	120.8	14.5	—
Taliaferro	107.9	—	42.3	65.6	0.1	—
Tattnall	198.4	18.6	65.6	90.6	23.7	—
Taylor	190.4	25.9	76.8	78.8	8.1	0.8
Telfair	210.7	14.0	90.6	97.1	8.9	—
Terrell	103.1	5.1	62.9	28.8	6.2	—
Thomas	187.0	7.8	53.6	103.6	22.1	—
Tift	55.9	1.8	19.5	16.1	16.8	1.6
Toombs	139.6	6.6	49.0	54.0	28.3	1.7
Towns	64.8	1.7	43.4	14.1	5.6	—
Treutlen	103.4	—	33.3	54.5	14.7	1.0
Troup	182.7	1.9	52.6	117.7	10.5	—
Turner	91.3	11.1	32.8	31.1	16.2	—
Twiggs	188.5	5.5	80.6	91.4	11.0	—
Union	135.6	2.4	73.1	54.9	5.2	—
Upson	153.8	4.6	68.9	72.5	7.9	—
Walker	190.5	—	69.5	98.5	22.5	—
Walton	114.7	4.1	43.9	49.8	15.5	1.5
Ware	345.1	25.6	73.1	200.9	45.6	—
Warren	153.9	8.1	49.7	85.2	11.0	—
Washington	315.4	1.4	116.2	185.4	12.5	—
Wayne	322.3	32.7	142.8	137.7	9.0	—
Webster	91.3	2.8	39.9	32.4	16.2	—
Wheeler	153.6	9.3	47.3	93.2	3.9	—
White	98.1	1.2	42.1	49.8	5.0	—
Whitfield	102.8	2.6	47.6	52.6	—	—
Wilcox	151.7	12.9	49.0	71.1	15.6	3.1
Wilkes	230.9	6.1	50.4	136.1	38.2	—
Wilkinson	254.4	12.1	90.0	140.5	11.8	—
Worth	194.0	12.2	64.1	83.5	34.3	—
<b>Total</b>	<b>23,796.1</b>	<b>898.6</b>	<b>8,620.3</b>	<b>12,052.4</b>	<b>2,138.2</b>	<b>86.6</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 8—Area of timberland by forest-type group, stand origin, and ownership class, Georgia, 1997**

Forest-type group and stand origin	Ownership class					
	All classes	National forest	Other public	Forest industry	Forest industry- leased	Nonindustrial private
<i>Thousand acres</i>						
<b>Softwood types</b>						
White-red-jack pine						
Planted	—	—	—	—	—	—
Natural	84.5	48.8	5.6	—	—	30.1
Total	84.5	48.8	5.6	—	—	30.1
Longleaf-slash pine						
Planted	2,118.9	—	49.6	781.9	119.8	1,167.6
Natural	1,283.8	2.1	181.9	143.0	10.1	946.7
Total	3,402.7	2.1	231.6	924.9	129.9	2,114.3
Loblolly-shortleaf pine						
Planted	3,951.2	49.3	59.4	1,636.8	141.5	2,064.2
Natural	3,201.5	92.3	240.4	241.5	20.0	2,607.4
Total	7,152.6	141.5	299.8	1,878.2	161.5	4,671.6
Total softwoods	10,639.8	192.4	536.9	2,803.1	291.4	6,815.9
<b>Hardwood types</b>						
Oak-pine						
Planted	454.7	1.3	1.8	125.5	24.9	301.1
Natural	3,112.6	147.9	153.0	280.1	37.6	2,493.9
Total	3,567.3	149.2	154.8	405.7	62.5	2,795.1
Oak-hickory	5,420.5	358.3	138.5	328.7	33.2	4,561.7
Oak-gum-cypress	3,554.7	7.5	185.7	689.3	110.1	2,562.1
Elm-ash-cottonwood	222.2	3.3	15.4	47.0	—	156.5
Maple-beech-birch	1.3	—	—	—	—	1.3
Total hardwoods	12,765.9	518.3	494.5	1,470.6	205.8	10,076.7
<b>Nonstocked</b>	390.4	—	9.0	107.4	12.1	261.9
<b>All groups</b>	23,796.1	710.7	1,040.4	4,381.2	509.3	17,154.5

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 9—Area of timberland by forest-type group, detailed forest type, and ownership class, Georgia, 1997**

Forest-type group and detailed forest type	Ownership class					
	All classes	National forest	Other public	Forest industry	Forest industry- leased	Nonindustrial private
<i>Thousand acres</i>						
<b>Softwood types</b>						
White pine–hemlock						
White pine	74.3	45.1	5.6	—	—	23.7
White pine–hemlock	10.1	3.7	—	—	—	6.4
Total	84.5	48.8	5.6	—	—	30.1
Longleaf–slash						
Longleaf pine	376.5	—	66.9	30.6	0.5	278.4
Slash pine	3,026.3	2.1	164.6	894.3	129.4	1,835.9
Total	3,402.7	2.1	231.6	924.9	129.9	2,114.3
Loblolly–shortleaf						
Loblolly pine	6,535.4	88.8	267.8	1,831.9	160.5	4,186.4
Shortleaf pine	287.0	18.2	16.6	19.0	—	233.2
Virginia pine	227.3	29.0	6.5	7.0	—	184.9
Sand pine	37.4	—	1.6	11.3	—	24.5
Eastern redcedar	8.7	—	—	1.7	—	7.0
Pond pine	43.0	—	7.3	7.4	1.1	27.2
Pitch pine	10.2	5.6	—	—	—	4.6
Table Mountain pine	3.7	—	—	—	—	3.7
Total	7,152.6	141.5	299.8	1,878.2	161.5	4,671.6
Total softwoods	10,639.8	192.4	536.9	2,803.1	291.4	6,815.9
<b>Hardwood types</b>						
Oak–pine						
White pine–n. red oak–white ash	70.3	55.1	0.2	—	—	15.0
Eastern redcedar–hardwood	10.3	—	1.0	—	—	9.3
Longleaf pine–scrub oak	199.3	—	31.3	13.2	—	154.9
Shortleaf pine–oak	287.0	21.5	12.8	22.0	—	230.6
Virginia pine–s. red oak	178.0	36.9	—	5.2	—	135.9
Loblolly pine–hardwood	2,169.8	27.4	85.3	233.1	39.7	1,784.3
Slash pine–hardwood	557.1	—	22.5	120.3	22.8	391.5
Other oak–pine	95.5	8.3	1.8	12.0	—	73.4
Total	3,567.3	149.2	154.8	405.7	62.5	2,795.1
Oak–hickory						
Post oak–black oak	164.0	5.8	—	0.2	—	157.9
Chestnut oak	415.3	116.9	14.3	6.7	11.6	265.8
White oak–red oak–hickory	1,526.4	114.0	66.8	58.4	1.1	1,286.0
White oak	72.1	—	—	—	—	72.1
Yellow-poplar–white oak–n. red oak	419.8	77.6	1.3	30.7	—	310.1
Southern scrub oak	217.3	—	5.2	13.8	—	198.2
Sweetgum–yellow-poplar	1,095.8	10.0	12.8	120.7	3.3	949.0
Mixed hardwood	1,509.9	33.9	38.1	98.1	17.2	1,322.6
Total	5,420.5	358.3	138.5	328.7	33.2	4,561.7
Oak–gum–cypress						
Swamp chestnut oak–cherrybark oak	37.8	5.0	6.1	4.6	—	22.0
Sweetgum–water oak–willow oak	1,316.4	2.5	63.8	235.8	17.8	996.5
Sugarberry–elm–green ash	145.2	—	8.1	27.9	—	109.3
Overcup oak–water hickory	25.7	—	—	2.8	4.4	18.5
Cypress–water tupelo	447.6	—	33.3	118.5	34.7	261.1
Sweetbay–blackgum–red maple	1,574.8	—	67.2	299.7	53.2	1,154.7
Palm–other tropical	7.1	—	7.1	—	—	—
Total	3,554.7	7.5	185.7	689.3	110.1	2,562.1
Elm–ash–cottonwood						
River birch–sycamore	77.7	3.3	3.8	11.9	—	58.7
Willow	68.7	—	3.0	11.9	—	53.8
Sycamore–pecan–elm	75.7	—	8.6	23.2	—	43.9
Total	222.2	3.3	15.4	47.0	—	156.5
Maple–beech–birch						
Sugar maple–beech–yellow birch	1.3	—	—	—	—	1.3
Total	1.3	—	—	—	—	1.3
Total hardwoods	12,765.9	518.3	494.5	1,470.6	205.8	10,076.7
<b>Nonstocked</b>	390.4	—	9.0	107.4	12.1	261.9
<b>All groups</b>	23,796.1	710.7	1,040.4	4,381.2	509.3	17,154.5

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of &gt;0.0 but &lt;0.05 for the cell.

**Table 10—Area of timberland by ownership and stocking class of growing-stock trees, Georgia, 1997**

Ownership class	All classes	Stocking class (percent)				
		<16.7	16.7-59	60-99	100-130	>130
<i>Thousand acres</i>						
National forest	710.7	3.0	320.3	363.5	23.9	—
Other public	1,040.4	32.2	340.4	556.1	106.6	5.0
Forest industry	4,381.2	187.0	1,256.7	2,433.2	487.5	16.7
Forest industry-leased	509.3	16.7	169.6	247.9	72.7	2.5
Nonindustrial private	17,154.5	659.6	6,533.3	8,451.7	1,447.4	62.4
All ownerships	23,796.1	898.6	8,620.3	12,052.4	2,138.2	86.6

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 11—Area of timberland by forest-type group, stand origin, and stand-size class, Georgia, 1997**

Forest-type group and stand origin	All classes	Stand-size class			
		Sawtimber	Poletimber	Sapling-seedling	Nonstocked
<i>Thousand acres</i>					
<b>Softwood types</b>					
White-red-jack pine					
Planted	—	—	—	—	—
Natural	84.5	83.2	1.2	—	—
Total	84.5	83.2	1.2	—	—
Longleaf-slash pine					
Planted	2,118.9	276.1	958.0	884.9	—
Natural	1,283.8	910.4	143.5	229.9	—
Total	3,402.7	1,186.5	1,101.5	1,114.8	—
Loblolly-shortleaf pine					
Planted	3,951.2	420.5	1,669.4	1,861.2	—
Natural	3,201.5	1,878.7	481.1	841.7	—
Total	7,152.6	2,299.2	2,150.5	2,702.9	—
Total softwoods	10,639.8	3,568.9	3,253.3	3,817.7	—
<b>Hardwood types</b>					
Oak-pine					
Planted	454.7	23.9	42.0	388.7	—
Natural	3,112.6	1,276.3	595.0	1,241.3	—
Total	3,567.3	1,300.2	637.0	1,630.0	—
Oak-hickory	5,420.5	2,791.7	951.8	1,677.0	—
Oak-gum-cypress	3,554.7	1,811.6	759.0	984.0	—
Elm-ash-cottonwood	222.2	140.3	41.7	40.2	—
Maple-beech-birch	1.3	—	—	1.3	—
Total hardwoods	12,765.9	6,043.8	2,389.6	4,332.6	—
<b>Nonstocked</b>	390.4	—	—	—	390.4
<b>All groups</b>	23,796.1	9,612.7	5,642.8	8,150.2	390.4

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 12—Area of timberland by stand-age class and forest management type, all ownerships, Georgia, 1997**

Stand-age class	All types	Forest management type					Nonstocked
		Pine plantation	Natural pine	Oak–pine	Upland hardwood	Lowland hardwood	
<i>Years</i>		<i>Thousand acres</i>					
0-10	6,468.5	2,686.4	723.5	1,000.9	1,137.1	625.9	294.6
11-20	4,425.9	2,220.7	624.5	634.3	543.1	369.6	33.7
21-30	2,411.5	848.3	424.9	419.2	403.4	299.2	16.6
31-40	2,362.6	255.4	739.7	330.5	612.3	408.4	16.2
41-50	2,563.1	50.4	885.8	445.0	694.5	477.8	9.5
51-60	2,387.5	7.6	626.7	346.0	823.0	573.6	10.6
61-70	1,512.4	1.1	335.0	201.0	546.6	422.5	6.2
71-80	833.6	—	146.8	121.3	338.0	226.1	1.3
81+	831.0	—	62.8	69.1	323.8	373.7	1.6
<b>All classes</b>	<b>23,796.1</b>	<b>6,070.1</b>	<b>4,569.7</b>	<b>3,567.3</b>	<b>5,421.8</b>	<b>3,776.8</b>	<b>390.4</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 13—Area of timberland by stand-age class and forest management type, public ownerships, Georgia, 1997**

Stand-age class	All types	Forest management type					Nonstocked
		Pine plantation	Natural pine	Oak–pine	Upland hardwood	Lowland hardwood	
<i>Years</i>		<i>Thousand acres</i>					
0-10	133.2	27.9	24.6	29.3	23.9	22.8	4.7
11-20	250.5	84.7	63.2	65.6	27.2	8.5	1.3
21-30	93.9	27.2	31.6	10.4	17.6	4.2	2.9
31-40	164.9	10.7	55.9	39.9	31.2	27.3	—
41-50	209.2	7.7	100.6	31.7	38.3	30.8	0.0
51-60	256.3	0.1	118.0	32.5	82.5	23.1	—
61-70	220.0	—	73.0	32.6	97.9	16.5	—
71-80	197.7	—	59.4	35.2	75.2	27.9	0.1
81+	225.3	—	44.6	26.9	103.1	50.7	—
<b>All classes</b>	<b>1,751.1</b>	<b>158.3</b>	<b>571.0</b>	<b>304.0</b>	<b>496.9</b>	<b>211.9</b>	<b>9.0</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 14—Area of timberland by stand-age class and forest management type, forest industry ownerships, Georgia, 1997**

Stand-age class	All types <sup>a</sup>	Forest management type					Nonstocked
		Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood	
<i>Years</i>							
<i>Thousand acres</i>							
0-10	1,641.5	1,035.6	87.4	158.6	96.5	165.6	97.9
11-20	1,201.0	970.7	48.6	73.1	46.8	55.9	6.0
21-30	817.8	580.3	50.0	84.3	43.0	53.1	7.0
31-40	324.7	86.8	74.7	42.7	31.9	83.7	4.8
41-50	274.8	6.7	87.6	37.2	43.6	99.7	—
51-60	258.7	—	31.5	29.0	50.5	144.8	2.8
61-70	149.5	—	26.5	24.6	33.7	63.7	0.9
71-80	57.1	—	8.3	13.4	0.7	34.7	—
81+	165.6	—	—	5.3	15.1	145.1	—
All classes	4,890.5	2,680.0	414.6	468.2	361.9	846.4	119.5

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Includes 509.3 thousand acres of nonindustrial private land under long-term lease.

**Table 15—Area of timberland by stand-age class and forest management type, nonindustrial private ownerships, Georgia, 1997**

Stand-age class	All types <sup>a</sup>	Forest management type					Nonstocked
		Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood	
<i>Years</i>							
<i>Thousand acres</i>							
0-10	4,693.7	1,623.0	611.6	813.0	1,016.7	437.5	192.0
11-20	2,974.4	1,165.3	512.7	495.6	469.1	305.3	26.4
21-30	1,499.8	240.8	343.2	324.5	342.7	241.8	6.7
31-40	1,873.0	158.0	609.1	247.9	549.2	297.4	11.4
41-50	2,079.1	36.1	697.6	376.1	612.6	347.3	9.5
51-60	1,872.5	7.5	477.2	284.5	689.9	405.6	7.8
61-70	1,142.9	1.1	235.5	143.7	415.0	342.3	5.3
71-80	578.7	—	79.1	72.7	262.2	163.5	1.2
81+	440.2	—	18.2	37.0	205.5	177.9	1.6
All classes	17,154.5	3,231.8	3,584.2	2,795.1	4,563.0	2,718.6	261.9

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Excludes 509.3 thousand acres of nonindustrial private land under long-term lease to forest industry.



**Table 16—Area of nonindustrial private timberland by ownership, forested tract-size class, and forest management type, Georgia, 1997**

Ownership and forested tract-size class	All types	Forest management type					Nonstocked
		Pine plantation	Natural pine	Oak–pine	Upland hardwood	Lowland hardwood	
<i>Acres</i>							
		<i>Thousand acres</i>					
<b>Individual</b>							
≤ 10	1,124.3	36.4	342.2	191.5	464.6	73.0	16.7
11-50	2,243.2	203.3	587.4	398.7	751.5	262.9	39.5
51-100	2,220.3	267.9	487.5	362.7	678.3	382.9	40.9
101-200	3,000.5	593.9	562.6	481.0	837.9	477.6	47.5
201-500	3,459.3	765.5	656.4	567.3	725.5	700.9	43.8
≥ 501	2,379.8	657.8	413.3	355.3	457.9	466.4	29.1
Total	14,427.5	2,524.9	3,049.3	2,356.6	3,915.6	2,363.6	217.5
<b>Corporate</b>							
≤ 10	62.4	4.5	28.3	9.6	18.2	1.8	—
11-50	173.2	15.0	35.0	17.2	78.4	20.4	7.3
51-100	191.5	30.5	44.5	51.6	41.3	19.0	4.7
101-200	364.3	77.5	61.1	43.8	124.0	54.8	3.1
201-500	561.9	169.4	101.0	77.3	148.9	57.1	8.3
≥ 501	1,373.8	409.9	265.0	239.1	236.8	201.9	21.1
Total	2,727.0	706.9	534.8	438.5	647.4	355.0	44.4
<b>All nonindustrial private</b>							
≤ 10	1,186.7	40.9	370.4	201.1	482.7	74.8	16.7
11-50	2,416.5	218.4	622.4	415.9	829.8	283.2	46.8
51-100	2,411.8	298.4	532.1	414.3	719.6	401.9	45.6
101-200	3,364.8	671.5	623.6	524.8	961.9	532.4	50.6
201-500	4,021.2	934.9	757.4	644.5	874.3	758.0	52.1
≥ 501	3,753.5	1,067.8	678.2	594.5	694.7	668.2	50.2
Total	17,154.5	3,231.8	3,584.2	2,795.1	4,563.0	2,718.6	261.9

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 17—Number of live trees on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)												
	All classes	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Thousand trees</i>													
<b>Softwood</b>													
Longleaf pine	87,749	29,430	19,091	8,528	6,682	7,729	6,572	4,942	2,838	1,230	324	383	—
Slash pine	1,075,791	292,034	302,457	245,311	129,633	56,506	26,408	12,551	6,354	2,926	957	654	—
Shortleaf pine	193,365	59,048	44,864	31,325	23,887	16,190	10,265	4,142	2,282	937	254	151	20
Loblolly pine	3,152,624	1,360,687	770,809	539,706	250,564	103,921	56,090	32,278	19,117	9,737	5,214	4,347	154
Pond pine	14,433	2,883	2,912	2,234	1,813	1,571	1,299	953	457	206	46	59	—
Virginia pine	153,708	67,272	31,915	18,529	14,169	10,834	6,238	3,248	1,037	409	27	30	—
Pitch pine	2,875	381	381	440	497	412	179	321	145	89	—	30	—
Table Mountain pine	832	—	381	—	116	111	56	168	—	—	—	—	—
Spruce pine	6,439	3,425	945	565	354	393	99	106	256	65	149	82	—
Sand pine	14,715	4,116	4,117	4,417	1,719	309	18	19	—	—	—	—	—
Eastern white pine	53,510	31,124	9,231	4,487	2,302	1,765	1,176	677	666	584	593	787	118
Eastern hemlock	10,845	5,732	2,710	1,199	503	352	230	56	63	—	—	—	—
Baldcypress	17,484	7,533	1,613	1,825	1,485	1,023	1,162	986	633	530	224	352	118
Pondcypress	198,398	100,373	40,750	20,539	13,726	9,677	6,672	3,847	1,610	698	272	196	38
Atlantic white-cedar	37	—	—	20	—	—	17	—	—	—	—	—	—
Redcedars	51,623	31,882	11,917	4,129	2,098	790	346	254	159	48	—	—	—
<b>Total softwoods</b>	<b>5,034,428</b>	<b>1,995,920</b>	<b>1,244,093</b>	<b>883,254</b>	<b>449,548</b>	<b>211,583</b>	<b>116,827</b>	<b>64,548</b>	<b>35,617</b>	<b>17,459</b>	<b>8,060</b>	<b>7,071</b>	<b>448</b>
<b>Hardwood</b>													
Select white oaks	253,846	120,041	47,248	25,717	18,607	12,926	10,304	7,373	5,000	3,000	1,690	1,791	149
Select red oaks	50,595	26,961	6,321	4,708	3,454	2,344	2,072	1,285	1,499	719	388	732	112
Other white oaks	281,652	131,898	55,317	30,848	20,438	14,795	10,405	6,554	4,108	3,062	1,369	2,206	652
Other red oaks	1,895,616	1,324,707	272,532	107,438	64,672	42,546	30,392	20,012	12,847	7,745	5,346	6,168	1,211
Hickory	400,436	260,812	62,165	29,891	17,387	12,742	7,813	4,107	2,594	1,619	542	656	108
Yellow birch	428	376	—	52	—	—	—	—	—	—	—	—	—
Hard maple	45,602	34,457	7,125	2,284	833	282	312	185	58	25	41	—	—
Soft maple	1,185,577	886,342	166,565	62,673	29,017	17,638	10,353	5,473	3,283	2,072	733	1,276	152
Beech	25,061	18,812	2,191	1,503	526	434	489	196	304	268	30	280	28
Sweetgum	1,812,543	1,267,916	299,576	110,171	55,978	35,201	19,793	11,823	5,724	3,168	1,392	1,633	168
Tupelo and blackgum	1,180,836	710,382	234,112	99,835	55,510	34,581	21,977	12,186	6,514	2,769	1,523	1,358	89
Ash	151,861	104,547	23,413	9,537	4,614	3,249	2,308	1,692	1,140	495	291	536	39
Cottonwood	320	—	—	81	57	26	30	47	20	—	—	59	—
Basswood	4,421	2,969	—	539	455	165	108	137	30	—	18	—	—
Yellow-poplar	388,630	234,441	55,247	30,307	18,231	13,307	11,294	8,269	6,724	4,588	2,898	3,004	320
Bay and magnolia	348,352	237,497	63,467	21,208	12,510	6,365	3,465	1,970	1,079	287	304	181	19
Black cherry	355,239	266,141	62,552	16,097	5,949	2,960	916	352	197	75	—	—	—
Black walnut	5,715	3,470	431	590	511	290	190	86	88	—	31	28	—
Sycamore	5,968	1,709	768	828	723	510	542	344	266	—	147	104	27
Black locust	8,103	5,372	877	954	410	349	58	—	29	54	—	—	—
Elm	266,271	190,473	44,510	15,634	7,253	3,577	2,352	1,020	688	297	223	223	21
Other Eastern hardwoods	2,079,982	1,589,827	332,857	98,461	34,960	13,474	5,530	2,721	911	585	232	424	—
<b>Total hardwoods</b>	<b>10,747,054</b>	<b>7,419,150</b>	<b>1,737,274</b>	<b>669,356</b>	<b>352,095</b>	<b>217,761</b>	<b>140,703</b>	<b>85,832</b>	<b>53,103</b>	<b>30,828</b>	<b>17,198</b>	<b>20,659</b>	<b>3,095</b>
<b>All species</b>	<b>15,781,482</b>	<b>9,415,070</b>	<b>2,981,367</b>	<b>1,552,610</b>	<b>801,643</b>	<b>429,344</b>	<b>257,530</b>	<b>150,380</b>	<b>88,720</b>	<b>48,287</b>	<b>25,258</b>	<b>27,730</b>	<b>3,543</b>

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

A dash (—) indicates no sample for the cell.

**Table 18—Number of growing-stock trees on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)												
	All classes	1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Thousand trees</i>													
<b>Softwood</b>													
Longleaf pine	86,739	28,730	19,091	8,468	6,605	7,691	6,572	4,899	2,794	1,210	324	355	—
Slash pine	1,059,802	280,585	299,131	244,454	129,457	56,428	26,356	12,517	6,354	2,909	957	654	—
Shortleaf pine	182,347	49,456	44,080	31,014	23,722	16,108	10,181	4,142	2,282	937	254	151	20
Loblolly pine	3,066,902	1,292,508	760,627	535,486	249,098	103,001	55,640	32,168	18,981	9,707	5,185	4,347	154
Pond pine	13,740	2,651	2,680	2,136	1,796	1,533	1,279	897	457	206	46	59	—
Virginia pine	147,281	62,945	30,691	18,171	14,048	10,464	6,211	3,248	1,037	409	27	30	—
Pitch pine	2,756	381	381	440	497	382	149	321	116	89	—	—	—
Table Mountain pine	832	—	381	—	116	111	56	168	—	—	—	—	—
Spruce pine	6,153	3,175	945	565	354	393	99	106	220	65	149	82	—
Sand pine	12,647	2,259	4,117	4,235	1,690	309	18	19	—	—	—	—	—
Eastern white pine	48,949	26,709	9,231	4,370	2,273	1,765	1,176	677	666	584	593	787	118
Eastern hemlock	10,061	5,004	2,710	1,172	503	323	230	56	63	—	—	—	—
Baldcypress	16,000	6,298	1,613	1,757	1,459	990	1,134	986	614	530	224	333	62
Pondcypress	185,095	88,974	40,029	20,026	13,497	9,543	6,521	3,790	1,548	698	254	196	19
Atlantic white-cedar	37	—	—	20	—	—	17	—	—	—	—	—	—
Redcedars	42,130	23,637	11,274	3,854	1,854	735	346	254	159	17	—	—	—
<b>Total softwoods</b>	<b>4,881,471</b>	<b>1,873,312</b>	<b>1,226,981</b>	<b>876,168</b>	<b>446,969</b>	<b>209,776</b>	<b>115,985</b>	<b>64,248</b>	<b>35,291</b>	<b>17,361</b>	<b>8,013</b>	<b>6,994</b>	<b>373</b>
<b>Hardwood</b>													
Select white oaks	208,743	84,479	40,779	24,049	18,142	12,684	10,018	7,240	4,882	2,943	1,690	1,716	121
Select red oaks	40,933	18,418	5,940	4,370	3,366	2,205	2,046	1,285	1,443	686	359	703	112
Other white oaks	195,702	73,073	41,842	25,998	17,801	13,029	9,083	5,740	3,408	2,557	1,251	1,589	331
Other red oaks	1,381,882	878,453	231,094	95,192	59,757	39,700	28,571	18,898	11,894	6,982	4,875	5,490	976
Hickory	285,780	161,275	51,468	27,423	16,676	12,185	7,655	3,922	2,482	1,538	516	584	56
Yellow birch	428	376	—	52	—	—	—	—	—	—	—	—	—
Hard maple	16,810	11,150	2,726	1,555	674	240	227	131	58	25	24	—	—
Soft maple	572,927	369,259	106,791	44,302	21,579	13,744	7,701	3,852	2,580	1,527	526	961	105
Beech	17,755	12,162	2,191	1,245	501	324	351	150	304	215	30	254	28
Sweetgum	1,417,793	936,267	252,589	100,151	52,845	33,820	19,175	11,446	5,513	3,016	1,337	1,541	93
Tupelo and blackgum	687,305	317,199	167,748	83,243	48,311	30,843	19,248	10,526	5,728	2,377	1,158	887	37
Ash	75,863	44,181	12,387	7,057	3,725	2,698	1,999	1,544	1,020	430	264	519	39
Cottonwood	290	—	—	81	57	26	—	47	20	—	—	59	—
Basswood	2,615	1,509	—	379	297	137	108	137	30	—	18	—	—
Yellow-poplar	349,051	202,004	50,887	29,186	17,779	12,855	11,105	8,120	6,618	4,517	2,825	2,920	235
Bay and magnolia	213,089	131,566	42,663	16,935	10,460	5,497	2,847	1,608	930	202	227	135	19
Black cherry	184,310	129,452	37,241	9,967	4,284	2,316	632	281	117	20	—	—	—
Black walnut	2,348	689	—	590	430	233	173	86	88	—	31	28	—
Sycamore	5,599	1,709	768	712	612	439	525	315	241	—	147	104	27
Black locust	5,876	3,610	877	659	296	320	58	—	29	27	—	—	—
Elm	141,142	82,380	31,964	13,590	6,109	3,087	1,954	1,000	471	203	183	180	21
Other Eastern hardwoods	109,912	74,533	15,609	8,070	5,072	2,852	1,756	916	464	273	129	238	—
<b>Total hardwoods</b>	<b>5,916,153</b>	<b>3,533,744</b>	<b>1,095,564</b>	<b>494,806</b>	<b>288,773</b>	<b>189,234</b>	<b>125,232</b>	<b>77,244</b>	<b>48,320</b>	<b>27,538</b>	<b>15,590</b>	<b>17,908</b>	<b>2,200</b>
<b>All species</b>	<b>10,797,624</b>	<b>5,407,056</b>	<b>2,322,545</b>	<b>1,370,974</b>	<b>735,742</b>	<b>399,010</b>	<b>241,217</b>	<b>141,492</b>	<b>83,611</b>	<b>44,899</b>	<b>23,603</b>	<b>24,902</b>	<b>2,573</b>

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

A dash (—) indicates no sample for the cell.

**Table 19—Volume of live trees on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)										
	All classes	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Million cubic feet</i>											
<b>Softwood</b>											
Longleaf pine	691.8	24.4	49.2	101.4	136.3	148.0	115.0	63.3	21.3	32.9	—
Slash pine	3,531.2	542.3	793.8	689.6	549.7	385.9	276.0	163.6	69.1	61.1	—
Shortleaf pine	1,016.3	87.3	166.0	214.8	216.4	133.2	101.3	56.5	20.2	15.9	4.8
Loblolly pine	8,027.5	1,094.0	1,359.2	1,178.6	1,114.8	995.3	829.6	565.8	389.0	471.4	29.9
Pond pine	121.3	6.4	11.5	18.3	24.9	24.7	16.6	10.8	3.4	4.7	—
Virginia pine	629.8	62.0	114.3	154.1	132.9	96.3	43.1	23.2	1.5	2.4	—
Pitch pine	35.6	1.1	3.5	5.3	3.9	9.9	5.5	3.9	—	2.6	—
Table Mountain pine	7.4	—	0.9	1.2	0.8	4.5	—	—	—	—	—
Spruce pine	50.6	2.0	2.6	4.8	2.3	3.3	11.0	3.7	11.6	9.3	—
Sand pine	27.9	13.4	10.3	3.4	0.4	0.3	—	—	—	—	—
Eastern white pine	305.2	12.5	14.1	19.9	20.4	18.8	27.0	31.7	41.2	90.6	29.0
Eastern hemlock	16.0	2.7	2.4	3.3	3.9	1.4	2.3	—	—	—	—
Baldcypress	196.0	5.8	10.3	12.0	21.5	26.5	23.2	26.1	13.9	30.3	26.3
Pondcypress	618.7	64.2	92.9	116.9	119.3	98.5	56.4	31.6	16.1	18.0	4.9
Atlantic white-cedar	0.3	0.1	—	—	0.2	—	—	—	—	—	—
Redcedars	42.5	9.2	10.1	7.2	4.5	5.9	3.9	1.7	—	—	—
Total softwoods	15,318.1	1,927.4	2,641.1	2,530.7	2,352.4	1,952.6	1,510.7	981.7	587.3	739.2	94.9
<b>Hardwood</b>											
Select white oaks	1,493.6	74.2	120.4	157.9	205.1	218.1	207.9	167.7	124.0	187.2	31.0
Select red oaks	392.8	15.3	24.6	29.3	42.7	39.3	60.7	39.7	26.4	82.7	32.1
Other white oaks	1,361.3	82.8	121.7	161.1	176.3	163.7	139.5	138.5	78.9	186.9	111.8
Other red oaks	4,224.2	292.6	399.6	475.4	545.8	524.9	467.7	377.0	330.8	579.3	231.1
Hickory	892.4	67.8	101.1	145.0	150.9	114.8	103.9	87.4	38.1	64.3	19.2
Yellow birch	0.2	0.2	—	—	—	—	—	—	—	—	—
Hard maple	26.9	5.5	4.3	2.7	5.4	4.4	2.0	1.3	1.4	—	—
Soft maple	1,189.4	175.8	168.8	185.5	169.8	131.1	111.0	87.8	38.4	100.4	20.8
Beech	82.9	4.4	2.8	4.4	9.0	5.0	10.9	11.8	2.2	28.1	4.4
Sweetgum	2,504.3	262.7	340.4	427.4	399.4	355.6	241.4	176.0	100.7	170.2	30.4
Tupelo and blackgum	2,170.1	260.6	330.0	375.6	379.7	305.7	217.4	123.9	78.7	87.9	10.7
Ash	341.2	25.4	30.5	40.0	45.9	50.7	45.8	24.7	19.8	49.3	9.1
Cottonwood	7.9	0.2	0.3	0.3	0.6	1.0	0.6	—	—	4.9	—
Basswood	15.7	1.7	2.9	1.9	2.1	4.3	1.4	—	1.3	—	—
Yellow-poplar	2,020.8	94.4	125.6	167.9	233.8	252.9	286.3	257.7	209.3	329.7	63.2
Bay and magnolia	386.0	58.8	75.8	68.5	57.9	46.1	34.8	10.9	15.7	14.7	2.9
Black cherry	135.0	40.9	32.6	29.4	14.5	8.8	6.4	2.5	—	—	—
Black walnut	22.4	1.6	3.1	3.1	3.4	2.5	3.4	—	2.4	2.9	—
Sycamore	71.3	3.2	4.8	6.3	10.5	8.6	9.3	—	8.5	14.8	5.3
Black locust	11.8	2.2	2.0	3.7	1.3	—	1.0	1.6	—	—	—
Elm	269.3	35.5	41.4	40.8	42.6	28.7	24.5	13.8	16.2	20.7	5.0
Other Eastern hardwoods	723.8	207.5	165.4	121.1	80.4	55.0	27.2	21.4	12.5	33.1	—
Total hardwoods	18,343.3	1,713.3	2,097.8	2,447.3	2,576.8	2,321.4	2,003.4	1,543.6	1,105.5	1,957.1	577.1
<b>All species</b>	<b>33,661.4</b>	<b>3,640.7</b>	<b>4,738.9</b>	<b>4,978.0</b>	<b>4,929.3</b>	<b>4,274.0</b>	<b>3,514.1</b>	<b>2,525.3</b>	<b>1,692.8</b>	<b>2,696.3</b>	<b>672.1</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 20—Volume of growing-stock trees on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)										
	All classes	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Million cubic feet</i>											
<b>Softwood</b>											
Longleaf pine	684.8	24.3	48.7	100.9	136.3	146.8	113.7	62.3	21.3	30.4	—
Slash pine	3,525.4	540.9	792.7	688.9	548.8	385.1	276.0	162.7	69.1	61.1	—
Shortleaf pine	1,012.4	86.6	165.3	213.9	214.8	133.2	101.3	56.5	20.2	15.9	4.8
Loblolly pine	7,984.4	1,086.3	1,352.1	1,169.4	1,107.0	992.3	823.7	564.7	387.5	471.4	29.9
Pond pine	119.0	6.1	11.4	18.1	24.4	23.4	16.6	10.8	3.4	4.7	—
Virginia pine	622.8	60.9	113.5	149.4	132.4	96.3	43.1	23.2	1.5	2.4	—
Pitch pine	30.8	1.1	3.5	5.1	3.1	9.9	4.3	3.9	—	—	—
Table Mountain pine	7.4	—	0.9	1.2	0.8	4.5	—	—	—	—	—
Spruce pine	49.0	2.0	2.6	4.8	2.3	3.3	9.3	3.7	11.6	9.3	—
Sand pine	27.2	12.8	10.2	3.4	0.4	0.3	—	—	—	—	—
Eastern white pine	304.8	12.2	14.0	19.9	20.4	18.8	27.0	31.7	41.2	90.6	29.0
Eastern hemlock	15.7	2.6	2.4	3.1	3.9	1.4	2.3	—	—	—	—
Baldcypress	191.3	5.6	10.1	11.8	21.3	26.5	22.8	26.1	13.9	29.7	23.3
Pondcypress	609.0	63.1	91.7	115.7	117.3	97.7	55.3	31.6	15.5	18.0	3.2
Atlantic white-cedar	0.3	0.1	—	—	0.2	—	—	—	—	—	—
Redcedars	39.5	8.7	9.2	6.8	4.5	5.9	3.9	0.6	—	—	—
<b>Total softwoods</b>	<b>15,223.8</b>	<b>1,913.4</b>	<b>2,628.4</b>	<b>2,512.4</b>	<b>2,338.1</b>	<b>1,945.5</b>	<b>1,499.3</b>	<b>977.7</b>	<b>585.3</b>	<b>733.5</b>	<b>90.3</b>
<b>Hardwood</b>											
Select white oaks	1,458.0	70.3	117.9	155.7	200.7	215.5	203.3	165.2	124.0	178.9	26.5
Select red oaks	384.0	14.4	24.1	28.2	42.0	39.3	59.7	38.6	25.0	80.4	32.1
Other white oaks	1,163.9	72.1	109.5	146.2	160.2	148.9	120.4	122.1	74.2	149.2	61.0
Other red oaks	3,965.6	264.5	376.7	453.3	521.6	504.2	443.1	354.3	309.7	537.0	201.3
Hickory	852.6	63.3	98.1	139.7	148.2	110.8	100.5	84.7	36.4	60.2	10.6
Yellow birch	0.2	0.2	—	—	—	—	—	—	—	—	—
Hard maple	21.1	3.8	3.5	2.3	3.9	3.4	2.0	1.3	1.0	—	—
Soft maple	937.3	129.9	131.2	150.7	135.6	97.9	92.8	70.0	30.9	81.6	16.8
Beech	75.5	3.8	2.6	3.2	6.7	4.2	10.9	10.7	2.2	26.8	4.4
Sweetgum	2,408.1	243.9	326.1	415.8	390.8	347.3	235.5	171.7	97.0	162.0	18.0
Tupelo and blackgum	1,932.3	222.8	295.6	345.0	342.9	275.2	199.4	112.0	67.2	67.3	5.0
Ash	313.3	19.8	26.1	35.4	41.8	48.0	42.3	23.4	18.3	49.2	9.1
Cottonwood	7.3	0.2	0.3	0.3	—	1.0	0.6	—	—	4.9	—
Basswood	14.4	1.4	2.2	1.7	2.1	4.3	1.4	—	1.3	—	—
Yellow-poplar	1,981.2	91.3	123.1	164.4	231.7	250.1	283.5	255.9	205.9	324.6	50.7
Bay and magnolia	330.0	48.2	64.7	61.2	49.5	39.0	31.5	8.9	12.8	11.2	2.9
Black cherry	98.0	26.8	24.5	24.4	10.5	7.3	4.0	0.6	—	—	—
Black walnut	20.9	1.6	2.6	2.4	3.1	2.5	3.4	—	2.4	2.9	—
Sycamore	68.2	2.8	4.1	5.5	10.2	8.4	8.5	—	8.5	14.8	5.3
Black locust	10.6	1.7	1.8	3.5	1.3	—	1.0	1.3	—	—	—
Elm	237.1	31.6	36.1	36.7	36.9	28.6	18.8	10.0	14.8	18.6	5.0
Other Eastern hardwoods	200.9	22.3	30.8	32.7	31.8	22.6	16.4	13.1	9.1	22.1	—
<b>Total hardwoods</b>	<b>16,480.2</b>	<b>1,336.8</b>	<b>1,801.5</b>	<b>2,208.1</b>	<b>2,371.3</b>	<b>2,158.5</b>	<b>1,879.1</b>	<b>1,443.8</b>	<b>1,040.8</b>	<b>1,791.7</b>	<b>448.6</b>
<b>All species</b>	<b>31,704.0</b>	<b>3,250.2</b>	<b>4,429.9</b>	<b>4,720.5</b>	<b>4,709.4</b>	<b>4,104.0</b>	<b>3,378.4</b>	<b>2,421.6</b>	<b>1,626.0</b>	<b>2,525.2</b>	<b>538.9</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 21—Volume in the saw-log portion of sawtimber trees on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)								
	All classes	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Million cubic feet</i>									
<b>Softwood</b>									
Longleaf pine	570.5	83.4	124.8	139.8	110.3	61.1	21.0	30.1	—
Slash pine	1,962.2	544.0	495.6	365.2	268.3	160.4	68.3	60.5	—
Shortleaf pine	688.8	172.5	194.8	126.7	98.6	55.7	20.0	15.7	4.7
Loblolly pine	5,075.2	901.4	996.2	941.4	800.4	555.8	383.6	466.7	29.6
Pond pine	94.2	14.7	22.3	22.3	16.2	10.6	3.4	4.7	—
Virginia pine	396.4	120.8	118.7	89.8	41.0	22.3	1.5	2.3	—
Pitch pine	24.0	4.1	2.8	9.2	4.1	3.7	—	—	—
Table Mountain pine	6.0	1.0	0.7	4.3	—	—	—	—	—
Spruce pine	42.5	3.9	2.1	3.1	9.1	3.6	11.5	9.2	—
Sand pine	3.3	2.6	0.4	0.3	—	—	—	—	—
Eastern white pine	263.6	15.7	18.2	17.5	25.5	30.4	39.8	88.2	28.4
Eastern hemlock	9.2	2.3	3.5	1.3	2.1	—	—	—	—
Baldcypress	160.0	8.4	18.0	23.8	21.1	24.5	13.2	28.4	22.7
Pondcypress	400.0	90.0	102.9	89.7	52.0	30.1	14.9	17.4	3.2
Atlantic white-cedar	0.2	—	0.2	—	—	—	—	—	—
Redcedars	19.4	5.5	4.0	5.6	3.7	0.6	—	—	—
<b>Total softwoods</b>	<b>9,715.7</b>	<b>1,970.4</b>	<b>2,105.2</b>	<b>1,839.9</b>	<b>1,452.3</b>	<b>958.9</b>	<b>577.1</b>	<b>723.2</b>	<b>88.6</b>
<b>Hardwood</b>									
Select white oaks	959.5	—	143.5	177.3	178.2	149.9	115.0	169.7	25.8
Select red oaks	272.1	—	30.0	31.4	50.5	33.7	22.1	74.1	30.4
Other white oaks	719.7	—	116.7	122.6	105.0	109.9	68.0	139.7	57.9
Other red oaks	2,478.6	—	376.5	414.7	386.9	319.6	284.6	504.1	192.3
Hickory	462.2	—	106.7	91.2	87.7	76.5	33.5	56.5	10.1
Hard maple	9.2	—	2.7	2.7	1.7	1.2	0.9	—	—
Soft maple	430.0	—	93.1	77.8	78.9	61.6	27.8	75.1	15.8
Beech	57.3	—	4.9	3.4	9.3	9.4	2.0	24.4	4.0
Sweetgum	1,196.7	—	274.7	287.2	209.6	158.8	91.8	156.9	17.8
Tupelo and blackgum	870.0	—	242.5	224.2	173.0	100.8	61.7	63.1	4.8
Ash	199.2	—	29.4	38.9	37.0	21.2	17.0	46.8	8.8
Cottonwood	6.1	—	—	0.8	0.5	—	—	4.7	—
Basswood	7.6	—	1.5	3.6	1.3	—	1.2	—	—
Yellow-poplar	1,415.8	—	161.1	205.8	251.8	236.4	195.1	315.4	50.2
Bay and magnolia	128.2	—	34.4	32.0	27.9	8.2	12.0	10.8	2.9
Black cherry	17.6	—	7.6	6.0	3.5	0.6	—	—	—
Black walnut	11.9	—	2.2	2.0	2.9	—	2.1	2.7	—
Sycamore	46.8	—	6.5	6.6	7.1	—	7.7	13.9	5.1
Black locust	2.9	—	0.9	—	0.8	1.2	—	—	—
Elm	108.6	—	25.9	23.0	16.0	8.7	13.3	16.9	4.7
Other Eastern hardwoods	94.6	—	22.1	18.2	13.7	11.6	8.4	20.6	—
<b>Total hardwoods</b>	<b>9,494.4</b>	<b>—</b>	<b>1,682.7</b>	<b>1,769.4</b>	<b>1,643.2</b>	<b>1,309.2</b>	<b>964.0</b>	<b>1,695.4</b>	<b>430.5</b>
<b>All species</b>	<b>19,210.1</b>	<b>1,970.4</b>	<b>3,787.9</b>	<b>3,609.3</b>	<b>3,095.6</b>	<b>2,268.1</b>	<b>1,541.1</b>	<b>2,418.6</b>	<b>519.2</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 22—Volume of sawtimber on timberland by species and diameter class, Georgia, 1997**

Species	Diameter class (inches at breast height)								
	All classes	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0 and larger
<i>Million board feet</i>									
<b>Softwood</b>									
Longleaf pine	3,228.8	410.1	657.4	788.2	656.0	379.3	135.3	202.4	—
Slash pine	10,526.8	2,537.0	2,536.6	2,022.6	1,581.8	993.9	442.7	412.2	—
Shortleaf pine	3,619.6	801.2	971.5	682.8	565.5	335.4	125.0	103.8	34.3
Loblolly pine	28,482.3	4,205.2	5,070.0	5,201.6	4,701.1	3,426.0	2,469.0	3,191.2	218.3
Pond pine	506.6	68.4	111.6	119.1	92.2	63.6	21.1	30.7	—
Virginia pine	1,926.4	545.8	564.6	453.1	217.7	123.5	8.4	13.3	—
Pitch pine	125.1	17.4	13.4	48.5	23.6	22.2	—	—	—
Table Mountain pine	30.9	4.3	3.6	22.9	—	—	—	—	—
Spruce pine	249.4	19.8	11.2	16.6	51.6	21.4	70.1	58.7	—
Sand pine	16.3	12.7	2.0	1.7	—	—	—	—	—
Eastern white pine	1,599.9	70.8	89.6	93.0	144.5	180.1	245.4	575.8	200.7
Eastern hemlock	45.1	10.3	16.6	6.5	11.7	—	—	—	—
Baldcypress	877.8	35.2	81.3	115.5	109.4	133.9	75.0	170.1	157.3
Pondcypress	1,901.7	367.8	458.7	433.8	268.4	163.5	84.7	104.7	20.3
Atlantic white-cedar	1.1	—	1.1	—	—	—	—	—	—
Redcedars	105.8	27.8	21.2	31.5	21.7	3.7	—	—	—
Total softwoods	53,243.6	9,133.9	10,610.3	10,037.3	8,445.0	5,846.6	3,676.7	4,862.9	630.9
<b>Hardwood</b>									
Select white oaks	4,993.4	—	685.3	860.6	899.6	786.6	623.9	973.5	163.8
Select red oaks	1,481.1	—	141.8	152.2	255.6	177.3	117.8	437.9	198.5
Other white oaks	3,728.2	—	549.8	589.2	523.8	568.7	361.3	786.8	348.6
Other red oaks	13,815.5	—	1,929.4	2,134.1	2,060.7	1,759.5	1,630.2	3,042.5	1,259.0
Hickory	2,410.8	—	509.4	450.0	452.7	413.4	187.2	334.6	63.5
Hard maple	45.8	—	13.5	13.2	8.5	5.9	4.7	—	—
Soft maple	2,193.8	—	445.5	374.4	393.5	318.2	148.9	419.1	94.2
Beech	264.0	—	24.5	15.8	42.4	42.7	9.0	111.2	18.5
Sweetgum	6,555.2	—	1,398.5	1,489.0	1,137.7	899.3	538.6	970.6	121.5
Tupelo and blackgum	4,319.5	—	1,106.6	1,066.8	870.9	535.3	340.6	368.9	30.3
Ash	1,029.5	—	137.3	185.1	183.9	109.7	91.3	267.1	55.1
Cottonwood	35.8	—	—	4.0	2.8	—	—	28.9	—
Basswood	37.0	—	7.0	17.2	6.4	—	6.5	—	—
Yellow-poplar	8,246.6	—	831.2	1,087.0	1,397.3	1,372.3	1,178.8	2,025.3	354.6
Bay and magnolia	625.0	—	164.8	149.4	133.4	41.2	61.3	57.6	17.3
Black cherry	87.5	—	35.7	30.2	18.5	3.1	—	—	—
Black walnut	55.0	—	10.4	9.2	13.0	—	9.8	12.6	—
Sycamore	256.6	—	31.8	32.5	36.0	—	42.1	82.5	31.6
Black locust	13.4	—	4.5	—	3.8	5.2	—	—	—
Elm	559.3	—	126.1	112.5	80.6	45.3	71.3	94.8	28.7
Other Eastern hardwoods	482.5	—	110.6	89.7	72.6	60.4	43.8	105.4	—
Total hardwoods	51,235.5	—	8,263.8	8,862.2	8,593.8	7,144.1	5,467.0	10,119.3	2,785.2
<b>All species</b>	104,479.1	9,133.9	18,874.1	18,899.6	17,038.8	12,990.6	9,143.8	14,982.2	3,416.1

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 23—Volume of sawtimber on timberland by species, size class, and tree grade, Georgia, 1997**

Species	All size classes					Trees $\geq 15.0$ inches d.b.h.				
	All grades	Tree grade				All grades	Tree grade			
		1	2	3	4		1	2	3	4
<i>Million board feet</i>										
<b>Softwood</b>										
Longleaf pine	3,228.8	817.9	844.7	1,566.1	—	1,373.1	420.4	320.0	632.7	—
Slash pine	10,526.8	3,983.7	2,888.4	3,654.7	—	3,430.7	1,895.7	905.6	629.4	—
Shortleaf pine	3,619.6	1,145.4	980.7	1,493.5	—	1,164.1	444.4	278.1	441.5	—
Loblolly pine	28,482.3	8,696.8	6,340.2	13,445.3	—	14,005.6	5,791.9	3,256.3	4,957.4	—
Pond pine	506.6	63.1	133.8	309.6	—	207.6	41.4	81.6	84.6	—
Virginia pine	1,926.4	40.2	172.4	1,713.8	—	362.9	21.6	67.6	273.8	—
Pitch pine	125.1	12.8	46.4	65.9	—	45.8	11.3	29.0	5.5	—
Table Mountain pine	30.9	—	4.2	26.7	—	—	—	—	—	—
Spruce pine	249.4	81.0	50.5	117.9	—	201.8	81.0	40.4	80.4	—
Sand pine	16.3	—	—	16.3	—	—	—	—	—	—
Eastern white pine	1,599.9	260.7	407.9	907.8	23.4	1,346.5	259.3	371.4	703.7	12.1
Eastern hemlock	45.1	—	—	42.5	2.6	11.7	—	—	11.7	—
Baldcypress	877.8	287.8	396.2	188.8	5.0	645.7	287.8	309.0	43.9	5.0
Pondcypress	1,901.7	263.8	571.2	1,061.5	5.3	641.4	263.8	302.5	75.2	—
Atlantic white-cedar	1.1	—	—	1.1	—	—	—	—	—	—
Redcedars	105.8	—	5.2	74.7	25.9	25.4	—	—	16.8	8.5
<b>Total softwoods</b>	<b>53,243.6</b>	<b>15,653.3</b>	<b>12,841.9</b>	<b>24,686.3</b>	<b>62.2</b>	<b>23,462.1</b>	<b>9,518.6</b>	<b>5,961.3</b>	<b>7,956.6</b>	<b>25.6</b>
<b>Hardwood</b>										
Select white oaks	4,993.4	868.9	1,518.0	2,169.0	437.5	3,447.5	868.9	1,225.7	1,081.5	271.4
Select red oaks	1,481.1	523.0	504.2	382.2	71.8	1,187.1	523.0	444.5	184.1	35.5
Other white oaks	3,728.2	523.6	1,057.7	1,788.2	358.7	2,589.1	523.6	939.0	962.5	164.1
Other red oaks	13,815.5	2,046.7	3,892.0	6,336.8	1,540.0	9,751.9	2,046.7	3,421.2	3,437.7	846.3
Hickory	2,410.8	422.7	669.9	1,137.2	181.0	1,451.4	422.7	511.8	445.5	71.4
Hard maple	45.8	—	—	35.7	10.1	19.2	—	—	13.4	5.8
Soft maple	2,193.8	181.9	443.7	1,212.0	356.3	1,373.9	181.9	366.4	621.0	204.6
Beech	264.0	8.4	40.9	177.9	36.8	223.7	8.4	40.9	144.9	29.5
Sweetgum	6,555.2	997.6	2,114.6	3,086.5	356.5	3,667.7	997.6	1,461.3	1,009.2	199.6
Tupelo and blackgum	4,319.5	435.1	1,380.8	2,366.1	137.4	2,146.1	435.1	914.4	717.8	78.6
Ash	1,029.5	256.3	368.4	380.1	24.8	707.1	256.3	292.0	146.8	12.1
Cottonwood	35.8	—	16.4	19.4	—	31.7	—	16.4	15.3	—
Basswood	37.0	6.5	7.8	16.4	6.4	12.9	6.5	—	—	6.4
Yellow-poplar	8,246.6	2,476.5	2,799.7	2,455.2	515.2	6,328.4	2,476.5	2,179.1	1,298.9	373.9
Bay and magnolia	625.0	73.6	170.4	366.9	14.2	310.8	73.6	123.1	105.9	8.2
Black cherry	87.5	5.2	15.1	59.5	7.7	21.6	5.2	4.3	9.2	3.0
Black walnut	55.0	12.6	18.3	22.8	1.3	35.4	12.6	14.5	8.3	—
Sycamore	256.6	78.4	89.8	81.0	7.3	192.2	78.4	81.1	30.5	2.2
Black locust	13.4	—	3.8	9.7	—	8.9	—	3.8	5.2	—
Elm	559.3	109.3	102.1	282.2	65.7	320.7	109.3	84.8	101.7	24.9
Other Eastern hardwoods	482.5	105.9	124.5	215.4	36.7	282.2	105.9	101.7	67.8	6.8
<b>Total hardwoods</b>	<b>51,235.5</b>	<b>9,132.1</b>	<b>15,338.0</b>	<b>22,600.0</b>	<b>4,165.4</b>	<b>34,109.4</b>	<b>9,132.1</b>	<b>12,226.0</b>	<b>10,407.1</b>	<b>2,344.2</b>
<b>All species</b>	<b>104,479.1</b>	<b>24,785.3</b>	<b>28,179.9</b>	<b>47,286.3</b>	<b>4,227.6</b>	<b>57,571.5</b>	<b>18,650.6</b>	<b>18,187.3</b>	<b>18,363.7</b>	<b>2,369.8</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of  $>0.0$  but  $<0.05$  for the cell.



**Table 24—Volume of growing stock on timberland by county and species group, Georgia, 1997**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	244.1	167.6	159.5	8.1	76.5	62.7	13.8
Atkinson	180.0	131.7	122.5	9.2	48.3	40.4	7.9
Bacon	93.6	55.1	44.6	10.4	38.5	19.9	18.6
Baker	134.0	58.2	45.2	13.0	75.8	14.0	61.8
Baldwin	147.1	65.0	65.0	—	82.1	50.9	31.1
Banks	149.1	35.9	35.9	—	113.2	42.7	70.5
Barrow	73.5	29.0	28.9	0.1	44.5	24.9	19.6
Bartow	201.9	119.2	119.2	—	82.7	16.0	66.7
Ben Hill	62.3	45.5	40.0	5.5	16.8	10.8	6.0
Berrien	225.5	145.7	113.6	32.1	79.8	62.1	17.7
Bibb	97.2	51.6	51.4	0.2	45.6	24.0	21.6
Bleckley	139.3	49.2	49.2	—	90.1	44.6	45.5
Brantley	226.4	142.9	124.3	18.6	83.5	63.9	19.6
Brooks	190.3	83.0	56.4	26.6	107.3	57.5	49.8
Bryan	355.2	212.8	207.8	5.0	142.4	83.3	59.1
Bulloch	328.7	153.9	149.9	4.0	174.8	133.0	41.8
Burke	336.2	116.7	110.7	6.0	219.5	145.3	74.2
Butts	110.8	65.1	63.9	1.2	45.8	20.4	25.4
Calhoun	120.7	55.4	27.8	27.6	65.3	34.4	31.0
Camden	388.5	219.0	189.2	29.7	169.5	109.0	60.5
Candler	85.9	34.8	29.8	5.0	51.2	38.1	13.1
Carroll	291.4	105.4	105.4	—	186.0	79.7	106.3
Catoosa	88.6	20.6	20.6	—	68.0	18.9	49.1
Charlton	237.3	186.5	170.3	16.2	50.8	38.4	12.4
Chatham	153.0	82.6	78.3	4.3	70.4	36.0	34.4
Chattahoochee	168.6	84.3	84.3	—	84.3	54.5	29.8
Chattooga	172.2	56.5	56.5	—	115.7	39.1	76.6
Cherokee	347.6	119.6	118.2	1.4	228.0	87.1	141.0
Clarke	76.5	31.2	30.8	0.3	45.3	25.3	20.0
Clay	105.2	41.0	41.0	0.1	64.1	33.8	30.3
Clayton	36.9	10.0	10.0	—	26.9	11.9	15.0
Clinch	496.5	383.6	328.6	55.0	112.9	99.7	13.2
Cobb	130.5	70.8	70.8	—	59.7	37.3	22.4
Coffee	200.5	135.0	116.5	18.5	65.5	47.5	18.0
Colquitt	187.8	112.5	112.2	0.4	75.3	43.0	32.3
Columbia	259.9	156.8	156.2	0.6	103.1	61.0	42.1
Cook	89.6	52.0	48.2	3.9	37.5	22.2	15.3
Coweta	330.3	150.4	150.4	—	179.9	105.1	74.8
Crawford	119.3	81.5	81.5	—	37.8	22.4	15.4
Crisp	72.1	24.8	22.8	1.9	47.3	29.1	18.2
Dade	159.4	27.0	21.8	5.1	132.5	27.6	104.9
Dawson	212.6	78.4	76.7	1.7	134.2	28.6	105.5
Decatur	281.7	160.6	152.5	8.1	121.2	62.1	59.1
DeKalb	117.8	61.3	61.3	0.0	56.5	16.7	39.8
Dodge	205.2	126.8	118.8	8.0	78.4	37.0	41.4
Dooly	151.8	96.3	64.8	31.5	55.5	29.7	25.7
Dougherty	190.6	71.3	50.0	21.3	119.4	47.0	72.4
Douglas	182.9	52.2	52.2	—	130.6	56.3	74.4
Early	156.8	66.0	54.4	11.6	90.8	38.8	52.0
Echols	260.5	173.4	131.6	41.8	87.1	72.7	14.4
Effingham	257.4	136.9	130.0	6.8	120.6	56.0	64.6
Elbert	234.9	88.0	85.5	2.5	146.9	48.2	98.7
Emanuel	355.4	209.9	208.2	1.7	145.5	115.4	30.1

continued

**Table 24—Volume of growing stock on timberland by county and species group, Georgia, 1997—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	109.2	49.6	45.2	4.4	59.6	48.4	11.2
Fannin	346.7	116.2	73.8	42.4	230.5	55.6	174.8
Fayette	99.3	45.4	45.4	—	53.9	34.5	19.4
Floyd	306.2	138.2	138.2	0.0	168.0	37.1	130.9
Forsyth	163.2	51.0	51.0	—	112.2	57.5	54.6
Franklin	145.7	48.1	46.4	1.8	97.6	23.7	73.9
Fulton	372.3	147.2	147.2	0.0	225.0	117.9	107.1
Gilmer	480.7	150.5	80.8	69.7	330.2	94.8	235.4
Glascocock	82.1	41.6	41.6	—	40.4	10.7	29.8
Glynn	223.7	156.8	144.6	12.2	67.0	32.1	34.9
Gordon	127.8	66.4	66.3	0.1	61.4	24.2	37.2
Grady	206.1	91.6	91.6	—	114.5	52.9	61.6
Greene	267.1	136.4	136.0	0.4	130.7	67.6	63.1
Gwinnett	227.6	84.4	84.4	—	143.2	101.5	41.7
Habersham	263.7	73.6	72.3	1.3	190.1	54.0	136.1
Hall	240.7	85.1	84.9	0.1	155.6	45.9	109.7
Hancock	340.6	216.9	216.6	0.3	123.7	64.7	59.1
Haralson	193.1	81.5	81.5	—	111.6	50.8	60.8
Harris	260.3	136.9	136.0	0.8	123.5	70.6	52.8
Hart	124.7	20.8	19.1	1.6	104.0	42.6	61.4
Heard	169.0	88.6	88.0	0.6	80.5	43.5	37.0
Henry	198.8	89.5	89.5	—	109.3	59.9	49.4
Houston	167.0	53.2	53.2	—	113.8	60.5	53.3
Irwin	162.4	119.2	108.3	10.9	43.2	29.3	13.9
Jackson	161.8	38.4	37.6	0.8	123.5	75.8	47.7
Jasper	304.3	149.8	148.0	1.8	154.6	55.9	98.7
Jeff Davis	106.2	76.4	75.1	1.3	29.8	16.2	13.6
Jefferson	335.5	114.2	99.4	14.8	221.3	129.0	92.3
Jenkins	176.8	83.4	75.3	8.2	93.3	47.0	46.4
Johnson	157.6	92.2	92.2	—	65.4	45.2	20.2
Jones	309.8	182.1	182.0	0.1	127.7	59.7	67.9
Lamar	81.2	30.8	30.5	0.3	50.4	18.4	32.0
Lanier	119.0	88.5	77.9	10.6	30.6	25.1	5.5
Laurens	332.0	134.0	119.5	14.4	198.0	96.2	101.8
Lee	114.5	22.8	22.8	—	91.7	36.0	55.7
Liberty	427.4	291.5	285.5	5.9	136.0	68.3	67.7
Lincoln	186.7	124.3	123.8	0.5	62.4	22.8	39.6
Long	363.0	176.9	139.1	37.9	186.1	117.9	68.1
Lowndes	278.1	154.5	135.3	19.2	123.6	57.7	65.9
Lumpkin	305.9	105.4	74.4	31.0	200.5	47.9	152.5
Macon	200.5	55.3	55.1	0.2	145.3	81.2	64.1
Madison	178.7	78.7	78.3	0.5	99.9	63.9	36.0
Marion	126.3	56.1	55.9	0.2	70.2	46.8	23.4
McDuffie	182.9	111.0	110.9	0.1	71.8	40.4	31.5
McIntosh	198.9	133.5	121.0	12.5	65.4	36.3	29.1
Meriwether	234.2	116.4	116.1	0.2	117.8	58.3	59.5
Miller	79.1	27.3	19.5	7.8	51.8	21.8	30.0
Mitchell	123.5	73.9	67.1	6.8	49.6	22.9	26.7
Monroe	261.8	124.5	123.6	0.9	137.2	66.1	71.1
Montgomery	93.4	45.5	45.2	0.3	47.9	22.1	25.7
Morgan	184.4	74.5	74.4	0.1	109.9	53.8	56.0
Murray	297.1	139.8	120.3	19.6	157.3	31.8	125.5
Muscogee	140.6	69.3	69.3	—	71.3	44.3	27.0

continued

**Table 24—Volume of growing stock on timberland by county and species group, Georgia, 1997—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	240.5	96.0	95.0	1.0	144.5	44.0	100.5
Oconee	103.0	25.9	25.3	0.6	77.2	30.4	46.7
Oglethorpe	309.9	88.4	87.9	0.5	221.5	126.6	95.0
Paulding	203.0	60.4	60.4	—	142.6	64.4	78.3
Peach	28.2	13.7	13.7	—	14.5	6.8	7.7
Pickens	208.0	65.7	65.6	0.2	142.2	66.4	75.9
Pierce	144.7	77.8	67.2	10.6	66.9	52.9	14.1
Pike	113.6	33.5	33.4	0.2	80.1	42.2	37.9
Polk	131.3	54.3	54.2	0.1	77.0	11.2	65.8
Pulaski	111.6	44.0	26.2	17.7	67.6	36.0	31.6
Putnam	240.3	167.5	166.8	0.8	72.8	33.3	39.5
Quitman	103.5	47.7	46.7	1.0	55.8	23.2	32.6
Rabun	470.8	186.8	74.1	112.7	284.0	96.2	187.8
Randolph	166.6	51.8	51.8	—	114.8	52.4	62.5
Richmond	154.4	63.7	58.8	4.9	90.6	66.3	24.4
Rockdale	69.3	32.6	32.5	0.1	36.7	20.8	15.9
Schley	80.5	38.1	37.9	0.2	42.4	28.2	14.2
Screven	399.7	174.9	151.7	23.2	224.8	150.6	74.2
Seminole	52.4	27.2	24.3	2.9	25.2	15.4	9.8
Spalding	95.9	35.7	35.6	0.0	60.3	35.5	24.8
Stephens	118.7	51.5	51.1	0.4	67.2	25.8	41.4
Stewart	203.1	111.2	111.2	0.0	91.9	40.5	51.3
Sumter	174.1	85.0	67.2	17.8	89.2	47.5	41.6
Talbot	195.0	103.5	101.5	2.0	91.6	43.6	47.9
Taliaferro	136.4	77.7	77.6	0.1	58.7	22.4	36.3
Tattnall	189.6	105.4	96.2	9.2	84.2	52.9	31.3
Taylor	121.6	51.8	51.5	0.2	69.8	32.3	37.6
Telfair	190.9	104.3	103.7	0.6	86.6	57.0	29.6
Terrell	98.7	38.4	28.6	9.8	60.3	39.8	20.5
Thomas	287.4	177.7	177.2	0.6	109.6	38.4	71.3
Tift	101.3	56.3	49.8	6.5	45.0	39.2	5.8
Toombs	108.0	52.5	50.3	2.2	55.6	37.9	17.6
Towns	131.8	27.9	27.8	0.1	103.9	41.3	62.6
Treutlen	108.3	68.5	67.6	0.9	39.8	22.8	17.1
Troup	334.1	136.3	136.3	—	197.7	107.2	90.6
Turner	87.3	62.1	46.3	15.8	25.2	18.5	6.8
Twiggs	214.8	60.9	60.9	—	153.9	94.8	59.0
Union	250.5	59.1	40.8	18.3	191.4	61.4	130.0
Upson	227.3	71.3	71.1	0.2	156.0	71.2	84.8
Walker	293.4	74.2	69.0	5.2	219.2	31.3	187.8
Walton	250.4	85.6	85.5	0.1	164.7	93.6	71.1
Ware	337.2	290.6	271.8	18.8	46.6	41.0	5.6
Warren	192.8	108.3	107.9	0.4	84.5	34.8	49.7
Washington	415.8	175.3	174.6	0.7	240.5	124.4	116.1
Wayne	254.6	192.2	168.7	23.5	62.4	42.1	20.2
Webster	67.5	48.7	48.7	—	18.8	8.0	10.8
Wheeler	159.2	75.9	74.3	1.6	83.2	44.5	38.8
White	200.6	77.5	56.7	20.8	123.1	31.7	91.4
Whitfield	173.4	58.3	58.3	—	115.2	38.4	76.8
Wilcox	167.7	105.1	89.0	16.1	62.6	44.5	18.1
Wilkes	320.0	189.5	189.0	0.5	130.4	71.6	58.8
Wilkinson	328.6	136.1	122.1	14.0	192.5	99.1	93.4
Worth	276.6	169.4	159.2	10.3	107.2	59.5	47.7
<b>Total</b>	<b>31,704.0</b>	<b>15,223.8</b>	<b>14,063.2</b>	<b>1,160.7</b>	<b>16,480.2</b>	<b>8,076.8</b>	<b>8,403.5</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 25—Volume of live trees on timberland by county and species group, Georgia, 1997**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	261.4	167.8	159.5	8.3	93.6	71.8	21.8
Atkinson	185.9	132.0	122.6	9.4	53.9	44.1	9.8
Bacon	102.6	55.1	44.6	10.4	47.5	25.0	22.5
Baker	162.7	58.3	45.2	13.1	104.3	16.5	87.9
Baldwin	152.3	65.7	65.7	—	86.7	52.3	34.3
Banks	157.7	35.9	35.9	—	121.8	45.2	76.6
Barrow	82.0	29.7	29.6	0.1	52.3	30.5	21.9
Bartow	209.8	120.4	120.4	0.0	89.3	16.6	72.7
Ben Hill	67.2	45.6	40.1	5.5	21.6	13.8	7.8
Berrien	236.2	145.9	113.7	32.2	90.3	70.3	20.0
Bibb	107.4	52.2	52.0	0.2	55.3	31.4	23.9
Bleckley	146.9	49.2	49.2	—	97.7	45.5	52.2
Brantley	244.3	143.5	124.3	19.3	100.8	74.6	26.2
Brooks	208.7	83.6	56.4	27.2	125.0	62.9	62.1
Bryan	378.0	214.5	209.4	5.1	163.5	95.1	68.4
Bulloch	361.0	156.5	152.0	4.5	204.5	156.3	48.1
Burke	359.1	120.6	114.4	6.3	238.4	150.8	87.6
Butts	116.4	65.4	64.2	1.2	51.0	21.7	29.2
Calhoun	125.4	56.0	27.9	28.1	69.4	34.7	34.7
Camden	424.4	220.3	189.5	30.7	204.1	122.0	82.1
Candler	106.2	36.8	31.2	5.6	69.4	51.1	18.3
Carroll	308.9	106.5	106.5	—	202.4	84.3	118.1
Catoosa	92.7	20.6	20.6	—	72.1	21.4	50.7
Charlton	251.4	189.8	170.6	19.3	61.5	42.3	19.3
Chatham	181.8	82.8	78.4	4.4	99.0	40.5	58.5
Chattahoochee	176.8	84.3	84.3	—	92.5	56.3	36.2
Chattooga	179.4	56.9	56.9	—	122.5	41.4	81.1
Cherokee	357.8	120.9	119.5	1.4	236.9	88.1	148.8
Clarke	79.7	31.2	30.8	0.3	48.5	27.0	21.5
Clay	118.6	41.3	41.2	0.1	77.3	35.8	41.5
Clayton	37.4	10.0	10.0	—	27.4	12.1	15.3
Clinch	522.3	384.4	328.6	55.8	137.9	114.6	23.3
Cobb	134.9	70.9	70.9	—	64.0	40.3	23.7
Coffee	212.2	135.7	116.9	18.8	76.5	55.5	21.0
Colquitt	201.2	112.6	112.2	0.4	88.6	52.9	35.7
Columbia	271.2	156.8	156.2	0.6	114.3	63.7	50.6
Cook	101.0	54.2	50.1	4.1	46.8	28.3	18.5
Coweta	341.3	151.2	151.2	—	190.2	107.1	83.0
Crawford	127.6	81.8	81.8	—	45.7	25.5	20.2
Crisp	82.9	24.8	22.8	1.9	58.2	34.9	23.3
Dade	166.1	27.6	21.8	5.8	138.5	30.3	108.2
Dawson	223.5	78.7	77.0	1.7	144.8	29.4	115.4
Decatur	295.3	160.6	152.6	8.1	134.7	66.4	68.3
DeKalb	122.1	61.9	61.8	0.0	60.2	18.5	41.7
Dodge	223.6	127.8	119.7	8.1	95.8	49.6	46.2
Dooly	156.8	97.3	65.8	31.5	59.5	30.8	28.7
Dougherty	207.1	71.3	50.0	21.3	135.8	53.4	82.4
Douglas	195.7	52.2	52.2	—	143.4	59.2	84.2
Early	171.3	66.1	54.5	11.6	105.2	44.0	61.2
Echols	272.3	173.6	131.7	42.0	98.6	81.3	17.3
Effingham	275.3	137.0	130.1	6.9	138.2	64.2	74.0
Elbert	245.1	89.6	87.1	2.6	155.4	50.7	104.8
Emanuel	382.9	210.6	208.8	1.7	172.3	133.2	39.1

continued

**Table 25—Volume of live trees on timberland by county and species group, Georgia, 1997—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	132.3	49.9	45.4	4.5	82.4	61.8	20.6
Fannin	371.9	116.9	74.5	42.4	254.9	63.6	191.3
Fayette	102.4	47.3	47.3	—	55.1	35.1	20.1
Floyd	323.6	140.3	140.3	0.0	183.2	42.5	140.8
Forsyth	173.7	51.0	51.0	—	122.7	61.3	61.4
Franklin	156.6	48.1	46.4	1.8	108.5	26.1	82.4
Fulton	380.8	148.7	148.7	0.0	232.1	119.3	112.8
Gilmer	519.2	151.6	81.7	69.9	367.6	103.9	263.6
Glascocock	88.2	41.9	41.9	—	46.3	14.6	31.7
Glynn	240.4	159.0	146.3	12.7	81.4	34.3	47.1
Gordon	134.7	66.9	66.8	0.1	67.8	25.2	42.6
Grady	224.2	91.6	91.6	—	132.6	55.0	77.6
Greene	276.0	136.9	136.5	0.4	139.1	69.4	69.7
Gwinnett	235.4	84.5	84.5	—	150.9	104.5	46.4
Habersham	279.1	73.8	72.5	1.3	205.3	54.9	150.4
Hall	250.9	85.1	84.9	0.1	165.8	48.6	117.2
Hancock	353.2	217.1	216.8	0.3	136.1	69.2	66.9
Haralson	200.2	81.6	81.6	—	118.6	52.3	66.3
Harris	270.3	137.3	136.4	0.8	133.1	74.7	58.3
Hart	133.2	20.8	19.1	1.6	112.4	46.3	66.1
Heard	173.2	89.3	88.8	0.6	83.9	43.6	40.3
Henry	202.0	89.5	89.5	—	112.5	60.3	52.2
Houston	177.2	53.2	53.2	—	124.1	67.3	56.8
Irwin	172.5	120.2	108.6	11.6	52.3	35.9	16.5
Jackson	182.3	39.6	37.8	1.8	142.6	88.6	54.0
Jasper	311.1	151.4	149.6	1.8	159.7	57.4	102.4
Jeff Davis	116.4	76.8	75.4	1.4	39.6	19.9	19.7
Jefferson	347.8	114.4	99.6	14.8	233.4	136.8	96.6
Jenkins	188.1	83.7	75.5	8.2	104.5	53.4	51.1
Johnson	168.0	92.4	92.4	—	75.6	52.9	22.7
Jones	314.6	182.8	182.7	0.1	131.8	61.7	70.1
Lamar	84.7	30.8	30.5	0.3	54.0	21.0	33.0
Lanier	123.1	88.6	77.9	10.7	34.5	26.5	8.0
Laurens	351.4	135.3	120.5	14.8	216.1	108.1	108.0
Lee	129.1	22.8	22.8	—	106.2	38.2	68.0
Liberty	449.4	292.0	286.0	5.9	157.5	72.4	85.0
Lincoln	192.5	124.6	124.1	0.5	68.0	24.7	43.3
Long	388.5	177.4	139.3	38.1	211.1	131.9	79.2
Lowndes	298.6	155.1	135.9	19.2	143.5	65.0	78.4
Lumpkin	326.1	106.3	75.2	31.1	219.8	50.1	169.7
Macon	216.0	56.3	56.1	0.2	159.7	84.8	74.8
Madison	183.2	78.7	78.3	0.5	104.4	66.0	38.5
Marion	141.8	56.8	56.5	0.2	85.0	50.7	34.3
McDuffie	186.9	111.6	111.6	0.1	75.3	42.4	32.9
McIntosh	212.5	135.5	122.8	12.7	77.1	41.7	35.4
Meriwether	252.4	117.1	116.9	0.2	135.3	64.9	70.4
Miller	87.5	27.3	19.5	7.8	60.2	23.8	36.4
Mitchell	127.7	74.0	67.2	6.8	53.7	24.4	29.3
Monroe	271.9	124.9	124.0	1.0	147.0	72.8	74.2
Montgomery	100.2	46.3	46.0	0.3	53.9	24.5	29.4
Morgan	195.0	75.3	75.3	0.1	119.6	60.6	59.0
Murray	306.8	139.9	120.3	19.6	166.9	32.8	134.0
Muscogee	145.2	69.3	69.3	—	75.9	46.2	29.8

continued

**Table 25—Volume of live trees on timberland by county and species group, Georgia, 1997—Continued**

County	Softwoods			Hardwoods			
	All species	All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	250.5	96.2	95.1	1.0	154.3	50.5	103.7
Oconee	108.7	25.9	25.3	0.6	82.8	32.8	49.9
Oglethorpe	320.4	88.4	87.9	0.5	232.0	131.0	101.1
Paulding	217.7	61.6	61.6	—	156.1	68.0	88.1
Peach	32.4	13.8	13.8	—	18.6	9.7	8.9
Pickens	221.9	67.3	67.1	0.2	154.6	68.4	86.3
Pierce	158.7	77.8	67.2	10.6	80.9	60.8	20.2
Pike	120.4	33.7	33.5	0.3	86.6	46.7	40.0
Polk	140.4	54.6	54.5	0.1	85.7	11.4	74.3
Pulaski	116.0	44.0	26.2	17.7	72.0	39.1	32.9
Putnam	245.4	167.6	166.9	0.8	77.8	35.6	42.2
Quitman	107.9	47.7	46.7	1.0	60.2	25.9	34.3
Rabun	513.8	189.3	76.3	112.9	324.5	102.2	222.3
Randolph	195.1	51.9	51.9	—	143.2	66.4	76.8
Richmond	166.7	63.7	58.8	4.9	103.0	69.9	33.1
Rockdale	76.1	33.0	32.9	0.1	43.1	26.5	16.6
Schley	84.9	38.4	38.2	0.2	46.5	29.8	16.6
Screven	419.5	175.6	152.3	23.3	243.9	164.9	79.0
Seminole	58.2	27.9	25.1	2.9	30.2	15.9	14.4
Spalding	103.0	36.5	36.4	0.0	66.5	37.3	29.2
Stephens	125.7	51.5	51.1	0.4	74.2	26.9	47.3
Stewart	208.4	111.2	111.2	0.0	97.2	42.9	54.3
Sumter	192.2	85.0	67.2	17.8	107.2	57.7	49.5
Talbot	205.3	104.2	102.0	2.2	101.1	48.6	52.5
Taliaferro	139.2	78.1	77.9	0.2	61.1	23.5	37.6
Tattnall	204.3	105.4	96.3	9.2	98.9	60.6	38.4
Taylor	133.1	52.0	51.8	0.2	81.2	38.4	42.8
Telfair	202.5	104.5	103.9	0.6	98.0	63.3	34.7
Terrell	106.6	38.4	28.6	9.8	68.2	44.2	24.0
Thomas	302.8	177.8	177.2	0.6	125.0	44.9	80.2
Tift	111.4	58.1	49.9	8.2	53.3	45.1	8.2
Toombs	123.8	52.6	50.5	2.2	71.2	42.2	29.0
Towns	158.5	32.1	31.9	0.1	126.4	47.1	79.3
Treutlen	114.9	68.8	67.9	0.9	46.2	27.0	19.1
Troup	341.8	136.5	136.5	—	205.3	108.9	96.4
Turner	91.5	62.2	46.4	15.8	29.3	22.1	7.2
Twiggs	225.0	61.1	61.1	—	163.9	100.9	63.0
Union	269.8	59.3	40.9	18.5	210.5	64.1	146.4
Upson	241.5	73.0	72.8	0.2	168.4	73.0	95.4
Walker	311.3	74.6	69.3	5.3	236.7	36.0	200.8
Walton	257.4	85.7	85.6	0.1	171.7	97.5	74.2
Ware	352.5	291.4	272.1	19.2	61.1	54.9	6.2
Warren	198.2	108.3	107.9	0.4	90.0	37.0	53.0
Washington	431.5	175.6	175.0	0.7	255.9	130.6	125.3
Wayne	268.1	192.6	168.8	23.8	75.5	46.9	28.5
Webster	70.2	48.7	48.7	—	21.5	9.7	11.8
Wheeler	173.1	76.0	74.4	1.6	97.1	54.6	42.5
White	228.1	78.4	57.5	20.8	149.7	36.4	113.3
Whitfield	179.1	58.6	58.6	—	120.5	40.4	80.1
Wilcox	179.0	105.8	89.6	16.2	73.2	52.3	20.8
Wilkes	330.9	194.0	193.5	0.5	136.9	75.8	61.1
Wilkinson	354.9	136.3	122.3	14.0	218.6	111.3	107.3
Worth	289.7	169.6	159.4	10.3	120.1	65.1	55.0
<b>Total</b>	<b>33,661.4</b>	<b>15,318.1</b>	<b>14,139.4</b>	<b>1,178.7</b>	<b>18,343.3</b>	<b>8,852.0</b>	<b>9,491.3</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of &gt;0.0 but &lt;0.05 for the cell.

**Table 26—Volume of sawtimber on timberland by county and species group, Georgia, 1997**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Appling	705.7	520.1	492.2	28.0	185.6	150.0	35.6
Atkinson	465.0	386.8	355.2	31.6	78.2	63.7	14.5
Bacon	269.5	162.6	123.4	39.1	106.9	29.8	77.1
Baker	527.2	253.6	220.4	33.2	273.6	36.8	236.8
Baldwin	470.8	176.6	176.6	—	294.2	181.5	112.7
Banks	511.5	119.8	119.8	—	391.8	154.3	237.4
Barrow	284.5	125.5	125.5	—	159.0	90.8	68.2
Bartow	604.3	389.4	389.4	—	214.9	32.2	182.7
Ben Hill	172.8	143.3	129.1	14.2	29.5	14.2	15.2
Berrien	675.5	498.4	414.5	83.9	177.1	125.9	51.2
Bibb	330.4	232.7	232.7	—	97.7	44.4	53.3
Bleckley	465.1	153.5	153.5	—	311.6	144.3	167.4
Brantley	527.3	290.4	248.6	41.8	237.0	163.1	73.8
Brooks	644.2	330.7	247.7	83.0	313.6	143.8	169.8
Bryan	1,315.4	922.7	906.1	16.6	392.6	189.5	203.1
Bulloch	1,135.9	642.7	631.1	11.6	493.2	368.6	124.6
Burke	1,074.3	277.9	245.8	32.1	796.3	582.1	214.2
Butts	343.7	241.6	238.2	3.4	102.1	29.9	72.2
Calhoun	400.7	211.9	108.4	103.4	188.8	78.1	110.7
Camden	1,135.9	737.8	625.1	112.6	398.2	204.9	193.3
Candler	237.4	105.6	82.8	22.7	131.8	93.5	38.3
Carroll	999.7	401.9	401.9	—	597.8	238.4	359.4
Catoosa	326.2	112.8	112.8	—	213.4	50.4	163.0
Charlton	559.5	438.6	377.4	61.1	120.9	76.4	44.4
Chatham	585.6	346.5	338.7	7.7	239.1	100.9	138.2
Chattahoochee	632.1	406.8	406.8	—	225.2	131.0	94.2
Chattooga	467.5	128.7	128.7	—	338.8	148.1	190.7
Cherokee	1,223.0	486.7	479.5	7.3	736.3	273.9	462.4
Clarke	294.2	126.7	125.1	1.6	167.5	89.6	77.8
Clay	342.0	133.2	133.2	—	208.8	108.7	100.1
Clayton	117.8	49.5	49.5	—	68.2	26.5	41.7
Clinch	1,018.8	776.6	632.9	143.8	242.2	192.6	49.6
Cobb	519.3	307.5	307.5	—	211.8	130.6	81.2
Coffee	527.7	379.9	318.5	61.4	147.7	106.7	41.0
Colquitt	708.0	475.9	474.4	1.5	232.1	103.3	128.8
Columbia	1,059.6	778.0	776.9	1.1	281.7	159.5	122.2
Cook	323.7	226.4	215.2	11.2	97.3	44.6	52.7
Coweta	1,051.8	499.0	499.0	—	552.8	331.2	221.6
Crawford	240.3	178.7	178.7	—	61.6	33.2	28.4
Crisp	236.7	88.0	82.2	5.8	148.7	82.5	66.2
Dade	490.8	94.6	79.1	15.5	396.2	69.6	326.6
Dawson	735.5	280.3	270.9	9.4	455.2	92.9	362.3
Decatur	991.0	603.9	562.0	41.8	387.1	180.7	206.4
DeKalb	539.9	297.9	297.9	—	242.0	58.5	183.6
Dodge	687.9	466.7	426.8	39.8	221.3	79.7	141.5
Dooly	595.2	442.8	296.1	146.7	152.4	72.6	79.8
Dougherty	760.5	305.4	230.5	74.9	455.1	152.5	302.6
Douglas	698.8	242.5	242.5	—	456.3	186.5	269.8
Early	461.1	190.1	156.8	33.4	271.0	118.3	152.7
Echols	501.6	331.0	224.9	106.1	170.6	124.7	45.9
Effingham	790.6	430.1	409.4	20.7	360.4	138.0	222.5
Elbert	757.8	270.7	267.7	3.0	487.1	120.4	366.7
Emanuel	1,108.9	665.8	659.8	6.0	443.1	339.1	104.0

continued

**Table 26—Volume of sawtimber on timberland by county and species group, Georgia, 1997—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Evans	378.4	194.3	178.8	15.6	184.1	149.1	35.0
Fannin	1,195.6	423.5	233.0	190.5	772.0	167.9	604.1
Fayette	347.2	192.9	192.9	—	154.4	106.5	47.9
Floyd	1,036.8	609.6	609.6	—	427.2	93.9	333.2
Forsyth	654.7	230.2	230.2	—	424.5	242.2	182.3
Franklin	532.5	202.7	195.1	7.7	329.8	49.1	280.6
Fulton	1,613.2	682.5	682.5	—	930.7	472.7	458.0
Gilmer	1,796.7	667.5	302.0	365.6	1,129.1	296.1	833.1
Glascocok	250.7	133.9	133.9	—	116.8	28.7	88.1
Glynn	662.0	481.2	440.5	40.7	180.8	60.0	120.8
Gordon	274.5	134.6	134.6	—	139.9	54.8	85.1
Grady	757.0	415.4	415.4	—	341.5	141.1	200.4
Greene	876.9	514.4	514.4	—	362.5	182.5	180.0
Gwinnett	901.9	376.8	376.8	—	525.1	416.9	108.3
Habersham	976.5	265.7	261.5	4.2	710.8	201.7	509.1
Hall	876.1	303.0	303.0	—	573.1	156.4	416.6
Hancock	948.0	678.8	677.8	1.0	269.1	136.5	132.7
Haralson	668.4	303.0	303.0	—	365.4	202.1	163.3
Harris	689.2	439.3	436.3	3.0	249.9	142.6	107.3
Hart	391.9	62.3	56.0	6.4	329.6	138.8	190.8
Heard	440.5	229.0	227.9	1.1	211.4	121.1	90.3
Henry	714.5	366.5	366.5	—	348.0	200.7	147.2
Houston	594.2	193.1	193.1	—	401.2	209.8	191.4
Irwin	551.6	479.7	446.0	33.8	71.8	35.4	36.4
Jackson	601.5	133.3	131.0	2.2	468.3	290.4	177.9
Jasper	1,045.7	592.3	586.3	5.9	453.4	138.8	314.5
Jeff Davis	283.4	218.3	216.2	2.2	65.0	25.5	39.5
Jefferson	1,163.1	383.4	321.4	62.0	779.7	425.2	354.5
Jenkins	567.4	252.7	221.2	31.5	314.7	135.5	179.2
Johnson	446.4	286.9	286.9	—	159.6	89.5	70.0
Jones	1,169.9	771.4	771.4	—	398.5	156.7	241.9
Lamar	229.6	79.0	78.1	0.9	150.6	46.6	104.0
Lanier	353.7	295.2	272.2	22.9	58.5	44.6	13.9
Laurens	1,084.8	380.5	321.4	59.1	704.2	265.3	438.9
Lee	396.0	61.0	61.0	—	335.0	118.2	216.8
Liberty	1,627.0	1,216.9	1,194.8	22.1	410.1	155.9	254.2
Lincoln	718.4	564.5	564.5	—	154.0	50.7	103.2
Long	1,241.8	590.6	447.7	142.8	651.2	339.1	312.1
Lowndes	904.2	535.6	496.7	38.9	368.6	118.4	250.1
Lumpkin	1,075.6	393.4	224.4	168.9	682.2	131.9	550.3
Macon	756.9	245.5	245.5	—	511.3	292.6	218.7
Madison	541.7	258.8	257.6	1.2	282.9	205.5	77.4
Marion	349.6	119.6	118.8	0.8	230.1	155.1	75.0
McDuffie	679.8	468.0	468.0	—	211.7	127.2	84.6
McIntosh	576.4	414.8	383.9	30.9	161.6	62.2	99.3
Meriwether	608.5	274.5	274.5	—	334.0	154.6	179.4
Miller	293.0	105.6	82.2	23.4	187.3	47.4	139.9
Mitchell	361.4	221.7	195.1	26.7	139.7	53.1	86.6
Monroe	716.4	311.0	307.2	3.8	405.4	174.1	231.3
Montgomery	308.6	155.5	155.0	0.5	153.1	62.5	90.6
Morgan	707.3	310.2	310.2	—	397.1	163.0	234.1
Murray	886.1	430.4	329.8	100.6	455.7	45.9	409.9
Muscogee	547.6	318.8	318.8	—	228.8	134.1	94.7

continued



**Table 26—Volume of sawtimber on timberland by county and species group, Georgia, 1997—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Newton	1,005.3	411.1	407.6	3.5	594.3	145.0	449.2
Oconee	353.0	106.4	103.6	2.8	246.6	92.7	153.9
Oglethorpe	1,077.9	215.5	215.5	—	862.4	481.6	380.8
Paulding	673.9	210.5	210.5	—	463.3	202.0	261.3
Peach	79.9	50.4	50.4	—	29.4	18.1	11.3
Pickens	719.0	237.1	237.1	—	481.8	231.2	250.6
Pierce	386.0	228.3	195.8	32.5	157.7	117.9	39.8
Pike	361.9	126.4	126.4	—	235.5	125.0	110.4
Polk	379.5	191.1	191.1	—	188.4	19.4	169.0
Pulaski	393.6	186.6	98.2	88.4	206.9	94.7	112.3
Putnam	733.8	575.4	573.1	2.2	158.4	58.2	100.2
Quitman	290.0	150.6	146.4	4.2	139.4	38.4	101.0
Rabun	1,801.8	936.0	314.8	621.2	865.7	283.8	582.0
Randolph	437.8	109.6	109.6	—	328.2	146.3	181.9
Richmond	508.1	228.4	202.7	25.8	279.7	197.7	81.9
Rockdale	248.7	152.3	152.3	—	96.4	48.6	47.8
Schley	210.5	113.5	113.5	—	96.9	64.8	32.2
Screven	1,535.1	709.8	620.8	89.0	825.3	538.8	286.6
Seminole	192.5	130.2	115.9	14.3	62.4	29.3	33.0
Spalding	343.6	172.1	172.1	—	171.6	95.1	76.4
Stephens	418.0	163.1	162.1	1.0	254.9	104.4	150.5
Stewart	462.3	246.1	246.1	—	216.3	75.7	140.5
Sumter	623.1	327.0	208.9	118.1	296.0	130.2	165.9
Talbot	424.4	214.2	212.3	1.9	210.2	86.4	123.8
Taliaferro	407.7	274.0	274.0	—	133.7	35.5	98.2
Tattnall	614.3	336.6	301.5	35.1	277.6	144.9	132.7
Taylor	299.1	88.1	88.1	—	210.9	96.8	114.1
Telfair	584.3	359.1	356.5	2.6	225.2	143.7	81.5
Terrell	309.2	163.1	122.6	40.5	146.1	116.3	29.8
Thomas	1,379.1	970.7	970.2	0.6	408.4	111.6	296.7
Tift	374.5	265.3	243.2	22.1	109.1	102.2	7.0
Toombs	259.0	120.3	111.6	8.7	138.7	86.6	52.1
Towns	430.9	87.2	87.2	—	343.7	136.1	207.5
Treutlen	375.2	264.3	260.5	3.8	110.9	47.9	63.0
Troup	1,106.4	492.0	492.0	—	614.4	341.5	272.9
Turner	368.9	288.9	224.4	64.5	80.0	55.6	24.4
Twiggs	702.5	202.7	202.7	—	499.8	315.0	184.7
Union	854.1	192.0	127.4	64.7	662.0	210.7	451.4
Upson	752.7	221.9	221.9	—	530.8	229.1	301.7
Walker	871.6	230.2	214.9	15.3	641.3	74.0	567.3
Walton	1,019.9	416.2	416.2	—	603.7	336.5	267.2
Ware	740.4	664.1	617.6	46.5	76.3	62.4	13.9
Warren	668.2	426.1	426.1	—	242.2	88.7	153.5
Washington	1,347.1	557.6	555.4	2.2	789.5	361.7	427.7
Wayne	623.4	479.2	408.6	70.6	144.2	74.0	70.3
Webster	91.6	55.2	55.2	—	36.4	15.4	20.9
Wheeler	469.8	205.0	199.3	5.7	264.8	118.6	146.2
White	697.0	318.7	212.7	105.9	378.3	97.8	280.5
Whitfield	585.4	192.2	192.2	—	393.2	139.8	253.4
Wilcox	576.9	414.2	347.0	67.2	162.6	112.6	50.0
Wilkes	1,220.4	830.2	830.2	—	390.3	191.9	198.4
Wilkinson	1,015.9	435.9	369.5	66.5	580.0	272.2	307.7
Worth	1,053.2	643.8	614.1	29.7	409.4	226.5	183.0
<b>Total</b>	<b>104,479.1</b>	<b>53,243.6</b>	<b>48,712.1</b>	<b>4,531.5</b>	<b>51,235.5</b>	<b>23,070.8</b>	<b>28,164.7</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of &gt;0.0 but &lt;0.05 for the cell.

**Table 27—Volume of timber on timberland by class of timber and species group, Georgia, 1997**

Class of timber	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
<b>Sawtimber trees</b>							
Saw-log portion	19,210.1	9,715.7	8,863.1	852.6	9,494.4	4,254.6	5,239.9
Upper-stem portion <sup>a</sup>	2,605.7	966.3	877.8	88.5	1,639.4	782.3	857.1
Total	21,815.8	10,682.0	9,741.0	941.0	11,133.9	5,036.9	6,097.0
<b>Poletimber trees</b>							
	9,888.2	4,541.9	4,322.2	219.6	5,346.4	3,039.9	2,306.5
All growing-stock trees	31,704.0	15,223.8	14,063.2	1,160.7	16,480.2	8,076.8	8,403.5
<b>Rough trees</b>							
Sawtimber size	828.1	58.5	52.1	6.4	769.6	306.4	463.2
Poletimber size	910.7	26.2	21.9	4.3	884.5	337.1	547.3
Total	1,738.8	84.7	74.0	10.7	1,654.0	643.5	1,010.5
<b>Rotten trees</b>							
Sawtimber size	190.7	9.1	2.1	7.1	181.5	113.2	68.3
Poletimber size	27.9	0.4	0.1	0.3	27.5	18.6	9.0
Total	218.6	9.5	2.2	7.4	209.1	131.8	77.3
<b>Salvable dead trees</b>							
Sawtimber size	20.5	4.6	2.5	2.0	15.9	1.3	14.6
Poletimber size	5.8	4.7	4.7	—	1.1	—	1.1
Total	26.3	9.2	7.2	2.0	17.0	1.3	15.7
<b>All classes</b>	33,687.6	15,327.3	14,146.6	1,180.7	18,360.3	8,853.4	9,506.9

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Includes cull sections in the saw-log portion.

**Table 28—Volume of live and growing-stock trees on timberland by ownership class and species group, Georgia, 1997**

Ownership class	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<b>Live trees (million cubic feet)</b>							
National forest	1,544.0	511.1	309.0	202.0	1,033.0	271.1	761.9
Other public	2,263.0	1,206.8	1,159.8	47.1	1,056.2	452.0	604.1
Forest industry	5,380.5	3,239.7	3,014.8	224.8	2,140.8	1,235.1	905.7
Forest industry-leased	563.3	347.1	290.8	56.3	216.2	166.2	50.0
Nonindustrial private	23,910.6	10,013.4	9,364.9	648.5	13,897.1	6,727.5	7,169.6
All classes	33,661.4	15,318.1	14,139.4	1,178.7	18,343.3	8,852.0	9,491.3
<b>Growing-stock trees (million cubic feet)</b>							
National forest	1,427.8	505.8	304.3	201.4	922.0	251.1	670.9
Other public	2,128.6	1,202.1	1,155.4	46.7	926.5	414.6	512.0
Forest industry	5,141.1	3,227.1	3,006.8	220.4	1,913.9	1,110.8	803.2
Forest industry-leased	534.8	346.5	290.4	56.2	188.3	147.3	41.0
Nonindustrial private	22,471.7	9,942.3	9,306.3	636.0	12,529.4	6,152.9	6,376.5
All classes	31,704.0	15,223.8	14,063.2	1,160.7	16,480.2	8,076.8	8,403.5

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

**Table 29—Volume of sawtimber on timberland by ownership class, species group, and size class, Georgia, 1997**

Ownership class	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<b>All size classes (million board feet)</b>							
National forest	5,216.0	2,199.8	1,136.1	1,063.7	3,016.2	754.1	2,262.0
Other public	8,347.0	5,419.0	5,257.1	161.9	2,928.0	1,076.1	1,851.8
Forest industry	13,804.4	7,954.1	7,239.5	714.6	5,850.3	2,951.0	2,899.3
Forest industry-leased	1,174.0	724.2	571.9	152.3	449.8	323.6	126.3
Nonindustrial private	75,937.7	36,946.5	34,507.6	2,439.0	38,991.2	17,965.9	21,025.3
All classes	104,479.1	53,243.6	48,712.1	4,531.5	51,235.5	23,070.8	28,164.7
<b>Trees <math>\geq</math> 15.0 inches d.b.h. (million board feet)</b>							
National forest	3,641.1	1,514.5	607.4	907.1	2,126.6	510.1	1,616.5
Other public	5,119.7	3,146.0	3,067.2	78.8	1,973.7	585.2	1,388.5
Forest industry	6,101.4	2,079.1	1,771.6	307.5	4,022.3	1,827.8	2,194.5
Forest industry-leased	407.6	152.2	106.8	45.4	255.4	170.9	84.4
Nonindustrial private	42,301.7	16,570.3	15,238.4	1,331.9	25,731.4	11,400.5	14,330.9
All classes	57,571.5	23,462.1	20,791.4	2,670.7	34,109.4	14,494.5	19,614.9

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

**Table 30—Volume of growing stock on timberland by forest-type group, stand origin, and species group, Georgia, 1997**

Forest-type group and stand origin	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
<b>Softwood types</b>							
White-red-jack pine							
Planted	—	—	—	—	—	—	—
Natural	287.2	226.8	45.0	181.8	60.5	20.2	40.3
Total	287.2	226.8	45.0	181.8	60.5	20.2	40.3
Longleaf-slash pine							
Planted	1,667.2	1,630.3	1,628.5	1.8	36.9	14.8	22.1
Natural	2,178.1	1,998.1	1,972.1	26.0	180.0	91.4	88.6
Total	3,845.3	3,628.4	3,600.5	27.8	216.9	106.2	110.7
Loblolly-shortleaf pine							
Planted	3,096.0	2,884.4	2,883.8	0.6	211.6	115.4	96.2
Natural	5,767.8	4,690.1	4,650.4	39.6	1,077.7	618.2	459.6
Total	8,863.8	7,574.5	7,534.3	40.2	1,289.3	733.6	555.8
Total softwoods	12,996.3	11,429.6	11,179.8	249.8	1,566.7	859.9	706.7
<b>Hardwood types</b>							
Oak-pine							
Planted	137.6	84.1	81.6	2.6	53.4	19.8	33.7
Natural	4,029.4	2,046.0	1,853.0	193.0	1,983.5	858.9	1,124.6
Total	4,167.0	2,130.1	1,934.6	195.5	2,036.9	878.7	1,158.2
Oak-hickory	7,819.1	634.5	587.6	46.9	7,184.6	2,374.5	4,810.0
Oak-gum-cypress	6,325.3	1,017.0	349.3	667.7	5,308.3	3,744.4	1,563.8
Elm-ash-cottonwood	389.2	9.5	8.7	0.7	379.7	217.0	162.7
Maple-beech-birch	0.3	—	—	—	0.3	0.3	—
Total hardwoods	18,700.8	3,791.1	2,880.3	910.9	14,909.7	7,214.9	7,694.8
<b>Nonstocked</b>	6.9	3.1	3.1	—	3.8	2.0	1.9
<b>All groups</b>	31,704.0	15,223.8	14,063.2	1,160.7	16,480.2	8,076.8	8,403.5

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 31—Average basal area of live trees per acre on timberland by ownership class, species group, and d.b.h., Georgia, 1997**

Ownership class and species group	All tree sizes	D.b.h. (inches)			
		1.0-4.9	5.0-10.9	11.0-14.9	≥15.0
<i>Square feet/acre</i>					
<b>National forest</b>					
Softwood	40.2	4.3	16.2	7.2	12.5
Hardwood	69.6	14.1	23.2	12.9	19.5
Total	109.9	18.4	39.4	20.1	32.0
<b>Other public</b>					
Softwood	43.6	5.4	15.9	10.5	11.9
Hardwood	49.6	12.0	17.0	9.0	11.6
Total	93.2	17.4	32.9	19.5	23.5
<b>Forest industry</b>					
Softwood	44.6	8.3	27.1	6.6	2.6
Hardwood	32.6	10.0	10.6	4.9	7.1
Total	77.1	18.3	37.6	11.5	9.6
<b>Forest industry-leased</b>					
Softwood	40.8	6.8	27.5	4.8	1.6
Hardwood	30.5	11.3	11.4	4.4	3.4
Total	71.3	18.1	39.0	9.2	5.1
<b>Nonindustrial private</b>					
Softwood	32.8	5.1	15.2	6.8	5.7
Hardwood	46.6	10.4	16.0	8.8	11.4
Total	79.4	15.5	31.1	15.6	17.1
<b>All classes</b>					
Softwood	35.9	5.8	17.8	6.9	5.5
Hardwood	44.1	10.5	15.0	8.0	10.5
Total	80.0	16.3	32.8	14.9	16.0

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

**Table 32—Average net annual growth of growing stock on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	16.3	14.4	14.3	0.0	1.9	1.5	0.4
Atkinson	9.0	8.3	8.2	0.1	0.7	0.5	0.2
Bacon	7.4	6.6	6.3	0.3	0.8	0.4	0.4
Baker	5.0	2.2	1.9	0.3	2.8	0.3	2.5
Baldwin	9.0	6.9	6.9	—	2.1	1.3	0.8
Banks	4.7	-0.0	-0.1	0.0	4.7	2.0	2.7
Barrow	2.8	1.2	1.2	—	1.7	0.7	1.0
Bartow	13.1	9.3	9.2	0.1	3.9	1.1	2.8
Ben Hill	7.1	6.0	5.9	0.1	1.1	0.7	0.4
Berrien	12.5	9.3	8.2	1.1	3.2	2.2	1.0
Bibb	2.6	0.4	0.4	—	2.2	0.9	1.3
Bleckley	5.9	3.4	3.4	—	2.5	0.9	1.6
Brantley	12.5	11.0	10.7	0.3	1.5	0.9	0.6
Brooks	9.4	5.5	5.3	0.2	3.9	2.0	1.9
Bryan	13.9	11.1	10.9	0.1	2.8	1.8	1.1
Bulloch	11.9	7.4	7.3	0.1	4.5	3.1	1.4
Burke	18.9	9.0	8.7	0.4	9.9	4.7	5.1
Butts	5.7	4.1	4.1	0.0	1.6	0.8	0.8
Calhoun	4.1	1.7	1.2	0.5	2.5	1.2	1.3
Camden	23.1	18.0	17.5	0.5	5.1	2.5	2.6
Candler	5.6	3.3	3.3	0.0	2.3	1.6	0.7
Carroll	11.8	7.2	7.2	—	4.7	1.9	2.8
Catoosa	2.1	0.2	0.2	—	1.9	0.6	1.3
Charlton	22.0	21.1	21.1	0.0	0.9	1.2	-0.2
Chatham	5.7	3.9	3.8	0.0	1.8	-0.3	2.1
Chattahoochee	4.9	2.0	2.0	—	2.9	1.9	1.0
Chattooga	8.9	5.2	5.2	—	3.8	1.3	2.5
Cherokee	10.7	4.1	4.1	—	6.6	3.2	3.4
Clarke	3.3	1.0	1.0	—	2.3	1.7	0.6
Clay	4.6	2.5	2.5	—	2.1	1.0	1.1
Clayton	2.0	1.0	1.0	—	1.0	0.2	0.9
Clinch	33.1	30.7	29.9	0.8	2.5	2.2	0.2
Cobb	6.6	4.2	4.2	—	2.5	1.7	0.8
Coffee	14.1	12.7	12.6	0.1	1.4	1.1	0.3
Colquitt	12.3	9.3	9.2	0.0	3.0	2.2	0.8
Columbia	9.8	7.4	7.4	—	2.3	1.3	1.0
Cook	4.1	2.7	2.7	0.0	1.3	0.3	1.0
Coweta	15.2	10.2	10.2	—	5.1	1.9	3.2
Crawford	12.6	10.8	10.8	—	1.8	1.0	0.8
Crisp	3.5	1.3	1.3	0.0	2.2	1.0	1.2
Dade	3.6	0.7	0.5	0.2	2.9	1.0	1.9
Dawson	5.7	1.9	1.7	0.1	3.8	1.4	2.4
Decatur	16.5	11.6	11.2	0.4	4.9	2.3	2.7
DeKalb	4.8	1.7	1.7	—	3.2	1.4	1.7
Dodge	13.1	9.2	9.1	0.1	3.8	1.7	2.2
Dooly	5.4	3.0	2.9	0.1	2.4	1.2	1.3
Dougherty	5.8	4.4	4.1	0.2	1.4	0.0	1.4
Douglas	5.4	1.4	1.4	—	4.0	2.2	1.8
Early	12.3	8.0	7.7	0.3	4.2	1.9	2.3
Echols	19.1	16.4	16.1	0.3	2.7	2.3	0.4
Effingham	17.2	11.9	11.8	0.2	5.2	2.1	3.1
Elbert	6.6	3.8	3.7	0.1	2.8	0.8	2.0
Emanuel	24.2	19.2	19.2	0.1	4.9	4.1	0.9

continued

**Table 32—Average net annual growth of growing stock on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	4.7	2.6	2.6	-0.0	2.2	1.5	0.7
Fannin	8.9	3.9	2.1	1.8	5.1	1.8	3.3
Fayette	4.5	2.5	2.5	—	2.0	0.8	1.2
Floyd	6.3	2.1	2.1	—	4.3	1.4	2.8
Forsyth	5.3	1.0	1.0	—	4.3	1.7	2.6
Franklin	6.6	2.2	2.2	0.0	4.4	1.7	2.7
Fulton	11.3	4.6	4.6	—	6.7	4.2	2.5
Gilmer	11.5	4.0	1.7	2.3	7.5	3.7	3.8
Glascocock	6.1	4.6	4.6	—	1.5	0.4	1.0
Glynn	16.1	15.1	14.8	0.4	1.0	0.6	0.4
Gordon	6.8	4.4	4.4	—	2.4	0.4	2.1
Grady	8.2	4.5	4.5	—	3.8	0.9	2.8
Greene	18.7	14.5	14.6	-0.0	4.2	2.2	2.0
Gwinnett	13.0	5.1	5.1	—	8.0	5.5	2.5
Habersham	7.7	2.0	1.9	0.2	5.6	2.4	3.2
Hall	6.6	0.7	0.7	0.0	5.9	2.1	3.8
Hancock	24.5	20.1	20.1	—	4.4	2.2	2.2
Haralson	11.3	7.2	7.2	—	4.1	2.5	1.6
Harris	13.8	9.7	9.6	0.0	4.2	2.1	2.1
Hart	3.5	1.1	1.0	0.1	2.4	0.5	1.9
Heard	10.3	6.1	6.1	—	4.2	2.1	2.1
Henry	7.9	5.6	5.6	—	2.4	1.5	0.9
Houston	8.0	3.9	3.9	—	4.1	1.4	2.8
Irwin	6.5	5.2	4.9	0.2	1.4	0.8	0.6
Jackson	5.7	0.8	0.7	0.0	5.0	3.0	2.0
Jasper	13.8	7.9	7.7	0.2	5.9	3.2	2.7
Jeff Davis	7.4	5.8	5.8	0.1	1.5	0.8	0.7
Jefferson	14.8	8.1	7.2	0.9	6.7	3.1	3.7
Jenkins	9.8	6.1	5.8	0.3	3.7	2.1	1.6
Johnson	8.7	6.8	6.8	—	1.9	1.3	0.5
Jones	14.9	10.7	10.7	—	4.2	2.2	2.0
Lamar	3.5	2.3	2.3	—	1.2	-0.1	1.3
Lanier	4.9	4.3	4.0	0.3	0.7	0.6	0.1
Laurens	23.9	16.4	16.2	0.2	7.5	3.2	4.3
Lee	4.4	2.1	2.0	0.1	2.4	0.3	2.0
Liberty	17.3	13.1	13.0	0.1	4.3	2.2	2.1
Lincoln	7.6	5.8	5.8	—	1.8	0.5	1.3
Long	17.1	13.9	13.3	0.6	3.2	2.2	1.0
Lowndes	12.1	7.5	7.2	0.3	4.6	2.1	2.5
Lumpkin	6.5	2.6	2.2	0.4	3.9	1.0	2.8
Macon	7.0	2.3	2.3	—	4.7	2.3	2.4
Madison	6.9	1.9	1.8	0.1	5.0	2.9	2.1
Marion	6.9	4.6	4.6	—	2.3	1.0	1.3
McDuffie	8.7	6.3	6.3	—	2.4	1.7	0.7
McIntosh	13.1	11.5	11.3	0.2	1.6	0.6	1.0
Meriwether	23.3	17.9	17.8	0.1	5.4	2.7	2.7
Miller	3.8	2.0	1.7	0.3	1.8	0.9	0.9
Mitchell	10.3	8.5	8.4	0.1	1.8	0.5	1.2
Monroe	17.3	12.3	12.3	—	5.0	2.6	2.4
Montgomery	5.8	4.5	4.5	—	1.4	0.7	0.7
Morgan	8.2	4.7	4.7	—	3.4	2.4	1.1
Murray	11.5	7.0	5.7	1.3	4.5	1.0	3.5
Muscogee	3.9	1.5	1.5	—	2.4	1.7	0.7

continued

**Table 32—Average net annual growth of growing stock on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	9.8	7.3	7.2	0.1	2.4	0.3	2.2
Oconee	1.4	-1.3	-1.3	—	2.8	1.2	1.5
Oglethorpe	14.4	9.7	9.7	0.0	4.7	3.0	1.7
Paulding	11.1	5.6	5.6	—	5.5	3.1	2.5
Peach	0.7	0.5	0.5	—	0.2	0.0	0.2
Pickens	5.4	2.2	2.2	—	3.2	0.9	2.4
Pierce	10.3	8.2	7.8	0.4	2.2	1.9	0.3
Pike	4.8	1.9	1.9	—	3.0	1.0	1.9
Polk	10.0	7.3	7.3	—	2.7	0.3	2.3
Pulaski	2.9	1.6	1.3	0.3	1.3	0.0	1.2
Putnam	12.7	9.8	9.7	0.1	3.0	1.4	1.5
Quitman	7.0	5.1	5.1	—	1.9	0.9	1.0
Rabun	9.0	2.5	-0.1	2.6	6.5	3.2	3.3
Randolph	9.7	6.0	6.0	—	3.7	1.2	2.5
Richmond	7.3	3.8	3.8	—	3.6	1.9	1.6
Rockdale	2.2	1.1	1.1	—	1.0	0.4	0.7
Schley	4.3	2.6	2.6	—	1.7	0.4	1.3
Screven	17.2	10.6	10.0	0.6	6.6	3.4	3.1
Seminole	2.5	1.0	0.9	0.1	1.5	1.0	0.5
Spalding	6.0	3.7	3.7	—	2.2	1.3	0.9
Stephens	4.2	3.1	3.1	—	1.1	0.5	0.6
Stewart	19.6	14.2	14.2	—	5.5	3.0	2.5
Sumter	9.6	6.5	6.4	0.1	3.2	2.2	1.0
Talbot	12.3	8.9	8.9	0.1	3.4	1.3	2.1
Taliaferro	8.3	5.7	5.7	—	2.6	1.1	1.5
Tattnell	11.0	7.6	7.7	-0.0	3.4	2.9	0.5
Taylor	6.7	4.5	4.5	—	2.2	0.8	1.4
Telfair	13.7	10.3	10.2	0.1	3.5	1.4	2.0
Terrell	4.2	1.8	1.7	0.1	2.3	1.6	0.8
Thomas	7.7	5.0	5.0	—	2.7	1.2	1.5
Tift	3.9	2.8	2.7	0.1	1.1	0.9	0.2
Toombs	8.4	5.9	5.8	0.1	2.5	1.5	1.0
Towns	2.2	0.9	0.7	0.2	1.4	1.0	0.4
Treutlen	7.2	5.7	5.7	—	1.5	1.4	0.1
Troup	14.4	8.6	8.5	0.0	5.9	2.5	3.3
Turner	7.4	6.5	5.8	0.6	0.9	0.4	0.5
Twiggs	14.1	7.5	7.5	—	6.5	3.0	3.5
Union	5.0	1.2	-0.6	1.7	3.9	1.7	2.2
Upson	7.2	3.3	3.3	—	3.9	1.7	2.2
Walker	9.2	3.3	3.2	0.1	6.0	1.6	4.4
Walton	5.4	0.3	0.3	—	5.1	2.7	2.4
Ware	20.9	19.4	19.0	0.4	1.5	1.4	0.2
Warren	9.1	6.7	6.7	—	2.4	0.9	1.5
Washington	24.4	15.0	14.9	0.1	9.5	5.3	4.2
Wayne	26.9	24.5	24.4	0.1	2.4	1.3	1.1
Webster	6.8	5.9	5.9	—	0.9	0.4	0.5
Wheeler	9.9	7.8	7.8	0.0	2.1	1.2	0.8
White	5.2	1.6	1.3	0.3	3.6	1.6	2.0
Whitfield	5.7	2.3	2.3	—	3.4	1.4	2.0
Wilcox	8.9	5.9	5.7	0.3	3.0	2.0	1.0
Wilkes	18.4	16.3	16.2	0.1	2.1	1.8	0.3
Wilkinson	17.9	11.1	10.6	0.4	6.8	3.2	3.6
Worth	12.8	9.8	9.5	0.3	3.1	1.7	1.4
<b>Total</b>	<b>1,552.8</b>	<b>1,030.2</b>	<b>1,003.2</b>	<b>27.0</b>	<b>522.6</b>	<b>255.0</b>	<b>267.6</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.



**Table 33—Average net annual growth of live trees on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	16.6	14.4	14.3	0.0	2.2	1.7	0.5
Atkinson	9.3	8.3	8.2	0.1	1.0	0.6	0.4
Bacon	7.7	6.6	6.3	0.3	1.1	0.5	0.6
Baker	5.3	2.2	2.0	0.3	3.1	0.4	2.7
Baldwin	9.0	7.0	7.0	—	2.0	1.2	0.8
Banks	4.5	-0.0	-0.1	0.0	4.5	2.2	2.4
Barrow	3.0	1.2	1.2	—	1.8	0.7	1.1
Bartow	13.5	9.5	9.4	0.1	4.0	1.2	2.9
Ben Hill	7.1	6.0	5.9	0.1	1.0	0.6	0.4
Berrien	12.5	9.3	8.2	1.1	3.2	2.2	1.0
Bibb	2.7	0.4	0.4	—	2.3	0.9	1.5
Bleckley	5.9	3.4	3.4	—	2.5	1.0	1.5
Brantley	12.8	11.1	10.7	0.4	1.7	1.0	0.7
Brooks	9.6	5.5	5.3	0.1	4.1	1.9	2.2
Bryan	14.1	11.1	11.0	0.1	3.0	2.0	1.1
Bulloch	12.0	7.4	7.3	0.1	4.6	3.3	1.3
Burke	20.3	9.6	9.3	0.4	10.7	5.3	5.4
Butts	5.7	4.1	4.1	0.0	1.6	0.8	0.8
Calhoun	4.1	1.7	1.2	0.5	2.5	1.2	1.2
Camden	22.7	18.0	17.5	0.5	4.7	2.2	2.5
Candler	5.9	3.3	3.3	0.0	2.5	1.6	0.9
Carroll	12.0	7.2	7.2	—	4.8	1.9	2.9
Catoosa	2.3	0.2	0.2	—	2.1	0.6	1.5
Charlton	22.7	21.1	21.1	0.0	1.6	1.7	-0.2
Chatham	5.6	4.0	3.9	0.0	1.6	-0.4	1.9
Chattahoochee	5.3	2.0	2.0	—	3.3	2.0	1.3
Chattooga	9.1	5.2	5.2	—	4.0	1.3	2.6
Cherokee	10.8	3.8	3.8	—	7.0	3.4	3.6
Clarke	3.4	1.0	1.0	—	2.4	1.8	0.6
Clay	4.9	2.5	2.5	—	2.4	1.2	1.2
Clayton	2.1	1.0	1.0	—	1.1	0.2	0.9
Clinch	33.7	30.8	30.0	0.8	2.9	2.5	0.5
Cobb	6.8	4.2	4.2	—	2.7	1.8	0.8
Coffee	14.4	12.8	12.6	0.1	1.6	1.3	0.3
Colquitt	12.3	9.3	9.3	0.0	3.0	2.3	0.8
Columbia	9.8	7.4	7.4	—	2.4	1.4	1.0
Cook	4.4	2.8	2.8	0.0	1.6	0.5	1.1
Coweta	14.5	9.8	9.8	—	4.7	1.3	3.4
Crawford	13.2	11.0	11.0	—	2.3	1.1	1.2
Crisp	3.5	1.3	1.3	0.0	2.2	1.1	1.1
Dade	3.8	0.7	0.5	0.2	3.1	1.1	2.0
Dawson	5.9	1.9	1.7	0.1	4.0	1.5	2.5
Decatur	17.2	11.6	11.2	0.4	5.6	2.5	3.1
DeKalb	4.9	1.7	1.7	—	3.3	1.4	1.8
Dodge	12.8	9.3	9.2	0.1	3.5	1.3	2.2
Dooley	5.5	3.0	2.9	0.1	2.5	0.9	1.6
Dougherty	5.8	4.4	4.1	0.3	1.4	0.0	1.4
Douglas	5.1	1.4	1.4	—	3.7	1.9	1.9
Early	12.5	8.1	7.8	0.3	4.4	1.9	2.4
Echols	19.3	16.4	16.1	0.3	2.9	2.4	0.5
Effingham	17.6	12.0	11.8	0.2	5.6	2.0	3.6
Elbert	6.8	3.9	3.7	0.2	3.0	0.8	2.2
Emanuel	24.8	19.4	19.4	0.1	5.4	4.5	0.9

continued

**Table 33—Average net annual growth of live trees on timberland by county and species group, Georgia, 1989-1996species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	4.7	2.6	2.6	-0.0	2.1	1.4	0.7
Fannin	9.1	3.9	2.1	1.8	5.2	1.8	3.4
Fayette	4.3	2.3	2.3	—	2.0	0.7	1.3
Floyd	6.3	1.8	1.8	—	4.5	1.5	2.9
Forsyth	5.5	1.0	1.0	—	4.5	1.7	2.9
Franklin	7.1	2.3	2.3	0.0	4.8	1.8	3.0
Fulton	11.5	4.7	4.7	—	6.9	4.1	2.7
Gilmer	11.5	4.0	1.7	2.3	7.5	3.7	3.8
Glascocock	6.9	4.9	4.9	—	2.0	0.8	1.2
Glynn	16.3	15.2	14.9	0.4	1.1	0.7	0.4
Gordon	6.7	4.2	4.2	—	2.5	0.4	2.1
Grady	8.0	4.5	4.5	0.0	3.5	0.5	2.9
Greene	18.7	14.5	14.6	-0.0	4.2	2.3	1.9
Gwinnett	13.1	4.9	4.9	—	8.2	5.5	2.8
Habersham	8.2	2.0	1.9	0.2	6.2	2.6	3.6
Hall	6.8	0.7	0.7	0.0	6.1	2.2	3.9
Hancock	25.2	20.3	20.3	—	4.9	2.3	2.7
Haralson	11.5	7.2	7.2	—	4.3	2.5	1.8
Harris	14.0	9.7	9.6	0.0	4.3	2.2	2.2
Hart	3.7	1.1	1.0	0.1	2.6	0.7	1.9
Heard	10.7	6.1	6.1	—	4.7	2.2	2.5
Henry	8.1	5.6	5.6	—	2.5	1.5	1.0
Houston	8.3	3.9	3.9	—	4.4	1.7	2.7
Irwin	6.5	5.2	4.9	0.3	1.3	0.7	0.6
Jackson	5.6	0.5	0.7	-0.3	5.1	3.1	2.1
Jasper	13.8	7.9	7.7	0.2	5.9	3.2	2.6
Jeff Davis	7.6	5.8	5.8	0.1	1.8	1.0	0.8
Jefferson	15.0	8.2	7.3	1.0	6.8	2.7	4.1
Jenkins	9.9	6.1	5.8	0.3	3.8	2.3	1.4
Johnson	8.7	6.9	6.9	—	1.8	1.3	0.5
Jones	15.1	10.7	10.7	—	4.4	2.2	2.1
Lamar	3.2	2.2	2.2	—	1.0	-0.3	1.3
Lanier	5.0	4.3	4.0	0.3	0.8	0.5	0.2
Laurens	24.7	16.4	16.2	0.2	8.2	3.7	4.6
Lee	4.6	2.1	2.0	0.1	2.5	0.3	2.3
Liberty	16.9	13.0	12.9	0.1	4.0	1.9	2.1
Lincoln	7.9	5.8	5.8	—	2.1	0.6	1.5
Long	17.0	13.9	13.3	0.6	3.1	2.0	1.2
Lowndes	12.6	7.5	7.2	0.3	5.1	2.2	2.9
Lumpkin	6.8	2.8	2.2	0.7	4.0	1.1	2.9
Macon	6.9	2.3	2.3	—	4.6	2.2	2.4
Madison	7.1	2.0	1.8	0.2	5.1	2.9	2.3
Marion	7.6	4.7	4.7	—	2.9	1.3	1.7
McDuffie	8.9	6.4	6.4	—	2.5	1.7	0.8
McIntosh	13.1	11.5	11.3	0.2	1.7	0.5	1.2
Meriwether	23.9	18.0	18.0	0.1	5.9	3.1	2.8
Miller	4.1	2.0	1.7	0.3	2.1	1.1	1.1
Mitchell	10.6	8.5	8.4	0.1	2.0	0.5	1.5
Monroe	17.6	12.3	12.3	—	5.3	2.6	2.7
Montgomery	5.8	4.5	4.5	—	1.4	0.6	0.7
Morgan	8.6	4.7	4.7	—	3.8	2.7	1.1
Murray	11.5	6.8	5.5	1.3	4.7	1.0	3.6
Muscogee	3.4	1.5	1.5	—	1.9	1.4	0.5

continued

**Table 33—Average net annual growth of live trees on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	10.3	7.3	7.2	0.1	2.9	0.7	2.2
Oconee	1.8	-1.3	-1.3	—	3.1	1.5	1.6
Oglethorpe	14.9	9.9	9.9	0.0	5.0	3.3	1.7
Paulding	11.2	5.7	5.7	—	5.5	3.0	2.5
Peach	0.9	0.6	0.6	—	0.3	-0.0	0.3
Pickens	5.7	2.2	2.2	—	3.6	0.9	2.7
Pierce	10.5	8.2	7.8	0.4	2.3	1.8	0.6
Pike	5.1	2.1	2.1	—	3.0	1.0	2.0
Polk	10.0	7.4	7.4	—	2.5	0.3	2.2
Pulaski	2.8	1.6	1.3	0.3	1.3	-0.1	1.4
Putnam	12.8	9.8	9.7	0.1	3.1	1.5	1.6
Quitman	7.0	5.2	5.2	—	1.8	0.8	1.0
Rabun	9.5	2.4	-0.1	2.6	7.0	3.4	3.7
Randolph	9.8	6.0	6.0	—	3.7	1.3	2.4
Richmond	7.2	3.8	3.8	—	3.5	2.0	1.4
Rockdale	2.2	1.2	1.2	—	1.1	0.4	0.7
Schley	4.4	2.6	2.6	—	1.8	0.5	1.3
Screven	17.4	10.6	10.0	0.6	6.8	3.6	3.2
Seminole	2.7	1.0	0.9	0.1	1.7	1.1	0.6
Spalding	6.5	3.9	3.9	—	2.6	1.5	1.1
Stephens	4.2	3.1	3.1	—	1.2	0.5	0.7
Stewart	19.1	14.3	14.3	—	4.9	2.9	1.9
Sumter	9.7	6.5	6.4	0.1	3.2	2.2	1.0
Talbot	12.4	9.0	8.9	0.1	3.5	1.3	2.2
Taliaferro	8.6	5.7	5.7	—	2.9	1.3	1.6
Tattnall	11.2	7.7	7.7	-0.0	3.6	3.0	0.5
Taylor	6.8	4.5	4.5	—	2.3	0.6	1.7
Telfair	14.1	10.4	10.3	0.1	3.7	1.4	2.3
Terrell	4.2	1.8	1.7	0.1	2.4	1.7	0.7
Thomas	8.5	5.0	5.0	—	3.5	1.5	2.0
Tift	4.1	2.8	2.7	0.1	1.3	1.0	0.3
Toombs	8.8	5.9	5.8	0.1	2.9	1.6	1.3
Towns	2.3	0.9	0.7	0.2	1.4	0.9	0.5
Treutlen	7.2	5.7	5.7	—	1.4	1.3	0.1
Troup	14.8	8.6	8.6	0.0	6.2	2.8	3.4
Turner	7.4	6.5	5.8	0.6	1.0	0.4	0.5
Twiggs	14.5	7.7	7.7	—	6.9	3.2	3.7
Union	5.4	1.2	-0.6	1.7	4.3	1.8	2.5
Upson	6.9	3.3	3.3	—	3.6	1.5	2.1
Walker	9.7	3.4	3.3	0.1	6.2	1.6	4.7
Walton	5.2	0.3	0.3	—	4.8	2.5	2.3
Ware	21.2	19.4	19.0	0.4	1.8	1.6	0.2
Warren	9.3	6.9	6.9	—	2.4	0.8	1.6
Washington	24.0	14.9	14.8	0.1	9.1	4.8	4.4
Wayne	27.5	24.5	24.4	0.1	3.0	1.6	1.4
Webster	6.9	6.1	6.1	—	0.7	0.4	0.4
Wheeler	9.9	7.8	7.8	0.0	2.1	1.2	0.9
White	5.6	1.6	1.3	0.3	4.0	1.7	2.3
Whitfield	5.7	2.3	2.3	—	3.4	1.4	1.9
Wilcox	8.9	6.0	5.7	0.3	2.9	1.8	1.1
Wilkes	18.3	16.3	16.2	0.1	2.0	1.8	0.2
Wilkinson	18.5	11.3	10.8	0.4	7.2	3.5	3.7
Worth	13.0	9.8	9.5	0.3	3.2	1.8	1.4
<b>Total</b>	<b>1,580.6</b>	<b>1,034.0</b>	<b>1,006.6</b>	<b>27.4</b>	<b>546.6</b>	<b>262.3</b>	<b>284.3</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 34—Average net annual growth of sawtimber on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Appling	44.1	35.8	35.5	0.3	8.3	6.4	1.8
Atkinson	24.6	24.1	23.8	0.3	0.5	0.7	-0.2
Bacon	19.2	15.6	15.1	0.6	3.6	1.3	2.2
Baker	26.6	13.7	13.1	0.6	12.9	0.8	12.1
Baldwin	31.8	20.6	20.6	—	11.1	7.3	3.8
Banks	19.1	1.6	1.6	—	17.5	7.2	10.4
Barrow	15.4	5.3	5.3	—	10.1	4.7	5.4
Bartow	40.5	24.4	24.4	—	16.1	3.4	12.7
Ben Hill	17.6	16.1	15.4	0.7	1.6	0.5	1.0
Berrien	52.6	43.2	39.3	4.0	9.4	6.7	2.7
Bibb	15.8	5.5	5.5	—	10.3	2.8	7.5
Bleckley	24.8	11.6	11.6	—	13.2	4.4	8.8
Brantley	17.6	13.6	13.4	0.3	4.0	2.1	1.9
Brooks	34.8	20.7	18.5	2.1	14.2	8.2	6.0
Bryan	68.4	57.6	57.2	0.4	10.8	5.5	5.3
Bulloch	52.3	31.9	31.4	0.6	20.3	14.4	5.9
Burke	70.1	29.4	26.7	2.7	40.7	21.2	19.5
Butts	22.8	18.2	18.2	—	4.6	1.8	2.8
Calhoun	16.2	7.4	4.0	3.4	8.8	4.5	4.4
Camden	72.6	62.6	59.7	2.9	10.0	5.6	4.4
Candler	18.6	8.9	8.7	0.2	9.7	7.4	2.3
Carroll	51.9	28.4	28.4	—	23.5	13.5	10.0
Catoosa	9.3	1.5	1.5	—	7.9	3.2	4.7
Charlton	55.5	54.6	54.2	0.3	0.9	1.3	-0.4
Chatham	18.3	14.7	14.6	0.1	3.6	-2.6	6.2
Chattahoochee	16.1	4.6	4.6	—	11.6	8.3	3.3
Chattooga	19.9	6.8	6.8	—	13.1	3.8	9.2
Cherokee	52.6	21.2	21.2	—	31.4	17.2	14.2
Clarke	15.6	5.3	5.3	—	10.3	5.8	4.4
Clay	21.5	11.3	11.3	—	10.2	4.3	5.9
Clayton	10.3	7.3	7.3	—	3.1	-0.4	3.5
Clinch	75.0	69.2	65.5	3.7	5.8	4.9	0.9
Cobb	36.9	28.6	28.6	—	8.3	6.1	2.2
Coffee	28.1	23.2	22.3	0.9	5.0	4.4	0.5
Colquitt	43.5	37.8	37.6	0.2	5.7	4.0	1.7
Columbia	48.3	36.3	36.3	—	12.0	6.2	5.8
Cook	18.7	12.9	12.7	0.2	5.8	1.3	4.4
Coweta	56.3	39.8	39.8	—	16.4	5.2	11.3
Crawford	14.2	10.5	10.5	—	3.6	1.2	2.4
Crisp	20.7	9.2	9.0	0.2	11.5	5.0	6.5
Dade	20.0	5.1	3.7	1.4	14.9	4.9	10.1
Dawson	29.0	13.0	12.5	0.5	16.0	6.8	9.3
Decatur	58.7	41.3	38.7	2.6	17.4	8.4	9.0
DeKalb	27.6	13.2	13.2	—	14.5	4.7	9.8
Dodge	49.6	39.2	38.8	0.5	10.4	4.5	5.9
Dooly	23.4	18.3	16.7	1.6	5.1	2.0	3.1
Dougherty	29.2	24.4	22.5	1.8	4.9	-0.8	5.7
Douglas	28.6	9.0	9.0	—	19.6	10.4	9.2
Early	32.9	16.6	15.7	0.9	16.3	8.3	7.9
Echols	37.8	31.7	30.9	0.7	6.1	3.7	2.4
Effingham	57.2	39.6	38.5	1.1	17.6	7.2	10.4
Elbert	30.6	14.1	13.6	0.6	16.5	5.3	11.2
Emanuel	81.4	60.0	59.6	0.3	21.4	17.3	4.2

continued

**Table 34—Average net annual growth of sawtimber on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Evans	21.7	9.8	9.9	-0.0	11.8	8.7	3.1
Fannin	42.6	22.8	10.9	11.9	19.7	4.4	15.3
Fayette	19.3	8.8	8.8	—	10.4	4.2	6.3
Floyd	24.6	11.3	11.3	—	13.3	1.8	11.5
Forsyth	24.2	8.2	8.2	—	16.0	7.8	8.2
Franklin	30.6	10.6	10.6	—	20.0	6.7	13.3
Fulton	57.9	27.7	27.7	—	30.2	20.1	10.2
Gilmer	58.0	21.4	10.4	11.0	36.6	18.0	18.5
Glascocock	22.0	17.9	17.9	—	4.1	2.0	2.1
Glynn	65.3	65.4	62.3	3.0	-0.1	1.1	-1.2
Gordon	17.3	9.2	9.2	—	8.1	1.1	7.0
Grady	39.1	21.1	21.1	—	18.0	4.7	13.2
Greene	78.2	68.1	67.9	0.2	10.2	3.7	6.4
Gwinnett	62.0	27.5	27.5	—	34.4	23.8	10.7
Habersham	38.5	10.8	9.2	1.6	27.7	11.2	16.4
Hall	37.7	6.7	6.7	—	31.0	9.7	21.3
Hancock	72.6	59.5	59.5	—	13.1	5.4	7.7
Haralson	37.7	18.6	18.6	—	19.1	11.3	7.8
Harris	39.0	28.7	28.7	0.1	10.3	4.8	5.4
Hart	19.6	4.4	4.4	—	15.2	3.3	11.9
Heard	33.1	20.1	20.1	—	13.0	8.1	4.9
Henry	33.9	25.3	25.3	—	8.6	5.8	2.9
Houston	29.7	8.9	8.9	—	20.8	8.5	12.3
Irwin	33.6	30.3	29.3	1.0	3.3	1.9	1.4
Jackson	24.5	6.1	5.6	0.6	18.4	8.6	9.8
Jasper	45.4	26.9	26.7	0.2	18.6	9.7	8.8
Jeff Davis	19.5	15.6	15.5	0.1	3.9	0.6	3.3
Jefferson	61.2	26.5	22.0	4.4	34.8	16.0	18.8
Jenkins	34.6	19.4	18.0	1.4	15.3	8.8	6.5
Johnson	28.8	21.6	21.6	—	7.2	5.4	1.8
Jones	56.7	42.9	42.9	—	13.9	5.3	8.6
Lamar	11.8	7.6	7.6	—	4.2	1.4	2.8
Lanier	16.3	13.9	11.9	2.0	2.3	1.9	0.4
Laurens	60.7	36.9	35.8	1.2	23.8	6.5	17.3
Lee	17.8	5.0	4.5	0.5	12.8	2.9	9.9
Liberty	69.6	56.5	56.2	0.3	13.1	5.5	7.6
Lincoln	33.0	27.9	27.9	—	5.0	0.8	4.2
Long	55.0	44.1	41.9	2.2	11.0	6.2	4.8
Lowndes	47.6	33.0	31.8	1.2	14.6	6.2	8.4
Lumpkin	30.7	13.4	10.0	3.4	17.3	3.1	14.2
Macon	31.7	10.8	10.8	—	20.8	9.8	11.1
Madison	25.7	8.3	7.6	0.7	17.4	11.3	6.1
Marion	17.6	6.2	6.2	—	11.4	5.2	6.2
McDuffie	36.4	29.2	29.2	—	7.2	5.7	1.5
McIntosh	41.4	36.6	35.6	0.9	4.8	1.3	3.5
Meriwether	73.2	49.8	49.3	0.5	23.4	10.9	12.4
Miller	14.2	7.8	6.6	1.3	6.3	2.5	3.8
Mitchell	25.9	20.0	19.2	0.8	5.9	1.4	4.5
Monroe	48.0	32.9	32.9	—	15.1	6.8	8.3
Montgomery	20.0	14.0	14.0	—	6.0	2.8	3.2
Morgan	34.9	24.0	24.0	—	11.0	6.4	4.6
Murray	48.5	27.4	19.9	7.5	21.1	4.0	17.0
Muscogee	13.6	6.5	6.5	—	7.0	6.9	0.1

continued

**Table 34—Average net annual growth of sawtimber on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Newton	42.9	30.4	30.4	—	12.5	1.0	11.5
Oconee	12.5	-3.1	-3.1	—	15.7	8.2	7.5
Oglethorpe	62.6	37.8	37.8	0.0	24.8	16.5	8.3
Paulding	40.6	15.7	15.7	—	24.9	13.4	11.5
Peach	0.9	—	—	—	0.9	—	0.9
Pickens	24.3	12.1	12.1	—	12.2	4.3	7.8
Pierce	30.7	27.1	24.8	2.3	3.6	2.0	1.5
Pike	23.2	8.8	8.8	—	14.4	5.7	8.7
Polk	22.3	15.1	15.1	—	7.2	0.0	7.2
Pulaski	12.1	7.3	5.2	2.1	4.8	-0.7	5.5
Putnam	33.9	27.9	27.8	0.1	6.1	2.0	4.0
Quitman	15.5	10.7	10.7	—	4.8	2.2	2.6
Rabun	49.3	22.1	7.2	14.9	27.3	11.8	15.4
Randolph	31.2	15.4	15.4	—	15.8	5.0	10.8
Richmond	25.6	12.4	12.4	—	13.3	6.0	7.2
Rockdale	11.8	10.8	10.8	—	1.0	0.8	0.2
Schley	13.4	8.9	8.9	—	4.5	1.5	3.0
Screven	71.1	45.4	42.6	2.8	25.7	12.4	13.3
Seminole	8.8	4.3	3.8	0.5	4.5	3.8	0.7
Spalding	32.6	22.8	22.8	—	9.8	5.5	4.4
Stephens	20.7	14.5	14.5	—	6.2	4.0	2.2
Stewart	48.4	34.9	34.9	—	13.5	5.5	8.0
Sumter	25.2	15.0	14.4	0.5	10.2	6.7	3.5
Talbot	27.3	21.3	21.2	0.1	6.0	2.4	3.6
Taliaferro	25.9	19.4	19.4	—	6.5	1.8	4.6
Tattmall	37.1	26.2	26.6	-0.5	11.0	10.0	1.0
Taylor	17.7	7.7	7.7	—	10.0	3.8	6.2
Telfair	47.0	34.4	34.1	0.3	12.6	5.3	7.3
Terrell	16.5	10.8	10.0	0.7	5.8	4.6	1.1
Thomas	43.7	33.2	33.2	—	10.5	3.6	6.9
Tift	14.5	9.9	9.3	0.6	4.6	3.5	1.1
Toombs	21.0	11.3	11.0	0.3	9.7	7.5	2.2
Towns	9.5	3.9	3.6	0.3	5.5	3.3	2.3
Treutlen	20.5	17.3	17.3	—	3.3	2.1	1.1
Troup	51.7	30.5	30.5	—	21.2	10.2	11.0
Turner	27.9	26.4	21.9	4.5	1.5	0.9	0.7
Twiggs	46.4	22.3	22.3	—	24.0	8.2	15.8
Union	29.5	8.8	1.0	7.8	20.7	8.2	12.5
Upson	17.3	5.7	5.7	—	11.6	3.8	7.8
Walker	34.8	12.0	12.0	—	22.8	3.7	19.2
Walton	29.3	7.4	7.4	—	21.9	11.3	10.6
Ware	48.5	45.1	43.4	1.8	3.4	2.0	1.4
Warren	42.9	32.8	32.8	—	10.1	3.9	6.2
Washington	92.3	57.1	56.7	0.3	35.2	17.7	17.5
Wayne	73.9	66.2	65.0	1.2	7.7	3.6	4.1
Webster	8.9	6.6	6.6	—	2.3	0.3	2.0
Wheeler	28.4	22.2	22.1	0.1	6.1	4.8	1.3
White	28.7	12.0	11.3	0.7	16.7	9.8	6.9
Whitfield	28.3	12.4	12.4	—	15.9	4.2	11.7
Wilcox	33.2	21.9	20.1	1.9	11.3	7.9	3.4
Wilkes	81.6	73.7	73.6	0.1	7.9	6.8	1.1
Wilkinson	56.4	32.8	30.6	2.1	23.7	13.2	10.5
Worth	55.3	39.0	38.5	0.5	16.2	8.6	7.7
<b>Total</b>	<b>5,562.5</b>	<b>3,557.3</b>	<b>3,416.4</b>	<b>140.9</b>	<b>2,005.2</b>	<b>928.6</b>	<b>1,076.6</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 35—Average annual removals of growing stock on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	14.0	10.4	10.2	0.2	3.6	2.1	1.5
Atkinson	9.0	8.5	8.2	0.3	0.5	0.2	0.3
Bacon	9.4	9.3	9.2	0.1	0.1	—	0.1
Baker	2.8	2.6	2.6	—	0.2	0.1	0.1
Baldwin	9.2	8.7	8.7	—	0.5	0.4	0.1
Banks	5.5	1.9	1.8	0.1	3.5	2.8	0.7
Barrow	4.1	2.3	2.3	—	1.8	0.7	1.2
Bartow	17.4	14.2	14.2	—	3.2	1.1	2.1
Ben Hill	11.7	10.7	10.7	—	0.9	0.8	0.2
Berrien	12.4	10.8	10.8	—	1.7	1.0	0.6
Bibb	8.2	5.8	5.8	—	2.4	2.0	0.4
Bleckley	2.4	0.1	0.1	—	2.3	0.7	1.5
Brantley	10.8	8.5	8.5	—	2.3	1.2	1.0
Brooks	12.5	8.4	8.4	—	4.1	2.1	2.0
Bryan	11.8	9.5	9.5	—	2.3	0.7	1.6
Bulloch	12.9	6.6	6.5	0.1	6.4	5.3	1.1
Burke	25.7	13.2	11.4	1.9	12.5	6.9	5.6
Butts	6.1	5.2	5.2	—	0.9	0.0	0.9
Calhoun	4.1	1.3	0.7	0.6	2.8	2.2	0.6
Camden	27.3	24.1	23.9	0.2	3.2	1.5	1.7
Candler	7.6	1.9	1.7	0.2	5.7	4.5	1.2
Carroll	11.0	6.2	6.2	—	4.8	0.9	3.9
Catoosa	0.7	0.3	0.3	—	0.4	—	0.4
Charlton	33.4	32.0	31.5	0.6	1.4	1.2	0.2
Chatham	7.3	4.6	4.6	—	2.7	1.4	1.3
Chattahoochee	5.0	3.3	3.3	—	1.7	1.0	0.7
Chattooga	2.4	1.6	1.6	—	0.7	0.0	0.7
Cherokee	9.8	7.9	7.9	—	1.9	1.6	0.3
Clarke	0.9	0.9	0.9	—	—	—	—
Clay	3.1	2.5	2.5	—	0.6	0.2	0.4
Clayton	3.6	2.7	2.7	—	0.9	0.5	0.4
Clinch	22.3	20.6	19.4	1.2	1.7	1.6	0.1
Cobb	11.7	8.6	8.6	—	3.0	1.9	1.1
Coffee	14.9	10.9	10.9	—	4.0	3.1	0.9
Colquitt	12.0	11.3	11.3	—	0.7	0.6	0.1
Columbia	15.1	13.8	13.8	—	1.3	0.9	0.4
Cook	3.8	2.9	2.9	0.1	0.9	0.5	0.4
Coweta	5.3	4.7	4.7	—	0.7	0.7	—
Crawford	9.5	8.0	8.0	—	1.5	0.9	0.6
Crisp	4.7	3.4	3.4	—	1.3	0.2	1.1
Dade	—	—	—	—	—	—	—
Dawson	4.9	4.5	4.5	—	0.4	0.1	0.3
Decatur	12.6	10.4	10.4	—	2.2	0.8	1.4
DeKalb	1.2	1.2	1.2	—	—	—	—
Dodge	16.8	13.5	13.5	—	3.3	2.4	0.9
Dooly	5.2	2.2	2.2	—	3.0	1.4	1.6
Dougherty	5.9	5.0	5.0	—	0.8	0.1	0.8
Douglas	3.6	3.4	3.4	—	0.2	0.1	0.1
Early	8.9	6.2	6.2	—	2.8	1.6	1.1
Echols	16.5	15.4	15.3	0.2	1.1	0.8	0.3
Effingham	17.5	11.3	11.1	0.2	6.2	1.6	4.6
Elbert	6.7	2.8	2.7	0.2	3.9	2.6	1.2
Emanuel	15.7	12.2	12.2	—	3.5	3.1	0.5

continued

**Table 35—Average annual removals of growing stock on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	0.2	0.1	0.1	—	0.1	0.1	—
Fannin	6.1	0.6	0.6	0.1	5.5	1.3	4.2
Fayette	3.9	3.1	3.1	—	0.7	0.6	0.2
Floyd	5.8	5.1	5.1	—	0.7	0.2	0.5
Forsyth	6.1	2.5	2.5	—	3.6	1.4	2.2
Franklin	4.5	3.0	3.0	—	1.5	—	1.5
Fulton	14.9	11.3	11.3	—	3.6	1.0	2.6
Gilmer	4.3	2.5	1.8	0.7	1.8	0.6	1.2
Glascocock	4.1	1.6	1.6	—	2.4	0.7	1.7
Glynn	12.7	9.8	9.8	—	2.9	2.1	0.9
Gordon	5.9	4.4	4.4	—	1.5	0.6	0.9
Grady	7.3	4.9	4.9	—	2.4	0.9	1.5
Greene	26.2	23.8	23.8	—	2.4	1.9	0.5
Gwinnett	13.3	7.9	7.9	—	5.4	2.6	2.8
Habersham	5.3	3.0	3.0	—	2.3	0.7	1.6
Hall	1.3	0.7	0.7	—	0.6	0.4	0.2
Hancock	24.7	21.2	21.2	—	3.4	1.2	2.2
Haralson	18.7	9.7	9.7	—	9.0	4.3	4.7
Harris	10.0	7.9	7.9	—	2.1	1.6	0.6
Hart	0.2	—	—	—	0.2	—	0.2
Heard	10.2	6.8	6.8	—	3.4	2.4	1.1
Henry	8.0	5.2	5.2	—	2.9	1.4	1.5
Houston	2.6	2.2	2.2	—	0.4	0.1	0.2
Irwin	4.0	3.8	3.7	0.1	0.2	0.1	0.1
Jackson	8.0	7.4	7.4	—	0.7	—	0.7
Jasper	9.4	6.3	6.3	—	3.0	1.2	1.8
Jeff Davis	7.2	6.5	6.5	—	0.7	0.1	0.6
Jefferson	10.1	4.0	4.0	—	6.1	2.0	4.0
Jenkins	16.9	5.1	4.0	1.0	11.9	6.9	4.9
Johnson	6.7	5.2	5.2	—	1.4	0.8	0.6
Jones	17.0	15.1	15.1	—	2.0	1.1	0.8
Lamar	3.3	1.9	1.9	—	1.5	0.3	1.1
Lanier	5.0	4.9	4.8	0.0	0.1	—	0.1
Laurens	18.0	12.2	12.0	0.1	5.9	3.8	2.1
Lee	3.9	1.9	1.9	—	2.0	0.6	1.4
Liberty	13.1	11.8	11.8	—	1.3	1.0	0.3
Lincoln	7.5	6.9	6.9	—	0.6	0.3	0.3
Long	11.8	11.0	10.6	0.5	0.8	0.5	0.3
Lowndes	11.0	6.0	5.4	0.6	5.0	3.7	1.4
Lumpkin	4.2	2.2	2.1	0.1	2.0	0.1	1.9
Macon	5.7	1.8	1.8	—	3.9	1.1	2.8
Madison	1.9	1.5	1.5	—	0.4	0.2	0.2
Marion	5.3	4.2	4.2	—	1.1	0.5	0.6
McDuffie	7.9	5.4	5.4	—	2.5	2.0	0.5
McIntosh	11.6	9.6	9.2	0.4	2.1	1.5	0.6
Meriwether	21.1	16.7	16.7	—	4.5	2.3	2.1
Miller	1.2	1.2	1.2	—	0.0	0.0	—
Mitchell	6.6	5.9	5.9	—	0.7	0.6	0.1
Monroe	9.0	7.7	7.7	—	1.3	0.2	1.1
Montgomery	7.4	6.3	6.3	—	1.1	0.5	0.5
Morgan	14.8	10.5	10.5	—	4.3	2.7	1.6
Murray	7.3	6.0	6.0	—	1.3	0.1	1.2
Muscogee	3.1	1.0	1.0	—	2.1	1.0	1.1

continued



**Table 35—Average annual removals of growing stock on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	7.7	5.8	5.8	—	1.9	0.5	1.4
Oconee	4.4	2.7	2.7	—	1.7	0.4	1.3
Oglethorpe	23.0	19.8	19.4	0.4	3.2	1.7	1.5
Paulding	8.9	7.8	7.8	—	1.1	0.1	1.1
Peach	—	—	—	—	—	—	—
Pickens	5.0	2.9	2.9	—	2.1	1.5	0.7
Pierce	12.2	9.9	9.9	—	2.3	1.5	0.8
Pike	3.1	1.2	1.2	—	1.8	0.7	1.2
Polk	13.7	11.4	11.4	—	2.3	0.1	2.2
Pulaski	5.4	3.1	3.1	—	2.3	0.8	1.5
Putnam	10.5	7.5	7.5	—	3.1	1.3	1.7
Quitman	1.2	0.8	0.8	—	0.4	—	0.4
Rabun	1.1	—	—	—	1.1	0.2	0.9
Randolph	8.7	4.9	4.9	—	3.8	2.2	1.6
Richmond	4.8	2.5	2.5	—	2.3	1.9	0.4
Rockdale	4.2	3.0	3.0	—	1.1	0.7	0.4
Schley	5.6	1.8	1.8	—	3.8	1.5	2.4
Screven	24.0	11.9	11.9	—	12.1	7.5	4.6
Seminole	1.3	1.3	1.3	—	—	—	—
Spalding	11.4	10.1	10.1	—	1.3	1.1	0.2
Stephens	5.7	4.6	4.6	—	1.1	0.3	0.8
Stewart	20.7	15.6	15.6	—	5.1	2.1	3.1
Sumter	10.4	6.0	6.0	—	4.4	2.7	1.6
Talbot	15.4	8.4	8.4	—	7.0	3.6	3.4
Taliaferro	7.9	5.8	5.8	—	2.1	1.0	1.1
Tattnall	14.1	8.7	8.7	—	5.4	4.3	1.1
Taylor	7.2	3.6	3.6	—	3.6	1.5	2.1
Telfair	14.8	13.7	13.7	—	1.1	0.5	0.6
Terrell	5.1	2.6	2.6	—	2.5	2.0	0.5
Thomas	9.7	7.4	7.4	—	2.3	1.3	1.0
Tift	4.0	3.7	3.5	0.2	0.3	0.3	—
Toombs	7.2	7.0	7.0	—	0.2	0.2	0.1
Towns	3.4	2.5	2.5	—	0.9	0.9	0.1
Treutlen	5.1	4.6	4.6	—	0.5	0.2	0.3
Troup	8.3	5.9	5.9	0.1	2.4	1.4	1.0
Turner	6.6	6.3	6.3	—	0.2	0.1	0.1
Twiggs	20.3	11.3	11.3	—	9.0	2.7	6.3
Union	8.5	4.1	3.0	1.1	4.5	0.7	3.8
Upson	6.7	4.3	4.3	—	2.5	1.2	1.2
Walker	7.1	5.6	5.6	—	1.5	1.1	0.4
Walton	2.7	1.4	1.4	—	1.2	1.2	0.1
Ware	15.4	14.6	14.6	—	0.8	0.7	0.0
Warren	12.8	9.8	9.8	—	3.0	1.9	1.1
Washington	19.6	10.9	10.9	—	8.7	3.1	5.6
Wayne	23.6	22.1	21.3	0.9	1.4	0.9	0.6
Webster	6.1	4.6	4.6	—	1.4	0.6	0.8
Wheeler	7.1	6.1	6.1	—	1.0	0.4	0.6
White	7.8	2.9	2.9	—	4.9	1.1	3.8
Whitfield	5.5	3.9	3.9	—	1.6	0.7	1.0
Wilcox	6.5	4.1	3.8	0.3	2.4	0.3	2.1
Wilkes	22.5	20.6	20.6	—	1.9	1.0	0.9
Wilkinson	13.5	5.0	5.0	—	8.5	4.1	4.4
Worth	15.8	13.7	13.5	0.3	2.1	1.3	0.8
<b>Total</b>	<b>1,476.7</b>	<b>1,085.8</b>	<b>1,073.0</b>	<b>12.8</b>	<b>390.9</b>	<b>198.1</b>	<b>192.8</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 36—Average annual removals of live trees on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Appling	14.2	10.4	10.2	0.2	3.8	2.2	1.6
Atkinson	9.6	8.5	8.2	0.3	1.1	0.7	0.3
Bacon	9.4	9.3	9.2	0.1	0.1	—	0.1
Baker	2.9	2.6	2.6	—	0.3	0.1	0.2
Baldwin	9.4	8.8	8.8	—	0.6	0.4	0.1
Banks	5.8	1.9	1.8	0.1	3.9	3.0	0.9
Barrow	4.1	2.3	2.3	—	1.8	0.7	1.2
Bartow	17.8	14.3	14.3	—	3.5	1.2	2.3
Ben Hill	11.8	10.7	10.7	—	1.1	0.8	0.2
Berrien	12.9	10.8	10.8	0.0	2.1	1.4	0.7
Bibb	8.3	5.8	5.8	—	2.5	2.1	0.4
Bleckley	3.3	0.1	0.1	—	3.2	1.3	1.9
Brantley	10.9	8.5	8.5	—	2.4	1.2	1.2
Brooks	13.2	8.4	8.4	—	4.8	2.6	2.3
Bryan	12.3	9.5	9.5	—	2.8	0.7	2.1
Bulloch	13.4	6.6	6.5	0.1	6.9	5.5	1.4
Burke	27.1	13.3	11.5	1.9	13.8	7.9	5.9
Butts	6.1	5.2	5.2	—	0.9	0.0	0.9
Calhoun	4.2	1.3	0.7	0.6	2.9	2.2	0.7
Camden	27.5	24.1	23.9	0.2	3.5	1.5	1.9
Candler	8.5	1.9	1.7	0.2	6.7	5.3	1.4
Carroll	11.3	6.2	6.2	—	5.1	1.2	4.0
Catoosa	0.7	0.3	0.3	—	0.4	—	0.4
Charlton	33.6	32.1	31.5	0.6	1.5	1.3	0.2
Chatham	7.6	4.6	4.6	—	3.0	1.7	1.3
Chattahoochee	5.6	3.3	3.3	—	2.4	1.0	1.4
Chattooga	2.8	1.6	1.6	—	1.1	0.2	1.0
Cherokee	10.0	7.9	7.9	—	2.1	1.6	0.5
Clarke	1.0	1.0	1.0	—	—	—	—
Clay	3.3	2.5	2.5	—	0.8	0.2	0.6
Clayton	3.9	2.7	2.7	—	1.1	0.7	0.5
Clinch	22.8	20.8	19.5	1.3	2.0	1.9	0.1
Cobb	11.8	8.6	8.6	—	3.2	2.1	1.1
Coffee	15.5	10.9	10.9	—	4.5	3.5	1.1
Colquitt	12.2	11.3	11.3	—	0.9	0.8	0.1
Columbia	15.1	13.8	13.8	—	1.3	0.9	0.5
Cook	4.0	2.9	2.9	0.1	1.1	0.6	0.6
Coweta	5.5	4.7	4.7	—	0.9	0.9	—
Crawford	10.0	8.1	8.1	—	1.8	1.2	0.6
Crisp	4.7	3.4	3.4	—	1.3	0.2	1.2
Dade	—	—	—	—	—	—	—
Dawson	5.2	4.5	4.5	—	0.7	0.1	0.5
Decatur	13.0	10.4	10.4	—	2.6	0.9	1.7
DeKalb	1.2	1.2	1.2	—	—	—	—
Dodge	17.6	13.6	13.6	—	3.9	2.8	1.1
Dooly	5.3	2.2	2.2	—	3.1	1.4	1.7
Dougherty	5.9	5.0	5.0	—	0.9	0.1	0.8
Douglas	3.6	3.4	3.4	—	0.2	0.1	0.1
Early	9.0	6.2	6.2	—	2.8	1.6	1.2
Echols	16.8	15.4	15.3	0.2	1.4	0.9	0.5
Effingham	18.1	11.3	11.1	0.2	6.8	1.7	5.1
Elbert	7.0	2.9	2.7	0.2	4.0	2.8	1.3
Emanuel	16.2	12.2	12.2	—	4.0	3.5	0.5

continued

**Table 36—Average annual removals of live trees on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Evans	0.2	0.1	0.1	—	0.1	0.1	—
Fannin	6.7	0.6	0.6	0.1	6.1	1.4	4.7
Fayette	3.9	3.1	3.1	—	0.7	0.6	0.2
Floyd	5.9	5.1	5.1	—	0.8	0.2	0.6
Forsyth	6.1	2.5	2.5	—	3.6	1.4	2.2
Franklin	4.7	3.1	3.1	—	1.6	—	1.6
Fulton	15.7	11.6	11.6	—	4.1	1.3	2.8
Gilmer	4.9	2.5	1.8	0.7	2.4	0.8	1.6
Glascocock	4.8	2.0	2.0	—	2.7	0.9	1.8
Glynn	13.3	9.8	9.8	—	3.5	2.4	1.1
Gordon	6.0	4.4	4.4	—	1.6	0.6	1.1
Grady	7.7	5.0	5.0	—	2.7	1.0	1.7
Greene	26.3	23.8	23.8	—	2.5	1.9	0.6
Gwinnett	13.5	7.9	7.9	—	5.6	2.7	2.9
Habersham	5.5	3.0	3.0	—	2.5	0.7	1.9
Hall	1.3	0.7	0.7	—	0.7	0.4	0.3
Hancock	25.1	21.4	21.4	—	3.7	1.4	2.3
Haralson	19.1	9.7	9.7	—	9.3	4.4	5.0
Harris	10.5	7.9	7.9	—	2.5	1.9	0.6
Hart	0.3	—	—	—	0.3	0.1	0.2
Heard	10.7	6.8	6.8	—	3.9	2.7	1.2
Henry	8.3	5.2	5.2	—	3.2	1.4	1.8
Houston	2.6	2.2	2.2	—	0.4	0.1	0.2
Irwin	4.1	3.9	3.8	0.1	0.2	0.1	0.1
Jackson	8.0	7.4	7.4	—	0.7	—	0.7
Jasper	9.4	6.3	6.3	—	3.1	1.2	1.9
Jeff Davis	7.2	6.5	6.5	—	0.7	0.1	0.6
Jefferson	10.5	4.2	4.2	—	6.3	2.0	4.3
Jenkins	17.8	5.1	4.0	1.0	12.7	7.6	5.2
Johnson	6.8	5.3	5.3	—	1.5	0.8	0.6
Jones	17.0	15.1	15.1	—	2.0	1.1	0.8
Lamar	3.7	2.0	2.0	—	1.8	0.3	1.4
Lanier	5.0	4.9	4.8	0.0	0.1	—	0.1
Laurens	18.8	12.2	12.0	0.1	6.7	4.3	2.3
Lee	4.3	1.9	1.9	—	2.4	0.8	1.5
Liberty	13.2	11.9	11.9	—	1.3	1.0	0.3
Lincoln	7.8	6.9	6.9	—	0.9	0.4	0.5
Long	12.3	11.0	10.6	0.5	1.2	0.5	0.7
Lowndes	12.3	6.0	5.4	0.6	6.3	4.7	1.6
Lumpkin	4.6	2.2	2.1	0.1	2.4	0.3	2.1
Macon	5.8	1.8	1.8	—	4.0	1.1	3.0
Madison	2.1	1.7	1.5	0.2	0.4	0.2	0.2
Marion	5.9	4.2	4.2	—	1.7	0.5	1.2
McDuffie	8.6	5.5	5.5	—	3.0	2.3	0.8
McIntosh	11.9	9.7	9.2	0.5	2.2	1.6	0.6
Meriwether	21.7	16.9	16.9	—	4.8	2.6	2.2
Miller	1.3	1.2	1.2	—	0.0	0.0	—
Mitchell	6.9	5.9	5.9	—	1.0	0.7	0.3
Monroe	9.1	7.7	7.7	—	1.4	0.3	1.1
Montgomery	7.4	6.3	6.3	—	1.1	0.6	0.5
Morgan	15.2	10.5	10.5	—	4.7	3.0	1.7
Murray	7.5	6.0	6.0	—	1.5	0.2	1.3
Muscogee	3.1	1.0	1.0	—	2.2	1.0	1.1

continued

**Table 36—Average annual removals of live trees on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
Newton	8.1	5.8	5.8	—	2.3	0.8	1.5
Oconee	4.4	2.7	2.7	—	1.7	0.4	1.3
Oglethorpe	24.0	20.6	20.2	0.4	3.4	1.9	1.5
Paulding	9.1	7.9	7.9	—	1.2	0.1	1.1
Peach	—	—	—	—	—	—	—
Pickens	5.8	3.1	3.1	—	2.7	1.6	1.1
Pierce	12.7	9.9	9.9	—	2.9	1.7	1.2
Pike	3.1	1.2	1.2	—	1.8	0.7	1.2
Polk	14.0	11.5	11.5	—	2.5	0.1	2.4
Pulaski	5.5	3.1	3.1	—	2.4	0.9	1.5
Putnam	10.7	7.5	7.5	—	3.2	1.3	1.9
Quitman	1.6	1.1	1.1	—	0.5	—	0.5
Rabun	1.1	—	—	—	1.1	0.2	0.9
Randolph	9.1	4.9	4.9	—	4.2	2.5	1.7
Richmond	5.3	2.5	2.5	—	2.7	2.2	0.6
Rockdale	4.2	3.0	3.0	—	1.1	0.7	0.4
Schley	6.0	1.8	1.8	—	4.3	1.6	2.7
Screven	24.9	12.0	12.0	—	13.0	8.0	5.0
Seminole	1.5	1.3	1.3	—	0.2	—	0.2
Spalding	12.1	10.8	10.8	—	1.4	1.2	0.2
Stephens	5.8	4.6	4.6	—	1.2	0.3	0.9
Stewart	21.0	15.7	15.7	—	5.3	2.1	3.2
Sumter	10.6	6.0	6.0	—	4.6	2.9	1.6
Talbot	15.9	8.4	8.4	—	7.5	3.9	3.6
Taliaferro	8.1	5.8	5.8	—	2.3	1.0	1.4
Tattnall	14.6	8.7	8.7	—	5.8	4.4	1.4
Taylor	8.6	3.6	3.6	—	5.1	1.8	3.2
Telfair	15.6	13.7	13.7	—	1.9	1.1	0.8
Terrell	5.6	2.6	2.6	—	3.0	2.3	0.7
Thomas	10.1	7.5	7.5	—	2.7	1.4	1.3
Tift	4.2	3.7	3.5	0.2	0.4	0.4	0.1
Toombs	7.4	7.0	7.0	—	0.4	0.2	0.2
Towns	3.7	2.5	2.5	—	1.2	0.9	0.3
Treutlen	5.1	4.6	4.6	—	0.5	0.2	0.3
Troup	8.5	5.9	5.9	0.1	2.5	1.5	1.0
Turner	6.6	6.3	6.3	—	0.2	0.1	0.1
Twiggs	20.8	11.3	11.3	—	9.5	3.0	6.5
Union	8.7	4.1	3.0	1.1	4.7	0.9	3.8
Upson	6.7	4.3	4.3	—	2.5	1.2	1.2
Walker	7.1	5.6	5.6	—	1.5	1.1	0.4
Walton	2.7	1.4	1.4	—	1.3	1.2	0.1
Ware	15.7	14.6	14.6	—	1.1	0.9	0.2
Warren	13.4	10.2	10.2	—	3.3	2.1	1.2
Washington	20.2	11.2	11.2	—	8.9	3.1	5.8
Wayne	23.8	22.1	21.3	0.9	1.6	1.0	0.7
Webster	6.4	4.6	4.6	—	1.7	0.6	1.1
Wheeler	7.4	6.1	6.1	—	1.3	0.6	0.7
White	9.1	2.9	2.9	—	6.2	1.3	4.9
Whitfield	5.5	3.9	3.9	—	1.6	0.7	1.0
Wilcox	6.8	4.1	3.8	0.3	2.7	0.3	2.4
Wilkes	22.8	20.6	20.6	—	2.3	1.1	1.2
Wilkinson	14.2	5.2	5.2	—	9.0	4.3	4.7
Worth	16.0	13.8	13.5	0.3	2.2	1.3	0.8
<b>Total</b>	<b>1,527.3</b>	<b>1,092.7</b>	<b>1,079.3</b>	<b>13.3</b>	<b>434.6</b>	<b>219.1</b>	<b>215.5</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 37—Average annual removals of sawtimber on timberland by county and species group, Georgia, 1989-1996**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Appling	45.5	38.1	37.1	1.0	7.4	3.2	4.2
Atkinson	17.5	17.1	15.7	1.4	0.5	0.2	0.2
Bacon	17.6	17.6	17.6	—	—	—	—
Baker	14.0	13.2	13.2	—	0.8	0.2	0.6
Baldwin	35.7	35.1	35.1	—	0.6	0.6	—
Banks	14.7	6.8	6.8	—	8.0	7.8	0.2
Barrow	16.2	9.4	9.4	—	6.8	1.7	5.2
Bartow	56.7	47.1	47.1	—	9.6	2.7	6.9
Ben Hill	33.5	30.3	30.3	—	3.3	2.9	0.4
Berrien	48.7	45.5	45.5	—	3.2	1.7	1.5
Bibb	42.8	32.6	32.6	—	10.2	8.5	1.7
Bleckley	9.2	0.9	0.9	—	8.3	2.4	6.0
Brantley	24.5	20.4	20.4	—	4.1	0.9	3.2
Brooks	50.1	37.2	37.2	—	12.9	7.9	5.0
Bryan	50.1	43.9	43.9	—	6.2	0.8	5.4
Bulloch	47.2	28.5	28.1	0.4	18.7	17.0	1.7
Burke	111.1	65.5	55.7	9.8	45.6	26.4	19.2
Butts	24.9	24.4	24.4	—	0.5	—	0.5
Calhoun	15.1	7.2	4.2	3.0	7.9	5.7	2.2
Camden	74.2	67.2	66.2	1.0	7.0	3.6	3.5
Candler	24.5	8.5	7.7	0.8	16.0	11.5	4.5
Carroll	37.7	20.8	20.8	—	17.0	2.4	14.6
Catoosa	1.8	0.5	0.5	—	1.2	—	1.2
Charlton	74.2	72.1	70.7	1.4	2.1	1.3	0.8
Chatham	24.3	21.2	21.2	—	3.1	1.9	1.2
Chattahoochee	15.4	12.1	12.1	—	3.3	2.4	0.9
Chattooga	5.6	4.0	4.0	—	1.6	—	1.6
Cherokee	37.2	31.7	31.7	—	5.5	4.5	0.9
Clarke	2.4	2.4	2.4	—	—	—	—
Clay	9.5	8.2	8.2	—	1.3	—	1.3
Clayton	15.6	13.5	13.5	—	2.0	0.5	1.5
Clinch	47.8	42.5	37.8	4.7	5.4	5.4	—
Cobb	51.4	41.0	41.0	—	10.4	8.0	2.4
Coffee	54.7	45.6	45.6	—	9.0	7.7	1.4
Colquitt	47.6	46.6	46.6	—	1.0	1.0	—
Columbia	65.0	63.6	63.6	—	1.4	1.4	—
Cook	18.6	17.0	16.8	0.2	1.6	0.8	0.8
Coweta	15.3	13.9	13.9	—	1.4	1.4	—
Crawford	11.8	10.1	10.1	—	1.7	0.8	0.9
Crisp	20.5	15.3	15.3	—	5.3	0.7	4.6
Dade	—	—	—	—	—	—	—
Dawson	16.2	15.7	15.7	—	0.5	—	0.5
Decatur	57.5	48.9	48.9	—	8.6	3.0	5.5
DeKalb	4.3	4.3	4.3	—	—	—	—
Dodge	62.3	56.1	56.1	—	6.2	4.2	2.0
Dooly	20.7	12.0	12.0	—	8.7	3.8	4.9
Dougherty	26.3	25.4	25.4	—	0.9	—	0.9
Douglas	15.0	14.3	14.3	—	0.8	0.8	—
Early	26.2	17.7	17.7	—	8.5	6.0	2.5
Echols	30.3	27.5	26.9	0.6	2.8	2.0	0.8
Effingham	69.7	49.2	48.9	0.3	20.5	5.9	14.6
Elbert	23.4	7.4	7.4	—	16.0	11.5	4.5
Emanuel	54.0	44.9	44.9	—	9.1	8.4	0.8

continued

**Table 37—Average annual removals of sawtimber on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Evans	0.3	—	—	—	0.3	0.3	—
Fannin	18.3	3.0	2.5	0.4	15.4	3.4	12.0
Fayette	12.6	11.7	11.7	—	1.0	—	1.0
Floyd	20.1	19.6	19.6	—	0.5	—	0.5
Forsyth	18.1	8.8	8.8	—	9.4	3.9	5.4
Franklin	19.6	14.0	14.0	—	5.6	—	5.6
Fulton	65.6	52.4	52.4	—	13.2	4.6	8.6
Gilmer	14.4	8.6	4.9	3.8	5.8	0.8	5.0
Glascok	13.6	7.1	7.1	—	6.5	2.1	4.3
Glynn	46.2	39.5	39.5	—	6.6	4.0	2.6
Gordon	17.4	13.9	13.9	—	3.5	1.3	2.2
Grady	29.8	21.4	21.4	—	8.4	3.7	4.7
Greene	101.4	97.2	97.2	—	4.3	2.6	1.7
Gwinnett	52.1	30.1	30.1	—	22.0	9.7	12.4
Habersham	18.8	12.8	12.8	—	6.1	1.6	4.4
Hall	4.2	3.1	3.1	—	1.1	1.1	—
Hancock	94.2	88.2	88.2	—	6.0	1.8	4.2
Haralson	61.2	33.9	33.9	—	27.3	12.8	14.5
Harris	33.0	28.6	28.6	—	4.4	3.8	0.6
Hart	—	—	—	—	—	—	—
Heard	35.3	26.3	26.3	—	9.0	7.7	1.2
Henry	32.5	24.9	24.9	—	7.6	3.4	4.2
Houston	11.5	10.9	10.9	—	0.7	—	0.7
Irwin	15.5	15.2	14.9	0.4	0.3	—	0.3
Jackson	37.9	35.5	35.5	—	2.4	—	2.4
Jasper	38.6	31.2	31.2	—	7.4	2.4	5.1
Jeff Davis	27.6	25.7	25.7	—	1.9	—	1.9
Jefferson	38.8	22.3	22.3	—	16.5	4.5	12.0
Jenkins	69.9	25.1	19.0	6.1	44.8	24.7	20.0
Johnson	22.0	16.6	16.6	—	5.4	3.1	2.3
Jones	60.5	54.5	54.5	—	6.0	3.4	2.6
Lamar	11.6	8.5	8.5	—	3.1	1.7	1.4
Lanier	14.0	13.7	13.7	—	0.3	—	0.3
Laurens	64.3	48.1	47.5	0.6	16.2	9.9	6.2
Lee	17.9	10.3	10.3	—	7.5	2.3	5.2
Liberty	41.1	38.4	38.4	—	2.7	1.7	1.0
Lincoln	35.1	34.1	34.1	—	1.0	0.4	0.6
Long	34.8	33.7	32.5	1.2	1.0	—	1.0
Lowndes	45.2	27.1	24.1	3.0	18.2	12.3	5.8
Lumpkin	14.1	8.2	8.2	—	5.9	—	5.9
Macon	22.7	8.0	8.0	—	14.7	3.5	11.2
Madison	5.9	5.9	5.9	—	—	—	—
Marion	17.7	16.4	16.4	—	1.3	1.3	—
McDuffie	30.8	20.7	20.7	—	10.1	9.0	1.2
McIntosh	28.4	23.8	22.1	1.7	4.6	2.8	1.7
Meriwether	75.8	63.1	63.1	—	12.6	7.5	5.1
Miller	5.4	5.2	5.2	—	0.2	0.2	—
Mitchell	34.1	31.3	31.3	—	2.8	2.8	—
Monroe	28.2	26.9	26.9	—	1.2	—	1.2
Montgomery	27.0	24.5	24.5	—	2.5	1.5	1.0
Morgan	67.9	50.7	50.7	—	17.2	10.1	7.1
Murray	25.3	23.7	23.7	—	1.6	—	1.6
Muscogee	8.7	3.2	3.2	—	5.4	3.1	2.4

continued

**Table 37—Average annual removals of sawtimber on timberland by county and species group, Georgia, 1989-1996—Continued**

County	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million board feet</i>							
Newton	30.7	24.7	24.7	—	6.1	1.9	4.2
Oconee	16.6	11.1	11.1	—	5.5	1.8	3.7
Oglethorpe	91.5	82.3	80.6	1.7	9.2	2.8	6.4
Paulding	25.0	20.7	20.7	—	4.3	—	4.3
Peach	—	—	—	—	—	—	—
Pickens	18.7	11.3	11.3	—	7.4	4.8	2.6
Pierce	41.3	33.6	33.6	—	7.8	5.5	2.3
Pike	12.3	4.2	4.2	—	8.0	3.0	5.0
Polk	31.9	29.0	29.0	—	2.9	—	2.9
Pulaski	16.6	10.0	10.0	—	6.6	1.6	5.0
Putnam	45.6	37.6	37.6	—	8.0	3.2	4.8
Quitman	1.1	0.4	0.4	—	0.6	—	0.6
Rabun	4.6	—	—	—	4.6	0.8	3.9
Randolph	36.5	22.8	22.8	—	13.7	8.3	5.4
Richmond	20.5	15.1	15.1	—	5.4	4.2	1.2
Rockdale	15.8	13.1	13.1	—	2.7	2.7	—
Schley	20.4	8.8	8.8	—	11.6	3.3	8.4
Screven	101.9	58.9	58.9	—	43.0	28.1	14.9
Seminole	6.9	6.9	6.9	—	—	—	—
Spalding	52.4	51.3	51.3	—	1.2	0.5	0.7
Stephens	18.6	16.3	16.3	—	2.3	1.1	1.2
Stewart	65.5	50.4	50.4	—	15.1	6.9	8.3
Sumter	36.8	23.8	23.8	—	13.0	7.5	5.5
Talbot	50.0	23.6	23.6	—	26.4	15.2	11.2
Taliaferro	35.7	26.4	26.4	—	9.3	4.0	5.2
Tattnall	47.7	29.7	29.7	—	18.0	15.9	2.0
Taylor	28.2	13.9	13.9	—	14.3	6.5	7.8
Telfair	62.0	60.2	60.2	—	1.8	0.7	1.1
Terrell	20.9	13.4	13.4	—	7.5	5.9	1.6
Thomas	51.1	42.4	42.4	—	8.7	5.7	3.0
Tift	15.4	15.4	14.9	0.5	—	—	—
Toombs	25.4	24.6	24.6	—	0.8	0.8	—
Towns	11.1	7.5	7.5	—	3.6	3.6	—
Treutlen	17.7	16.1	16.1	—	1.6	0.7	1.0
Troup	31.8	24.3	24.3	—	7.4	5.8	1.6
Turner	17.6	17.6	17.6	—	—	—	—
Twiggs	62.6	35.8	35.8	—	26.9	8.1	18.8
Union	32.2	15.9	10.7	5.2	16.3	0.6	15.7
Upton	15.7	11.0	11.0	—	4.7	1.7	3.0
Walker	30.7	24.1	24.1	—	6.5	5.1	1.4
Walton	10.3	7.1	7.1	—	3.2	3.2	—
Ware	35.3	34.1	34.1	—	1.2	1.2	—
Warren	50.8	42.2	42.2	—	8.6	5.4	3.2
Washington	65.1	44.5	44.5	—	20.6	5.0	15.6
Wayne	46.3	43.6	40.5	3.1	2.7	1.5	1.2
Webster	26.0	22.4	22.4	—	3.6	0.7	2.9
Wheeler	21.8	20.4	20.4	—	1.5	0.6	0.9
White	22.9	5.8	5.8	—	17.1	3.6	13.5
Whitfield	16.7	14.1	14.1	—	2.7	—	2.7
Wilcox	27.9	19.3	17.4	1.8	8.6	1.0	7.6
Wilkes	85.5	82.4	82.4	—	3.1	1.3	1.8
Wilkinson	52.1	22.6	22.6	—	29.5	14.0	15.5
Worth	55.0	48.6	47.1	1.6	6.4	4.9	1.5
<b>Total</b>	<b>5,205.8</b>	<b>4,050.6</b>	<b>3,994.8</b>	<b>55.8</b>	<b>1,155.2</b>	<b>578.9</b>	<b>576.3</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 38—Average net annual growth and average annual removals of live trees, growing stock, and sawtimber on timberland by species, Georgia, 1989-1996**

Species	Live trees		Growing stock		Sawtimber	
	Net annual growth	Annual removals	Net annual growth	Annual removals	Net annual growth	Annual removals
	<i>Million cubic feet</i>				<i>Million board feet</i>	
<b>Softwood</b>						
Longleaf pine	27.6	51.8	27.2	51.8	164.3	246.2
Slash pine	316.8	338.4	316.1	338.0	980.7	981.0
Shortleaf pine	19.1	83.2	19.2	82.9	137.4	293.5
Loblolly pine	619.8	565.8	617.3	560.5	2,011.6	2,340.4
Pond pine	4.4	9.9	4.3	9.9	28.2	43.6
Virginia pine	14.4	27.3	14.4	27.1	80.4	82.1
Pitch pine	-0.2	0.1	-0.2	0.1	0.8	0.8
Table Mountain pine	-0.4	—	-0.4	—	-0.8	—
Spruce pine	1.8	1.2	1.8	1.2	11.3	7.3
Sand pine	3.5	1.4	3.5	1.4	2.6	—
Eastern white pine	9.1	1.6	9.1	1.6	50.7	7.9
Eastern hemlock	2.3	0.3	2.0	0.3	10.2	1.5
Baldcypress	5.5	4.0	5.3	4.0	32.5	22.0
Pondcypress	9.2	6.3	9.1	6.1	43.2	22.0
Redcedars	1.3	1.1	1.4	0.8	4.3	2.4
Total softwoods	1,034.0	1,092.7	1,030.2	1,085.8	3,557.3	4,050.6
<b>Hardwood</b>						
Select white oaks	47.7	25.7	47.5	25.1	197.6	70.7
Select red oaks	12.3	9.5	12.5	9.4	60.5	32.7
Other white oaks	32.5	18.3	29.8	15.7	125.1	44.8
Other red oaks	148.6	118.7	146.3	111.1	574.9	337.6
Hickory	24.5	21.9	24.1	21.3	85.1	60.1
Hard maple	0.3	0.1	0.7	0.1	1.9	0.3
Soft maple	34.2	26.1	32.8	19.9	82.2	40.0
Beech	3.1	0.6	2.9	0.5	9.1	1.7
Sweetgum	80.0	71.3	78.7	67.8	246.7	167.7
Tupelo and blackgum	41.5	49.2	40.3	43.8	135.8	118.8
Ash	2.1	6.7	2.5	6.3	17.7	22.9
Cottonwood	-0.1	0.1	-0.1	0.1	-0.1	—
Basswood	0.3	0.1	0.6	0.1	1.6	—
Yellow-poplar	79.2	50.8	78.0	48.6	403.4	206.7
Bay and magnolia	10.8	9.9	10.6	8.0	25.6	23.2
Black cherry	6.3	3.7	5.1	3.0	5.2	2.8
Black walnut	0.3	—	0.3	—	0.5	—
Sycamore	1.8	1.6	1.8	1.5	14.1	7.7
Black locust	-0.2	0.3	0.2	0.2	-0.2	—
Elm	8.2	5.4	7.1	4.9	13.9	11.6
Other Eastern hardwoods	13.0	14.6	1.0	3.5	4.8	5.9
Total hardwoods	546.6	434.6	522.6	390.9	2,005.2	1,155.2
<b>All species</b>	<b>1,580.6</b>	<b>1,527.3</b>	<b>1,552.8</b>	<b>1,476.7</b>	<b>5,562.5</b>	<b>5,205.8</b>

Numbers in columns may not sum to totals due to rounding.

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.



**Table 39—Average annual removals of growing stock on timberland by species and diameter class, Georgia, 1989-1996**

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
<i>Million cubic feet</i>											
<b>Softwood</b>											
Longleaf pine	51.8	1.4	4.8	9.0	10.9	11.9	8.1	3.1	1.6	1.0	—
Slash pine	338.0	45.0	90.0	76.9	57.9	33.2	16.1	9.4	5.1	4.3	0.1
Shortleaf pine	82.9	6.5	16.7	18.4	17.2	13.3	7.6	2.4	0.7	0.2	—
Loblolly pine	560.5	41.5	79.5	100.9	100.9	83.5	66.3	40.9	25.2	20.8	1.0
Pond pine	9.9	0.6	0.9	2.1	2.0	1.6	1.3	0.5	0.2	0.7	—
Virginia pine	27.1	2.7	5.4	8.9	4.9	3.2	1.4	0.5	0.1	—	—
Pitch pine	0.1	—	—	—	—	—	0.1	—	—	—	—
Spruce pine	1.2	—	—	0.1	—	—	0.3	0.5	—	0.3	—
Sand pine	1.4	0.6	0.8	—	—	—	—	—	—	—	—
Eastern white pine	1.6	—	0.2	0.2	0.4	0.3	—	—	—	0.4	0.2
Eastern hemlock	0.3	—	—	—	0.1	—	0.2	—	—	—	—
Baldcypress	4.0	—	—	0.3	0.1	0.2	0.8	0.4	0.1	1.3	0.8
Pondcypress	6.1	0.6	0.5	1.0	1.3	1.0	1.0	0.3	0.1	0.3	—
Redcedars	0.8	0.1	0.3	—	0.1	—	0.1	0.2	—	—	—
<b>Total softwoods</b>	<b>1,085.8</b>	<b>99.0</b>	<b>199.1</b>	<b>217.7</b>	<b>195.8</b>	<b>148.2</b>	<b>103.3</b>	<b>58.2</b>	<b>33.1</b>	<b>29.3</b>	<b>2.0</b>
<b>Hardwood</b>											
Select white oaks	25.1	2.4	2.5	4.6	3.1	3.3	2.8	3.4	0.8	1.9	0.2
Select red oaks	9.4	0.5	0.7	0.8	1.4	1.6	1.0	1.0	0.6	1.8	—
Other white oaks	15.7	1.3	2.4	2.3	1.7	1.6	1.1	1.4	1.8	1.7	0.4
Other red oaks	111.1	9.2	14.6	16.5	15.4	14.6	12.5	9.6	6.6	10.1	1.9
Hickory	21.3	1.9	2.7	3.1	3.1	5.4	1.8	1.6	0.6	1.1	—
Hard maple	0.1	—	—	—	0.1	—	—	—	—	—	—
Soft maple	19.9	3.7	2.8	3.8	2.1	2.2	1.5	1.9	0.9	0.6	0.3
Beech	0.5	—	—	0.1	0.1	0.1	—	0.1	0.1	—	—
Sweetgum	67.8	9.5	10.0	12.0	11.4	8.7	7.2	3.5	3.3	2.2	—
Tupelo and blackgum	43.8	4.4	5.2	6.0	8.6	6.3	4.6	3.6	2.1	2.8	0.2
Ash	6.3	0.3	0.4	0.8	0.5	1.0	0.5	0.8	0.4	1.2	0.4
Cottonwood	0.1	—	0.1	—	—	—	—	—	—	—	—
Basswood	0.1	—	—	0.1	—	—	—	—	—	—	—
Yellow-poplar	48.6	3.0	3.1	3.3	5.9	5.9	6.6	5.8	5.1	9.1	0.8
Bay and magnolia	8.0	1.1	0.4	1.1	1.3	1.3	1.1	0.6	0.6	0.5	—
Black cherry	3.0	0.8	0.6	0.9	0.2	0.4	0.1	—	—	—	—
Sycamore	1.5	—	—	—	0.1	0.1	—	0.3	0.1	0.8	0.1
Black locust	0.2	0.1	—	0.1	—	—	—	—	—	—	—
Elm	4.9	0.7	0.7	0.7	0.8	0.7	0.8	0.2	—	0.3	—
Other Eastern hardwoods	3.5	0.6	0.7	0.7	0.5	0.2	0.7	—	0.2	—	—
<b>Total hardwoods</b>	<b>390.9</b>	<b>39.4</b>	<b>47.0</b>	<b>56.8</b>	<b>56.4</b>	<b>53.4</b>	<b>42.4</b>	<b>33.8</b>	<b>23.1</b>	<b>34.2</b>	<b>4.3</b>
<b>All species</b>	<b>1,476.7</b>	<b>138.4</b>	<b>246.1</b>	<b>274.5</b>	<b>252.2</b>	<b>201.5</b>	<b>145.7</b>	<b>92.1</b>	<b>56.3</b>	<b>63.6</b>	<b>6.3</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 40—Average annual mortality of live trees, growing stock, and sawtimber on timberland by species, Georgia, 1989-1996**

Species	Live trees	Growing stock	Sawtimber
	<i>Million cubic feet</i>		<i>Million board feet</i>
<b>Softwood</b>			
Longleaf pine	2.5	2.5	11.6
Slash pine	23.5	23.4	65.1
Shortleaf pine	32.4	31.9	97.0
Loblolly pine	77.8	73.9	278.5
Pond pine	1.9	1.9	8.1
Virginia pine	18.5	18.0	58.1
Pitch pine	1.4	1.4	6.0
Table Mountain pine	0.6	0.6	1.7
Spruce pine	0.8	0.8	4.4
Eastern white pine	2.9	2.9	14.0
Baldcypress	0.5	0.5	1.4
Pondcypress	2.2	2.1	5.5
Redcedars	0.6	0.3	0.3
Total softwoods	165.7	160.1	551.7
<b>Hardwood</b>			
Select white oaks	6.8	5.8	21.0
Select red oaks	5.7	5.2	19.4
Other white oaks	6.1	4.5	14.5
Other red oaks	52.6	44.0	158.0
Hickory	8.2	7.4	27.2
Hard maple	1.0	0.5	0.5
Soft maple	21.5	12.0	33.5
Beech	0.1	—	—
Sweetgum	19.8	16.8	44.8
Tupelo and blackgum	18.1	11.9	28.7
Ash	8.5	6.8	22.1
Cottonwood	0.7	0.6	3.3
Basswood	0.5	0.2	0.4
Yellow-poplar	12.1	11.4	37.9
Bay and magnolia	5.3	2.9	6.2
Black cherry	1.8	1.2	1.1
Black walnut	0.1	0.1	—
Sycamore	1.1	1.1	1.9
Black locust	0.7	0.2	0.5
Elm	4.6	4.2	12.1
Other Eastern hardwoods	18.3	5.0	14.5
Total hardwoods	193.7	141.8	447.4
<b>All species</b>	359.3	301.8	999.2

Numbers in columns may not sum to totals due to rounding.

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

**Table 41—Average net annual growth and average annual removals of growing stock on timberland by ownership class and species group, Georgia, 1989-1996**

Ownership class	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<b>Average net annual growth (million cubic feet)</b>							
National forest	37.7	18.5	13.0	5.5	19.2	7.5	11.7
Other public	66.6	40.4	39.3	1.1	26.2	12.0	14.2
Forest industry	385.2	330.9	327.3	3.6	54.3	27.4	26.9
Forest industry-leased	44.6	37.2	36.8	0.4	7.4	5.1	2.3
Nonindustrial private	1,018.7	603.2	586.8	16.4	415.5	203.1	212.4
All classes	1,552.8	1,030.2	1,003.2	27.0	522.6	255.0	267.6
<b>Average annual removals (million cubic feet)</b>							
National forest	27.1	10.2	8.9	1.3	16.9	2.9	14.0
Other public	46.9	32.3	32.2	0.1	14.6	6.3	8.3
Forest industry	358.8	302.7	297.7	5.0	56.1	30.3	25.8
Forest industry-leased	44.0	40.0	39.6	0.4	4.0	3.5	0.5
Nonindustrial private	999.9	700.6	694.6	6.0	299.3	155.0	144.2
All classes	1,476.7	1,085.8	1,073.0	12.8	390.9	198.1	192.8

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

**Table 42—Average net annual growth and average annual removals of live trees on timberland by ownership class and species group, Georgia, 1989-1996**

Ownership class	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<b>Average net annual growth (million cubic feet)</b>							
National forest	37.9	18.5	12.7	5.8	19.4	7.7	11.7
Other public	68.2	40.5	39.4	1.1	27.7	12.4	15.3
Forest industry	389.6	332.2	328.4	3.8	57.5	29.1	28.3
Forest industry-leased	44.5	37.4	37.0	0.4	7.1	5.1	2.0
Nonindustrial private	1,040.3	605.5	589.2	16.3	434.9	207.9	226.9
All classes	1,580.6	1,034.0	1,006.6	27.4	546.6	262.3	284.3
<b>Average annual removals (million cubic feet)</b>							
National forest	29.7	10.2	8.9	1.3	19.4	3.4	16.0
Other public	48.8	32.3	32.2	0.1	16.5	7.0	9.6
Forest industry	367.2	304.2	298.8	5.4	63.0	33.5	29.5
Forest industry-leased	44.7	40.3	39.9	0.4	4.4	3.7	0.7
Nonindustrial private	1,036.9	705.6	699.5	6.1	331.2	171.5	159.7
All classes	1,527.3	1,092.7	1,079.3	13.3	434.6	219.1	215.5

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

**Table 43—Average net annual growth and average annual removals of sawtimber on timberland by ownership class and species group, Georgia, 1989-1996**

Ownership class	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<b>Average net annual growth (million board feet)</b>							
National forest	152.1	72.9	45.1	27.9	79.1	26.7	52.4
Other public	307.8	201.4	196.4	5.0	106.4	44.3	62.1
Forest industry	1,012.8	829.9	811.6	18.3	182.8	77.9	105.0
Forest industry-leased	107.2	88.6	87.1	1.5	18.6	12.5	6.0
Nonindustrial private	3,982.7	2,364.5	2,276.3	88.2	1,618.3	767.1	851.1
All classes	5,562.5	3,557.3	3,416.4	140.9	2,005.2	928.6	1,076.6
<b>Average annual removals (million cubic feet)</b>							
National forest	99.2	41.9	36.2	5.6	57.3	7.9	49.5
Other public	184.4	138.3	137.8	0.5	46.1	18.2	27.9
Forest industry	1,026.5	871.9	849.9	22.0	154.6	83.9	70.7
Forest industry-leased	102.6	94.0	92.3	1.7	8.5	7.6	0.9
Nonindustrial private	3,793.1	2,904.5	2,878.6	26.0	888.6	461.3	427.3
All classes	5,205.8	4,050.6	3,994.8	55.8	1,155.2	578.9	576.3

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

**Table 44—Average net annual growth of growing stock on timberland by forest-type group, stand origin, and species group, Georgia, 1989-1996**

Forest-type group and stand origin <sup>a</sup>	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
<b>Softwood types</b>							
White-red-jack pine							
Planted	—	—	—	—	—	—	—
Natural	5.2	4.0	0.2	3.8	1.2	0.8	0.4
Total	5.2	4.0	0.2	3.8	1.2	0.8	0.4
Longleaf-slash pine							
Planted	210.9	206.5	206.5	0.0	4.4	2.1	2.3
Natural	118.5	107.7	107.7	0.1	10.8	4.6	6.2
Total	329.4	314.3	314.2	0.1	15.1	6.6	8.5
Loblolly-shortleaf pine							
Planted	353.9	342.8	342.7	0.1	11.1	7.2	3.9
Natural	285.8	230.1	228.4	1.6	55.7	32.4	23.3
Total	639.7	572.9	571.2	1.8	66.8	39.6	27.2
Total softwoods	974.3	891.2	885.5	5.7	83.1	47.0	36.1
<b>Hardwood types</b>							
Oak-pine							
Planted	11.9	9.9	9.8	0.0	2.0	1.0	1.0
Natural	131.3	67.7	63.6	4.1	63.7	25.7	37.9
Total	143.3	77.6	73.4	4.1	65.7	26.7	39.0
Oak-hickory	251.4	28.1	24.6	3.5	223.2	75.0	148.2
Oak-gum-cypress	176.1	32.8	19.2	13.6	143.3	99.8	43.5
Elm-ash-cottonwood	7.8	0.6	0.4	0.1	7.3	6.5	0.7
Total hardwoods	578.5	139.0	117.7	21.3	439.5	208.0	231.5
<b>Nonstocked</b>							
	—	—	—	—	—	—	—
<b>All groups</b>	1,552.8	1,030.2	1,003.2	27.0	522.6	255.0	267.6

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Classifications at the beginning of the remeasurement period.

**Table 45—Average annual removals of growing stock on timberland by forest-type group, stand origin, and species group, Georgia, 1989-1996**

Forest-type group and stand origin <sup>a</sup>	All species	Softwoods			Hardwoods		
		All softwood	Yellow pine	Other softwood	All hardwood	Soft hardwood	Hard hardwood
<i>Million cubic feet</i>							
<b>Softwood types</b>							
White-red-jack pine							
Planted	—	—	—	—	—	—	—
Natural	1.1	0.7	—	0.7	0.4	—	0.4
Total	1.1	0.7	—	0.7	0.4	—	0.4
Longleaf-slash pine							
Planted	188.7	185.5	185.5	0.0	3.2	1.6	1.6
Natural	191.8	182.2	181.5	0.7	9.6	5.4	4.2
Total	380.5	367.7	366.9	0.8	12.8	6.9	5.8
Loblolly-shortleaf pine							
Planted	143.1	141.2	141.2	—	1.9	1.0	1.0
Natural	473.3	432.9	432.9	—	40.4	22.6	17.8
Total	616.4	574.1	574.1	—	42.4	23.6	18.8
Total softwoods	998.0	942.5	941.0	1.5	55.5	30.5	25.0
<b>Hardwood types</b>							
Oak-pine							
Planted	1.5	1.3	1.3	—	0.3	0.2	0.0
Natural	134.8	82.8	81.0	1.8	51.9	23.2	28.7
Total	136.3	84.1	82.3	1.8	52.2	23.4	28.8
Oak-hickory	192.0	34.2	32.7	1.6	157.7	54.5	103.2
Oak-gum-cypress	142.2	24.7	16.8	7.9	117.5	85.3	32.2
Elm-ash-cottonwood	8.2	0.2	0.2	—	7.9	4.3	3.7
Total hardwoods	478.7	143.3	132.0	11.3	335.4	167.6	167.8
<b>Nonstocked</b>							
	—	—	—	—	—	—	—
<b>All groups</b>	1,476.7	1,085.8	1,073.0	12.8	390.9	198.1	192.8

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Classifications at the beginning of the remeasurement period.

**Table 46—Fresh weight of live trees on timberland by ownership class, species group, and tree component, Georgia, 1997**

Ownership class and species group	Component							
	All components	All live saplings	Growing-stock trees			Cull trees		
			Total	Boles	Stumps, tops, and limbs	Total	Boles	Stumps, tops, and limbs
<i>Thousand tons</i>								
<b>National forest</b>								
Softwood	22,253.7	1,505.4	20,519.8	17,457.5	3,062.3	228.6	192.9	35.7
Hardwood	57,052.1	6,108.0	45,394.8	36,950.3	8,444.5	5,549.4	4,173.4	1,376.0
Total	79,305.8	7,613.3	65,914.6	54,407.8	11,506.8	5,777.9	4,366.3	1,411.6
<b>Other public</b>								
Softwood	54,479.3	2,646.6	51,630.2	44,531.0	7,099.2	202.6	171.7	31.0
Hardwood	58,907.7	8,054.7	44,204.4	35,697.7	8,506.7	6,648.7	5,143.8	1,504.9
Total	113,387.0	10,701.3	95,834.5	80,228.7	15,605.8	6,851.3	5,315.4	1,535.9
<b>Forest industry</b>								
Softwood	167,152.3	17,095.3	149,468.5	121,936.8	27,531.7	588.5	447.4	141.1
Hardwood	125,410.4	25,474.2	88,952.2	71,779.7	17,172.5	10,984.0	8,325.0	2,659.0
Total	292,562.6	42,569.5	238,420.7	193,716.5	44,704.2	11,572.5	8,772.4	2,800.1
<b>Forest industry-leased</b>								
Softwood	17,910.1	1,758.0	16,124.8	13,048.1	3,076.7	27.4	20.7	6.7
Hardwood	13,049.8	3,508.9	8,253.8	6,607.3	1,646.5	1,287.2	966.8	320.4
Total	30,959.9	5,266.8	24,378.6	19,655.4	4,723.2	1,314.5	987.5	327.1
<b>Nonindustrial private</b>								
Softwood	478,978.0	37,796.7	437,971.1	368,725.9	69,245.3	3,210.2	2,588.9	621.4
Hardwood	767,864.3	104,317.7	595,713.2	483,106.4	112,606.9	67,833.4	51,836.0	15,997.4
Total	1,246,842.3	142,114.4	1,033,684.3	851,832.2	181,852.1	71,043.6	54,424.9	16,618.8
<b>All ownerships</b>								
Softwood	740,773.4	60,801.8	675,714.4	565,699.3	110,015.1	4,257.2	3,421.5	835.8
Hardwood	1,022,284.3	147,463.4	782,518.4	634,141.4	148,377.0	92,302.5	70,445.0	21,857.6
Total	1,763,057.6	208,265.2	1,458,232.7	1,199,840.6	258,392.1	96,559.7	73,866.4	22,693.3

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

**Table 47—Area of timberland treated or disturbed annually and retained in timberland by treatment or disturbance and ownership class, Georgia, 1982 to 1997**

Treatment or disturbance	Ownership class				
	All classes	Public	Forest industry	Forest industry-leased	Nonindustrial private
<i>Thousand acres</i>					
Final harvest	445.6	8.0	117.2	16.0	304.4
Partial harvest <sup>a</sup>	97.2	3.5	7.6	1.6	84.5
Commercial thinning	87.6	2.6	32.3	1.3	51.4
Other stand improvement	22.6	4.4	4.6	—	13.6
Site preparation	230.8	2.6	102.0	13.6	112.7
Artificial regeneration <sup>b</sup>	308.3	3.1	102.8	13.6	188.8
Natural regeneration <sup>b</sup>	250.7	7.9	26.8	2.2	213.9
Other treatment	178.5	7.0	16.4	1.9	153.2
Natural disturbance:					
Disease	82.3	3.8	25.6	1.3	51.6
Insects	55.8	7.3	5.1	0.3	43.1
Wildfire	9.9	1.1	1.3	0.1	7.4
Weather	93.4	16.2	8.7	1.0	67.6
Animals	40.8	3.0	5.9	0.5	31.4

Since some acres experience more than one treatment or disturbance, there are no column totals. Numbers in rows may not sum to totals due to rounding.

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Includes high-grading and some selective cutting.

<sup>b</sup> Includes establishment of trees for timber production on forest and nonforest land.

**Table 48—Area of timberland treated or disturbed annually and retained in timberland by treatment or disturbance and forest management type, Georgia, 1982 to 1997**

Treatment or disturbance	All types	Forest management type <sup>a</sup>					Nonstocked
		Pine plantation	Natural pine	Oak-pine	Upland hardwood	Lowland hardwood	
<i>Thousand acres</i>							
Final harvest	445.6	106.3	181.5	46.4	59.2	52.2	—
Partial harvest <sup>b</sup>	97.2	2.7	37.9	17.6	26.9	12.1	—
Commercial thinning	87.6	54.3	26.6	2.7	3.5	0.4	—
Other stand improvement	22.6	6.9	6.9	4.8	3.1	0.9	—
Site preparation	230.8	75.5	71.1	13.3	55.9	15.0	—
Other treatment	178.5	12.6	50.7	36.7	57.8	20.8	—
Natural disturbance:							
Disease	82.3	59.7	16.4	2.1	2.2	2.0	—
Insects	55.8	5.7	27.6	14.0	6.4	2.1	—
Wildfire	9.9	1.2	2.2	0.6	3.9	2.0	—
Weather	93.4	5.6	23.9	12.2	36.2	15.4	—
Animals	40.8	1.3	2.8	2.9	3.9	29.9	—

Since some acres experience more than one treatment or disturbance, there are no column totals. Numbers in rows may not sum to totals due to rounding.

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Classification before treatment or disturbance.

<sup>b</sup> Includes high-grading and some selective cutting.



**Table 49—Area of timberland regenerated annually by type of regeneration and forest management type, Georgia, 1982 to 1997**

Type of regeneration	All types	Forest management type <sup>a</sup>					Nonstocked
		Pine plantation	Natural pine	Oak–pine	Upland hardwood	Lowland hardwood	
<i>Thousand acres</i>							
Artificial regeneration following harvest	160.9	136.0	—	21.7	1.1	0.5	1.6
Natural regeneration following harvest	159.4	—	31.9	42.6	60.9	23.5	0.6
Other artificial regeneration on forest land	76.7	66.6	—	7.6	1.8	0.4	0.4
Other natural regeneration on forest land	56.4	0.6	13.5	15.1	15.7	11.0	0.5
Artificial regeneration on former nonforest land	70.7	70.0	—	0.1	—	—	0.5
Natural reversion of former nonforest land	35.0	—	20.7	4.7	6.0	2.6	1.0
<b>Total</b>	<b>559.0</b>	<b>273.2</b>	<b>66.2</b>	<b>91.8</b>	<b>85.4</b>	<b>37.9</b>	<b>4.6</b>

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

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.

<sup>a</sup> Classification after regeneration.

**Table 50—Land area by land-use class, major forest type, and survey completion date, Georgia**

Land-use class	Survey completion date			Change 1989-1997
	1982	1989	1997	
<i>Thousand acres</i>				
<b>Forest land</b>				
Timberland				
Pine types	11,438.9	11,086.1	10,805.4	-280.7
Oak–pine types	2,959.6	3,063.9	3,613.0	549.1
Hardwood types	9,335.2	9,481.2	9,377.7	-103.5
<b>Total</b>	<b>23,733.7</b>	<b>23,631.2</b>	<b>23,796.1</b>	<b>164.9</b>
Productive reserved	490.6	487.4	594.9	107.6
Other	18.2	18.2	21.6	3.4
<b>Total forest land</b>	<b>508.8</b>	<b>505.5</b>	<b>616.5</b>	<b>111.0</b>
<b>Other land</b>	<b>12,925.3</b>	<b>13,003.8</b>	<b>12,655.4</b>	<b>-348.4</b>
<b>All land<sup>a</sup></b>	<b>37,167.7</b>	<b>37,140.5</b>	<b>37,068.0</b>	<b>-72.5</b>

Numbers in columns may not sum to totals due to rounding.

<sup>a</sup> From the U.S. Bureau of the Census, 1990.

**Table 51—Volume of sawtimber, growing stock, and live trees on timberland by species group, survey completion date, and diameter class, Georgia**

Species group and 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
<b>Sawtimber (million board feet)</b>										
<b>Softwood</b>										
1982	57,758.6	—	—	12,399.3	13,904.3	11,904.4	8,295.6	5,189.5	2,832.3	3,233.2
1989	57,365.9	—	—	11,629.2	12,927.0	11,342.2	8,502.0	5,405.2	3,410.2	4,150.0
1997	53,243.6	—	—	9,133.9	10,610.3	10,037.3	8,445.0	5,846.6	3,676.7	5,493.8
<b>Hardwood</b>										
1982	39,665.5	—	—	—	7,915.1	8,317.6	7,054.3	5,379.9	3,518.4	7,480.1
1989	44,004.4	—	—	—	8,329.0	8,999.5	7,673.9	6,110.3	4,269.5	8,622.1
1997	51,235.5	—	—	—	8,263.8	8,862.2	8,593.8	7,144.1	5,467.0	12,904.5
<b>Growing stock (million cubic feet)</b>										
<b>Softwood</b>										
1982	16,682.1	2,004.9	3,000.1	3,271.3	2,970.5	2,238.3	1,434.9	841.2	441.9	479.0
1989	15,713.1	1,799.6	2,753.0	3,000.1	2,690.8	2,074.1	1,429.4	854.2	514.9	596.9
1997	15,223.8	1,913.4	2,628.4	2,512.4	2,338.1	1,945.5	1,499.3	977.7	585.3	823.8
<b>Hardwood</b>										
1982	14,586.0	1,482.7	1,921.4	2,198.4	2,318.1	2,042.9	1,548.7	1,092.1	675.4	1,306.4
1989	15,364.6	1,479.4	2,009.1	2,249.9	2,338.3	2,144.3	1,642.1	1,210.9	801.7	1,488.9
1997	16,480.2	1,336.8	1,801.5	2,208.1	2,371.3	2,158.5	1,879.1	1,443.8	1,040.8	2,240.3
<b>Live trees (million cubic feet)</b>										
<b>Softwood</b>										
1982	16,767.4	2,023.7	3,016.1	3,287.8	2,979.8	2,244.8	1,439.6	843.4	443.1	489.1
1989	15,794.6	1,819.0	2,768.1	3,013.9	2,698.4	2,078.3	1,433.6	856.2	516.8	610.3
1997	15,318.1	1,927.4	2,641.1	2,530.7	2,352.4	1,952.6	1,510.7	981.7	587.3	834.1
<b>Hardwood</b>										
1982	16,353.8	1,863.2	2,222.9	2,449.5	2,497.9	2,187.1	1,666.5	1,181.4	748.9	1,536.3
1989	17,161.4	1,874.6	2,322.6	2,469.0	2,539.9	2,295.8	1,753.6	1,309.9	869.6	1,726.4
1997	18,343.3	1,713.3	2,097.8	2,447.3	2,576.8	2,321.4	2,003.4	1,543.6	1,105.5	2,534.2

Numbers in rows may not sum to totals due to rounding.

A dash (—) indicates no sample for the cell; 0.0 indicates a value of >0.0 but <0.05 for the cell.



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This report summarizes a 1997 inventory of the forest resources for the State of Georgia. Major findings are highlighted in text and graphs; detailed data are presented in 51 tables.

**Keywords:** Forest ownership, timberland, timber growth, timber removals, timber volume.

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