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The Woody Biomass Resource of Tennessee, 1989

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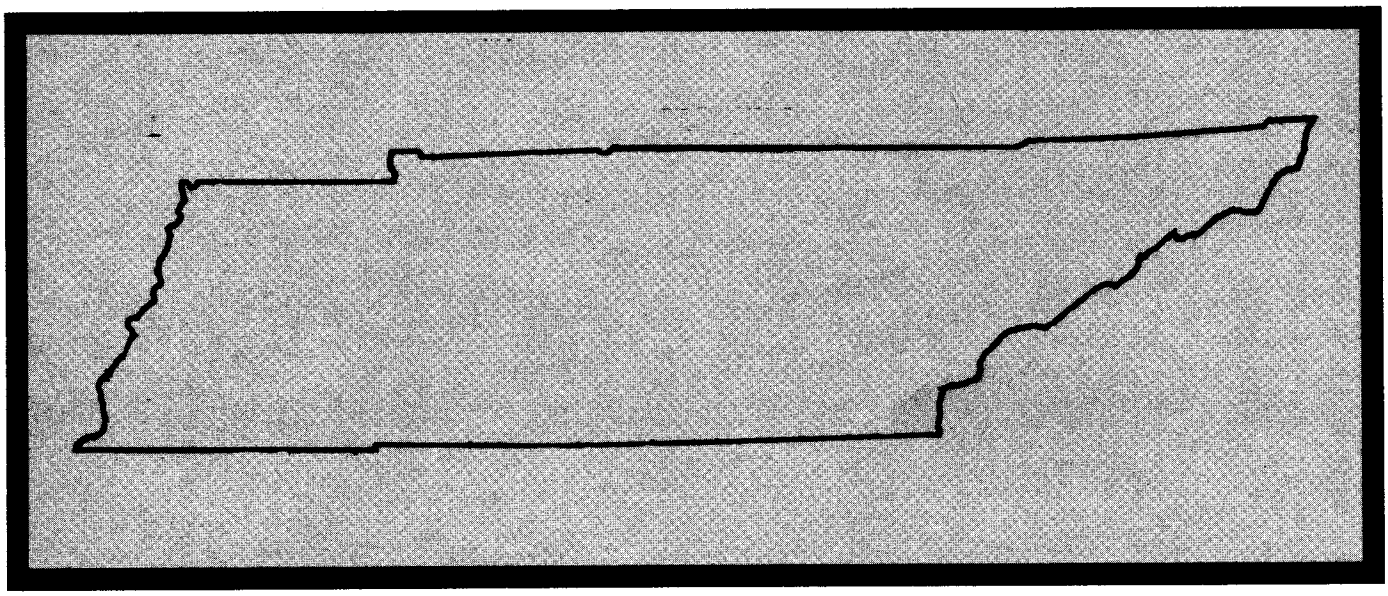

SUMMARY

Data from the 1989 Tennessee forest survey were used to derive fresh and dry biomass estimates for all trees, on timberland, greater than 1.0 inch in diameter at breast height (d.b.h.). There are 152.2 million fresh tons in softwood species and 1,039.6 million fresh tons in hardwood species. The woody biomass resource averages 25.1 and 79.7 tons per acre for softwoods and hardwoods where they occur, respectively. Most of the biomass is in the stem portion of trees—82 percent for softwoods and 75 percent for hardwoods. Nonindustrial private landowners hold 70 and 81 percent of the total softwood and hardwood biomass resource, respectively.

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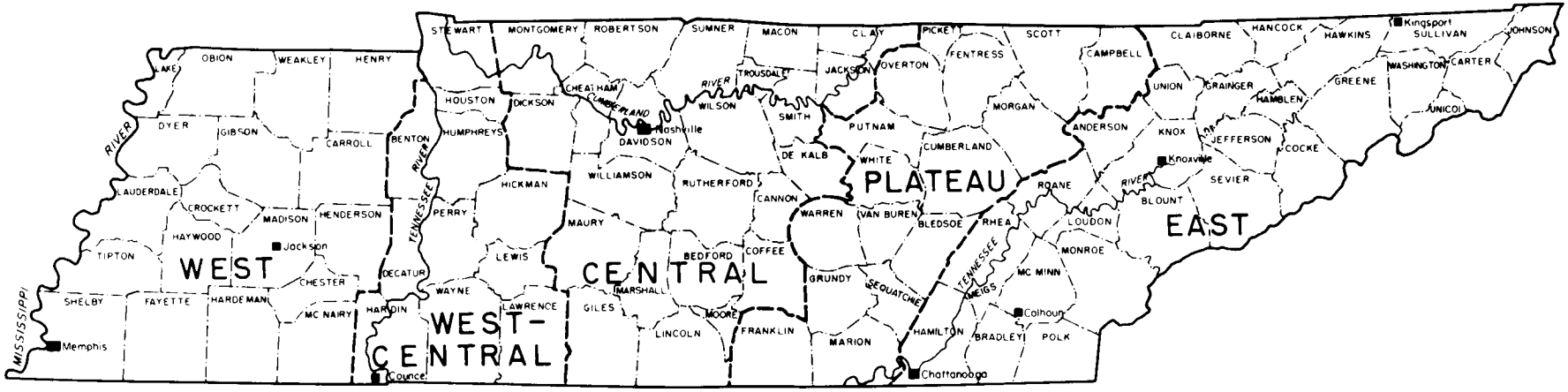

Figure I.—*Tennessee counties.*

The Woody Biomass Resource of Tennessee, 1989

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INTRODUCTION

Data from the most recent Tennessee forest survey were used to derive estimates of wood and bark biomass by counties (fig. I). The information is important to resource managers, legislators, policymakers, and procurement specialists in regard to the extent, location, and potential availability of the woody biomass resource in the State. The survey is designed to produce reliable estimates at the State level. To provide flexibility in analysis, however, information is presented by counties. Subsequently, users may combine county statistics for their particular area of interest. Fairly reliable estimates will result from aggregations of several counties (see statistical reliability section). Magnitude of standard errors dictates not using these data on a county-by-county basis.

Wood and bark biomass estimates for all trees on timberland are summarized in this report. The resource is described by dimension (size), forest type, ownership, species, stand attributes, and tree merchantability class. Shrub and herbaceous vegetation data were not included in these estimates. Also, only estimates pertaining to timberland acreage were included. Definitions of terms are given in appendix 1. A species list of all trees occurring in the sample, alphabetized by scientific name, is given in appendix 2.

All 62 resource tables are presented in appendix 3. Tables 1 through 4 describe timberland area by ownership class, forest type group, stand-size class, and basal area class, respectively. Tables 5 through 61 describe the biomass resource of species group by county (5–7), ownership class by county (8–13), forest type group by county (14–19), ownership class by forest type group (20–25), diameter class by species (26–31), diameter class by county (32–37), height class by species (38–43), height class by county (44–49), tree class by county (50–55), and basal area class by county (56–61). Table 62 gives sampling errors for individual counties. Major resource attributes are shown in appendix 4 (figs. 1 through 8).

METHODS

The inclusive dates for the Tennessee survey were May 1988 to October 1989. A total of 2,275 timberland sample plots on a 3-mile square grid were visited by field crews during this period. At each forested sample plot, all trees ≥5.0 inches in diameter at breast height (d.b.h.) were tallied with a 37.5 basal area factor (BAF) prism on 10 satellite points distributed over an area of approximately 1 acre. Trees ≥1.0 but <5.0 inches in d.b.h. were tallied on three 0.0036-acre plots (7.1-foot radius circular plot). Twenty-three variables were assessed on each tree ≥5.0 inches in d.b.h. The variables most important to the assessment of biomass estimates were total tree height and stem d.b.h. Diameters were measured with metal tape, and total heights with a clinometer.

Weights were derived for each inventory sample tree by applying regression equations and coefficients developed by the USDA Forest Service's Southeastern Forest Experiment Station headquartered at Asheville, North Carolina (Clark and others 1985, 1986a, 1986b; Clark and Saucier 1990; Clark and Schroeder 1986; Saucier and Clark 1985).

The following equations were used:

for trees ≥1.0 inch and <5.0 inches in d.b.h.

$$Y = a'(D^2)^b$$

for softwood trees ≥5.0 inches and <9.0 inches in d.b.h. and hardwood trees ≥5.0 inches and <11.0 inches in d.b.h.

$$Y = a'(D^2TH)^b$$

for softwood trees ≥9.0 inches in d.b.h. and hardwood trees ≥11.0 inches in d.b.h.

$$Y = a''(D^2)^b(TH)^c$$

where:

Y = fresh or ovendry weight (based upon coefficients used)
D = tree d.b.h.
TH = total height of tree
a', a'', b, c = regression coefficients.

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Species-specific coefficients were used to estimate fresh and dry weights of trees ≥1.0 inch in d.b.h. When species-specific coefficients were not available for a particular species, general coefficients for softwoods, soft hardwoods (specific gravity <0.50) and hard hardwoods (specific gravity >0.50) were substituted. It has been demonstrated that these general coefficients derived from grouped species produce reliable estimates for regional surveys (Freedman 1984).

Wood and bark weights were computed for two components of each tree: (1) the total tree above a 1-foot stump to the uppermost twig tips and (2) the main stem (above a 1-foot stump to a stem terminus of 4 inches in diameter outside the bark). A third tree component, crown weight, was derived by subtracting stem weight from total tree weight. No merchantability standard of quality was applied to individual trees; all stem estimates were made to a 4-inch top.

STATISTICAL RELIABILITY

Three types of error were associated with these estimates: (1) estimating error, (2) application error, and (3) sampling error. The standard of accuracy of the statistics in these tables was governed by temporal and economic constraints. In large regional surveys, it is imperative that the factors of time and budget be maintained at optimum levels.

Estimating error involves three basic areas: (1) biased error, caused by instruments not properly calibrated, (2) compensating error, caused by instruments of moderate precision, and (3) accidental error, caused by human error in measuring and compiling. All of these errors were held to a minimum by a system that incorporates training, check plots, and an edit (consistency) check. Field personnel undergo training for 3 to 4 months under the guidance of field-experienced personnel. Field work was checked by supervisors. Editing checks in the office screened out logical and data entry errors on all plots. It is not possible to measure estimating error statistically, but the Southern Forest Experiment Station Forest Inventory and Analysis (SO-FIA) unit holds it to a minimum by adequate training, experienced supervision, and emphasis on careful work.

Application error comes from applying biomass estimator equations to deterministic measurements made on inventory sample trees. There were five principal errors: (1) some species may have had no equations developed; therefore, coefficients for other "similar" species were substituted, (2) the size range of biomass sample trees may not cover the full range of sizes encountered in a large-scale inventory, (3) the geographic range of the inventory may be outside that of the biomass sample trees, (4) trees used in developing biomass coefficients were from fully stocked stands; inventory plots ranged from nonstocked to overstocked, and (5) a statistical error was associated with the biomass equations. None of these errors were accounted for in the tables.

Sampling error is the error associated with natural and expected deviation of the sample from the population mean. Thus, the deviation was susceptible to a mathematical evaluation of the probability of error. Sampling errors in table 62 were based on one standard deviation. That is, the chances are two out of three that if the results of a 100-percent census were known, the sample results would be within the limits indicated.

Estimates smaller than State totals will have resultant larger sampling errors. The smaller the area examined, the larger the sampling error. In addition, as area or biomass totals are stratified by forest type, species, diameter class, ownership, or other subunits, the sampling error increases and is greatest for the smallest divisions. The computed sampling error takes the area estimate error into account. The following formula was used to derive the sampling error for this report:

$$SE = \sqrt{(A)^2 (S_{\bar{y}}^2) + (\bar{Y}w)^2 (S_A^2)} \times 100$$

where:

SE = sampling error
A = area of timberland
$S_{\bar{y}}^2$ = variance of weighted mean biomass estimate
$\bar{Y}_w$ = weighted mean of biomass estimate
S_A^2 = variance of timberland area estimate.

The error of the area estimate contributed very little to the sampling error at the State level (≈0.1 percent) but could be substantial at sub-State levels of computation.

Biomass resource information is reported by individual Tennessee counties, thereby allowing computation of statistical confidence for any combination of counties. Sampling error may be estimated by using the following formula:

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

where:

SE= standard error of estimate (expressed as a percentage)
X = variable of interest (area or volume)
g = group of counties to be combined
t = total for the unit.

For example, statistics for dry weight of hardwood stems in Chester, Hardeman, and McNairy counties are derived as follows:

$$SE_g = \frac{1.2\sqrt{899,282.1}}{\sqrt{32,477.4}} = \frac{1,104.3}{180.2} = 6.1 \text{ percent}$$

The 95-percent confidence interval is:

$32,477.4 \pm 1.96\ (0.061 \times 32,477.4) =$
$32,477.4 \pm 3,883.0$

The sampling error for hardwood stem dry weight for the three counties is 6.1 percent. The 95-percent confidence interval is 28,594.4 to 36,360.4 million dry pounds. This means that this interval covers the true biomass dry weight of hardwood stems for these three counties unless a 1 in 20 chance of a random event has occurred.

RESOURCE HIGHLIGHTS

Timberland Area

There are 13.3 million acres of timberland in Tennessee according to the 1989 survey. The nonindustrial private forest (NIPF) owners hold 80 percent (10.6 million acres) of the total, forest industry holds 8 percent (1.1 million acres), with the remaining 11 percent (1.5 million acres) in the public domain.

Most of the State's timberland is in the oak–hickory forest type, 9.5 million acres. There are 1.3 and 1.6 million acres, respectively, in the loblolly–shortleaf and oak–pine types. Bottomland hardwoods make up only 0.7 million acres in Tennessee.

Softwood Biomass

The 1989 survey shows there are 152.2 million fresh tons of softwood biomass in Tennessee. Most of this is in the stem component, 125.0 million tons, whereas 27.2 million tons are in the crown component (appendix 4, fig. 1). Dry weight biomass for softwoods is 74.4 million tons—63.0 million tons in the stem component and 11.4 million tons in the crown component. Fifty-eight percent of Tennessee timberland holds only 18 percent of total softwood biomass (appendix 4, fig. 2).

Hardwood Biomass

A total of 1,039.6 million fresh tons of hardwood biomass is on Tennessee's timberland. Most of this, 784.3 million tons, is in the stem component; 255.4 million tons is in the crown component (appendix 4, fig. 1). Dry weight hardwood biomass is 592.2, 449.6, and 142.6 million tons for total tree, stem, and crown components, respectively. Fifty percent of hardwood biomass is on 31 percent of the timberland (appendix 4, fig. 3).

Ownership

Nonindustrial private owners have 944.4 million fresh tons of biomass (529.3 million dry tons) (appendix 4, fig. 4). This is 79 percent of the total forest resource. Forest industry holds 88.0 million fresh tons (49.0 million dry tons). The remaining 159.5 million fresh tons is in the public domain.

Forest Type

The oak-hickory forest type has 883.1 million fresh tons of biomass (488.8 million dry tons), followed by 123.3 and 109.9 million fresh tons in the oak–pine and loblolly–shortleaf pine types (66.2 and 55.9 million dry tons), respectively. These three forest types collectively account for 94 percent of all fresh weight biomass (appendix 4, fig. 5). The remaining 6 percent of fresh biomass is in bottomland hardwoods.

Diameter Class

A major portion of the State's biomass is in trees ≥7.0 and <15.0 inches in d.b.h. Trees in this diameter class account for 576.4 million fresh tons (322.8 million dry tons). These diameter classes account for 48 percent of the total biomass resource (appendix 4, fig.6).

Tree Class

There are 924.8 million fresh tons (515.3 million dry tons) of biomass in growing-stock trees ≥5.0 inches in d.b.h. (appendix 4, fig. 7). Rough and rotten trees account for 127.3 million fresh tons (72.9 million dry tons) of biomass. Salvable dead trees account for only 7.4 million fresh tons, less than one-half of 1 percent of total biomass resource.

Species

The predominant tree species in Tennessee is white oak, with 140.7 million fresh tons (83.9 million dry tons) of biomass. Chestnut oak ranked second in dominance with 84.3 million fresh tons (50.9 million dry tons) followed closely by yellow-poplar with 83.4 million fresh tons (4.1 million dry tons). Together, these three species account for 26 percent of the State's fresh weight biomass.

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Appendixes

Appendix 1.—Definitions of Terms

Forest Land Classes

Forest land—Land at least 16.7 percent stocked by forest trees of any size or formerly having such tree cover and not currently developed for nonforest uses. Minimum area considered for classification is 1 acre. The Forest Service inventory defines three types of forest land: reserved forest land, timberland, and woodland, all defined below.

Reserved forest land—Productive public forest land withdrawn from timber utilization through statutes of administrative regulations.

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

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

Tree Classes

Commercial species—Tree species currently or prospectively suitable for industrial wood products. Excluded are noncommercial species. See species list.

Cull trees—Rough or rotten trees.

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

Hardwoods—Dicotyledonous trees, usually broad leaved and deciduous.

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

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

Nonsalvable dead trees—Standing or downed dead trees that were formerly growing stock or cull and are not considered merchantable at the time of the survey. (Do not meet soundness, tree class, or size requirements under salvable dead tree definition).

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

Rough trees—Live trees of commercial species that are unmerchantable for sawlogs, currently or potentially, because of roughness or poor form in the sawlog portion. Also includes all live trees of noncommercial species. See growing-stock trees.

Salvable dead trees—Standing or downed dead trees that were formerly growing stock and are considered merchantable. One-third of the board-foot volume must be sound in softwoods ≥9.0 inches in d.b.h. and one-half of the board-foot volume sound in hardwoods ≥11.0 inches in d.b.h.; one-half of the cubic-foot volume must be sound in softwoods <9.0 inches in d.b.h. and one-half sound in hardwoods <11.0 inches in d.b.h. All salvable dead trees must be ≥5.0 inches in d.b.h. to qualify.

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

Forest Type Groups

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

Hemlock—Forests in which hemlock comprises a plurality of the stocking.

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

Maple–beech–birch—Forests in which maples, beech, yellow birch, or sweet birch, singly or in combination, comprises a plurality of the stocking.

Nontyped—Timberland currently unoccupied by any live trees or seedlings; very recent clearcut areas.

Oak–gum–cypress—Bottomland forests in which tupelo, blackgum, sweetgum, oaks, or cypress, singly or in combination, comprises a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case the stand would be classified oak–pine. Common associates include cottonwood, willow, ashes, elms, hackberries, and maples.

Oak–hickory—Forests in which upland oaks or hickories, singly or in combination, comprise a plurality of the stocking, except where pines comprise 25 to 49 percent, in which case, the stand would be classified oak–pine. Common associates include yellow-poplar, elms, maples, and black walnut.

Oak–pine—Forests in which hardwoods (usually upland oaks) comprise a plurality of the stocking but in which pines comprise 25 to 49 percent of the stock-

ing. Common associates include gums, hickories, and yellow-poplar.

White pine–hemlock—Forests in which white pine and hemlock, in combination, comprise a plurality of the stocking.

Biomass

Crown weight—Weight of wood and bark in upper branches. Crown weight equals total tree weight minus stem weight.

Dry weight—Mass of tree component when oven-dried to a constant weight at 215 °F.

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

Stem weight—Weight of wood and bark in central stem from a 1-foot stump to a 4-inch top. No merchantability standards are used to define the terminus of the stem; all trees ≥5.0 inches in d.b.h. are configured to a 4-inch top; trees <5.0 inches in d.b.h. are configured from a 1-foot stump to the central stem twig tip.

Total tree weight—Weight of wood and bark from a 1-foot stump to twig tips. Leaves, flowers, fruits, and roots are not included.

Ownership Classes

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

Public lands (include the following):

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

Other Federal lands—Federal lands other than national forests.

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

Nonindustrial private lands; *NIPF* (include the following):

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

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

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

Miscellaneous Definitions

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

Diameter at breast height (d.b.h.)—Tree diameter in inches, outside bark, usually measured at 4½ feet above ground.

Natural pine—Pine trees on timberland that show no evidence of artificial regeneration.

Natural stands—Stands with no evidence of artificial regeneration, including stands established by seed tree regeneration methods.

Pines—Tree species of the genus *Pinus*.

Plantations—Stands regenerated by planting or seeding.

Planted pines—Pine trees on timberland that show evidence of planting or artificial seeding.

Appendix 2.—Species List

Species list of trees ≥1.0 inch in d.b.h. occurring in the FIA sample, Tennessee, 1989*

Genus	Specific epithet	Common name
Gymnosperms		
Juniperus	*silicicola*	Southern redcedar
J.	*virginiana*	Eastern redcedar
Pinus	*echinata*	Shortleaf pine
P.	*pungens*	Table Mountain pine
P.	*rigida*	Pitch pine
P.	*strobus*	Eastern white pine
P.	*taeda*	Loblolly pine
P.	*virginiana*	Virginia pine
Taxodium	*distichum*	Baldcypress
Tsuga	*canadensis*	Eastern hemlock
T.	*caroliniana*	Carolina hemlock
Angiosperms		
Acer	*barbatum*	Florida maple
A.	*negundo*	Boxelder
A.	*nigrum*	Black maple
A.	*rubrum*	Red maple
A.	*saccharinum*	Silver maple
A.	*saccharum*	Sugar maple
Aesculus	*glabra*	Ohio buckeye
A.	*octandra*	Yellow buckeye
Ailanthus	*altissima*†	Ailanthus, tree-of-heaven
Amelanchier	spp.†	Serviceberry
Betula	*alleghaniensis*	Yellow birch
B.	*lenta*	Sweet birch
B.	*nigra*	River birch
Bumelia	spp.†	Bumelia
Carpinus	*caroliniana*†	Blue beech, American hornbeam
Carya	spp.	Hickories
C.	*aquatica*	Water hickory
C.	*illinoensis*	Pecan
Castanea	spp.†	Chinkapin
C.	*dentata*	American chestnut
C.	*pumila*	Allegheny chinkapin
Catalpa	spp.	Catalpa
Celtis	*laevigata*	Sugarberry
C.	*occidentalis*	Hackberry
Cercis	*canadensis*†	Eastern redbud
Cornus	*florida*	Flowering dogwood
Cotinus	*obovatus*†	American smoketree
Crataegus	spp.†	Hawthorn
Diospyros	*virginiana*	Common persimmon

Species list of trees ≥1.0 inch in d.b.h. occurring in the FIA sample, Tennessee, 1989—Continued*

Genus	Specific epithet	Common name
Fagus	*grandifolia*	American beech
Fraxinus	*americana*	White ash
F.	*pennsylvanica*	Green ash
F.	*quadrangulata*	Blue ash
Gleditsia	*aquatica*	Waterlocust
G.	*triacanthos*	Honeylocust
Gymnocladus	*dioicus*	Kentucky coffeetree
Halesia	spp.	Silverbell
Ilex	*opaca*	American holly
Juglans	*cinerea*	Butternut
J.	*nigra*	Black walnut
Liquidambar	*styraciflua*	Sweetgum
Liriodendron	*tulipifera*	Yellow-poplar
Maclura	*pomifera*	Osage-orange
Magnolia	*acuminata*	Cucumbertree
M.	*grandiflora*	Southern magnolia
M.	*macrophylla*†	Bigleaf magnolia
M.	*virginiana*	Sweetbay
Malus	spp.†	Apple
Morus	*alba*†	White mulberry
M.	*rubra*	Red mulberry
Nyssa	*aquatica*	Water tupelo
N.	*sylvatica*	Blackgum, black tupelo
N.	*sylvatica* var. *biflora*	Swamp tupelo
Ostrya	*virginiana*†	Ironwood, eastern hophornbeam
Oxydendrum	*arboreum*†	Sourwood
Paulownia	*tomentosa*†	Royal paulownia
Planera	*aquatica*†	Water-elm
Platanus	*occidentalis*	American sycamore
Populus	*deltoides*	Eastern cottonwood
Prunus	*serotina*	Black cherry
P.	spp.†	Plums, cherries (except black cherry)
Quercus	*alba*	White oak
Q.	*bicolor*	Swamp white oak
Q.	*coccinea*	Scarlet oak
Q.	*falcata*	Southern red oak
Q.	*falcata* var. *pagodifolia*	Cherrybark oak
Q.	*imbricaria*	Shingle oak
Q.	*laevis*†	Turkey oak
Q.	*lyrata*	Overcup oak
Q.	*macrocarpa*	Bur oak
Q.	*marilandica*†	Blackjack oak
Q.	*michauxii*	Swamp chestnut oak
Q.	*muehlenbergii*	Chinkapin oak
Q.	*nigra*	Water oak

Species list of trees ≥1.0 inch in d.b.h. occurring in the FIA sample, Tennessee, 1989—Continued*

Genus	Specific epithet	Common name
Q.	*nuttallii*	Nuttall oak
Q.	*palustris*	Pin oak
Q.	*phellos*	Willow oak
Q.	*prinus*	Chestnut oak
Q.	*rubra*	Northern red oak
Q.	*shumardii*	Shumard oak
Q.	*stellata*	Post oak
Q.	*stellata* var. *paludosa*	Delta post oak
Q.	*velutina*	Black oak
Q.	*virginiana*†	Live oak
Robinia	*pseudoacacia*	Black locust
Salix	*nigra*	Black willow
Sassafras	*albidum*	Sassafras
Tilia	*americana*	American basswood
T.	*heterophylla*	White basswood
Ulmus	*alata*	Winged elm
U.	*americana*	American elm
U.	*pumila*	Siberian elm
U.	*rubra*	Slippery elm
U.	*serotina*	September elm
U.	*thomasii*	Rock elm
Vaccinium	*arboreum*†	Tree sparkleberry

*Nomenclature after: Little, E.L., Jr. 1979. Checklist of United States trees (native and naturalized). Agric. Handb. 541. Washington, DC: U.S. Department of Agriculture. 375 p.

†Noncommercial species.

Appendix 3.—Tables

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Table 1.—*Area of timberland by county and ownership class, Tennessee, 1989**

County	All classes	Ownership class			
		National forest	Other public	Forest industry	Nonindustrial private
	Thousand acres				
Anderson	124.0	0.0	6.5	0.0	117.5
Bedford	74.6	0.0	0.0	5.3	69.3
Benton	172.7	0.0	19.2	12.8	140.7
Bledsoe	186.3	0.0	17.5	34.9	133.9
Blount	69.9	0.0	0.0	9.1	60.8
Bradley	92.5	0.0	0.0	15.4	77.1
Campbell	250.2	0.0	46.6	5.8	197.9
Cannon	88.5	0.0	0.0	0.0	88.5
Carroll	169.1	0.0	17.5	11.7	139.9
Carter	155.5	78.1	0.0	0.0	77.3
Cheatam	118.2	0.0	23.6	0.0	94.5
Chester	99.4	0.0	9.9	19.9	69.6
Claiborne	167.5	0.0	0.0	0.0	167.5
Clay	105.1	0.0	0.0	0.0	105.1
Cocke	163.4	44.3	0.0	5.7	113.4
Coffee	114.2	0.0	10.4	0.0	103.8
Crockett	15.1	0.0	0.0	0.0	15.1
Cumberland	320.3	0.0	58.2	46.6	215.5
Davidson	108.1	0.0	12.7	0.0	95.4
Decatur	134.8	0.0	10.8	0.0	124.0
DeKalb	114.2	0.0	11.4	0.0	102.7
Dickson	174.3	0.0	0.0	0.0	174.3
Dyer	40.4	0.0	10.1	10.1	20.2
Fayette	152.0	0.0	0.0	0.0	152.0
Fentress	244.1	0.0	17.4	87.2	139.5
Franklin	183.0	0.0	22.9	0.0	160.1
Gibson	36.4	0.0	0.0	0.0	36.4
Giles	171.8	0.0	0.0	9.8	162.0
Grainger	102.6	0.0	0.0	0.0	102.6
Greene	171.8	29.6	0.0	0.0	142.2
Grundy	165.9	0.0	5.7	34.3	125.8
Hamblen	32.8	0.0	0.0	0.0	32.8
Hamilton	210.7	0.0	26.3	13.2	171.2
Hancock	92.9	0.0	0.0	0.0	92.9
Hardeman	247.1	0.0	6.2	18.5	222.4
Hardin	219.9	0.0	9.6	33.5	176.9
Hawkins	177.3	0.0	11.4	5.7	160.2
Haywood	71.2	0.0	0.0	11.9	59.3
Henderson	158.4	0.0	28.3	0.0	130.1
Henry	176.1	0.0	13.0	6.5	156.5
Hickman	297.2	0.0	0.0	72.9	224.3
Houston	94.2	0.0	0.0	0.0	94.2
Humphreys	241.2	0.0	0.0	6.0	235.2
Jackson	135.9	0.0	0.0	0.0	135.9
Jefferson	62.2	0.0	0.0	0.0	62.2
Johnson	144.4	50.5	0.0	0.0	93.9
Knox	127.0	0.0	0.0	0.0	127.0

Table 1.—*Area of timberland by county and ownership class, Tennessee, 1989* — Continued*

County	All classes	Ownership class			
		National forest	Other public	Forest industry	Nonindustrial private
	Thousand acres				
Lake	18.0	0.0	18.0	0.0	0.0
Lauderdale	88.8	0.0	16.2	24.2	48.5
Lawrence	199.8	0.0	20.7	27.6	151.6
Lewis	158.0	0.0	11.7	46.8	99.5
Lincoln	136.7	0.0	0.0	0.0	136.7
Loudon	62.3	0.0	11.3	0.0	51.0
McMinn	136.5	2.2	0.0	28.0	106.4
McNairy	224.4	0.0	5.8	40.3	178.4
Macon	77.0	0.0	0.0	0.0	77.0
Madison	140.7	0.0	6.1	0.0	134.5
Marion	251.7	0.0	18.0	24.0	209.8
Marshall	89.6	0.0	0.0	0.0	89.6
Maury	133.0	0.0	6.7	0.0	126.4
Meigs	82.9	0.0	5.9	11.8	65.2
Monroe	279.0	121.3	15.0	7.5	135.2
Montgomery	136.9	0.0	31.1	6.2	99.5
Moore	36.6	0.0	0.0	0.0	36.6
Morgan	276.2	0.0	33.8	5.6	236.7
Obion	67.6	0.0	12.3	12.3	43.0
Overton	170.4	0.0	20.4	0.0	149.9
Perry	223.6	0.0	5.7	63.1	154.8
Pickett	68.4	0.0	20.5	0.0	47.9
Polk	214.1	136.6	0.0	0.0	77.5
Putnam	152.3	0.0	5.4	0.0	146.9
Rhea	126.4	0.0	11.0	44.0	71.4
Roane	153.1	0.0	31.7	0.0	121.4
Robertson	53.0	0.0	0.0	0.0	53.0
Rutherford	155.7	0.0	16.7	0.0	139.0
Scott	300.3	0.0	54.6	10.9	234.8
Sequatchie	137.3	0.0	0.0	22.9	114.4
Sevier	127.5	0.0	0.0	0.0	127.5
Shelby	111.6	0.0	32.8	0.0	78.8
Smith	81.0	0.0	0.0	0.0	81.0
Stewart	219.7	0.0	69.0	69.0	81.6
Sullivan	123.6	37.1	9.6	0.0	76.9
Sumner	88.2	0.0	0.0	0.0	88.2
Tipton	50.9	0.0	0.0	0.0	50.9
Trousdale	30.0	0.0	0.0	0.0	30.0
Unicoi	89.4	43.8	12.4	0.0	33.2
Union	102.5	0.0	27.0	0.0	75.5
Van Buren	135.4	0.0	5.4	27.1	102.9
Warren	93.6	0.0	0.0	0.0	93.6
Washington	50.3	12.4	0.0	0.0	37.9
Wayne	372.6	0.0	0.0	145.3	227.4
Weakley	95.9	0.0	7.4	0.0	88.5
White	129.4	0.0	0.0	28.1	101.3
Williamson	142.0	0.0	0.0	0.0	142.0
Wilson	97.0	0.0	15.3	0.0	81.7
All counties	13,265.2	556.0	952.9	1,121.5	10,634.8

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

Table 2.—*Area of timberland by county and forest type group, Tennessee, 1989**

County	All classes	Forest type group					
		Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Bottomland hardwoods†	Miscellaneous‡	Nontyped§
	Thousand acres						
Anderson	124.0	13.1	6.5	97.9	0.0	6.5	0.0
Bedford	74.6	16.0	10.7	42.6	5.3	0.0	0.0
Benton	172.7	12.8	12.8	140.7	6.4	0.0	0.0
Bledsoe	186.3	40.7	29.1	116.4	0.0	0.0	0.0
Blount	69.9	9.1	24.3	33.4	0.0	3.0	0.0
Bradley	92.5	30.8	15.4	46.3	0.0	0.0	0.0
Campbell	250.2	23.3	29.1	197.9	0.0	0.0	0.0
Cannon	88.5	5.2	10.4	72.9	0.0	0.0	0.0
Carroll	169.1	5.8	5.8	122.4	35.0	0.0	0.0
Carter	155.5	8.6	17.2	120.5	0.0	9.2	0.0
Cheatam	118.2	0.0	0.0	118.2	0.0	0.0	0.0
Chester	99.4	9.9	29.8	49.7	9.9	0.0	0.0
Claiborne	167.5	7.3	21.9	116.6	0.0	21.9	0.0
Clay	105.1	0.0	8.1	97.0	0.0	0.0	0.0
Cocke	163.4	17.0	25.9	114.8	5.7	0.0	0.0
Coffee	114.2	0.0	0.0	109.0	5.2	0.0	0.0
Crockett	15.1	0.0	0.0	15.1	0.0	0.0	0.0
Cumberland	320.3	46.6	58.2	209.7	0.0	5.8	0.0
Davidson	108.1	0.0	12.7	95.4	0.0	0.0	0.0
Decatur	134.8	5.4	5.4	118.6	5.4	0.0	0.0
DeKalb	114.2	11.4	22.8	74.2	5.7	0.0	0.0
Dickson	174.3	0.0	6.0	168.3	0.0	0.0	0.0
Dyer	40.4	0.0	0.0	10.1	30.3	0.0	0.0
Fayette	152.0	21.7	10.9	108.6	10.9	0.0	0.0
Fentress	244.1	52.3	40.7	151.1	0.0	0.0	0.0
Franklin	183.0	0.0	11.4	171.6	0.0	0.0	0.0
Gibson	36.4	0.0	0.0	36.4	0.0	0.0	0.0
Giles	171.8	4.9	4.9	152.2	4.9	4.9	0.0
Grainger	102.6	0.0	16.2	86.4	0.0	0.0	0.0
Greene	171.8	28.4	21.3	116.4	0.0	5.7	5.7
Grundy	165.9	11.4	5.7	143.0	0.0	0.0	0.0
Hamblen	32.8	8.2	8.2	16.4	0.0	0.0	0.0
Hamilton	210.7	39.5	39.5	125.1	6.6	0.0	0.0
Hancock	92.9	0.0	5.8	75.5	0.0	11.6	0.0
Hardeman	247.1	30.9	30.9	154.4	30.9	0.0	0.0
Hardin	219.9	47.8	38.2	100.4	33.5	0.0	0.0
Hawkins	177.3	11.4	34.3	125.9	0.0	5.7	0.0
Haywood	71.2	0.0	0.0	11.9	59.3	0.0	0.0
Henderson	158.4	45.3	5.7	84.9	22.6	0.0	0.0
Henry	176.1	6.5	0.0	123.9	45.6	0.0	0.0
Hickman	297.2	5.6	0.0	291.6	0.0	0.0	0.0
Houston	94.2	0.0	0.0	94.2	0.0	0.0	0.0
Humphreys	241.2	0.0	0.0	241.2	0.0	0.0	0.0
Jackson	135.9	0.0	31.4	104.5	0.0	0.0	0.0
Jefferson	62.2	11.3	5.7	45.2	0.0	0.0	0.0
Johnson	144.4	0.0	26.8	104.1	0.0	13.4	0.0
Knox	127.0	15.9	31.7	79.4	0.0	0.0	0.0

Table 2.—*Area of timberland by county and forest type group, Tennessee, 1989* — Continued*

County	All classes	Forest type group					
		Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Bottomland hardwoods[†]	Miscellaneous[‡]	Nontyped[§]
	Thousand acres						
Lake	18.0	0.0	0.0	0.0	18.0	0.0	0.0
Lauderdale	88.8	0.0	0.0	32.3	56.5	0.0	0.0
Lawrence	199.8	0.0	6.9	186.1	6.9	0.0	0.0
Lewis	158.0	5.9	5.9	134.6	11.7	0.0	0.0
Lincoln	136.7	17.8	17.8	89.1	11.9	0.0	0.0
Loudon	62.3	22.7	11.3	22.7	0.0	5.7	0.0
McMinn	136.5	67.2	16.8	46.9	5.6	0.0	0.0
McNairy	224.4	46.0	40.3	120.8	17.3	0.0	0.0
Macon	77.0	0.0	0.0	77.0	0.0	0.0	0.0
Madison	140.7	6.1	24.5	61.2	48.9	0.0	0.0
Marion	251.7	6.0	36.0	203.8	6.0	0.0	0.0
Marshall	89.6	5.0	24.9	59.7	0.0	0.0	0.0
Maury	133.0	6.7	6.7	119.7	0.0	0.0	0.0
Meigs	82.9	17.8	23.7	41.5	0.0	0.0	0.0
Monroe	279.0	77.9	76.8	106.5	0.0	17.8	0.0
Montgomery	136.9	0.0	12.4	124.4	0.0	0.0	0.0
Moore	36.6	0.0	0.0	36.6	0.0	0.0	0.0
Morgan	276.2	5.6	84.5	186.0	0.0	0.0	0.0
Obion	67.6	0.0	0.0	30.7	36.8	0.0	0.0
Overton	170.4	6.8	13.6	149.9	0.0	0.0	0.0
Perry	223.6	11.5	5.7	200.7	5.7	0.0	0.0
Pickett	68.4	0.0	6.8	61.6	0.0	0.0	0.0
Polk	214.1	82.7	47.8	60.6	0.0	23.0	0.0
Putnam	152.3	10.9	16.3	125.1	0.0	0.0	0.0
Rhea	126.4	11.0	27.5	87.9	0.0	0.0	0.0
Roane	153.1	0.6	26.4	116.1	0.0	0.0	0.0
Robertson	53.0	0.0	0.0	53.0	0.0	0.0	0.0
Rutherford	155.7	50.0	38.9	66.7	0.0	0.0	0.0
Scott	300.3	16.4	38.2	240.2	0.0	5.5	0.0
Sequatchie	137.3	51.5	0.0	80.1	0.0	5.7	0.0
Sevier	127.5	14.2	51.9	61.4	0.0	0.0	0.0
Shelby	111.6	0.0	0.0	59.1	52.5	0.0	0.0
Smith	81.0	13.5	6.8	60.8	0.0	0.0	0.0
Stewart	219.7	6.3	0.0	213.4	0.0	0.0	0.0
Sullivan	123.6	4.8	20.8	90.7	0.0	7.4	0.0
Sumner	88.2	12.6	0.0	75.6	0.0	0.0	0.0
Tipton	50.9	0.0	0.0	36.3	14.5	0.0	0.0
Trousdale	30.0	0.0	12.0	18.0	0.0	0.0	0.0
Unicoi	89.4	0.0	20.8	62.4	0.0	6.3	0.0
Union	102.5	10.8	21.6	59.3	0.0	10.8	0.0
Van Buren	135.4	32.5	10.8	86.7	0.0	5.4	0.0
Warren	93.6	0.0	5.2	83.2	5.2	0.0	0.0
Washington	50.3	0.0	8.9	41.4	0.0	0.0	0.0
Wayne	372.6	37.9	18.9	309.5	6.3	0.0	0.0
Weakley	95.9	7.4	0.0	44.3	44.3	0.0	0.0
White	129.4	22.5	5.6	95.7	5.6	0.0	0.0
Williamson	142.0	15.8	15.8	105.2	5.3	0.0	0.0
Wilson	97.0	15.3	61.2	20.4	0.0	0.0	0.0
All counties	13,265.2	1,333.8	1,591.5	9,476.5	682.3	175.4	5.7

*Numbers in columns and rows may not total due to rounding.
[†]Includes oak-gum-cypress and elm-ash-cottonwood types.
[‡]Includes hemlock, white pine-hemlock, and maple-beech-birch types.
[§]Timberland with 0.0 stocking in trees.

Table 3.—*Area of timberland by county and stand-size class, Tennessee, 1989**

County	All classes	Stand-size class			
		Nonstocked†	Sapling-seedling	Poletimber	Sawtimber
	Thousand acres				
Anderson	124.0	0.0	6.5	26.1	91.4
Bedford	74.6	0.0	16.0	32.0	26.6
Benton	172.7	0.0	44.8	76.8	51.2
Bledsoe	186.3	0.0	46.6	93.1	46.6
Blount	69.9	0.0	9.1	15.2	45.6
Bradley	92.5	0.0	30.8	0.0	61.7
Campbell	250.2	0.0	29.1	64.0	157.1
Cannon	88.5	0.0	15.6	41.6	31.2
Carroll	169.1	0.0	5.8	70.0	93.3
Carter	155.5	0.0	0.0	44.2	111.3
Cheatam	118.2	0.0	17.7	41.4	59.1
Chester	99.4	0.0	29.8	39.8	29.8
Claiborne	167.5	0.0	21.9	51.0	94.7
Clay	105.1	0.0	40.4	48.5	16.2
Cocke	163.4	0.0	17.0	61.8	84.5
Coffee	114.2	0.0	10.4	31.1	72.7
Crockett	15.1	0.0	0.0	0.0	15.1
Cumberland	320.3	0.0	52.4	110.7	157.3
Davidson	108.1	0.0	12.7	50.9	44.5
Decatur	134.8	0.0	10.8	48.5	75.5
DeKalb	114.2	0.0	17.1	40.0	57.1
Dickson	174.3	0.0	24.0	48.1	102.2
Dyer	40.4	0.0	0.0	0.0	40.4
Fayette	152.0	0.0	10.9	32.6	108.6
Fentress	244.1	0.0	23.2	116.2	104.6
Franklin	183.0	0.0	40.0	57.2	85.8
Gibson	36.4	0.0	12.1	0.0	24.2
Giles	171.8	0.0	54.0	83.4	34.4
Grainger	102.6	0.0	5.4	27.0	70.2
Greene	171.8	0.0	27.0	44.1	100.8
Grundy	165.9	5.7	45.8	57.2	57.2
Hamblen	32.8	0.0	0.0	8.2	24.6
Hamilton	210.7	0.0	32.9	52.7	125.1
Hancock	92.9	0.0	40.7	17.4	34.8
Hardeman	247.1	0.0	49.4	80.3	117.4
Hardin	219.9	0.0	33.5	109.9	76.5
Hawkins	177.3	0.0	34.3	51.5	91.5
Haywood	71.2	0.0	11.9	5.9	53.4
Henderson	158.4	0.0	22.6	45.3	90.5
Henry	176.1	0.0	45.6	32.6	97.8
Hickman	297.2	0.0	16.8	173.8	106.5
Houston	94.2	0.0	29.0	29.0	36.2
Humphreys	241.2	0.0	42.2	90.5	108.6
Jackson	135.9	0.0	36.6	47.0	52.3
Jefferson	62.2	0.0	17.0	5.7	39.6
Johnson	144.4	0.0	20.1	57.1	67.2
Knox	127.0	0.0	31.7	31.7	63.5

Table 3.—*Area of timberland by county and stand-size class, Tennessee, 1989* — Continued*

County	All classes	Stand-size class			
		Nonstocked†	Sapling-seedling	Poletimber	Sawtimber
	Thousand acres				
Lake	18.0	0.0	0.0	0.0	18.0
Lauderdale	88.8	0.0	16.2	0.0	72.7
Lawrence	199.8	0.0	55.1	82.7	62.0
Lewis	158.0	0.0	35.1	64.4	58.5
Lincoln	136.7	0.0	41.6	65.4	29.7
Loudon	62.3	0.0	17.0	0.0	45.3
McMinn	136.5	0.0	18.9	56.0	61.6
McNairy	224.4	0.0	51.8	103.6	69.0
Macon	77.0	0.0	14.0	14.0	49.0
Madison	140.7	0.0	12.2	30.6	97.9
Marion	251.7	0.0	42.0	47.9	161.8
Marshall	89.6	0.0	34.8	19.9	34.8
Maury	133.0	0.0	39.9	53.2	39.9
Meigs	82.9	0.0	5.9	35.5	41.5
Monroe	279.0	0.0	51.8	73.2	154.0
Montgomery	136.9	0.0	31.1	49.8	56.0
Moore	36.6	0.0	0.0	10.5	26.1
Morgan	276.2	0.0	56.4	73.3	146.6
Obion	67.6	0.0	0.0	12.3	55.3
Overton	170.4	0.0	13.6	34.1	122.7
Perry	223.6	0.0	40.1	114.7	68.8
Pickett	68.4	0.0	6.8	20.5	41.1
Polk	214.1	0.0	65.7	35.0	113.5
Putnam	152.3	0.0	32.6	43.5	76.2
Rhea	126.4	0.0	27.5	44.0	54.9
Roane	153.1	0.0	15.8	58.1	79.2
Robertson	53.0	0.0	7.6	7.6	37.9
Rutherford	155.7	0.0	72.3	50.0	33.4
Scott	300.3	0.0	27.3	76.4	196.6
Sequatchie	137.3	0.0	28.6	51.5	57.2
Sevier	127.5	0.0	14.2	42.5	70.8
Shelby	111.6	0.0	6.6	32.8	72.2
Smith	81.0	0.0	20.3	47.3	13.5
Stewart	219.7	0.0	43.9	50.2	125.5
Sullivan	123.6	0.0	13.3	47.4	62.9
Sumner	88.2	0.0	12.6	12.6	63.0
Tipton	50.9	0.0	7.3	7.3	36.3
Trousdale	30.0	0.0	0.0	24.0	6.0
Unicoi	89.4	0.0	4.1	25.0	60.3
Union	102.5	0.0	10.8	21.6	70.1
Van Buren	135.4	0.0	48.8	43.3	43.3
Warren	93.6	0.0	10.4	36.4	46.8
Washington	50.3	0.0	4.7	13.0	32.6
Wayne	372.6	0.0	75.8	195.8	101.1
Weakley	95.9	0.0	7.4	14.8	73.8
White	129.4	0.0	11.3	50.6	67.5
Williamson	142.0	0.0	10.5	78.9	52.6
Wilson	97.0	0.0	35.7	35.7	25.5
All counties	13,265.2	5.7	2,340.8	4,397.5	6,521.2

*Numbers in columns and rows may not total due to rounding.
†Timberland less than 16.7 percent stocked.

Table 4.—*Area of timberland by county and basal area class, Tennessee, 1989**

County	All classes	Basal area class† (*Square feet/acre*)					
		<30	30 - 59	60 - 89	90 - 119	120 - 149	>150
	Thousand acres						
Anderson	124.0	6.5	0.0	39.2	45.7	32.6	0.0
Bedford	74.6	5.3	5.3	37.3	16.0	10.7	0.0
Benton	172.7	0.0	64.0	44.8	51.2	12.8	0.0
Bledsoe	186.3	34.9	5.8	75.7	46.6	17.5	5.8
Blount	69.9	3.0	3.0	15.2	30.4	18.2	0.0
Bradley	92.5	30.8	15.4	15.4	15.4	15.4	0.0
Campbell	250.2	17.5	17.5	69.8	110.6	34.9	0.0
Cannon	88.5	10.4	5.2	26.0	36.4	10.4	0.0
Carroll	169.1	0.0	5.8	52.5	87.4	23.3	0.0
Carter	155.5	0.0	8.6	31.6	44.8	70.6	0.0
Cheatam	118.2	11.8	23.6	23.6	41.4	17.7	0.0
Chester	99.4	9.9	14.9	29.8	24.9	19.9	0.0
Claiborne	167.5	7.3	21.9	51.0	72.8	14.6	0.0
Clay	105.1	16.2	24.3	40.4	24.3	0.0	0.0
Cocke	163.4	0.0	11.3	64.3	40.4	41.6	5.7
Coffee	114.2	10.4	10.4	15.6	67.5	10.4	0.0
Crockett	15.1	0.0	0.0	7.6	0.0	0.0	7.6
Cumberland	320.3	11.6	40.8	64.1	139.8	46.6	17.5
Davidson	108.1	0.0	19.1	50.9	25.4	12.7	0.0
Decatur	134.8	5.4	10.8	53.9	48.5	10.8	5.4
DeKalb	114.2	0.0	0.0	57.1	45.7	5.7	5.7
Dickson	174.3	6.0	30.0	54.1	78.1	6.0	0.0
Dyer	40.4	0.0	10.1	10.1	20.2	0.0	0.0
Fayette	152.0	10.9	0.0	65.2	32.6	32.6	10.9
Fentress	244.1	0.0	34.9	87.2	63.9	58.1	0.0
Franklin	183.0	5.7	45.8	80.1	51.5	0.0	0.0
Gibson	36.4	0.0	24.2	0.0	12.1	0.0	0.0
Giles	171.8	19.6	39.3	68.7	29.5	14.7	0.0
Grainger	102.6	0.0	5.4	32.4	43.2	16.2	5.4
Greene	171.8	5.7	34.1	32.7	61.1	34.0	4.2
Grundy	165.9	11.4	22.9	68.6	40.0	22.9	0.0
Hamblen	32.8	0.0	0.0	16.4	8.2	8.2	0.0
Hamilton	210.7	13.2	19.7	98.7	46.1	32.9	0.0
Hancock	92.9	11.6	40.7	23.2	11.6	5.8	0.0
Hardeman	247.1	6.2	37.1	86.5	86.5	30.9	0.0
Hardin	219.9	9.6	52.6	66.9	76.5	14.3	0.0
Hawkins	177.3	0.0	28.6	97.3	45.8	5.7	0.0
Haywood	71.2	5.9	0.0	23.7	23.7	17.8	0.0
Henderson	158.4	5.7	11.3	62.2	50.9	11.3	17.0
Henry	176.1	6.5	45.6	39.1	65.2	13.0	6.5
Hickman	297.2	0.0	61.7	112.2	100.9	22.4	0.0
Houston	94.2	7.2	14.5	21.7	50.7	0.0	0.0
Humphreys	241.2	18.1	48.2	96.5	78.4	0.0	0.0
Jackson	135.9	10.5	26.1	36.6	31.4	26.1	5.2
Jefferson	62.2	5.7	11.3	5.7	33.9	0.0	5.7
Johnson	144.4	0.0	6.7	57.1	53.7	20.2	6.7
Knox	127.0	0.0	23.8	39.7	47.6	15.9	0.0

Table 4.—*Area of timberland by county and basal area class, Tennessee, 1989* — Continued*

County	All classes	Basal area class† (*Square feet/acre*)					
		<30	30 - 59	60 - 89	90 - 119	120 - 149	>150
	Thousand acres						
Lake	18.0	0.0	0.0	0.0	0.0	0.0	18.0
Lauderdale	88.8	8.1	8.1	16.2	48.5	0.0	8.1
Lawrence	199.8	27.6	34.5	96.5	41.3	0.0	0.0
Lewis	158.0	23.4	29.3	46.8	52.7	5.9	0.0
Lincoln	136.7	5.9	29.7	59.4	29.7	11.9	0.0
Loudon	62.3	5.7	5.7	17.0	28.3	5.7	0.0
McMinn	136.5	13.3	11.2	22.4	44.8	39.2	5.6
McNairy	224.4	17.3	46.0	63.3	69.0	28.8	0.0
Macon	77.0	7.0	7.0	42.0	14.0	7.0	0.0
Madison	140.7	6.1	12.2	55.0	42.8	24.5	0.0
Marion	251.7	6.0	53.9	71.9	89.9	30.0	0.0
Marshall	89.6	10.0	19.9	29.9	24.9	5.0	0.0
Maury	133.0	13.3	26.6	59.9	33.3	0.0	0.0
Meigs	82.9	0.0	5.9	17.8	53.3	5.9	0.0
Monroe	279.0	0.0	14.3	63.3	109.7	73.6	18.2
Montgomery	136.9	12.4	12.4	74.7	37.3	0.0	0.0
Moore	36.6	0.0	0.0	20.9	5.2	10.5	0.0
Morgan	276.2	5.6	28.2	90.2	112.7	33.8	5.6
Obion	67.6	0.0	0.0	18.4	18.4	24.6	6.1
Overton	170.4	0.0	13.6	40.9	81.8	34.1	0.0
Perry	223.6	5.7	51.6	97.5	63.1	5.7	0.0
Pickett	68.4	6.8	0.0	20.5	27.4	13.7	0.0
Polk	214.1	26.4	26.4	57.2	43.5	39.2	21.3
Putnam	152.3	10.9	21.8	38.1	65.3	16.3	0.0
Rhea	126.4	11.0	16.5	33.0	38.5	22.0	5.5
Roane	153.1	5.3	10.6	37.0	73.9	26.4	0.0
Robertson	53.0	0.0	7.6	30.3	15.2	0.0	0.0
Rutherford	155.7	33.4	44.5	38.9	33.4	5.6	0.0
Scott	300.3	21.8	16.4	60.1	152.9	43.7	5.5
Sequatchie	137.3	5.7	17.2	34.3	57.2	17.2	5.7
Sevier	127.5	0.0	14.2	28.3	56.6	23.6	4.7
Shelby	111.6	0.0	0.0	32.8	45.9	26.3	6.6
Smith	81.0	13.5	6.8	33.8	13.5	6.8	6.8
Stewart	219.7	18.8	43.9	87.9	69.0	0.0	0.0
Sullivan	123.6	3.7	14.4	32.5	48.5	24.5	0.0
Sumner	88.2	12.6	18.9	44.1	12.6	0.0	0.0
Tipton	50.9	0.0	0.0	29.1	21.8	0.0	0.0
Trousdale	30.0	0.0	0.0	18.0	12.0	0.0	0.0
Unicoi	89.4	0.0	0.0	12.4	49.9	16.7	10.4
Union	102.5	0.0	5.4	48.6	43.2	5.4	0.0
Van Buren	135.4	10.8	27.1	27.1	59.6	10.8	0.0
Warren	93.6	10.4	0.0	36.4	36.4	10.4	0.0
Washington	50.3	0.0	0.0	4.7	27.2	18.3	0.0
Wayne	372.6	37.9	63.2	164.2	107.4	0.0	0.0
Weakley	95.9	7.4	22.1	14.8	29.5	22.1	0.0
White	129.4	5.6	16.9	45.0	39.4	5.6	16.9
Williamson	142.0	5.3	5.3	68.4	42.1	15.8	5.3
Wilson	97.0	15.3	20.4	35.7	25.5	0.0	0.0
All counties	13,265.2	770.7	1,811.8	4,365.1	4,506.4	1,551.7	259.5

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.

Table 5.—*Biomass of wood and bark of live trees on timberland by county and species group, Tennessee, 1989**

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft†	Hard‡	All species	Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Anderson	26,591.5	0.0	2,475.9	1,421.1	6,977.4	15,717.1	14,751.9	0.0	1,232.5	678.0	3,616.2	9,225.1
Bedford	11,668.1	0.0	0.0	1,030.7	3,489.3	7,148.1	6,842.0	0.0	0.0	514.3	1,871.9	4,455.9
Benton	27,144.7	1,608.4	40.7	184.5	5,335.4	19,975.6	15,295.3	814.4	20.3	95.2	2,691.8	11,673.6
Bledsoe	26,851.9	3,529.3	3,816.2	260.1	3,694.9	15,551.3	14,765.9	1,767.2	1,863.0	123.8	1,963.8	9,048.1
Blount	14,133.4	615.0	3,507.1	35.2	1,932.9	8,043.2	7,644.1	298.2	1,699.1	17.8	990.5	4,638.4
Bradley	14,051.6	0.0	5,157.4	77.5	1,687.1	7,129.6	7,604.5	0.0	2,553.5	37.7	857.3	4,156.0
Campbell	49,661.4	1.9	4,901.1	741.8	13,137.7	30,878.9	27,979.3	1.0	2,414.2	364.1	6,860.2	18,339.8
Cannon	14,957.4	0.0	383.1	734.9	4,475.7	9,363.8	8,373.7	0.0	191.8	368.1	2,365.9	5,447.9
Carroll	34,490.7	635.8	876.5	400.2	11,155.7	21,422.5	18,745.5	315.5	432.7	203.1	5,760.2	12,034.0
Carter	37,561.7	0.0	2,704.6	1,754.0	10,350.7	22,752.3	20,905.0	0.0	1,289.4	828.0	5,368.2	13,419.4
Cheatam	22,316.0	0.0	45.4	519.0	3,949.9	17,801.7	12,915.8	0.0	22.1	254.9	2,012.2	10,626.5
Chester	16,232.5	1,266.7	2,010.5	255.6	4,318.8	8,380.9	8,645.9	619.2	982.3	128.8	2,206.1	4,709.5
Claiborne	30,109.7	0.0	897.8	286.8	7,459.3	21,465.8	17,225.4	0.0	435.9	143.4	3,871.0	12,775.2
Clay	12,638.8	0.0	90.6	500.3	1,732.8	10,315.1	7,371.2	0.0	47.1	252.0	902.5	6,169.7
Cocke	30,167.0	0.0	4,413.4	688.2	8,848.6	16,216.9	16,821.8	0.0	2,116.9	331.1	4,684.3	9,689.6
Coffee	23,132.4	0.0	0.0	0.0	4,020.7	19,111.6	12,794.4	0.0	0.0	0.0	2,113.7	10,680.7
Crockett	4,633.6	0.0	0.0	0.0	611.1	4,022.4	2,561.2	0.0	0.0	0.0	307.1	2,254.1
Cumberland	59,924.5	1,536.1	10,833.4	826.6	8,942.9	37,785.6	33,245.7	781.7	5,236.9	406.4	4,819.8	22,000.9
Davidson	18,623.2	0.0	139.5	838.2	1,416.7	16,228.9	10,992.9	0.0	69.7	421.3	745.8	9,756.0
Decatur	27,239.8	1,483.3	319.5	399.2	5,799.3	19,238.5	15,267.6	734.4	155.2	194.8	2,945.3	11,238.0
DeKalb	23,301.0	0.0	0.0	1,735.9	7,004.1	14,561.0	13,273.6	0.0	0.0	863.9	3,607.7	8,802.1
Dickson	31,482.4	0.0	0.0	262.2	4,358.1	26,862.1	18,260.6	0.0	0.0	132.7	2,261.5	15,866.4
Dyer	8,306.9	0.0	0.0	0.0	4,408.7	3,898.2	4,489.2	0.0	0.0	0.0	2,283.6	2,205.7
Fayette	33,286.7	0.0	1,585.4	1,364.8	5,708.3	24,628.1	17,999.2	0.0	793.1	684.1	2,944.9	13,577.2
Fentress	45,747.7	1,255.7	9,488.3	1,449.8	7,791.2	25,762.7	25,181.6	630.0	4,582.2	692.7	4,078.0	15,198.6
Franklin	26,187.0	0.0	0.0	610.5	2,288.6	23,287.9	15,282.2	0.0	0.0	305.3	1,173.2	13,803.6
Gibson	6,477.6	0.0	0.0	0.0	285.2	6,192.4	3,860.2	0.0	0.0	0.0	150.3	3,709.9
Giles	22,535.0	335.0	16.0	231.4	7,317.5	14,635.1	12,990.3	136.1	8.0	115.2	3,918.7	8,812.4
Grainger	21,243.8	0.0	1,567.8	275.5	6,277.7	13,122.7	11,998.2	0.0	768.5	135.5	3,207.1	7,887.0
Greene	33,786.2	0.0	3,376.4	953.3	7,663.4	21,793.1	19,092.8	0.0	1,646.3	481.5	3,987.1	12,978.0
Grundy	26,899.1	0.0	2,717.0	277.7	4,521.4	19,383.0	15,327.5	0.0	1,317.5	132.3	2,302.0	11,575.6
Hamblen	8,492.2	0.0	1,528.3	276.2	917.3	5,770.4	4,773.4	0.0	739.6	137.8	485.2	3,410.9
Hamilton	36,011.4	1,244.2	7,342.8	218.1	3,988.1	23,218.2	20,165.5	615.0	3,597.3	110.0	2,134.2	13,709.0
Hancock	11,221.0	0.0	191.0	240.7	1,984.7	8,804.5	6,429.2	0.0	95.8	119.7	1,021.5	5,192.2
Hardeman	44,752.4	2,751.2	2,641.3	871.0	9,748.9	28,739.9	24,063.8	1,357.2	1,292.6	451.3	4,983.9	15,978.8
Hardin	35,708.4	2,903.1	3,170.1	756.2	7,606.9	21,272.1	19,475.5	1,461.8	1,556.8	383.1	3,869.6	12,204.2
Hawkins	29,778.9	0.0	3,117.8	331.6	5,574.0	20,755.4	17,008.6	0.0	1,518.6	169.5	2,884.3	12,436.2
Haywood	17,548.6	0.0	0.0	6.8	5,302.8	12,239.0	9,529.3	0.0	0.0	3.7	2,685.9	6,839.7
Henderson	32,237.7	3,185.2	1,117.3	570.1	9,312.3	18,052.9	17,018.6	1,590.8	558.0	283.5	4,745.9	9,840.4
Henry	32,574.9	221.8	0.0	154.7	14,233.2	17,965.2	17,760.5	110.3	0.0	78.9	7,386.2	10,185.1
Hickman	54,863.7	882.2	449.6	301.2	8,254.4	44,976.3	31,634.9	438.4	224.7	150.5	4,235.1	26,586.1
Houston	17,123.7	0.0	0.0	133.3	3,011.3	13,979.0	9,946.3	0.0	0.0	67.9	1,547.1	8,331.3
Humphreys	38,924.8	0.0	181.3	243.6	5,781.1	32,718.7	22,420.2	0.0	92.6	120.2	2,896.6	19,310.7
Jackson	24,412.1	0.0	120.7	1,095.1	6,592.2	16,604.1	14,063.0	0.0	59.4	544.1	3,409.9	10,049.6
Jefferson	12,306.5	1,066.0	171.8	161.3	1,444.4	9,463.1	7,106.2	527.3	85.1	79.4	744.1	5,670.4
Johnson	27,916.8	73.3	2,507.9	919.0	7,291.4	17,125.3	15,506.5	29.3	1,096.1	438.7	3,820.7	10,121.8
Knox	25,447.2	0.0	3,598.1	923.1	6,174.7	14,751.3	14,058.1	0.0	1,749.7	464.6	3,237.2	8,606.5
Lake	5,765.7	0.0	0.0	2,277.8	1,646.7	1,841.2	3,490.7	0.0	0.0	1,274.4	906.6	1,309.7
Lauderdale	19,429.4	0.0	0.0	1,511.7	8,987.4	8,930.4	10,535.5	0.0	0.0	845.7	4,559.6	5,130.2
Lawrence	29,609.9	0.0	0.0	0.0	6,237.3	23,372.6	16,809.5	0.0	0.0	0.0	3,141.3	13,668.2
Lewis	23,144.7	155.8	112.1	0.0	2,869.9	20,007.0	13,389.9	80.9	54.6	0.0	1,461.2	11,793.2
Lincoln	18,803.6	0.0	0.0	1,519.4	5,151.1	12,133.2	10,960.1	0.0	0.0	762.1	2,761.0	7,437.0

Table 5.—*Biomass of wood and bark of live trees on timberland by county and species group, Tennessee, 1989* —Continued*

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft†	Hard‡	All species	Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Loudon	12,826.2	1,471.1	2,071.6	626.6	1,289.5	7,367.5	6,925.7	731.0	1,007.7	312.8	703.1	4,171.1
McMinn	26,221.8	2,836.7	6,803.6	288.7	4,834.3	11,458.5	13,990.6	1,390.2	3,300.1	148.7	2,480.1	6,671.6
McNairy	34,867.4	744.7	7,215.4	414.7	7,609.3	18,883.2	18,886.5	381.0	3,529.1	210.1	3,960.9	10,805.4
Macon	13,524.9	0.0	0.0	28.4	5,678.5	7,818.0	7,605.1	0.0	0.0	14.0	2,856.4	4,734.7
Madison	30,051.2	0.0	199.6	867.3	8,464.1	20,520.1	16,172.0	0.0	99.6	434.8	4,357.0	11,280.5
Marion	42,622.6	307.7	3,434.3	768.4	7,079.7	31,032.6	24,432.9	156.7	1,687.0	360.5	3,627.3	18,601.5
Marshall	11,736.3	0.0	0.0	1,293.7	2,633.4	7,809.2	6,805.8	0.0	0.0	647.1	1,431.9	4,726.8
Maury	17,720.0	0.0	0.0	180.3	5,596.6	11,943.2	10,450.0	0.0	0.0	92.2	3,115.4	7,242.3
Meigs	16,102.9	4,010.7	1,078.9	238.8	3,136.9	7,637.6	8,532.7	1,978.6	522.5	120.4	1,605.1	4,306.1
Monroe	59,154.1	202.5	18,915.6	1,900.3	11,198.3	26,937.4	31,712.7	90.0	9,096.3	932.0	5,859.5	15,735.0
Montgomery	22,580.3	0.0	510.9	337.3	6,324.4	15,407.8	12,734.3	0.0	255.1	168.8	3,334.7	8,975.7
Moore	7,413.9	0.0	0.0	391.4	1,163.9	5,858.5	4,352.7	0.0	0.0	194.5	615.9	3,542.3
Morgan	50,183.2	215.4	7,796.4	308.7	12,235.6	29,627.1	27,885.4	109.8	3,722.1	148.4	6,434.5	17,470.6
Obion	18,391.7	0.0	0.0	912.5	6,331.9	11,147.3	10,467.5	0.0	0.0	510.5	3,237.4	6,719.5
Overton	35,153.5	0.0	2,529.6	449.0	13,297.1	18,877.8	19,646.9	0.0	1,288.6	225.1	6,803.6	11,329.6
Perry	34,092.0	0.0	230.3	649.8	4,210.9	29,000.9	19,893.4	0.0	114.7	324.3	2,156.5	17,297.9
Pickett	13,811.5	0.0	150.4	618.8	3,653.0	9,389.3	7,811.6	0.0	72.1	298.4	1,863.5	5,577.7
Polk	38,783.4	0.0	18,454.8	1,168.7	4,905.4	14,254.5	20,168.2	0.0	8,817.0	573.4	2,533.5	8,244.3
Putnam	27,941.5	0.0	1,365.0	460.5	8,301.7	17,814.2	15,754.8	0.0	683.7	225.0	4,309.8	10,536.2
Rhea	23,566.8	1,703.8	2,512.7	297.0	5,394.9	13,658.5	13,088.9	823.8	1,203.5	142.4	2,806.6	8,112.6
Roane	30,820.8	1,235.7	3,016.4	14.7	7,623.4	18,930.6	17,022.2	613.1	1,479.9	8.0	3,946.0	10,975.3
Robertson	9,045.4	0.0	0.0	40.2	3,207.3	5,798.0	5,155.4	0.0	0.0	19.6	1,668.0	3,467.9
Rutherford	14,207.4	0.0	0.0	3,007.1	2,799.9	8,400.4	8,170.1	0.0	0.0	1,511.7	1,562.8	5,095.6
Scott	62,000.3	1,380.5	7,387.7	786.1	13,077.2	39,368.9	34,860.4	591.6	3,563.1	373.2	6,899.3	23,433.2
Sequatchie	23,164.7	583.7	5,500.6	673.2	3,767.4	12,640.0	12,704.1	295.0	2,704.7	315.8	2,003.5	7,385.1
Sevier	25,049.6	0.0	6,051.3	712.6	4,672.6	13,613.1	13,919.5	0.0	2,943.4	345.6	2,463.3	8,167.2
Shelby	26,866.8	0.0	0.0	195.5	17,605.4	9,065.9	14,390.9	0.0	0.0	102.7	9,043.1	5,245.2
Smith	13,697.1	0.0	0.0	610.4	4,041.4	9,045.4	8,037.7	0.0	0.0	307.3	2,173.3	5,557.1
Stewart	35,437.4	0.0	50.8	747.1	8,233.3	26,406.2	20,101.2	0.0	25.9	369.6	4,143.4	15,562.3
Sullivan	24,071.6	0.0	3,579.7	227.8	4,883.8	15,380.3	13,591.3	0.0	1,713.1	113.4	2,509.8	9,255.1
Sumner	12,267.4	0.0	0.0	410.8	4,037.8	7,818.8	6,944.2	0.0	0.0	202.1	2,068.9	4,673.2
Tipton	10,742.2	0.0	0.0	3.5	5,419.4	5,319.4	5,671.1	0.0	0.0	1.9	2,720.4	2,948.8
Trousdale	3,896.1	0.0	0.0	468.6	1,098.8	2,328.8	2,237.4	0.0	0.0	231.8	602.3	1,403.3
Unicoi	21,936.5	0.0	3,384.1	1,313.6	6,063.4	11,175.5	11,930.7	0.0	1,501.2	626.8	3,158.5	6,644.2
Union	18,061.0	0.0	2,041.0	843.0	5,465.6	9,711.4	9,822.9	0.0	1,002.4	424.8	2,754.5	5,641.3
Van Buren	22,186.4	543.7	3,579.9	702.8	4,333.0	13,027.0	12,109.2	275.7	1,719.8	328.5	2,277.9	7,507.4
Warren	17,632.8	0.0	0.0	56.6	4,123.2	13,453.0	10,106.4	0.0	0.0	28.0	2,125.9	7,952.4
Washington	13,094.4	344.5	952.6	741.1	2,585.7	8,470.6	7,285.1	163.7	446.2	348.5	1,338.0	4,988.6
Wayne	53,375.4	1,002.3	1,680.0	350.1	6,269.1	44,073.9	30,822.6	502.1	823.5	179.0	3,190.8	26,127.1
Weakley	19,237.3	1,517.2	59.8	306.4	6,515.2	10,838.7	10,883.2	756.1	29.6	170.0	3,430.7	6,496.8
White	26,363.5	2,917.8	336.6	135.3	7,568.0	15,405.8	14,793.2	1,464.8	170.5	66.5	3,905.0	9,186.4
Williamson	26,291.5	0.0	158.4	1,744.7	7,854.2	16,534.1	14,973.8	0.0	79.3	863.9	4,172.9	9,857.8
Wilson	9,943.1	0.0	0.0	3,013.7	1,326.9	5,602.5	5,632.0	0.0	0.0	1,511.9	724.9	3,395.2
All counties	2,383,591.1	45,767.8	198,661.5	59,931.8	544,982.6	1,534,247.4	1,333,132.1	22,631.8	96,200.8	29,925.0	282,760.5	901,614.0

*Numbers in columns and rows may not total due to rounding.
†Hardwood species with an average specific gravity of 0.50 or less.
‡Hardwood species with an average specific gravity greater than 0.50.

Table 6.—*Biomass of wood and bark of stems in live trees on timberland by county and species group, Tennessee, 1989**

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft†	Hard‡	All species	Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Anderson	20,231.9	0.0	2,050.6	1,093.9	5,477.4	11,610.1	11,313.6	0.0	1,039.4	514.7	2,902.0	6,857.5
Bedford	8,772.0	0.0	0.0	814.6	2,721.9	5,235.5	5,152.7	0.0	0.0	419.4	1,483.2	3,250.1
Benton	20,522.0	1,263.6	35.1	158.2	4,088.3	14,976.8	11,717.3	660.2	17.6	85.0	2,145.8	8,808.6
Bledsoe	20,728.2	2,792.4	3,150.2	189.7	2,934.3	11,661.6	11,607.4	1,431.7	1,577.5	87.5	1,638.6	6,872.1
Blount	10,999.8	509.6	2,889.7	26.9	1,475.6	6,098.0	6,048.2	253.1	1,452.4	14.0	788.4	3,540.4
Bradley	11,003.7	0.0	4,352.8	69.0	1,348.3	5,233.5	5,986.6	0.0	2,191.6	33.9	708.1	3,053.0
Campbell	38,059.8	1.7	4,049.2	614.4	10,346.7	23,047.9	21,539.1	0.9	2,035.9	305.1	5,496.2	13,701.1
Cannon	11,535.6	0.0	296.2	602.3	3,535.9	7,101.2	6,509.0	0.0	151.3	311.8	1,906.2	4,139.7
Carroll	26,384.0	548.0	733.9	343.4	8,875.1	15,883.6	14,396.3	273.2	363.8	180.8	4,617.9	8,960.6
Carter	29,064.1	0.0	2,217.8	1,354.7	8,232.1	17,259.6	16,232.6	0.0	1,113.6	627.3	4,345.4	10,146.3
Cheatam	17,074.2	0.0	39.2	434.1	3,134.7	13,466.2	9,975.5	0.0	19.3	217.2	1,637.6	8,101.5
Chester	12,665.0	1,068.6	1,701.6	206.1	3,411.0	6,277.8	6,820.2	530.2	841.4	107.9	1,775.5	3,565.2
Claiborne	22,923.9	0.0	780.9	214.4	5,838.4	16,090.1	13,242.1	0.0	383.6	111.3	3,158.0	9,589.2
Clay	9,570.4	0.0	75.0	436.0	1,358.1	7,701.3	5,652.6	0.0	40.1	226.6	739.7	4,646.2
Cocke	23,424.4	0.0	3,632.5	522.6	6,899.4	12,369.9	13,208.0	0.0	1,815.4	246.0	3,753.4	7,393.1
Coffee	17,202.0	0.0	0.0	0.0	3,117.8	14,084.1	9,512.1	0.0	0.0	0.0	1,653.3	7,858.8
Crockett	3,412.9	0.0	0.0	0.0	474.2	2,938.7	1,905.7	0.0	0.0	0.0	238.7	1,666.9
Cumberland	45,681.5	1,175.3	8,819.8	673.7	6,697.4	28,315.3	25,866.4	624.8	4,465.6	333.7	3,750.3	16,692.0
Davidson	13,740.9	0.0	113.4	726.7	1,126.0	11,774.8	8,138.4	0.0	60.2	376.2	603.3	7,098.7
Decatur	20,905.7	1,273.4	269.6	350.0	4,634.3	14,378.4	11,777.5	633.3	132.8	173.1	2,418.9	8,419.3
DeKalb	17,823.6	0.0	0.0	1,439.2	5,641.7	10,742.7	10,164.7	0.0	0.0	736.5	2,962.3	6,465.9
Dickson	23,551.8	0.0	0.0	222.0	3,396.9	19,932.9	13,789.6	0.0	0.0	116.7	1,820.7	11,852.1
Dyer	6,072.3	0.0	0.0	0.0	3,358.6	2,713.7	3,269.5	0.0	0.0	0.0	1,726.3	1,543.2
Fayette	24,987.0	0.0	1,309.0	1,152.5	4,535.8	17,989.7	13,485.4	0.0	665.5	596.5	2,381.7	9,841.6
Fentress	35,360.8	1,008.7	7,910.5	1,124.6	6,257.7	19,059.2	19,734.9	518.9	3,933.2	524.6	3,342.4	11,415.7
Franklin	19,689.5	0.0	0.0	502.9	1,788.0	17,398.6	11,576.1	0.0	0.0	259.7	949.7	10,366.8
Gibson	4,842.5	0.0	0.0	0.0	243.0	4,599.5	2,865.4	0.0	0.0	0.0	133.1	2,732.2
Giles	16,770.7	195.1	12.8	195.3	5,676.8	10,690.6	9,726.0	110.0	6.5	99.6	3,075.9	6,434.0
Grainger	16,485.9	0.0	1,295.6	234.0	4,962.6	9,993.7	9,396.0	0.0	653.9	117.4	2,608.3	6,016.4
Greene	25,733.3	0.0	2,835.2	805.4	6,066.7	16,026.0	14,605.9	0.0	1,421.6	419.3	3,216.5	9,548.5
Grundy	20,042.7	0.0	2,221.2	207.0	3,360.0	14,254.5	11,641.7	0.0	1,107.5	96.4	1,823.8	8,614.0
Hamblen	6,458.1	0.0	1,270.2	228.0	711.6	4,248.3	3,615.5	0.0	628.8	117.2	380.2	2,489.2
Hamilton	28,008.7	1,066.9	6,217.6	181.9	3,056.0	17,486.4	15,846.0	529.2	3,105.6	93.4	1,698.3	10,419.4
Hancock	8,541.1	0.0	159.8	193.9	1,583.1	6,604.3	4,950.9	0.0	81.2	99.5	826.8	3,943.3
Hardeman	34,273.1	2,322.9	2,260.2	741.8	7,678.9	21,269.4	18,436.3	1,164.3	1,122.4	396.0	3,960.9	11,792.6
Hardin	26,970.9	2,288.9	2,673.3	650.1	6,090.7	15,267.8	14,755.4	1,184.5	1,333.0	337.7	3,122.3	8,777.9
Hawkins	23,166.1	0.0	2,644.5	269.4	4,429.0	15,823.1	13,355.4	0.0	1,322.9	143.8	2,388.0	9,500.6
Haywood	12,649.0	0.0	0.0	6.0	4,204.7	8,438.3	6,779.2	0.0	0.0	3.5	2,139.0	4,636.7
Henderson	24,434.9	2,617.4	920.2	482.1	7,294.4	13,120.7	12,931.6	1,326.3	466.5	245.7	3,746.7	7,146.5
Henry	24,668.1	191.5	0.0	117.4	11,197.4	13,161.9	13,392.1	95.6	0.0	63.1	5,837.4	7,396.0
Hickman	41,614.0	720.6	371.5	255.0	6,571.4	33,695.5	24,230.4	366.3	187.8	130.8	3,479.7	20,065.9
Houston	12,884.9	0.0	0.0	119.7	2,336.7	10,428.5	7,511.2	0.0	0.0	63.0	1,228.4	6,219.7
Humphreys	29,112.5	0.0	146.9	193.2	4,524.2	24,248.2	16,893.7	0.0	76.6	97.6	2,363.9	14,355.6
Jackson	18,399.1	0.0	98.8	906.8	5,132.9	12,260.6	10,660.0	0.0	49.8	462.4	2,734.7	7,413.2
Jefferson	9,337.0	868.8	136.7	125.3	1,136.8	7,069.5	5,384.1	439.2	70.6	63.3	587.5	4,223.4
Johnson	21,484.8	32.2	1,872.9	700.5	5,709.4	13,169.7	12,191.0	23.0	938.6	328.2	3,072.8	7,828.4
Knox	19,529.0	0.0	2,973.1	802.0	4,896.7	10,857.3	10,832.9	0.0	1,481.5	416.6	2,592.2	6,342.6
Lake	4,487.7	0.0	0.0	1,899.2	1,212.5	1,376.0	2,630.2	0.0	0.0	1,062.5	670.3	897.3
Lauderdale	14,626.4	0.0	0.0	1,315.7	7,181.6	6,129.0	7,829.2	0.0	0.0	736.1	3,635.2	3,457.9
Lawrence	22,377.7	0.0	0.0	0.0	4,950.5	17,427.2	12,827.6	0.0	0.0	0.0	2,570.8	10,256.8
Lewis	17,514.1	139.8	94.4	0.0	2,292.3	14,987.6	10,236.5	76.1	46.8	0.0	1,221.4	8,892.3
Lincoln	14,251.6	0.0	0.0	1,244.9	3,954.2	9,052.5	8,364.3	0.0	0.0	646.0	2,137.0	5,581.3

Table 6.—*Biomass of wood and bark of stems in live trees on timberland by county and species group, Tennessee, 1989* — Continued*

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft†	Hard‡	All species	Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Loudon	9,861.8	1,254.8	1,721.6	529.8	975.0	5,380.6	5,356.1	627.7	855.6	271.4	537.4	3,064.0
McMinn	20,525.6	2,298.2	5,642.8	241.5	3,851.4	8,491.7	11,157.9	1,154.0	2,816.5	130.2	2,036.3	5,021.0
McNairy	27,226.0	566.4	6,161.8	339.6	5,988.8	14,169.5	14,923.9	303.2	3,059.6	178.1	3,208.4	8,174.7
Macon	10,479.5	0.0	0.0	23.3	4,602.3	5,853.8	5,901.9	0.0	0.0	11.8	2,342.1	3,548.0
Madison	22,435.9	0.0	166.1	732.9	6,737.0	14,799.9	12,003.7	0.0	85.3	376.0	3,465.7	8,076.7
Marion	32,850.5	245.6	2,881.0	617.1	5,550.8	23,556.1	19,057.2	131.2	1,442.7	283.0	2,943.5	14,256.8
Marshall	8,913.3	0.0	0.0	1,089.7	2,040.4	5,783.2	5,214.9	0.0	0.0	561.6	1,128.3	3,525.0
Maury	13,421.3	0.0	0.0	150.8	4,237.2	9,033.3	7,943.2	0.0	0.0	80.1	2,364.9	5,498.2
Meigs	12,679.7	3,355.1	928.8	202.1	2,474.0	5,719.7	6,755.4	1,679.4	456.6	104.9	1,275.4	3,239.2
Monroe	46,072.9	134.5	15,523.2	1,484.0	8,674.1	20,257.2	25,159.9	73.3	7,776.2	728.8	4,671.8	11,909.8
Montgomery	16,971.2	0.0	433.7	281.3	4,977.6	11,278.6	9,619.0	0.0	218.3	145.0	2,641.4	6,614.4
Moore	5,519.3	0.0	0.0	330.2	898.8	4,290.4	3,235.8	0.0	0.0	168.1	479.6	2,588.1
Morgan	38,351.5	160.9	6,341.6	238.2	9,541.7	22,069.0	21,785.5	86.1	3,177.5	115.3	5,196.3	13,210.3
Obion	13,690.7	0.0	0.0	802.4	5,026.9	7,861.4	7,656.2	0.0	0.0	448.9	2,583.5	4,623.8
Overton	27,422.6	0.0	2,035.9	382.2	10,752.3	14,252.2	15,458.3	0.0	1,060.4	199.5	5,603.3	8,595.1
Perry	26,130.0	0.0	196.5	524.0	3,297.5	22,111.9	15,406.0	0.0	101.3	270.1	1,749.8	13,284.8
Pickett	10,475.0	0.0	123.6	485.3	2,935.0	6,931.1	5,983.5	0.0	60.8	230.8	1,527.7	4,164.2
Polk	30,493.9	0.0	14,904.0	932.0	3,810.5	10,847.4	16,347.9	0.0	7,498.8	462.1	2,025.2	6,361.8
Putnam	21,263.8	0.0	1,119.2	389.3	6,542.7	13,212.6	12,084.5	0.0	572.1	191.6	3,466.8	7,854.0
Rhea	18,036.7	1,381.5	1,971.8	238.9	4,168.4	10,276.1	10,156.4	686.6	1,000.6	113.4	2,202.3	6,153.4
Roane	23,849.8	1,059.5	2,573.0	13.1	6,065.0	14,139.2	13,295.0	528.3	1,282.7	7.5	3,243.2	8,233.3
Robertson	6,786.9	0.0	0.0	35.5	2,567.9	4,183.6	3,826.6	0.0	0.0	17.5	1,334.0	2,475.2
Rutherford	10,843.1	0.0	0.0	2,464.7	2,082.4	6,296.0	6,307.0	0.0	0.0	1,281.0	1,179.9	3,846.1
Scott	47,219.7	961.6	6,155.0	595.6	10,161.3	29,346.1	26,905.3	496.0	3,067.6	273.3	5,547.2	17,521.2
Sequatchie	18,066.4	436.9	4,551.7	520.5	2,943.3	9,614.0	10,075.2	233.3	2,287.2	237.0	1,591.5	5,726.2
Sevier	19,658.9	0.0	5,031.9	575.4	3,682.7	10,368.9	11,067.2	0.0	2,505.7	277.2	1,991.8	6,292.4
Shelby	20,625.0	0.0	0.0	168.4	13,895.6	6,561.0	10,979.9	0.0	0.0	89.8	7,139.4	3,750.6
Smith	10,237.9	0.0	0.0	479.8	3,165.1	6,593.0	5,984.1	0.0	0.0	251.2	1,731.9	4,001.0
Stewart	26,540.1	0.0	41.2	626.5	6,489.4	19,383.1	15,143.4	0.0	21.5	316.1	3,355.8	11,450.0
Sullivan	18,538.4	0.0	2,875.2	160.5	3,907.7	11,595.1	10,541.5	0.0	1,462.6	80.5	2,059.2	6,939.2
Sumner	9,326.2	0.0	0.0	340.5	3,237.3	5,748.5	5,253.6	0.0	0.0	170.9	1,673.6	3,409.1
Tipton	7,903.9	0.0	0.0	3.1	4,261.9	3,638.9	4,177.8	0.0	0.0	1.8	2,144.5	2,031.5
Trousdale	3,012.4	0.0	0.0	372.2	861.7	1,778.5	1,763.6	0.0	0.0	189.4	476.7	1,097.5
Unicoi	16,755.8	0.0	2,515.9	1,042.3	4,815.9	8,381.7	9,358.5	0.0	1,275.4	488.4	2,568.2	5,026.6
Union	14,036.3	0.0	1,685.3	717.2	4,423.2	7,210.6	7,690.0	0.0	846.0	373.8	2,263.3	4,206.9
Van Buren	17,005.3	440.9	2,924.8	543.3	3,362.9	9,733.5	9,404.6	232.0	1,450.1	245.0	1,805.9	5,671.7
Warren	13,168.2	0.0	0.0	43.4	3,220.5	9,904.3	7,623.1	0.0	0.0	22.1	1,702.9	5,898.1
Washington	9,975.2	283.2	776.4	586.9	2,032.8	6,296.0	5,554.9	138.1	381.0	268.5	1,067.0	3,700.2
Wayne	40,582.4	778.0	1,405.8	296.6	4,915.5	33,186.4	23,757.2	405.5	703.5	158.1	2,586.0	19,904.1
Weakley	14,301.4	1,288.1	51.7	267.2	4,963.3	7,731.0	7,939.8	646.6	25.6	149.3	2,613.1	4,505.3
White	20,065.6	2,340.6	271.0	104.2	6,033.9	11,316.0	11,325.7	1,206.9	140.3	52.6	3,197.1	6,728.8
Williamson	19,570.5	0.0	124.3	1,492.8	6,180.1	11,773.4	11,151.3	0.0	63.2	756.0	3,327.1	7,004.9
Wilson	7,709.3	0.0	0.0	2,590.9	979.8	4,138.7	4,365.8	0.0	0.0	1,338.1	534.6	2,493.0
All counties	1,818,651.0	37,070.9	163,766.8	49,201.5	428,491.4	1,140,120.5	1,025,208.2	18,869.1	82,096.7	24,960.3	226,778.5	672,503.6

*Numbers in columns and rows may not total due to rounding.
†Hardwood species with an average specific gravity of 0.50 or less.
‡Hardwood species with an average specific gravity greater than 0.50.

Table 7.—*Biomass of wood and bark of crowns in live trees on timberland by county and species group, Tennessee, 1989**

County	Fresh weight						Dry weight					
		Softwood			Hardwood			Softwood			Hardwood	
		Pine						Pine				
	All species	Planted	Natural	Other	Soft†	Hard‡	All species	Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Anderson	6,359.6	0.0	425.3	327.2	1,500.1	4,107.0	3,438.3	0.0	193.2	163.3	714.2	2,367.6
Bedford	2,896.1	0.0	0.0	216.1	767.4	1,912.6	1,689.3	0.0	0.0	94.9	388.7	1,205.8
Benton	6,622.7	344.9	5.6	26.3	1,247.1	4,998.8	3,578.0	154.2	2.7	10.2	546.0	2,865.0
Bledsoe	6,123.6	736.9	666.0	70.4	760.7	3,889.7	3,158.5	335.5	285.5	36.3	325.2	2,176.0
Blount	3,133.5	105.4	617.3	8.3	457.3	1,945.3	1,595.9	45.1	246.7	3.9	202.1	1,098.1
Bradley	3,047.9	0.0	804.6	8.5	338.7	1,896.1	1,617.9	0.0	361.9	3.8	149.2	1,103.1
Campbell	11,601.5	0.2	851.9	127.5	2,791.0	7,831.0	6,440.1	0.1	378.3	59.1	1,364.0	4,638.7
Cannon	3,421.9	0.0	86.9	132.6	939.7	2,262.6	1,864.7	0.0	40.5	56.3	459.6	1,308.2
Carroll	8,106.7	87.8	142.6	56.8	2,280.6	5,538.9	4,349.2	42.3	68.9	22.3	1,142.3	3,073.4
Carter	8,497.5	0.0	486.9	399.4	2,118.6	5,492.6	4,672.4	0.0	175.8	200.7	1,022.8	3,273.1
Cheatam	5,241.8	0.0	6.1	84.9	815.2	4,335.6	2,940.3	0.0	2.8	37.8	374.6	2,525.0
Chester	3,567.4	198.1	308.9	49.6	907.8	2,103.0	1,825.7	89.0	140.9	20.9	430.6	1,144.2
Claiborne	7,185.9	0.0	116.9	72.4	1,620.8	5,375.7	3,983.3	0.0	52.3	32.2	712.9	3,185.9
Clay	3,068.5	0.0	15.6	64.3	374.7	2,613.8	1,718.6	0.0	7.0	25.4	162.8	1,523.5
Cocke	6,742.6	0.0	780.9	165.6	1,949.2	3,847.0	3,613.8	0.0	301.4	85.1	930.8	2,296.5
Coffee	5,930.4	0.0	0.0	0.0	902.9	5,027.5	3,282.4	0.0	0.0	0.0	460.5	2,821.9
Crockett	1,220.6	0.0	0.0	0.0	136.9	1,083.7	655.5	0.0	0.0	0.0	68.3	587.2
Cumberland	14,243.0	360.8	2,013.5	152.9	2,245.5	9,470.4	7,379.3	156.9	771.3	72.7	1,069.5	5,308.9
Davidson	4,882.3	0.0	26.1	111.4	290.7	4,454.1	2,854.5	0.0	9.5	45.2	142.5	2,657.4
Decatur	6,334.1	210.0	49.9	49.2	1,164.9	4,860.1	3,490.1	101.1	22.4	21.7	526.3	2,818.7
DeKalb	5,477.4	0.0	0.0	296.7	1,362.4	3,818.2	3,108.9	0.0	0.0	127.4	645.3	2,336.2
Dickson	7,930.6	0.0	0.0	40.3	961.1	6,929.2	4,471.1	0.0	0.0	16.0	440.8	4,014.2
Dyer	2,234.6	0.0	0.0	0.0	1,050.1	1,184.5	1,219.7	0.0	0.0	0.0	557.2	662.5
Fayette	8,299.6	0.0	276.4	212.3	1,172.6	6,638.4	4,513.8	0.0	127.5	87.6	563.2	3,735.5
Fentress	10,387.0	247.0	1,577.8	325.2	1,533.5	6,703.5	5,446.7	111.0	649.0	168.1	735.6	3,782.9
Franklin	6,497.5	0.0	0.0	107.6	500.6	5,889.3	3,706.1	0.0	0.0	45.7	223.5	3,436.8
Gibson	1,635.1	0.0	0.0	0.0	42.2	1,592.9	994.9	0.0	0.0	0.0	17.1	977.7
Giles	5,764.3	139.9	3.2	36.0	1,640.7	3,944.5	3,264.3	26.1	1.4	15.6	842.8	2,378.4
Grainger	4,757.8	0.0	272.2	41.5	1,315.1	3,129.0	2,602.2	0.0	114.7	18.1	598.8	1,870.7
Greene	8,052.9	0.0	541.1	147.9	1,596.8	5,767.1	4,487.0	0.0	224.7	62.2	770.6	3,429.5
Grundy	6,856.4	0.0	495.8	70.8	1,161.4	5,128.4	3,685.8	0.0	210.0	35.9	478.3	2,961.6
Hamblen	2,034.2	0.0	258.1	48.3	205.7	1,522.1	1,158.0	0.0	110.8	20.6	105.0	921.6
Hamilton	8,002.7	177.2	1,125.3	36.3	932.1	5,731.8	4,319.5	85.8	491.7	16.6	435.8	3,289.5
Hancock	2,679.9	0.0	31.3	46.9	401.6	2,200.1	1,478.3	0.0	14.6	20.2	194.7	1,248.9
Hardeman	10,479.3	428.4	381.1	129.2	2,070.0	7,470.5	5,627.5	192.9	170.3	55.3	1,023.0	4,186.1
Hardin	8,737.5	614.3	496.7	106.0	1,516.2	6,004.3	4,720.1	277.2	223.8	45.4	747.3	3,426.3
Hawkins	6,612.8	0.0	473.3	62.2	1,145.0	4,932.3	3,653.2	0.0	195.7	25.6	496.3	2,935.6
Haywood	4,899.6	0.0	0.0	0.8	1,098.1	3,800.7	2,750.1	0.0	0.0	0.2	546.9	2,203.0
Henderson	7,802.8	567.7	197.0	88.0	2,017.9	4,932.2	4,086.9	264.5	91.5	37.7	999.3	2,693.9
Henry	7,906.9	30.3	0.0	37.4	3,035.9	4,803.3	4,368.4	14.7	0.0	15.8	1,548.8	2,789.1
Hickman	13,249.7	161.7	78.2	46.2	1,682.9	11,280.7	7,404.4	72.1	36.9	19.7	755.5	6,520.2
Houston	4,238.8	0.0	0.0	13.6	674.6	3,550.5	2,435.2	0.0	0.0	4.9	318.7	2,111.6
Humphreys	9,812.3	0.0	34.5	50.5	1,256.9	8,470.5	5,526.5	0.0	16.0	22.7	532.7	4,955.1
Jackson	6,013.1	0.0	21.9	188.4	1,459.3	4,343.5	3,403.0	0.0	9.7	81.8	675.2	2,636.3
Jefferson	2,969.5	197.2	35.1	36.0	307.7	2,393.5	1,722.2	88.0	14.5	16.1	156.5	1,447.0
Johnson	6,432.0	41.1	635.0	218.5	1,581.9	3,955.5	3,315.6	6.3	157.5	110.5	747.9	2,293.3
Knox	5,918.2	0.0	625.0	121.2	1,278.0	3,894.0	3,225.2	0.0	268.2	48.0	645.0	2,264.0
Lake	1,278.0	0.0	0.0	378.6	434.2	465.1	860.5	0.0	0.0	211.8	236.4	412.3
Lauderdale	4,803.1	0.0	0.0	195.9	1,805.7	2,801.4	2,706.3	0.0	0.0	109.6	924.4	1,672.3
Lawrence	7,232.2	0.0	0.0	0.0	1,286.8	5,945.4	3,981.9	0.0	0.0	0.0	570.4	3,411.5
Lewis	5,630.6	16.0	17.7	0.0	577.6	5,019.3	3,153.4	4.9	7.8	0.0	239.8	2,900.9
Lincoln	4,552.1	0.0	0.0	274.5	1,196.9	3,080.7	2,595.7	0.0	0.0	116.1	623.9	1,855.7

Table 7.—*Biomass of wood and bark of crowns in live trees on timberland by county and species group, Tennessee, 1989*—Continued*

County	Fresh weight						Dry weight					
	All species	Softwood			Hardwood		All species	Softwood			Hardwood	
		Pine						Pine				
		Planted	Natural	Other	Soft†	Hard‡		Planted	Natural	Other	Soft†	Hard‡
	Million pounds											
Loudon	2,964.4	216.2	350.1	96.8	314.4	1,986.9	1,569.6	103.3	152.2	41.3	165.7	1,107.1
McMinn	5,696.2	538.5	1,160.9	47.2	982.8	2,966.9	2,832.8	236.2	483.6	18.5	443.9	1,650.6
McNairy	7,641.4	178.3	1,053.6	75.1	1,620.6	4,713.8	3,962.6	77.8	469.5	32.0	752.6	2,630.7
Macon	3,045.4	0.0	0.0	5.0	1,076.2	1,964.2	1,703.2	0.0	0.0	2.2	514.3	1,186.7
Madison	7,615.3	0.0	33.6	134.4	1,727.2	5,720.2	4,168.3	0.0	14.3	58.8	891.4	3,203.8
Marion	9,772.1	62.1	553.3	151.3	1,528.9	7,476.5	5,375.7	25.5	244.3	77.5	683.8	4,344.7
Marshall	2,823.0	0.0	0.0	204.0	593.0	2,026.0	1,590.8	0.0	0.0	85.5	303.5	1,201.8
Maury	4,298.7	0.0	0.0	29.5	1,359.3	2,909.8	2,506.8	0.0	0.0	12.1	750.5	1,744.1
Meigs	3,423.2	655.6	150.1	36.7	662.9	1,917.9	1,777.3	299.3	66.0	15.5	329.7	1,066.9
Monroe	13,081.2	67.9	3,392.4	416.3	2,524.2	6,680.3	6,552.7	16.6	1,320.0	203.2	1,187.7	3,825.1
Montgomery	5,609.1	0.0	77.2	55.9	1,346.8	4,129.2	3,115.3	0.0	36.8	23.8	693.3	2,361.3
Moore	1,894.5	0.0	0.0	61.3	265.2	1,568.1	1,117.0	0.0	0.0	26.4	136.4	954.2
Morgan	11,831.7	54.6	1,454.7	70.4	2,694.0	7,558.0	6,099.8	23.7	544.6	33.1	1,238.2	4,260.2
Obion	4,701.0	0.0	0.0	110.2	1,304.9	3,285.9	2,811.3	0.0	0.0	61.6	653.9	2,095.7
Overton	7,730.9	0.0	493.7	66.7	2,544.8	4,625.7	4,188.6	0.0	228.2	25.6	1,200.3	2,734.5
Perry	7,962.0	0.0	33.8	125.8	913.4	6,889.0	4,487.4	0.0	13.4	54.2	406.7	4,013.0
Pickett	3,336.5	0.0	26.8	133.4	718.0	2,458.3	1,828.1	0.0	11.3	67.6	335.8	1,413.5
Polk	8,289.4	0.0	3,550.7	236.7	1,094.8	3,407.2	3,820.3	0.0	1,318.2	111.3	508.2	1,882.6
Putnam	6,677.7	0.0	245.9	71.2	1,759.1	4,601.6	3,670.4	0.0	111.6	33.4	843.0	2,682.3
Rhea	5,530.1	322.3	540.9	58.0	1,226.5	3,382.4	2,932.5	137.2	202.8	29.0	604.4	1,959.1
Roane	6,971.0	176.2	443.4	1.6	1,558.4	4,791.4	3,727.2	84.7	197.2	0.5	702.7	2,742.1
Robertson	2,258.5	0.0	0.0	4.7	639.3	1,614.4	1,328.8	0.0	0.0	2.1	334.0	992.6
Rutherford	3,364.3	0.0	0.0	542.5	717.5	2,104.4	1,863.1	0.0	0.0	230.7	382.9	1,249.5
Scott	14,780.6	418.8	1,232.7	190.5	2,915.9	10,022.8	7,955.1	95.5	495.5	99.9	1,352.1	5,912.0
Sequatchie	5,098.3	146.8	948.8	152.6	824.1	3,026.0	2,628.9	61.6	417.5	78.8	412.0	1,658.9
Sevier	5,390.7	0.0	1,019.4	137.2	989.8	3,244.3	2,852.3	0.0	437.6	68.4	471.5	1,874.8
Shelby	6,241.7	0.0	0.0	27.0	3,709.8	2,504.9	3,411.0	0.0	0.0	12.8	1,903.7	1,494.5
Smith	3,459.3	0.0	0.0	130.6	876.3	2,452.4	2,053.6	0.0	0.0	56.1	441.4	1,556.1
Stewart	8,897.2	0.0	9.6	120.6	1,743.9	7,023.1	4,957.8	0.0	4.4	53.5	787.6	4,112.2
Sullivan	5,533.2	0.0	704.5	67.3	976.1	3,785.3	3,049.8	0.0	250.5	32.8	450.5	2,316.0
Sumner	2,941.2	0.0	0.0	70.3	800.6	2,070.3	1,690.6	0.0	0.0	31.2	395.3	1,264.2
Tipton	2,838.3	0.0	0.0	0.4	1,157.4	1,680.5	1,493.3	0.0	0.0	0.1	575.9	917.2
Trousdale	883.7	0.0	0.0	96.4	237.0	550.3	473.8	0.0	0.0	42.4	125.6	305.8
Unicoi	5,180.8	0.0	868.1	271.3	1,247.5	2,793.8	2,572.1	0.0	225.8	138.4	590.3	1,617.6
Union	4,024.7	0.0	355.7	125.8	1,042.4	2,500.9	2,132.9	0.0	156.3	51.0	491.1	1,434.4
Van Buren	5,181.0	102.7	655.1	159.5	970.2	3,293.5	2,704.5	43.7	269.7	83.5	472.0	1,835.7
Warren	4,464.6	0.0	0.0	13.2	902.8	3,548.7	2,483.2	0.0	0.0	5.9	423.0	2,054.3
Washington	3,119.2	61.3	176.2	154.2	552.9	2,174.6	1,730.2	25.6	65.2	80.0	271.1	1,288.4
Wayne	12,793.0	224.3	274.2	53.4	1,353.5	10,887.5	7,065.4	96.6	120.0	21.0	604.8	6,223.0
Weakley	4,935.9	229.1	8.1	39.2	1,551.9	3,107.7	2,943.4	109.5	4.0	20.8	817.6	1,991.6
White	6,297.8	577.2	65.6	31.1	1,534.1	4,089.8	3,467.6	257.9	30.2	13.9	708.0	2,457.5
Williamson	6,721.0	0.0	34.1	251.9	1,674.2	4,760.8	3,822.6	0.0	16.1	107.9	845.7	2,852.8
Wilson	2,233.7	0.0	0.0	422.8	347.1	1,463.8	1,266.2	0.0	0.0	173.7	190.3	902.3
All counties	564,940.1	8,696.9	34,894.7	10,730.3	116,491.2	394,127.0	307,923.9	3,762.7	14,104.1	4,964.7	55,982.0	229,110.3

*Numbers in columns and rows may not sum due to rounding.
†Hardwood species with an average specific gravity of 0.50 or less.
‡Hardwood species with an average specific gravity greater than 0.50.

Table 8. – *Wood and bark fresh weight of live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	3,897.0	22,694.5	0.0	0.0	60.1	1,769.9	0.0	0.0	3,836.9	20,924.6
Bedford	1,030.7	10,637.4	0.0	0.0	0.0	0.0	0.0	1,786.5	1,030.7	8,850.9
Benton	1,833.7	25,311.1	0.0	0.0	0.0	4,699.9	0.0	1,982.0	1,833.7	18,629.2
Bledsoe	7,605.6	19,246.3	0.0	0.0	992.6	1,495.6	3,129.3	2,485.5	3,483.7	15,265.2
Blount	4,157.3	9,976.1	0.0	0.0	0.0	0.0	656.2	835.6	3,501.0	9,140.5
Bradley	5,234.9	8,816.6	0.0	0.0	0.0	0.0	278.6	2,651.7	4,956.3	6,165.0
Campbell	5,644.8	44,016.6	0.0	0.0	1,614.1	9,048.5	0.0	1,292.9	4,030.6	33,675.2
Cannon	1,118.0	13,839.5	0.0	0.0	0.0	0.0	0.0	0.0	1,118.0	13,839.5
Carroll	1,912.5	32,578.3	0.0	0.0	756.7	3,965.8	146.5	811.6	1,009.3	27,800.9
Carter	4,458.7	33,103.0	872.4	17,835.3	0.0	0.0	0.0	0.0	3,586.3	15,267.7
Cheatam	564.4	21,751.6	0.0	0.0	0.0	6,307.3	0.0	0.0	564.4	15,444.3
Chester	3,532.8	12,699.6	0.0	0.0	699.5	1,833.9	1,078.2	2,435.7	1,755.1	8,430.0
Claiborne	1,184.7	28,925.1	0.0	0.0	0.0	0.0	0.0	0.0	1,184.7	28,925.1
Clay	590.9	12,047.9	0.0	0.0	0.0	0.0	0.0	0.0	590.9	12,047.9
Cocke	5,101.6	25,065.4	958.4	7,815.0	0.0	0.0	118.8	768.9	4,024.4	16,481.6
Coffee	0.0	23,132.4	0.0	0.0	0.0	2,293.9	0.0	0.0	0.0	20,838.4
Crockett	0.0	4,633.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,633.6
Cumberland	13,196.0	46,728.5	0.0	0.0	3,830.6	10,462.4	2,596.1	3,954.3	6,769.3	32,311.8
Davidson	977.7	17,645.6	0.0	0.0	339.7	1,023.4	0.0	0.0	637.9	16,622.2
Decatur	2,202.0	25,037.8	0.0	0.0	61.3	2,968.4	0.0	0.0	2,140.6	22,069.4
DeKalb	1,735.9	21,565.1	0.0	0.0	0.0	2,307.7	0.0	0.0	1,735.9	19,257.3
Dickson	262.2	31,220.2	0.0	0.0	0.0	0.0	0.0	0.0	262.2	31,220.2
Dyer	0.0	8,306.9	0.0	0.0	0.0	2,119.3	0.0	1,303.8	0.0	4,883.8
Fayette	2,950.2	30,336.4	0.0	0.0	0.0	0.0	0.0	0.0	2,950.2	30,336.4
Fentress	12,193.8	33,553.9	0.0	0.0	1,376.3	2,273.1	5,180.5	11,811.5	5,636.9	19,469.4
Franklin	610.5	25,576.4	0.0	0.0	85.8	1,886.0	0.0	0.0	524.7	23,690.5
Gibson	0.0	6,477.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,477.6
Giles	582.4	21,952.6	0.0	0.0	0.0	0.0	360.4	1,323.9	222.0	20,628.7
Grainger	1,843.3	19,400.4	0.0	0.0	0.0	0.0	0.0	0.0	1,843.3	19,400.4
Greene	4,329.7	29,456.6	556.1	7,878.3	0.0	0.0	0.0	0.0	3,773.6	21,578.2
Grundy	2,994.7	23,904.4	0.0	0.0	2.2	984.2	988.3	4,347.2	2,004.2	18,573.0
Hamblen	1,804.6	6,687.7	0.0	0.0	0.0	0.0	0.0	0.0	1,804.6	6,687.7
Hamilton	8,805.1	27,206.3	0.0	0.0	466.9	3,158.1	537.4	2,545.5	7,800.8	21,502.7
Hancock	431.8	10,789.2	0.0	0.0	0.0	0.0	0.0	0.0	431.8	10,789.2
Hardeman	6,263.5	38,488.8	0.0	0.0	0.0	2,251.9	310.3	2,043.4	5,953.2	34,193.6
Hardin	6,829.3	28,879.0	0.0	0.0	0.0	2,847.6	2,026.3	1,640.4	4,803.0	24,391.0
Hawkins	3,449.4	26,329.5	0.0	0.0	37.6	2,507.9	164.3	282.8	3,247.5	23,538.8
Haywood	6.8	17,541.8	0.0	0.0	0.0	0.0	0.0	4,717.4	6.8	12,824.4
Henderson	4,872.5	27,365.2	0.0	0.0	2,346.9	4,114.5	0.0	0.0	2,525.6	23,250.6
Henry	376.5	32,198.4	0.0	0.0	0.0	4,019.0	0.0	0.0	376.5	28,179.4
Hickman	1,633.0	53,230.6	0.0	0.0	0.0	0.0	205.9	11,408.0	1,427.1	41,822.7
Houston	133.3	16,990.3	0.0	0.0	0.0	0.0	0.0	0.0	133.3	16,990.3
Humphreys	425.0	38,499.8	0.0	0.0	0.0	0.0	0.0	1,277.7	425.0	37,222.1
Jackson	1,215.8	23,196.3	0.0	0.0	0.0	0.0	0.0	0.0	1,215.8	23,196.3
Jefferson	1,399.1	10,907.5	0.0	0.0	0.0	0.0	0.0	0.0	1,399.1	10,907.5
Johnson	3,500.1	24,416.6	1,005.1	11,061.3	0.0	0.0	0.0	0.0	2,495.1	13,355.3
Knox	4,521.2	20,926.0	0.0	0.0	0.0	0.0	0.0	0.0	4,521.2	20,926.0
Lake	2,277.8	3,487.9	0.0	0.0	2,277.8	3,487.9	0.0	0.0	0.0	0.0
Lauderdale	1,511.7	17,917.8	0.0	0.0	293.9	2,903.5	1,217.7	5,647.9	0.0	9,366.4
Lawrence	0.0	29,609.9	0.0	0.0	0.0	4,288.7	0.0	2,956.6	0.0	22,364.7
Lewis	267.9	22,876.8	0.0	0.0	0.0	3,034.8	267.9	4,534.0	0.0	15,308.0
Lincoln	1,519.4	17,284.2	0.0	0.0	0.0	0.0	0.0	0.0	1,519.4	17,284.2

Table 8.—*Wood and bark fresh weight of live trees on timberland by county and ownership class, Tennessee, 1989*—Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	4,169.3	8,656.9	0.0	0.0	19.0	1,699.8	0.0	0.0	4,150.3	6,957.1
McMinn	9,929.0	16,292.8	0.0	5.9	0.0	0.0	2,160.7	1,795.2	7,768.3	14,491.7
McNairy	8,374.8	26,492.6	0.0	0.0	36.3	873.8	1,326.1	3,733.1	7,012.4	21,885.7
Macon	28.4	13,496.5	0.0	0.0	0.0	0.0	0.0	0.0	28.4	13,496.5
Madison	1,066.9	28,984.2	0.0	0.0	193.5	266.6	0.0	0.0	873.4	28,717.7
Marion	4,510.4	38,112.2	0.0	0.0	108.2	2,990.2	381.3	2,505.9	4,020.8	32,616.2
Marshall	1,293.7	10,442.6	0.0	0.0	0.0	0.0	0.0	0.0	1,293.7	10,442.6
Maury	180.3	17,539.7	0.0	0.0	0.0	550.2	0.0	0.0	180.3	16,989.5
Meigs	5,328.3	10,774.6	0.0	0.0	585.3	1,473.7	1,337.6	541.7	3,405.5	8,759.2
Monroe	21,018.4	38,135.8	7,117.1	20,060.9	472.2	2,346.2	57.6	796.0	13,371.5	14,932.7
Montgomery	848.1	21,732.2	0.0	0.0	510.9	4,133.6	0.0	1,343.2	337.3	16,255.4
Moore	391.4	7,022.4	0.0	0.0	0.0	0.0	0.0	0.0	391.4	7,022.4
Morgan	8,320.5	41,862.7	0.0	0.0	1,089.1	6,089.7	215.4	3.5	7,016.0	35,769.5
Obion	912.5	17,479.2	0.0	0.0	768.9	1,996.1	0.0	5,244.4	143.6	10,238.8
Overton	2,978.6	32,175.0	0.0	0.0	652.7	2,691.6	0.0	0.0	2,325.8	29,483.3
Perry	880.1	33,211.8	0.0	0.0	82.9	790.0	158.9	10,381.4	638.4	22,040.4
Pickett	769.2	13,042.3	0.0	0.0	631.5	4,626.0	0.0	0.0	137.8	8,416.4
Polk	19,623.5	19,159.9	12,801.2	15,268.3	0.0	0.0	0.0	0.0	6,822.3	3,891.6
Putnam	1,825.6	26,116.0	0.0	0.0	361.1	662.8	0.0	0.0	1,464.5	25,453.1
Rhea	4,513.4	19,053.4	0.0	0.0	544.3	1,782.4	1,289.3	4,936.0	2,679.8	12,335.0
Roane	4,266.8	26,554.0	0.0	0.0	2,367.0	5,514.7	0.0	0.0	1,899.8	21,039.3
Robertson	40.2	9,005.3	0.0	0.0	0.0	0.0	0.0	0.0	40.2	9,005.3
Rutherford	3,007.1	11,200.3	0.0	0.0	291.9	1,247.5	0.0	0.0	2,715.3	9,952.8
Scott	9,554.2	52,446.1	0.0	0.0	1,747.9	9,182.5	579.1	1,568.7	7,227.1	41,694.9
Sequatchie	6,757.4	16,407.3	0.0	0.0	0.0	0.0	1,800.7	737.8	4,956.7	15,669.5
Sevier	6,763.9	18,285.7	0.0	0.0	0.0	0.0	0.0	0.0	6,763.9	18,285.7
Shelby	195.5	26,671.3	0.0	0.0	0.0	8,167.0	0.0	0.0	195.5	18,504.3
Smith	610.4	13,086.7	0.0	0.0	0.0	0.0	0.0	0.0	610.4	13,086.7
Stewart	797.9	34,639.4	0.0	0.0	615.6	9,674.3	131.5	11,950.0	50.9	13,015.1
Sullivan	3,807.5	20,264.1	2,336.3	5,716.6	28.1	2,346.0	0.0	0.0	1,443.0	12,201.6
Sumner	410.8	11,856.6	0.0	0.0	0.0	0.0	0.0	0.0	410.8	11,856.6
Tipton	3.5	10,738.8	0.0	0.0	0.0	0.0	0.0	0.0	3.5	10,738.8
Trousdale	468.6	3,427.5	0.0	0.0	0.0	0.0	0.0	0.0	468.6	3,427.5
Unicoi	4,697.6	17,238.9	3,337.8	7,784.6	65.6	1,690.4	0.0	0.0	1,294.2	7,763.9
Union	2,884.0	15,177.0	0.0	0.0	358.5	2,734.3	0.0	0.0	2,525.5	12,442.7
Van Buren	4,826.3	17,360.1	0.0	0.0	702.8	564.3	1,222.1	2,249.4	2,901.5	14,546.3
Warren	56.6	17,576.2	0.0	0.0	0.0	0.0	0.0	0.0	56.6	17,576.2
Washington	2,038.2	11,056.2	666.4	2,288.0	0.0	0.0	0.0	0.0	1,371.7	8,768.2
Wayne	3,032.4	50,343.0	0.0	0.0	0.0	0.0	1,191.0	16,308.6	1,841.4	34,034.4
Weakley	1,883.4	17,353.9	0.0	0.0	180.0	1,181.7	0.0	0.0	1,703.4	16,172.2
White	3,389.7	22,973.8	0.0	0.0	0.0	0.0	2,917.8	2,847.4	471.9	20,126.4
Williamson	1,903.1	24,388.4	0.0	0.0	0.0	0.0	0.0	0.0	1,903.1	24,388.4
Wilson	3,013.7	6,929.4	0.0	0.0	457.0	2,121.7	0.0	0.0	2,556.7	4,807.6
All counties	304,361.0	2,079,230.0	29,650.8	95,714.2	28,112.4	165,450.2	34,032.0	141,787.0	212,565.9	1,676,278.5

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 9. – *Wood and bark fresh weight of stems in live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	3,144.5	17,087.4	0.0	0.0	48.7	1,385.0	0.0	0.0	3,095.8	15,702.5
Bedford	814.6	7,957.3	0.0	0.0	0.0	0.0	0.0	1,436.6	814.6	6,520.7
Benton	1,456.9	19,065.1	0.0	0.0	0.0	3,548.8	0.0	1,469.1	1,456.9	14,047.2
Bledsoe	6,132.3	14,595.9	0.0	0.0	819.6	1,057.0	2,428.8	1,967.6	2,883.9	11,571.3
Blount	3,426.3	7,573.6	0.0	0.0	0.0	0.0	554.3	617.4	2,871.9	6,956.2
Bradley	4,421.8	6,581.9	0.0	0.0	0.0	0.0	240.1	1,939.2	4,181.7	4,642.7
Campbell	4,665.2	33,394.6	0.0	0.0	1,354.6	6,818.5	0.0	1,017.1	3,310.7	25,559.0
Cannon	898.5	10,637.1	0.0	0.0	0.0	0.0	0.0	0.0	898.5	10,637.1
Carroll	1,625.3	24,758.8	0.0	0.0	637.1	2,829.4	128.8	638.3	859.4	21,291.1
Carter	3,572.4	25,491.7	689.8	13,545.7	0.0	0.0	0.0	0.0	2,882.6	11,946.0
Cheatam	473.3	16,600.9	0.0	0.0	0.0	4,862.6	0.0	0.0	473.3	11,738.2
Chester	2,976.3	9,688.8	0.0	0.0	607.4	1,412.7	882.6	1,817.1	1,486.3	6,459.0
Claiborne	995.3	21,928.5	0.0	0.0	0.0	0.0	0.0	0.0	995.3	21,928.5
Clay	511.0	9,059.4	0.0	0.0	0.0	0.0	0.0	0.0	511.0	9,059.4
Cocke	4,155.1	19,269.3	788.3	6,013.2	0.0	0.0	78.2	585.6	3,288.6	12,670.5
Coffee	0.0	17,202.0	0.0	0.0	0.0	1,739.8	0.0	0.0	0.0	15,462.2
Crockett	0.0	3,412.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,412.9
Cumberland	10,668.8	35,012.6	0.0	0.0	3,176.4	7,778.5	2,017.3	2,949.9	5,475.1	24,284.2
Davidson	840.2	12,900.8	0.0	0.0	289.8	808.4	0.0	0.0	550.4	12,092.4
Decatur	1,892.9	19,012.8	0.0	0.0	54.2	2,154.2	0.0	0.0	1,838.7	16,858.6
DeKalb	1,439.2	16,384.4	0.0	0.0	0.0	1,835.7	0.0	0.0	1,439.2	14,548.7
Dickson	222.0	23,329.8	0.0	0.0	0.0	0.0	0.0	0.0	222.0	23,329.8
Dyer	0.0	6,072.3	0.0	0.0	0.0	1,586.4	0.0	980.6	0.0	3,505.3
Fayette	2,461.5	22,525.5	0.0	0.0	0.0	0.0	0.0	0.0	2,461.5	22,525.5
Fentress	10,043.9	25,316.9	0.0	0.0	1,146.1	1,729.6	4,318.6	8,823.3	4,579.2	14,763.9
Franklin	502.9	19,186.6	0.0	0.0	73.7	1,412.4	0.0	0.0	429.2	17,774.1
Gibson	0.0	4,842.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,842.5
Giles	403.2	16,367.4	0.0	0.0	0.0	0.0	217.2	994.5	186.0	15,372.9
Grainger	1,529.6	14,956.3	0.0	0.0	0.0	0.0	0.0	0.0	1,529.6	14,956.3
Greene	3,640.7	22,092.7	459.2	5,983.1	0.0	0.0	0.0	0.0	3,181.4	16,109.5
Grundy	2,428.2	17,614.5	0.0	0.0	2.0	689.5	801.1	3,108.4	1,625.1	13,816.7
Hamblen	1,498.2	4,959.9	0.0	0.0	0.0	0.0	0.0	0.0	1,498.2	4,959.9
Hamilton	7,466.3	20,542.4	0.0	0.0	395.0	2,389.9	458.5	1,961.4	6,612.9	16,191.1
Hancock	353.6	8,187.5	0.0	0.0	0.0	0.0	0.0	0.0	353.6	8,187.5
Hardeman	5,324.8	28,948.3	0.0	0.0	0.0	1,574.0	231.5	1,604.8	5,093.3	25,769.4
Hardin	5,612.3	21,358.5	0.0	0.0	0.0	1,940.2	1,587.2	1,277.6	4,025.2	18,140.6
Hawkins	2,913.9	20,252.2	0.0	0.0	31.1	1,875.3	146.4	234.9	2,736.4	18,142.0
Haywood	6.0	12,643.0	0.0	0.0	0.0	0.0	0.0	3,307.7	6.0	9,335.3
Henderson	4,019.8	20,415.1	0.0	0.0	1,907.6	3,117.0	0.0	0.0	2,112.1	17,298.1
Henry	308.8	24,359.2	0.0	0.0	0.0	3,037.1	0.0	0.0	308.8	21,322.1
Hickman	1,347.0	40,267.0	0.0	0.0	0.0	0.0	169.8	8,759.3	1,177.2	31,507.7
Houston	119.7	12,765.2	0.0	0.0	0.0	0.0	0.0	0.0	119.7	12,765.2
Humphreys	340.0	28,772.4	0.0	0.0	0.0	0.0	0.0	957.2	340.0	27,815.2
Jackson	1,005.6	17,393.5	0.0	0.0	0.0	0.0	0.0	0.0	1,005.6	17,393.5
Jefferson	1,130.7	8,206.3	0.0	0.0	0.0	0.0	0.0	0.0	1,130.7	8,206.3
Johnson	2,605.6	18,879.2	779.0	8,557.1	0.0	0.0	0.0	0.0	1,826.6	10,322.0
Knox	3,775.1	15,753.9	0.0	0.0	0.0	0.0	0.0	0.0	3,775.1	15,753.9
Lake	1,899.2	2,588.5	0.0	0.0	1,899.2	2,588.5	0.0	0.0	0.0	0.0
Lauderdale	1,315.7	13,310.6	0.0	0.0	244.6	2,241.7	1,071.1	3,968.2	0.0	7,100.7
Lawrence	0.0	22,377.7	0.0	0.0	0.0	3,244.6	0.0	2,257.9	0.0	16,875.2
Lewis	234.2	17,279.9	0.0	0.0	0.0	2,256.8	234.2	3,464.7	0.0	11,558.4
Lincoln	1,244.9	13,006.7	0.0	0.0	0.0	0.0	0.0	0.0	1,244.9	13,006.7

Table 9.—*Wood and bark fresh weight of stems in live trees on timberland by county and ownership class, Tennessee, 1989*—Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	3,506.2	6,355.6	0.0	0.0	15.7	1,288.2	0.0	0.0	3,490.5	5,067.4
McMinn	8,182.5	12,343.1	0.0	3.4	0.0	0.0	1,771.5	1,360.3	6,410.9	10,979.5
McNairy	7,067.8	20,158.2	0.0	0.0	31.1	674.4	1,019.7	2,865.6	6,016.9	16,618.2
Macon	23.3	10,456.2	0.0	0.0	0.0	0.0	0.0	0.0	23.3	10,456.2
Madison	899.0	21,536.9	0.0	0.0	166.2	207.1	0.0	0.0	732.8	21,329.8
Marion	3,743.6	29,106.9	0.0	0.0	70.5	2,287.0	308.3	1,924.9	3,364.8	24,895.0
Marshall	1,089.7	7,823.6	0.0	0.0	0.0	0.0	0.0	0.0	1,089.7	7,823.6
Maury	150.8	13,270.6	0.0	0.0	0.0	392.0	0.0	0.0	150.8	12,878.6
Meigs	4,485.9	8,193.7	0.0	0.0	521.3	1,088.1	1,084.6	413.9	2,880.1	6,691.8
Monroe	17,141.7	28,931.2	5,714.0	15,186.7	398.1	1,805.3	47.3	612.2	10,982.3	11,327.1
Montgomery	715.0	16,256.2	0.0	0.0	433.7	3,099.3	0.0	1,018.9	281.3	12,138.0
Moore	330.2	5,189.2	0.0	0.0	0.0	0.0	0.0	0.0	330.2	5,189.2
Morgan	6,740.8	31,610.7	0.0	0.0	901.9	4,559.8	160.9	2.8	5,678.0	27,048.1
Obion	802.4	12,888.3	0.0	0.0	670.7	1,460.9	0.0	3,952.0	131.7	7,475.5
Overton	2,418.2	25,004.4	0.0	0.0	513.2	2,084.6	0.0	0.0	1,905.0	22,919.8
Perry	720.5	25,409.5	0.0	0.0	64.3	602.3	127.4	8,038.1	528.8	16,769.1
Pickett	609.0	9,866.0	0.0	0.0	492.2	3,429.9	0.0	0.0	116.8	6,436.1
Polk	15,836.0	14,657.9	10,288.4	11,637.9	0.0	0.0	0.0	0.0	5,547.6	3,020.1
Putnam	1,508.5	19,755.3	0.0	0.0	311.6	501.8	0.0	0.0	1,196.9	19,253.4
Rhea	3,592.2	14,444.5	0.0	0.0	461.8	1,355.8	1,000.6	3,777.3	2,129.8	9,311.4
Roane	3,645.6	20,204.2	0.0	0.0	2,030.6	4,093.7	0.0	0.0	1,615.1	16,110.5
Robertson	35.5	6,751.5	0.0	0.0	0.0	0.0	0.0	0.0	35.5	6,751.5
Rutherford	2,464.7	8,378.4	0.0	0.0	261.3	910.3	0.0	0.0	2,203.4	7,468.1
Scott	7,712.2	39,507.5	0.0	0.0	1,429.4	6,803.4	497.8	1,179.2	5,785.0	31,524.9
Sequatchie	5,509.2	12,557.2	0.0	0.0	0.0	0.0	1,406.8	568.0	4,102.3	11,989.3
Sevier	5,607.2	14,051.6	0.0	0.0	0.0	0.0	0.0	0.0	5,607.2	14,051.6
Shelby	168.4	20,456.6	0.0	0.0	0.0	6,336.4	0.0	0.0	168.4	14,120.3
Smith	479.8	9,758.1	0.0	0.0	0.0	0.0	0.0	0.0	479.8	9,758.1
Stewart	667.7	25,872.4	0.0	0.0	519.5	7,005.3	102.6	8,993.6	45.6	9,873.6
Sullivan	3,035.7	15,502.7	1,838.5	4,408.4	17.4	1,806.5	0.0	0.0	1,179.8	9,287.9
Sumner	340.5	8,985.8	0.0	0.0	0.0	0.0	0.0	0.0	340.5	8,985.8
Tipton	3.1	7,900.9	0.0	0.0	0.0	0.0	0.0	0.0	3.1	7,900.9
Trousdale	372.2	2,640.2	0.0	0.0	0.0	0.0	0.0	0.0	372.2	2,640.2
Unicoi	3,558.2	13,197.6	2,527.7	5,935.6	46.0	1,298.6	0.0	0.0	984.5	5,963.4
Union	2,402.5	11,633.8	0.0	0.0	290.5	2,099.2	0.0	0.0	2,112.0	9,534.6
Van Buren	3,909.0	13,096.3	0.0	0.0	543.3	425.7	990.1	1,663.9	2,375.6	11,006.7
Warren	43.4	13,124.7	0.0	0.0	0.0	0.0	0.0	0.0	43.4	13,124.7
Washington	1,646.5	8,328.8	532.1	1,717.3	0.0	0.0	0.0	0.0	1,114.3	6,611.5
Wayne	2,480.5	38,101.9	0.0	0.0	0.0	0.0	932.7	12,511.8	1,547.7	25,590.1
Weakley	1,607.1	12,694.3	0.0	0.0	164.7	793.8	0.0	0.0	1,442.4	11,900.6
White	2,715.7	17,349.9	0.0	0.0	0.0	0.0	2,340.6	2,243.8	375.2	15,106.1
Williamson	1,617.1	17,953.4	0.0	0.0	0.0	0.0	0.0	0.0	1,617.1	17,953.4
Wilson	2,590.9	5,118.5	0.0	0.0	399.1	1,581.1	0.0	0.0	2,191.8	3,537.4
All counties	250,039.1	1,568,611.9	23,617.0	72,988.3	23,441.1	123,904.0	27,356.6	107,264.8	175,624.4	1,264,454.8

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 10. — *Wood and bark fresh weight of crowns in live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	752.5	5,607.1	0.0	0.0	11.4	384.9	0.0	0.0	741.1	5,222.2
Bedford	216.1	2,680.0	0.0	0.0	0.0	0.0	0.0	349.9	216.1	2,330.1
Benton	376.7	6,245.9	0.0	0.0	0.0	1,151.1	0.0	512.9	376.7	4,582.0
Bledsoe	1,473.3	4,650.4	0.0	0.0	173.0	438.6	700.5	517.9	599.8	3,693.9
Blount	731.0	2,402.5	0.0	0.0	0.0	0.0	101.9	218.2	629.1	2,184.3
Bradley	813.1	2,234.8	0.0	0.0	0.0	0.0	38.5	712.5	774.6	1,522.3
Campbell	979.5	10,622.0	0.0	0.0	259.6	2,230.0	0.0	275.8	720.0	8,116.2
Cannon	219.5	3,202.4	0.0	0.0	0.0	0.0	0.0	0.0	219.5	3,202.4
Carroll	287.2	7,819.5	0.0	0.0	119.6	1,136.4	17.7	173.3	149.9	6,509.8
Carter	886.3	7,611.3	182.6	4,289.6	0.0	0.0	0.0	0.0	703.7	3,321.7
Cheatam	91.1	5,150.7	0.0	0.0	0.0	1,444.7	0.0	0.0	91.1	3,706.0
Chester	556.6	3,010.9	0.0	0.0	92.2	421.2	195.6	618.7	268.8	1,971.0
Claiborne	189.3	6,996.5	0.0	0.0	0.0	0.0	0.0	0.0	189.3	6,996.5
Clay	79.9	2,988.5	0.0	0.0	0.0	0.0	0.0	0.0	79.9	2,988.5
Cocke	946.5	5,796.2	170.1	1,801.7	0.0	0.0	40.6	183.3	735.7	3,811.1
Coffee	0.0	5,930.4	0.0	0.0	0.0	554.2	0.0	0.0	0.0	5,376.2
Crockett	0.0	1,220.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,220.6
Cumberland	2,527.2	11,715.8	0.0	0.0	654.2	2,683.9	578.8	1,004.4	1,294.1	8,027.6
Davidson	137.5	4,744.8	0.0	0.0	50.0	215.0	0.0	0.0	87.6	4,529.8
Decatur	309.1	6,025.0	0.0	0.0	7.1	814.2	0.0	0.0	302.0	5,210.9
DeKalb	296.7	5,180.6	0.0	0.0	0.0	472.1	0.0	0.0	296.7	4,708.6
Dickson	40.3	7,890.3	0.0	0.0	0.0	0.0	0.0	0.0	40.3	7,890.3
Dyer	0.0	2,234.6	0.0	0.0	0.0	532.9	0.0	323.2	0.0	1,378.5
Fayette	488.7	7,810.9	0.0	0.0	0.0	0.0	0.0	0.0	488.7	7,810.9
Fentress	2,149.9	8,237.0	0.0	0.0	230.2	543.4	862.0	2,988.1	1,057.8	4,705.5
Franklin	107.6	6,389.9	0.0	0.0	12.1	473.5	0.0	0.0	95.5	5,916.4
Gibson	0.0	1,635.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,635.1
Giles	179.1	5,585.2	0.0	0.0	0.0	0.0	143.2	329.4	35.9	5,255.8
Grainger	313.7	4,444.1	0.0	0.0	0.0	0.0	0.0	0.0	313.7	4,444.1
Greene	689.0	7,363.9	96.8	1,895.2	0.0	0.0	0.0	0.0	592.2	5,468.7
Grundy	566.6	6,289.8	0.0	0.0	0.3	294.8	187.2	1,238.8	379.1	4,756.3
Hamblen	306.4	1,727.8	0.0	0.0	0.0	0.0	0.0	0.0	306.4	1,727.8
Hamilton	1,338.8	6,664.0	0.0	0.0	71.9	768.2	78.9	584.1	1,188.0	5,311.6
Hancock	78.2	2,601.7	0.0	0.0	0.0	0.0	0.0	0.0	78.2	2,601.7
Hardeman	938.7	9,540.6	0.0	0.0	0.0	677.9	78.8	438.5	859.9	8,424.1
Hardin	1,217.0	7,520.5	0.0	0.0	0.0	907.4	439.2	362.7	777.8	6,250.4
Hawkins	535.5	6,077.3	0.0	0.0	6.5	632.7	17.8	47.9	511.2	5,396.8
Haywood	0.8	4,898.8	0.0	0.0	0.0	0.0	0.0	1,409.7	0.8	3,489.1
Henderson	852.7	6,950.1	0.0	0.0	439.2	997.5	0.0	0.0	413.5	5,952.6
Henry	67.7	7,839.2	0.0	0.0	0.0	981.8	0.0	0.0	67.7	6,857.3
Hickman	286.0	12,963.7	0.0	0.0	0.0	0.0	36.1	2,648.7	250.0	10,315.0
Houston	13.6	4,225.1	0.0	0.0	0.0	0.0	0.0	0.0	13.6	4,225.1
Humphreys	84.9	9,727.4	0.0	0.0	0.0	0.0	0.0	320.5	84.9	9,406.9
Jackson	210.2	5,802.8	0.0	0.0	0.0	0.0	0.0	0.0	210.2	5,802.8
Jefferson	268.3	2,701.2	0.0	0.0	0.0	0.0	0.0	0.0	268.3	2,701.2
Johnson	894.5	5,537.5	226.1	2,504.2	0.0	0.0	0.0	0.0	668.4	3,033.3
Knox	746.2	5,172.1	0.0	0.0	0.0	0.0	0.0	0.0	746.2	5,172.1
Lake	378.6	899.4	0.0	0.0	378.6	899.4	0.0	0.0	0.0	0.0
Lauderdale	195.9	4,607.1	0.0	0.0	49.3	661.7	146.6	1,679.6	0.0	2,265.7
Lawrence	0.0	7,232.2	0.0	0.0	0.0	1,044.1	0.0	698.6	0.0	5,489.5
Lewis	33.7	5,596.9	0.0	0.0	0.0	778.0	33.7	1,069.3	0.0	3,749.6
Lincoln	274.5	4,277.5	0.0	0.0	0.0	0.0	0.0	0.0	274.5	4,277.5

Table 10.—*Wood and bark fresh weight of crowns in live trees on timberland by county and ownership class, Tennessee, 1989*—Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	663.1	2,301.3	0.0	0.0	3.2	411.6	0.0	0.0	659.9	1,889.7
McMinn	1,746.5	3,949.7	0.0	2.5	0.0	0.0	389.2	434.9	1,357.4	3,512.3
McNairy	1,307.1	6,334.3	0.0	0.0	5.2	199.4	306.4	867.4	995.4	5,267.5
Macon	5.0	3,040.3	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3,040.3
Madison	168.0	7,447.3	0.0	0.0	27.4	59.5	0.0	0.0	140.6	7,387.9
Marion	766.7	9,005.3	0.0	0.0	37.7	703.1	73.0	580.9	656.0	7,721.2
Marshall	204.0	2,619.0	0.0	0.0	0.0	0.0	0.0	0.0	204.0	2,619.0
Maury	29.5	4,269.2	0.0	0.0	0.0	158.3	0.0	0.0	29.5	4,110.9
Meigs	842.4	2,580.8	0.0	0.0	64.0	385.6	253.0	127.8	525.4	2,067.4
Monroe	3,876.7	9,204.5	1,403.1	4,874.2	74.1	540.9	10.3	183.8	2,389.2	3,605.5
Montgomery	133.1	5,476.0	0.0	0.0	77.2	1,034.3	0.0	324.3	55.9	4,117.4
Moore	61.3	1,833.2	0.0	0.0	0.0	0.0	0.0	0.0	61.3	1,833.2
Morgan	1,579.7	10,252.0	0.0	0.0	187.2	1,529.9	54.6	0.7	1,338.0	8,721.4
Obion	110.2	4,590.9	0.0	0.0	98.2	535.2	0.0	1,292.4	12.0	2,763.3
Overton	560.4	7,170.5	0.0	0.0	139.5	607.0	0.0	0.0	420.9	6,563.5
Perry	159.6	7,802.4	0.0	0.0	18.6	187.7	31.5	2,343.4	109.6	5,271.4
Pickett	160.2	3,176.3	0.0	0.0	139.3	1,196.0	0.0	0.0	21.0	1,980.3
Polk	3,787.4	4,502.0	2,512.7	3,630.4	0.0	0.0	0.0	0.0	1,274.7	871.6
Putnam	317.0	6,360.7	0.0	0.0	49.4	161.0	0.0	0.0	267.6	6,199.7
Rhea	921.2	4,608.9	0.0	0.0	82.5	426.6	288.8	1,158.7	550.0	3,023.6
Roane	621.2	6,349.8	0.0	0.0	336.5	1,421.0	0.0	0.0	284.7	4,928.9
Robertson	4.7	2,253.8	0.0	0.0	0.0	0.0	0.0	0.0	4.7	2,253.8
Rutherford	542.5	2,821.8	0.0	0.0	30.6	337.2	0.0	0.0	511.9	2,484.7
Scott	1,842.0	12,938.7	0.0	0.0	318.6	2,379.1	81.3	389.5	1,442.1	10,170.1
Sequatchie	1,248.2	3,850.1	0.0	0.0	0.0	0.0	393.8	169.9	854.4	3,680.2
Sevier	1,156.7	4,234.1	0.0	0.0	0.0	0.0	0.0	0.0	1,156.7	4,234.1
Shelby	27.0	6,214.7	0.0	0.0	0.0	1,830.7	0.0	0.0	27.0	4,384.0
Smith	130.6	3,328.7	0.0	0.0	0.0	0.0	0.0	0.0	130.6	3,328.7
Stewart	130.2	8,767.0	0.0	0.0	96.1	2,669.0	28.8	2,956.4	5.3	3,141.6
Sullivan	771.8	4,761.4	497.8	1,308.2	10.7	539.5	0.0	0.0	263.3	2,913.7
Sumner	70.3	2,870.9	0.0	0.0	0.0	0.0	0.0	0.0	70.3	2,870.9
Tipton	0.4	2,837.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	2,837.9
Trousdale	96.4	787.3	0.0	0.0	0.0	0.0	0.0	0.0	96.4	787.3
Unicoi	1,139.4	4,041.3	810.1	1,849.0	19.6	391.8	0.0	0.0	309.7	1,800.5
Union	481.5	3,543.2	0.0	0.0	68.0	635.2	0.0	0.0	413.5	2,908.1
Van Buren	917.3	4,263.7	0.0	0.0	159.5	138.6	232.0	585.5	525.8	3,539.6
Warren	13.2	4,451.5	0.0	0.0	0.0	0.0	0.0	0.0	13.2	4,451.5
Washington	391.7	2,727.5	134.3	570.8	0.0	0.0	0.0	0.0	257.4	2,156.7
Wayne	552.0	12,241.1	0.0	0.0	0.0	0.0	258.3	3,796.8	293.6	8,444.3
Weakley	276.4	4,659.6	0.0	0.0	15.3	387.9	0.0	0.0	261.0	4,271.7
White	673.9	5,623.9	0.0	0.0	0.0	0.0	577.2	603.5	96.7	5,020.4
Williamson	286.0	6,435.0	0.0	0.0	0.0	0.0	0.0	0.0	286.0	6,435.0
Wilson	422.8	1,810.9	0.0	0.0	57.9	540.7	0.0	0.0	364.9	1,270.2
All counties	54,321.9	510,618.2	6,033.7	22,725.9	4,671.3	41,546.3	6,675.4	34,522.3	36,941.5	411,823.8

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 11.—*Wood and bark dry weight of live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	1,910.5	12,841.4	0.0	0.0	30.7	1,038.7	0.0	0.0	1,879.8	11,802.7
Bedford	514.3	6,327.8	0.0	0.0	0.0	0.0	0.0	957.9	514.3	5,369.9
Benton	929.9	14,365.4	0.0	0.0	0.0	2,676.6	0.0	1,088.2	929.9	10,600.6
Bledsoe	3,754.0	11,011.9	0.0	0.0	480.8	813.3	1,564.5	1,418.1	1,708.7	8,780.5
Blount	2,015.2	5,628.9	0.0	0.0	0.0	0.0	319.1	470.9	1,696.1	5,158.0
Bradley	2,591.2	5,013.3	0.0	0.0	0.0	0.0	137.4	1,487.9	2,453.8	3,525.4
Campbell	2,779.4	25,199.9	0.0	0.0	792.8	5,089.9	0.0	750.8	1,986.6	19,359.2
Cannon	560.0	7,813.8	0.0	0.0	0.0	0.0	0.0	0.0	560.0	7,813.8
Carroll	951.3	17,794.2	0.0	0.0	376.1	2,171.9	74.0	452.3	501.2	15,170.0
Carter	2,117.4	18,787.6	416.4	10,151.1	0.0	0.0	0.0	0.0	1,701.0	8,636.5
Cheatam	277.0	12,638.7	0.0	0.0	0.0	3,636.5	0.0	0.0	277.0	9,002.2
Chester	1,730.3	6,915.6	0.0	0.0	338.0	965.8	533.4	1,366.1	858.9	4,583.6
Claiborne	579.3	16,646.1	0.0	0.0	0.0	0.0	0.0	0.0	579.3	16,646.1
Clay	299.1	7,072.2	0.0	0.0	0.0	0.0	0.0	0.0	299.1	7,072.2
Cocke	2,448.0	14,373.8	460.2	4,448.8	0.0	0.0	55.7	432.9	1,932.0	9,492.1
Coffee	0.0	12,794.4	0.0	0.0	0.0	1,284.6	0.0	0.0	0.0	11,509.9
Crockett	0.0	2,561.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,561.2
Cumberland	6,425.0	26,820.7	0.0	0.0	1,849.3	5,872.8	1,295.0	2,220.3	3,280.6	18,727.6
Davidson	491.0	10,501.9	0.0	0.0	169.8	630.3	0.0	0.0	321.2	9,871.5
Decatur	1,084.4	14,183.3	0.0	0.0	29.8	1,771.0	0.0	0.0	1,054.6	12,412.3
DeKalb	863.9	12,409.7	0.0	0.0	0.0	1,238.8	0.0	0.0	863.9	11,170.9
Dickson	132.7	18,127.9	0.0	0.0	0.0	0.0	0.0	0.0	132.7	18,127.9
Dyer	0.0	4,489.2	0.0	0.0	0.0	1,199.3	0.0	660.0	0.0	2,630.0
Fayette	1,477.1	16,522.1	0.0	0.0	0.0	0.0	0.0	0.0	1,477.1	16,522.1
Fentress	5,904.9	19,276.7	0.0	0.0	666.8	1,297.1	2,524.3	6,823.2	2,713.7	11,156.3
Franklin	305.3	14,976.9	0.0	0.0	44.2	1,076.8	0.0	0.0	261.2	13,900.1
Gibson	0.0	3,860.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,860.2
Giles	259.3	12,731.1	0.0	0.0	0.0	0.0	148.5	774.4	110.8	11,956.6
Grainger	904.1	11,094.1	0.0	0.0	0.0	0.0	0.0	0.0	904.1	11,094.1
Greene	2,127.7	16,965.1	261.6	4,502.0	0.0	0.0	0.0	0.0	1,866.1	12,463.1
Grundy	1,449.8	13,877.7	0.0	0.0	1.2	548.7	478.8	2,499.1	969.7	10,829.9
Hamblen	877.4	3,896.1	0.0	0.0	0.0	0.0	0.0	0.0	877.4	3,896.1
Hamilton	4,322.4	15,843.2	0.0	0.0	224.5	1,835.9	258.4	1,499.6	3,839.4	12,507.7
Hancock	215.5	6,213.7	0.0	0.0	0.0	0.0	0.0	0.0	215.5	6,213.7
Hardeman	3,101.2	20,962.7	0.0	0.0	0.0	1,273.9	157.9	1,159.8	2,943.2	18,528.9
Hardin	3,401.7	16,073.8	0.0	0.0	0.0	1,554.4	1,023.7	889.3	2,378.0	13,630.1
Hawkins	1,688.1	15,320.5	0.0	0.0	17.7	1,494.2	84.8	138.1	1,585.6	13,688.3
Haywood	3.7	9,525.6	0.0	0.0	0.0	0.0	0.0	2,613.5	3.7	6,912.0
Henderson	2,432.2	14,586.3	0.0	0.0	1,172.7	2,145.1	0.0	0.0	1,259.5	12,441.3
Henry	189.2	17,571.3	0.0	0.0	0.0	2,171.2	0.0	0.0	189.2	15,400.1
Hickman	813.7	30,821.2	0.0	0.0	0.0	0.0	102.8	6,558.4	710.8	24,262.8
Houston	67.9	9,878.4	0.0	0.0	0.0	0.0	0.0	0.0	67.9	9,878.4
Humphreys	212.8	22,207.3	0.0	0.0	0.0	0.0	0.0	725.1	212.8	21,482.3
Jackson	603.6	13,459.5	0.0	0.0	0.0	0.0	0.0	0.0	603.6	13,459.5
Jefferson	691.8	6,414.5	0.0	0.0	0.0	0.0	0.0	0.0	691.8	6,414.5
Johnson	1,564.1	13,942.4	457.1	6,240.2	0.0	0.0	0.0	0.0	1,106.9	7,702.3
Knox	2,214.3	11,843.7	0.0	0.0	0.0	0.0	0.0	0.0	2,214.3	11,843.7
Lake	1,274.4	2,216.3	0.0	0.0	1,274.4	2,216.3	0.0	0.0	0.0	0.0
Lauderdale	845.7	9,689.7	0.0	0.0	164.5	1,596.6	681.3	3,088.7	0.0	5,004.4
Lawrence	0.0	16,809.5	0.0	0.0	0.0	2,436.2	0.0	1,702.6	0.0	12,670.7
Lewis	135.6	13,254.3	0.0	0.0	0.0	1,779.4	135.6	2,593.2	0.0	8,881.7
Lincoln	762.1	10,198.0	0.0	0.0	0.0	0.0	0.0	0.0	762.1	10,198.0

Table 11. – *Wood and bark dry weight of live trees on timberland by county and ownership class, Tennessee, 1989* – Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	2,051.5	4,874.2	0.0	0.0	9.4	962.0	0.0	0.0	2,042.2	3,912.1
McMinn	4,838.9	9,151.7	0.0	2.9	0.0	0.0	1,075.9	985.5	3,763.0	8,163.4
McNairy	4,120.2	14,766.3	0.0	0.0	17.7	508.7	669.9	2,206.8	3,432.7	12,050.7
Macon	14.0	7,591.1	0.0	0.0	0.0	0.0	0.0	0.0	14.0	7,591.1
Madison	534.5	15,637.5	0.0	0.0	98.2	132.2	0.0	0.0	436.3	15,505.3
Marion	2,204.1	22,228.8	0.0	0.0	54.3	1,741.1	192.5	1,448.1	1,957.4	19,039.6
Marshall	647.1	6,158.7	0.0	0.0	0.0	0.0	0.0	0.0	647.1	6,158.7
Maury	92.2	10,357.8	0.0	0.0	0.0	313.7	0.0	0.0	92.2	10,044.1
Meigs	2,621.5	5,911.2	0.0	0.0	281.0	754.8	671.3	293.1	1,669.3	4,863.3
Monroe	10,118.2	21,594.4	3,399.6	11,429.4	225.5	1,314.1	27.1	452.1	6,466.1	8,398.9
Montgomery	423.9	12,310.4	0.0	0.0	255.1	2,401.9	0.0	775.3	168.8	9,133.2
Moore	194.5	4,158.3	0.0	0.0	0.0	0.0	0.0	0.0	194.5	4,158.3
Morgan	3,980.3	23,905.0	0.0	0.0	507.8	3,559.3	109.8	2.0	3,362.7	20,343.8
Obion	510.5	9,957.0	0.0	0.0	430.2	1,201.5	0.0	3,049.6	80.4	5,705.8
Overton	1,513.7	18,133.2	0.0	0.0	344.3	1,527.0	0.0	0.0	1,169.3	16,606.2
Perry	439.0	19,454.3	0.0	0.0	40.9	452.7	78.7	6,072.6	319.5	12,929.0
Pickett	370.4	7,441.2	0.0	0.0	303.7	2,636.6	0.0	0.0	66.8	4,804.6
Polk	9,390.4	10,777.8	6,104.7	8,605.2	0.0	0.0	0.0	0.0	3,285.7	2,172.6
Putnam	908.7	14,846.1	0.0	0.0	176.9	391.6	0.0	0.0	731.8	14,454.5
Rhea	2,169.7	10,919.2	0.0	0.0	271.7	1,024.8	631.3	2,833.0	1,266.7	7,061.4
Roane	2,101.0	14,921.3	0.0	0.0	1,171.8	3,137.2	0.0	0.0	929.1	11,784.1
Robertson	19.6	5,135.8	0.0	0.0	0.0	0.0	0.0	0.0	19.6	5,135.8
Rutherford	1,511.7	6,658.4	0.0	0.0	148.6	709.1	0.0	0.0	1,363.1	5,949.4
Scott	4,527.8	30,332.5	0.0	0.0	837.0	5,306.9	281.9	905.1	3,408.9	24,120.6
Sequatchie	3,315.5	9,388.6	0.0	0.0	0.0	0.0	896.4	424.4	2,419.1	8,964.2
Sevier	3,289.0	10,630.5	0.0	0.0	0.0	0.0	0.0	0.0	3,289.0	10,630.5
Shelby	102.7	14,288.2	0.0	0.0	0.0	4,489.7	0.0	0.0	102.7	9,798.5
Smith	307.3	7,730.4	0.0	0.0	0.0	0.0	0.0	0.0	307.3	7,730.4
Stewart	395.5	19,705.7	0.0	0.0	302.7	5,606.7	65.7	6,850.2	27.1	7,248.8
Sullivan	1,826.4	11,764.9	1,092.7	3,297.7	14.2	1,345.8	0.0	0.0	719.6	7,121.4
Sumner	202.1	6,742.1	0.0	0.0	0.0	0.0	0.0	0.0	202.1	6,742.1
Tipton	1.9	5,669.1	0.0	0.0	0.0	0.0	0.0	0.0	1.9	5,669.1
Trousdale	231.8	2,005.6	0.0	0.0	0.0	0.0	0.0	0.0	231.8	2,005.6
Unicoi	2,128.0	9,802.7	1,511.5	4,454.3	32.5	963.3	0.0	0.0	584.0	4,385.1
Union	1,427.1	8,395.8	0.0	0.0	175.5	1,526.7	0.0	0.0	1,251.6	6,869.0
Van Buren	2,323.9	9,785.2	0.0	0.0	328.5	333.5	600.8	1,258.8	1,394.7	8,193.0
Warren	28.0	10,078.3	0.0	0.0	0.0	0.0	0.0	0.0	28.0	10,078.3
Washington	958.4	6,326.7	315.0	1,318.5	0.0	0.0	0.0	0.0	643.4	5,008.2
Wayne	1,504.7	29,317.9	0.0	0.0	0.0	0.0	596.2	9,460.5	908.5	19,857.4
Weakley	955.7	9,927.5	0.0	0.0	100.7	705.7	0.0	0.0	855.0	9,221.8
White	1,701.8	13,091.4	0.0	0.0	0.0	0.0	1,464.8	1,575.1	237.1	11,516.3
Williamson	943.2	14,030.7	0.0	0.0	0.0	0.0	0.0	0.0	943.2	14,030.7
Wilson	1,511.9	4,120.2	0.0	0.0	232.0	1,233.1	0.0	0.0	1,279.8	2,887.1
All counties	148,757.6	1,184,374.5	14,018.9	54,450.0	13,993.4	94,095.0	16,937.5	80,962.5	103,807.8	954,867.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 12. — *Wood and bark dry weight of stems in live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	1,554.0	9,759.6	0.0	0.0	25.4	818.5	0.0	0.0	1,528.6	8,941.1
Bedford	419.4	4,733.3	0.0	0.0	0.0	0.0	0.0	768.8	419.4	3,964.5
Benton	762.9	10,954.4	0.0	0.0	0.0	2,051.4	0.0	806.2	762.9	8,096.7
Bledsoe	3,096.7	8,510.7	0.0	0.0	406.6	586.0	1,248.2	1,156.4	1,441.8	6,768.3
Blount	1,719.5	4,328.7	0.0	0.0	0.0	0.0	274.3	373.0	1,445.1	3,955.7
Bradley	2,225.5	3,761.0	0.0	0.0	0.0	0.0	118.5	1,106.1	2,107.1	2,654.9
Campbell	2,341.9	19,197.2	0.0	0.0	679.1	3,822.7	0.0	594.5	1,662.8	14,780.0
Cannon	463.1	6,045.9	0.0	0.0	0.0	0.0	0.0	0.0	463.1	6,045.9
Carroll	817.8	13,578.5	0.0	0.0	321.7	1,548.5	66.8	357.7	429.4	11,672.3
Carter	1,740.9	14,491.8	338.7	7,729.9	0.0	0.0	0.0	0.0	1,402.1	6,761.9
Cheatam	236.4	9,739.1	0.0	0.0	0.0	2,854.8	0.0	0.0	236.4	6,884.3
Chester	1,479.5	5,340.8	0.0	0.0	295.7	748.0	444.2	1,037.9	739.6	3,554.9
Claiborne	494.9	12,747.3	0.0	0.0	0.0	0.0	0.0	0.0	494.9	12,747.3
Clay	266.7	5,385.9	0.0	0.0	0.0	0.0	0.0	0.0	266.7	5,385.9
Cocke	2,061.4	11,146.5	388.3	3,468.1	0.0	0.0	39.0	330.2	1,634.1	7,348.3
Coffee	0.0	9,512.1	0.0	0.0	0.0	966.6	0.0	0.0	0.0	8,545.4
Crockett	0.0	1,905.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,905.7
Cumberland	5,424.1	20,442.3	0.0	0.0	1,594.8	4,422.2	1,053.5	1,690.7	2,775.9	14,329.4
Davidson	436.4	7,702.0	0.0	0.0	148.9	500.7	0.0	0.0	287.4	7,201.3
Decatur	939.3	10,838.2	0.0	0.0	26.6	1,287.0	0.0	0.0	912.6	9,551.2
DeKalb	736.5	9,428.2	0.0	0.0	0.0	997.9	0.0	0.0	736.5	8,430.3
Dickson	116.7	13,672.8	0.0	0.0	0.0	0.0	0.0	0.0	116.7	13,672.8
Dyer	0.0	3,269.5	0.0	0.0	0.0	914.5	0.0	493.2	0.0	1,861.8
Fayette	1,262.1	12,223.3	0.0	0.0	0.0	0.0	0.0	0.0	1,262.1	12,223.3
Fentress	4,976.8	14,758.1	0.0	0.0	566.8	1,004.7	2,152.8	5,188.8	2,257.2	8,564.7
Franklin	259.7	11,316.5	0.0	0.0	39.6	833.1	0.0	0.0	220.0	10,483.4
Gibson	0.0	2,865.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,865.4
Giles	216.2	9,509.8	0.0	0.0	0.0	0.0	120.9	590.7	95.3	8,919.1
Grainger	771.3	8,624.7	0.0	0.0	0.0	0.0	0.0	0.0	771.3	8,624.7
Greene	1,840.9	12,765.0	226.4	3,442.6	0.0	0.0	0.0	0.0	1,614.5	9,322.4
Grundy	1,203.9	10,437.8	0.0	0.0	1.2	396.5	392.0	1,875.6	810.8	8,165.7
Hamblen	746.0	2,869.4	0.0	0.0	0.0	0.0	0.0	0.0	746.0	2,869.4
Hamilton	3,728.2	12,117.8	0.0	0.0	193.3	1,423.5	221.9	1,167.8	3,313.0	9,526.5
Hancock	180.7	4,770.1	0.0	0.0	0.0	0.0	0.0	0.0	180.7	4,770.1
Hardeman	2,682.7	15,753.6	0.0	0.0	0.0	880.1	122.9	898.4	2,559.9	13,975.1
Hardin	2,855.3	11,900.1	0.0	0.0	0.0	1,044.2	826.2	709.2	2,029.0	10,146.8
Hawkins	1,466.8	11,888.6	0.0	0.0	15.0	1,111.8	79.7	117.6	1,372.0	10,659.3
Haywood	3.5	6,775.7	0.0	0.0	0.0	0.0	0.0	1,808.3	3.5	4,967.4
Henderson	2,038.5	10,893.2	0.0	0.0	971.3	1,624.9	0.0	0.0	1,067.1	9,268.3
Henry	158.7	13,233.5	0.0	0.0	0.0	1,615.0	0.0	0.0	158.7	11,618.5
Hickman	684.9	23,545.5	0.0	0.0	0.0	0.0	85.7	5,139.7	599.3	18,405.8
Houston	63.0	7,448.2	0.0	0.0	0.0	0.0	0.0	0.0	63.0	7,448.2
Humphreys	174.2	16,719.5	0.0	0.0	0.0	0.0	0.0	554.8	174.2	16,164.7
Jackson	512.1	10,147.9	0.0	0.0	0.0	0.0	0.0	0.0	512.1	10,147.9
Jefferson	573.1	4,811.0	0.0	0.0	0.0	0.0	0.0	0.0	573.1	4,811.0
Johnson	1,289.8	10,901.2	391.1	4,833.4	0.0	0.0	0.0	0.0	898.7	6,067.8
Knox	1,898.1	8,934.8	0.0	0.0	0.0	0.0	0.0	0.0	1,898.1	8,934.8
Lake	1,062.5	1,567.6	0.0	0.0	1,062.5	1,567.6	0.0	0.0	0.0	0.0
Lauderdale	736.1	7,093.1	0.0	0.0	136.9	1,205.9	599.2	2,137.9	0.0	3,749.2
Lawrence	0.0	12,827.6	0.0	0.0	0.0	1,854.6	0.0	1,341.5	0.0	9,631.5
Lewis	122.9	10,113.6	0.0	0.0	0.0	1,316.0	122.9	2,050.3	0.0	6,747.4
Lincoln	646.0	7,718.3	0.0	0.0	0.0	0.0	0.0	0.0	646.0	7,718.3

Table 12. – *Wood and bark dry weight of stems in live trees on timberland by county and ownership class, Tennessee, 1989* – Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	1,754.7	3,601.4	0.0	0.0	7.9	732.4	0.0	0.0	1,746.8	2,869.0
McMinn	4,100.6	7,057.3	0.0	2.6	0.0	0.0	900.5	760.4	3,200.1	6,294.3
McNairy	3,540.9	11,383.0	0.0	0.0	15.4	402.7	530.4	1,718.5	2,995.1	9,261.8
Macon	11.8	5,890.1	0.0	0.0	0.0	0.0	0.0	0.0	11.8	5,890.1
Madison	461.4	11,542.4	0.0	0.0	87.4	103.7	0.0	0.0	373.9	11,438.6
Marion	1,856.9	17,200.3	0.0	0.0	36.6	1,362.6	162.3	1,158.5	1,658.0	14,679.2
Marshall	561.6	4,653.3	0.0	0.0	0.0	0.0	0.0	0.0	561.6	4,653.3
Maury	80.1	7,863.1	0.0	0.0	0.0	222.8	0.0	0.0	80.1	7,640.3
Meigs	2,240.8	4,514.6	0.0	0.0	252.5	549.4	554.6	224.5	1,433.7	3,740.7
Monroe	8,578.3	16,581.6	2,879.9	8,727.3	194.3	1,023.7	22.9	358.9	5,481.3	6,471.7
Montgomery	363.2	9,255.8	0.0	0.0	218.3	1,816.9	0.0	589.9	145.0	6,849.0
Moore	168.1	3,067.7	0.0	0.0	0.0	0.0	0.0	0.0	168.1	3,067.7
Morgan	3,378.9	18,406.6	0.0	0.0	441.6	2,695.0	86.1	1.8	2,851.2	15,709.8
Obion	448.9	7,207.3	0.0	0.0	375.2	850.3	0.0	2,232.6	73.7	4,124.3
Overton	1,259.9	14,198.4	0.0	0.0	278.0	1,200.9	0.0	0.0	981.8	12,997.6
Perry	371.4	15,034.6	0.0	0.0	32.7	346.5	64.5	4,747.0	274.2	9,941.0
Pickett	291.6	5,691.9	0.0	0.0	233.9	1,974.6	0.0	0.0	57.7	3,717.3
Polk	7,960.9	8,387.0	5,181.0	6,640.7	0.0	0.0	0.0	0.0	2,780.0	1,746.3
Putnam	763.7	11,320.8	0.0	0.0	154.7	318.0	0.0	0.0	608.9	11,002.8
Rhea	1,800.7	8,355.7	0.0	0.0	232.8	767.6	515.9	2,213.1	1,051.9	5,375.1
Roane	1,818.5	11,476.5	0.0	0.0	1,011.5	2,334.9	0.0	0.0	807.0	9,141.6
Robertson	17.5	3,809.2	0.0	0.0	0.0	0.0	0.0	0.0	17.5	3,809.2
Rutherford	1,281.0	5,026.0	0.0	0.0	137.7	520.3	0.0	0.0	1,143.3	4,505.7
Scott	3,836.9	23,068.4	0.0	0.0	712.6	3,958.0	245.9	694.0	2,878.4	18,416.3
Sequatchie	2,757.5	7,317.7	0.0	0.0	0.0	0.0	723.8	334.2	2,033.7	6,983.5
Sevier	2,782.9	8,284.2	0.0	0.0	0.0	0.0	0.0	0.0	2,782.9	8,284.2
Shelby	89.8	10,890.0	0.0	0.0	0.0	3,470.3	0.0	0.0	89.8	7,419.7
Smith	251.2	5,732.9	0.0	0.0	0.0	0.0	0.0	0.0	251.2	5,732.9
Stewart	337.6	14,805.8	0.0	0.0	259.5	4,089.9	52.6	5,185.5	25.5	5,530.4
Sullivan	1,543.1	8,998.4	932.5	2,563.9	9.3	1,027.6	0.0	0.0	601.3	5,407.0
Sumner	170.9	5,082.7	0.0	0.0	0.0	0.0	0.0	0.0	170.9	5,082.7
Tipton	1.8	4,176.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4,176.0
Trousdale	189.4	1,574.2	0.0	0.0	0.0	0.0	0.0	0.0	189.4	1,574.2
Unicoi	1,763.7	7,594.8	1,247.0	3,466.7	23.6	756.2	0.0	0.0	493.2	3,371.9
Union	1,219.8	6,470.2	0.0	0.0	145.6	1,198.8	0.0	0.0	1,074.2	5,271.4
Van Buren	1,927.1	7,477.6	0.0	0.0	245.0	251.6	502.2	938.3	1,179.9	6,287.7
Warren	22.1	7,601.0	0.0	0.0	0.0	0.0	0.0	0.0	22.1	7,601.0
Washington	787.7	4,767.2	260.9	990.1	0.0	0.0	0.0	0.0	526.8	3,777.1
Wayne	1,267.1	22,490.1	0.0	0.0	0.0	0.0	484.8	7,381.1	782.3	15,109.0
Weakley	821.4	7,118.3	0.0	0.0	92.1	464.5	0.0	0.0	729.3	6,653.8
White	1,399.8	9,925.9	0.0	0.0	0.0	0.0	1,206.9	1,265.2	192.9	8,660.7
Williamson	819.2	10,332.1	0.0	0.0	0.0	0.0	0.0	0.0	819.2	10,332.1
Wilson	1,338.1	3,027.6	0.0	0.0	209.4	922.0	0.0	0.0	1,128.7	2,105.6
All counties	125,926.1	899,282.1	11,845.8	41,865.2	11,893.4	70,758.0	14,022.2	62,098.9	88,164.7	724,560.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 13. – *Wood and bark dry weight of crowns in live trees on timberland by county and ownership class, Tennessee, 1989**

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	356.5	3,081.8	0.0	0.0	5.3	220.2	0.0	0.0	351.2	2,861.6
Bedford	94.9	1,594.5	0.0	0.0	0.0	0.0	0.0	189.0	94.9	1,405.4
Benton	167.0	3,410.9	0.0	0.0	0.0	625.1	0.0	282.0	167.0	2,503.9
Bledsoe	657.3	2,501.2	0.0	0.0	74.2	227.3	316.3	261.8	266.9	2,012.1
Blount	295.7	1,300.2	0.0	0.0	0.0	0.0	44.8	97.9	250.9	1,202.2
Bradley	365.7	1,252.3	0.0	0.0	0.0	0.0	18.9	381.8	346.8	870.5
Campbell	437.4	6,002.7	0.0	0.0	113.7	1,267.1	0.0	156.3	323.8	4,579.2
Cannon	96.8	1,767.9	0.0	0.0	0.0	0.0	0.0	0.0	96.8	1,767.9
Carroll	133.5	4,215.7	0.0	0.0	54.5	623.5	7.2	94.5	71.8	3,497.7
Carter	376.5	4,295.9	77.7	2,421.3	0.0	0.0	0.0	0.0	298.8	1,874.6
Cheatam	40.6	2,899.7	0.0	0.0	0.0	781.7	0.0	0.0	40.6	2,118.0
Chester	250.8	1,574.8	0.0	0.0	42.3	217.8	89.3	328.2	119.3	1,028.7
Claiborne	84.4	3,898.8	0.0	0.0	0.0	0.0	0.0	0.0	84.4	3,898.8
Clay	32.4	1,686.3	0.0	0.0	0.0	0.0	0.0	0.0	32.4	1,686.3
Cocke	386.5	3,227.3	71.9	980.7	0.0	0.0	16.8	102.7	297.9	2,143.9
Coffee	0.0	3,282.4	0.0	0.0	0.0	317.9	0.0	0.0	0.0	2,964.4
Crockett	0.0	655.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	655.5
Cumberland	1,000.9	6,378.3	0.0	0.0	254.6	1,450.5	241.6	529.6	504.8	4,398.2
Davidson	54.7	2,799.8	0.0	0.0	20.9	129.6	0.0	0.0	33.8	2,670.2
Decatur	145.1	3,345.1	0.0	0.0	3.1	483.9	0.0	0.0	142.0	2,861.1
DeKalb	127.4	2,981.5	0.0	0.0	0.0	240.9	0.0	0.0	127.4	2,740.6
Dickson	16.0	4,455.1	0.0	0.0	0.0	0.0	0.0	0.0	16.0	4,455.1
Dyer	0.0	1,219.7	0.0	0.0	0.0	284.7	0.0	166.8	0.0	768.2
Fayette	215.1	4,298.8	0.0	0.0	0.0	0.0	0.0	0.0	215.1	4,298.8
Fentress	928.1	4,518.6	0.0	0.0	100.0	292.4	371.5	1,634.5	456.6	2,591.7
Franklin	45.7	3,660.4	0.0	0.0	4.6	243.7	0.0	0.0	41.1	3,416.6
Gibson	0.0	994.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	994.9
Giles	43.1	3,221.2	0.0	0.0	0.0	0.0	27.6	183.7	15.5	3,037.5
Grainger	132.8	2,469.5	0.0	0.0	0.0	0.0	0.0	0.0	132.8	2,469.5
Greene	286.9	4,200.1	35.2	1,059.4	0.0	0.0	0.0	0.0	251.6	3,140.7
Grundy	245.9	3,439.9	0.0	0.0	0.1	152.3	86.8	623.5	159.0	2,664.2
Hamblen	131.3	1,026.6	0.0	0.0	0.0	0.0	0.0	0.0	131.3	1,026.6
Hamilton	594.1	3,725.4	0.0	0.0	31.2	412.4	36.5	331.8	526.4	2,981.2
Hancock	34.7	1,443.6	0.0	0.0	0.0	0.0	0.0	0.0	34.7	1,443.6
Hardeman	418.4	5,209.1	0.0	0.0	0.0	393.8	35.0	261.4	383.4	4,553.8
Hardin	546.5	4,173.7	0.0	0.0	0.0	510.3	197.4	180.1	349.0	3,483.3
Hawkins	221.3	3,431.9	0.0	0.0	2.7	382.5	5.1	20.5	213.6	3,028.9
Haywood	0.2	2,749.8	0.0	0.0	0.0	0.0	0.0	805.2	0.2	1,944.6
Henderson	393.8	3,693.2	0.0	0.0	201.4	520.2	0.0	0.0	192.4	3,173.0
Henry	30.5	4,337.8	0.0	0.0	0.0	556.2	0.0	0.0	30.5	3,781.7
Hickman	128.7	7,275.7	0.0	0.0	0.0	0.0	17.2	1,418.7	111.6	5,857.0
Houston	4.9	2,430.3	0.0	0.0	0.0	0.0	0.0	0.0	4.9	2,430.3
Humphreys	38.7	5,487.8	0.0	0.0	0.0	0.0	0.0	170.2	38.7	5,317.6
Jackson	91.4	3,311.6	0.0	0.0	0.0	0.0	0.0	0.0	91.4	3,311.6
Jefferson	118.7	1,603.5	0.0	0.0	0.0	0.0	0.0	0.0	118.7	1,603.5
Johnson	274.3	3,041.2	66.0	1,406.7	0.0	0.0	0.0	0.0	208.3	1,634.5
Knox	316.2	2,909.0	0.0	0.0	0.0	0.0	0.0	0.0	316.2	2,909.0
Lake	211.8	648.7	0.0	0.0	211.8	648.7	0.0	0.0	0.0	0.0
Lauderdale	109.6	2,596.6	0.0	0.0	27.6	390.7	82.0	950.8	0.0	1,255.2
Lawrence	0.0	3,981.9	0.0	0.0	0.0	581.6	0.0	361.1	0.0	3,039.2
Lewis	12.7	3,140.7	0.0	0.0	0.0	463.4	12.7	543.0	0.0	2,134.3
Lincoln	116.1	2,479.7	0.0	0.0	0.0	0.0	0.0	0.0	116.1	2,479.7

Table 13. – *Wood and bark dry weight of crowns in live trees on timberland by county and ownership class, Tennessee, 1989* – Continued*

County	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loudon	296.9	1,272.7	0.0	0.0	1.5	229.6	0.0	0.0	295.4	1,043.1
McMinn	738.3	2,094.5	0.0	0.2	0.0	0.0	175.4	225.1	562.9	1,869.1
McNairy	579.3	3,383.3	0.0	0.0	2.2	106.1	139.5	488.3	437.5	2,788.9
Macon	2.2	1,701.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1,701.0
Madison	73.1	4,095.2	0.0	0.0	10.8	28.5	0.0	0.0	62.3	4,066.7
Marion	347.3	5,028.5	0.0	0.0	17.7	378.5	30.2	289.6	299.4	4,360.4
Marshall	85.5	1,505.3	0.0	0.0	0.0	0.0	0.0	0.0	85.5	1,505.3
Maury	12.1	2,494.6	0.0	0.0	0.0	90.9	0.0	0.0	12.1	2,403.8
Meigs	380.7	1,396.6	0.0	0.0	28.5	205.4	116.6	68.6	235.6	1,122.6
Monroe	1,539.9	5,012.8	519.7	2,702.1	31.1	290.4	4.2	93.2	984.9	1,927.1
Montgomery	60.7	3,054.6	0.0	0.0	36.8	585.0	0.0	185.4	23.8	2,284.2
Moore	26.4	1,090.6	0.0	0.0	0.0	0.0	0.0	0.0	26.4	1,090.6
Morgan	601.4	5,498.4	0.0	0.0	66.2	864.3	23.7	0.2	511.5	4,634.0
Obion	61.6	2,749.7	0.0	0.0	54.9	351.2	0.0	817.0	6.7	1,581.5
Overton	253.8	3,934.8	0.0	0.0	66.3	326.1	0.0	0.0	187.5	3,608.6
Perry	67.7	4,419.7	0.0	0.0	8.2	106.2	14.2	1,325.6	45.3	2,987.9
Pickett	78.8	1,749.3	0.0	0.0	69.7	662.0	0.0	0.0	9.1	1,087.4
Polk	1,429.5	2,390.8	923.7	1,964.5	0.0	0.0	0.0	0.0	505.7	426.3
Putnam	145.1	3,525.3	0.0	0.0	22.2	73.6	0.0	0.0	122.9	3,451.7
Rhea	369.0	2,563.5	0.0	0.0	38.9	257.2	115.4	620.0	214.8	1,686.3
Roane	282.4	3,444.8	0.0	0.0	160.3	802.3	0.0	0.0	122.1	2,642.5
Robertson	2.1	1,326.6	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1,326.6
Rutherford	230.7	1,632.4	0.0	0.0	10.9	188.8	0.0	0.0	219.8	1,443.6
Scott	690.9	7,264.1	0.0	0.0	124.4	1,348.9	36.0	211.0	530.6	5,704.3
Sequatchie	558.0	2,070.9	0.0	0.0	0.0	0.0	172.6	90.2	385.4	1,980.7
Sevier	506.0	2,346.3	0.0	0.0	0.0	0.0	0.0	0.0	506.0	2,346.3
Shelby	12.8	3,398.2	0.0	0.0	0.0	1,019.4	0.0	0.0	12.8	2,378.8
Smith	56.1	1,997.5	0.0	0.0	0.0	0.0	0.0	0.0	56.1	1,997.5
Stewart	57.9	4,899.9	0.0	0.0	43.2	1,516.7	13.1	1,664.7	1.6	1,718.4
Sullivan	283.3	2,766.5	160.1	733.8	4.9	318.2	0.0	0.0	118.3	1,714.4
Sumner	31.2	1,659.4	0.0	0.0	0.0	0.0	0.0	0.0	31.2	1,659.4
Tipton	0.1	1,493.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	1,493.1
Trousdale	42.4	431.4	0.0	0.0	0.0	0.0	0.0	0.0	42.4	431.4
Unicoi	364.3	2,207.9	264.5	987.6	8.9	207.1	0.0	0.0	90.8	1,013.2
Union	207.3	1,925.6	0.0	0.0	29.9	328.0	0.0	0.0	177.4	1,597.6
Van Buren	396.9	2,307.7	0.0	0.0	83.5	81.9	98.5	320.5	214.8	1,905.2
Warren	5.9	2,477.3	0.0	0.0	0.0	0.0	0.0	0.0	5.9	2,477.3
Washington	170.7	1,559.5	54.1	328.4	0.0	0.0	0.0	0.0	116.6	1,231.1
Wayne	237.6	6,827.8	0.0	0.0	0.0	0.0	111.4	2,079.4	126.2	4,748.4
Weakley	134.2	2,809.2	0.0	0.0	8.6	241.2	0.0	0.0	125.7	2,568.0
White	302.1	3,165.5	0.0	0.0	0.0	0.0	257.9	309.9	44.2	2,855.6
Williamson	124.0	3,698.6	0.0	0.0	0.0	0.0	0.0	0.0	124.0	3,698.6
Wilson	173.7	1,092.5	0.0	0.0	22.6	311.1	0.0	0.0	151.1	781.5
All counties	22,831.6	285,092.4	2,173.1	12,584.7	2,100.0	23,337.0	2,915.3	18,863.6	15,643.1	230,307.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 14. — *Wood and bark fresh weight of live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	3,897.0	22,694.5	1,742.6	663.7	872.0	759.2	1,282.5	21,271.7	0.0	0.0
Bedford	1,030.7	10,637.4	689.1	596.3	224.3	415.6	26.0	8,252.2	91.2	1,373.2
Benton	1,833.7	25,311.1	1,339.8	136.3	453.1	573.1	40.7	24,154.5	0.0	447.2
Bledsoe	7,605.6	19,246.3	5,173.5	1,373.6	1,402.4	2,691.8	1,029.8	15,180.8	0.0	0.0
Blount	4,157.3	9,976.1	2,047.0	676.5	1,567.1	2,595.9	543.2	6,703.8	0.0	0.0
Bradley	5,234.9	8,816.6	4,559.2	1,058.8	319.6	129.6	356.1	7,628.2	0.0	0.0
Campbell	5,644.8	44,016.6	2,662.8	1,127.2	1,987.8	2,348.0	994.2	40,541.3	0.0	0.0
Cannon	1,118.0	13,839.5	431.1	305.7	538.3	1,302.3	148.6	12,231.5	0.0	0.0
Carroll	1,912.5	32,578.3	635.8	143.7	480.4	996.3	796.3	24,541.3	0.0	6,896.9
Carter	4,458.7	33,103.0	373.1	321.1	1,857.3	2,673.3	2,228.3	30,108.6	0.0	0.0
Cheatam	564.4	21,751.6	0.0	0.0	0.0	0.0	564.4	21,751.6	0.0	0.0
Chester	3,532.8	12,699.6	1,355.2	399.7	1,809.3	3,280.0	368.3	8,364.0	0.0	656.1
Claiborne	1,184.7	28,925.1	232.1	219.8	566.4	1,520.9	386.1	27,184.5	0.0	0.0
Clay	590.9	12,047.9	0.0	0.0	334.8	746.2	256.1	11,301.7	0.0	0.0
Cocke	5,101.6	25,065.4	2,073.2	1,212.4	1,579.3	2,769.8	1,449.1	20,107.5	0.0	975.8
Coffee	0.0	23,132.4	0.0	0.0	0.0	0.0	0.0	22,245.4	0.0	887.0
Crockett	0.0	4,633.6	0.0	0.0	0.0	0.0	0.0	4,633.6	0.0	0.0
Cumberland	13,196.0	46,728.5	6,908.2	2,657.0	3,641.6	7,345.5	2,646.2	36,726.0	0.0	0.0
Davidson	977.7	17,645.6	0.0	0.0	484.8	1,033.2	492.9	16,612.4	0.0	0.0
Decatur	2,202.0	25,037.8	1,522.7	783.4	348.5	916.3	330.7	22,068.7	0.0	1,269.4
DeKalb	1,735.9	21,565.1	732.7	540.1	961.2	1,961.8	42.1	16,800.9	0.0	2,262.1
Dickson	262.2	31,220.2	0.0	0.0	229.1	642.9	33.1	30,577.3	0.0	0.0
Dyer	0.0	8,306.9	0.0	0.0	0.0	0.0	0.0	3,325.0	0.0	4,981.9
Fayette	2,950.2	30,336.4	1,926.9	1,829.5	676.4	1,583.8	346.9	22,552.7	0.0	4,370.4
Fentress	12,193.8	33,553.9	6,323.6	2,571.3	2,851.7	6,325.9	3,018.5	24,656.8	0.0	0.0
Franklin	610.5	25,576.4	0.0	0.0	310.3	625.6	300.2	24,950.8	0.0	0.0
Gibson	0.0	6,477.6	0.0	0.0	0.0	0.0	0.0	6,477.6	0.0	0.0
Giles	582.4	21,952.6	415.6	577.1	2.3	10.0	164.4	21,097.7	0.0	267.9
Grainger	1,843.3	19,400.4	0.0	0.0	897.3	1,602.9	946.1	17,797.5	0.0	0.0
Greene	4,329.7	29,456.6	2,194.2	1,575.1	1,398.2	2,416.2	737.3	25,465.3	0.0	0.0
Grundy	2,994.7	23,904.4	1,801.8	903.7	359.4	957.6	833.5	22,043.0	0.0	0.0
Hamblen	1,804.6	6,687.7	1,401.1	399.9	371.1	1,418.8	32.3	4,868.9	0.0	0.0
Hamilton	8,805.1	27,206.3	4,303.6	2,629.9	2,897.0	4,019.2	1,604.5	20,497.5	0.0	59.7
Hancock	431.8	10,789.2	0.0	0.0	240.7	449.6	191.0	10,339.6	0.0	0.0
Hardeman	6,263.5	38,488.8	4,225.8	1,274.6	1,104.5	2,365.1	756.7	28,126.8	176.5	6,722.2
Hardin	6,829.3	28,879.0	4,029.9	1,424.0	1,853.4	3,580.3	839.0	17,189.4	106.9	6,685.4
Hawkins	3,449.4	26,329.5	1,037.8	61.6	1,759.0	3,281.0	652.6	22,986.8	0.0	0.0
Haywood	6.8	17,541.8	0.0	0.0	0.0	0.0	6.8	2,052.8	0.0	15,489.0
Henderson	4,872.5	27,365.2	4,586.0	2,702.0	204.2	805.6	34.4	17,109.0	47.9	6,748.6
Henry	376.5	32,198.4	246.9	97.1	0.0	0.0	129.7	22,999.0	0.0	9,102.3
Hickman	1,633.0	53,230.6	1,130.7	192.0	0.0	0.0	502.3	53,038.6	0.0	0.0
Houston	133.3	16,990.3	0.0	0.0	0.0	0.0	133.3	16,990.3	0.0	0.0
Humphreys	425.0	38,499.8	0.0	0.0	0.0	0.0	425.0	38,499.8	0.0	0.0
Jackson	1,215.8	23,196.3	0.0	0.0	1,046.5	2,934.2	169.3	20,262.2	0.0	0.0
Jefferson	1,399.1	10,907.5	1,125.7	976.6	104.2	335.6	169.1	9,595.3	0.0	0.0
Johnson	3,500.1	24,416.6	0.0	0.0	1,586.8	3,299.4	1,913.3	21,117.3	0.0	0.0
Knox	4,521.2	20,926.0	1,537.7	185.5	2,140.9	3,259.2	842.7	17,481.3	0.0	0.0
Lake	2,277.8	3,487.9	0.0	0.0	0.0	0.0	0.0	0.0	2,277.8	3,487.9
Lauderdale	1,511.7	17,917.8	0.0	0.0	0.0	0.0	0.0	4,961.6	1,511.7	12,956.1
Lawrence	0.0	29,609.9	0.0	0.0	0.0	0.0	0.0	28,127.4	0.0	1,482.5
Lewis	267.9	22,876.8	155.8	0.0	0.0	0.0	112.1	20,681.4	0.0	2,195.5
Lincoln	1,519.4	17,284.2	808.4	675.8	326.1	1,103.0	384.9	14,015.4	0.0	1,490.0

Table 14. – *Wood and bark fresh weight of live trees on timberland by county and forest type group, Tennessee, 1989* – Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
Loudon	4,169.3	8,656.9	3,487.7	800.1	662.7	1,137.8	19.0	6,719.0	0.0	0.0
McMinn	9,929.0	16,292.8	8,441.9	3,801.6	1,027.4	1,901.9	459.7	9,485.0	0.0	1,104.3
McNairy	8,374.8	26,492.6	6,083.6	2,616.9	1,952.0	3,579.5	308.6	17,006.9	30.7	3,289.3
Macon	28.4	13,496.5	0.0	0.0	0.0	0.0	28.4	13,496.5	0.0	0.0
Madison	1,066.9	28,984.2	389.5	120.9	452.9	2,241.9	172.8	16,155.3	51.7	10,466.1
Marion	4,510.4	38,112.2	307.7	43.3	1,972.1	4,157.5	2,230.5	33,368.8	0.0	542.7
Marshall	1,293.7	10,442.6	332.4	307.5	649.5	1,499.8	311.7	8,635.3	0.0	0.0
Maury	180.3	17,539.7	75.1	0.0	30.3	344.9	75.0	17,194.8	0.0	0.0
Meigs	5,328.3	10,774.6	3,164.6	508.4	1,423.2	3,130.1	740.6	7,136.1	0.0	0.0
Monroe	21,018.4	38,135.8	12,533.3	4,794.2	5,564.8	7,283.2	2,920.3	26,058.3	0.0	0.0
Montgomery	848.1	21,732.2	0.0	0.0	522.4	1,439.0	325.7	20,293.2	0.0	0.0
Moore	391.4	7,022.4	0.0	0.0	0.0	0.0	391.4	7,022.4	0.0	0.0
Morgan	8,320.5	41,862.7	215.4	3.5	5,420.6	9,449.8	2,684.5	32,409.4	0.0	0.0
Obion	912.5	17,479.2	0.0	0.0	0.0	0.0	0.0	9,182.3	912.5	8,296.9
Overton	2,978.6	32,175.0	1,420.5	680.8	833.6	1,408.1	724.4	30,086.1	0.0	0.0
Perry	880.1	33,211.8	462.2	705.2	76.0	372.8	342.0	31,303.7	0.0	830.2
Pickett	769.2	13,042.3	0.0	0.0	0.0	94.1	769.2	12,948.2	0.0	0.0
Polk	19,623.5	19,159.9	14,936.0	6,242.9	3,296.0	3,932.5	1,391.5	8,984.5	0.0	0.0
Putnam	1,825.6	26,116.0	5.2	64.8	1,223.4	1,954.8	597.0	24,096.4	0.0	0.0
Rhea	4,513.4	19,053.4	1,534.5	276.1	2,526.6	3,326.0	452.3	15,451.3	0.0	0.0
Roane	4,266.8	26,554.0	1,773.5	605.7	1,559.0	3,219.1	934.4	22,729.2	0.0	0.0
Robertson	40.2	9,005.3	0.0	0.0	0.0	0.0	40.2	9,005.3	0.0	0.0
Rutherford	3,007.1	11,200.3	1,844.2	1,398.1	857.5	3,307.0	305.5	6,495.1	0.0	0.0
Scott	9,554.2	52,446.1	2,982.6	1,950.8	3,371.9	4,108.0	3,199.7	46,387.3	0.0	0.0
Sequatchie	6,757.4	16,407.3	5,137.2	3,085.1	0.0	0.0	1,620.2	13,322.3	0.0	0.0
Sevier	6,763.9	18,285.7	1,656.8	802.2	4,238.8	6,029.1	868.3	11,454.4	0.0	0.0
Shelby	195.5	26,671.3	0.0	0.0	0.0	0.0	114.3	14,118.9	81.1	12,552.4
Smith	610.4	13,086.7	130.7	196.6	163.6	674.7	316.1	12,215.4	0.0	0.0
Stewart	797.9	34,639.4	586.7	814.1	0.0	0.0	211.3	33,825.4	0.0	0.0
Sullivan	3,807.5	20,264.1	2,074.5	919.7	1,174.0	2,343.0	559.0	17,001.4	0.0	0.0
Sumner	410.8	11,856.6	406.5	601.6	0.0	0.0	4.3	11,255.1	0.0	0.0
Tipton	3.5	10,738.8	0.0	0.0	0.0	0.0	3.5	8,065.0	0.0	2,673.8
Trousdale	468.6	3,427.5	0.0	0.0	283.1	935.9	185.5	2,491.7	0.0	0.0
Unicoi	4,697.6	17,238.9	1,084.2	518.5	1,876.8	3,093.1	1,736.6	13,627.3	0.0	0.0
Union	2,884.0	15,177.0	597.3	534.4	1,909.8	2,312.0	376.9	12,330.7	0.0	0.0
Van Buren	4,826.3	17,360.1	3,480.9	1,576.5	780.1	1,257.5	565.4	14,526.1	0.0	0.0
Warren	56.6	17,576.2	0.0	0.0	0.0	119.6	56.6	16,096.4	0.0	1,360.2
Washington	2,038.2	11,056.2	0.0	0.0	902.1	1,007.0	1,136.0	10,049.2	0.0	0.0
Wayne	3,032.4	50,343.0	1,542.1	748.6	451.7	1,273.0	1,038.6	47,706.0	0.0	615.4
Weakley	1,883.4	17,353.9	1,517.2	252.8	0.0	0.0	84.9	6,389.6	281.3	10,711.5
White	3,389.7	22,973.8	2,917.8	920.0	359.0	877.3	112.9	20,309.4	0.0	867.1
Williamson	1,903.1	24,388.4	871.5	435.3	782.4	1,733.8	249.2	20,903.5	0.0	1,315.7
Wilson	3,013.7	6,929.4	1,052.4	457.8	1,831.6	3,971.3	129.7	2,500.2	0.0	0.0
All counties	304,361.0	2,079,230.0	152,775.2	67,075.1	87,962.1	158,589.5	58,054.3	1,708,132.6	5,569.4	145,432.8

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 15. – *Wood and bark fresh weight of stems in live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	3,144.5	17,087.4	1,463.8	498.9	703.1	553.3	977.6	16,035.3	0.0	0.0
Bedford	814.6	7,957.3	536.8	435.5	198.1	337.0	22.6	6,283.3	57.1	901.6
Benton	1,456.9	19,065.1	1,055.2	107.5	366.6	436.0	35.1	18,192.6	0.0	329.0
Bledsoe	6,132.3	14,595.9	4,140.9	1,082.4	1,165.3	2,007.5	826.1	11,506.0	0.0	0.0
Blount	3,426.3	7,573.6	1,678.8	500.4	1,293.9	2,019.4	453.6	5,053.9	0.0	0.0
Bradley	4,421.8	6,581.9	3,827.6	844.7	285.2	80.8	309.1	5,656.4	0.0	0.0
Campbell	4,665.2	33,394.6	2,199.3	871.0	1,670.4	1,806.9	795.5	30,716.7	0.0	0.0
Cannon	898.5	10,637.1	361.0	235.7	426.4	1,037.9	111.1	9,363.5	0.0	0.0
Carroll	1,625.3	24,758.8	548.0	124.2	403.3	751.6	674.0	18,508.5	0.0	5,374.4
Carter	3,572.4	25,491.7	303.3	249.9	1,524.6	2,023.7	1,744.5	23,218.1	0.0	0.0
Cheatam	473.3	16,600.9	0.0	0.0	0.0	0.0	473.3	16,600.9	0.0	0.0
Chester	2,976.3	9,688.8	1,147.3	303.3	1,517.8	2,458.0	311.2	6,420.9	0.0	506.6
Claiborne	995.3	21,928.5	177.7	160.3	482.8	1,185.3	334.8	20,582.9	0.0	0.0
Clay	511.0	9,059.4	0.0	0.0	298.8	569.8	212.3	8,489.5	0.0	0.0
Cocke	4,155.1	19,269.3	1,713.9	877.2	1,321.9	2,135.5	1,119.3	15,514.1	0.0	742.5
Coffee	0.0	17,202.0	0.0	0.0	0.0	0.0	0.0	16,536.1	0.0	665.8
Crockett	0.0	3,412.9	0.0	0.0	0.0	0.0	0.0	3,412.9	0.0	0.0
Cumberland	10,668.8	35,012.6	5,507.7	2,041.7	3,006.8	5,551.4	2,154.4	27,419.6	0.0	0.0
Davidson	840.2	12,900.8	0.0	0.0	416.9	784.5	423.3	12,116.3	0.0	0.0
Decatur	1,892.9	19,012.8	1,307.1	651.6	295.3	711.9	290.5	16,667.5	0.0	981.7
DeKalb	1,439.2	16,384.4	618.0	410.6	789.4	1,453.9	31.8	12,775.9	0.0	1,744.0
Dickson	222.0	23,329.8	0.0	0.0	192.3	467.4	29.7	22,862.4	0.0	0.0
Dyer	0.0	6,072.3	0.0	0.0	0.0	0.0	0.0	2,316.3	0.0	3,756.0
Fayette	2,461.5	22,525.5	1,601.5	1,338.3	565.3	1,225.1	294.7	16,634.9	0.0	3,327.2
Fentress	10,043.9	25,316.9	5,187.5	2,024.2	2,394.9	4,690.3	2,461.5	18,602.4	0.0	0.0
Franklin	502.9	19,186.6	0.0	0.0	248.2	493.7	254.8	18,692.8	0.0	0.0
Gibson	0.0	4,842.5	0.0	0.0	0.0	0.0	0.0	4,842.5	0.0	0.0
Giles	403.2	16,367.4	260.3	452.1	2.1	7.9	140.9	15,699.5	0.0	207.9
Grainger	1,529.6	14,956.3	0.0	0.0	743.9	1,197.5	785.7	13,758.9	0.0	0.0
Greene	3,640.7	22,092.7	1,839.7	1,218.7	1,181.4	1,805.7	619.5	19,068.3	0.0	0.0
Grundy	2,428.2	17,614.5	1,479.5	624.9	295.2	670.8	653.5	16,318.8	0.0	0.0
Hamblen	1,498.2	4,959.9	1,165.0	304.9	307.9	1,013.0	25.3	3,641.9	0.0	0.0
Hamilton	7,466.3	20,542.4	3,639.2	1,994.0	2,490.9	3,056.1	1,336.2	15,445.4	0.0	46.9
Hancock	353.6	8,187.5	0.0	0.0	193.9	333.7	159.8	7,853.8	0.0	0.0
Hardeman	5,324.8	28,948.3	3,628.7	1,015.7	908.5	1,706.5	629.4	21,118.0	158.2	5,108.2
Hardin	5,612.3	21,358.5	3,276.9	1,102.8	1,551.8	2,650.1	689.8	12,600.0	93.8	5,005.6
Hawkins	2,913.9	20,252.2	889.5	50.1	1,490.6	2,543.1	533.8	17,659.0	0.0	0.0
Haywood	6.0	12,643.0	0.0	0.0	0.0	0.0	6.0	1,556.5	0.0	11,086.5
Henderson	4,019.8	20,415.1	3,788.2	2,096.0	167.5	601.9	30.0	12,665.8	34.1	5,051.5
Henry	308.8	24,359.2	208.4	69.3	0.0	0.0	100.4	17,325.2	0.0	6,964.7
Hickman	1,347.0	40,267.0	930.0	134.9	0.0	0.0	417.0	40,132.1	0.0	0.0
Houston	119.7	12,765.2	0.0	0.0	0.0	0.0	119.7	12,765.2	0.0	0.0
Humphreys	340.0	28,772.4	0.0	0.0	0.0	0.0	340.0	28,772.4	0.0	0.0
Jackson	1,005.6	17,393.5	0.0	0.0	860.4	2,253.8	145.2	15,139.6	0.0	0.0
Jefferson	1,130.7	8,206.3	919.3	744.1	86.6	256.4	124.9	7,205.8	0.0	0.0
Johnson	2,605.6	18,879.2	0.0	0.0	1,158.7	2,569.3	1,446.9	16,309.8	0.0	0.0
Knox	3,775.1	15,753.9	1,298.5	145.5	1,756.5	2,357.3	720.0	13,251.2	0.0	0.0
Lake	1,899.2	2,588.5	0.0	0.0	0.0	0.0	0.0	0.0	1,899.2	2,588.5
Lauderdale	1,315.7	13,310.6	0.0	0.0	0.0	0.0	0.0	3,669.9	1,315.7	9,640.8
Lawrence	0.0	22,377.7	0.0	0.0	0.0	0.0	0.0	21,257.6	0.0	1,120.1
Lewis	234.2	17,279.9	139.8	0.0	0.0	0.0	94.4	15,589.6	0.0	1,690.3
Lincoln	1,244.9	13,006.7	648.5	530.3	266.5	822.6	329.9	10,538.2	0.0	1,115.7

Table 15. – *Wood and bark fresh weight of stems in live trees on timberland by county and forest type group, Tennessee, 1989* – Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
Loudon	3,506.2	6,355.6	2,943.8	612.8	546.6	884.2	15.7	4,858.6	0.0	0.0
McMinn	8,182.5	12,343.1	6,924.5	2,857.2	861.9	1,388.4	396.1	7,238.6	0.0	859.0
McNairy	7,067.8	20,158.2	5,162.8	2,083.5	1,614.5	2,682.2	262.8	12,881.4	27.7	2,511.1
Macon	23.3	10,456.2	0.0	0.0	0.0	0.0	23.3	10,456.2	0.0	0.0
Madison	899.0	21,536.9	317.2	96.6	385.3	1,612.4	149.5	11,923.6	46.9	7,904.2
Marion	3,743.6	29,106.9	245.6	37.3	1,662.9	3,132.9	1,835.2	25,501.5	0.0	435.2
Marshall	1,089.7	7,823.6	278.5	240.6	560.0	1,161.1	251.1	6,421.9	0.0	0.0
Maury	150.8	13,270.6	65.1	0.0	26.8	266.5	58.9	13,004.1	0.0	0.0
Meigs	4,485.9	8,193.7	2,613.2	376.1	1,237.0	2,381.7	635.8	5,436.0	0.0	0.0
Monroe	17,141.7	28,931.2	10,258.9	3,605.6	4,559.6	5,526.7	2,323.2	19,798.9	0.0	0.0
Montgomery	715.0	16,256.2	0.0	0.0	438.3	1,045.0	276.6	15,211.2	0.0	0.0
Moore	330.2	5,189.2	0.0	0.0	0.0	0.0	330.2	5,189.2	0.0	0.0
Morgan	6,740.8	31,610.7	160.9	2.8	4,377.8	7,159.6	2,202.1	24,448.4	0.0	0.0
Obion	802.4	12,888.3	0.0	0.0	0.0	0.0	0.0	6,703.3	802.4	6,185.1
Overton	2,418.2	25,004.4	1,143.4	545.3	663.0	1,137.3	611.8	23,321.9	0.0	0.0
Perry	720.5	25,409.5	377.8	563.0	65.3	296.5	277.5	23,916.2	0.0	633.7
Pickett	609.0	9,866.0	0.0	0.0	0.0	55.0	609.0	9,811.1	0.0	0.0
Polk	15,836.0	14,657.9	12,104.3	4,771.3	2,612.5	3,036.7	1,119.2	6,849.9	0.0	0.0
Putnam	1,508.5	19,755.3	4.6	42.7	1,025.4	1,471.1	478.5	18,241.6	0.0	0.0
Rhea	3,592.2	14,444.5	1,214.4	200.9	2,026.0	2,448.8	351.8	11,794.8	0.0	0.0
Roane	3,645.6	20,204.2	1,526.2	473.7	1,311.3	2,418.3	808.2	17,312.2	0.0	0.0
Robertson	35.5	6,751.5	0.0	0.0	0.0	0.0	35.5	6,751.5	0.0	0.0
Rutherford	2,464.7	8,378.4	1,523.0	1,059.1	689.5	2,465.0	252.2	4,854.3	0.0	0.0
Scott	7,712.2	39,507.5	2,296.8	1,482.5	2,781.4	3,102.3	2,634.0	34,922.6	0.0	0.0
Sequatchie	5,509.2	12,557.2	4,151.8	2,366.9	0.0	0.0	1,357.3	10,190.3	0.0	0.0
Sevier	5,607.2	14,051.6	1,368.7	634.8	3,530.6	4,671.7	707.9	8,745.1	0.0	0.0
Shelby	168.4	20,456.6	0.0	0.0	0.0	0.0	97.6	10,746.5	70.8	9,710.2
Smith	479.8	9,758.1	112.2	135.2	114.3	519.9	253.3	9,103.0	0.0	0.0
Stewart	667.7	25,872.4	493.4	551.9	0.0	0.0	174.3	25,320.6	0.0	0.0
Sullivan	3,035.7	15,502.7	1,642.9	706.4	928.5	1,821.1	464.3	12,975.2	0.0	0.0
Sumner	340.5	8,985.8	336.6	444.8	0.0	0.0	3.8	8,541.0	0.0	0.0
Tipton	3.1	7,900.9	0.0	0.0	0.0	0.0	3.1	6,062.1	0.0	1,838.8
Trousdale	372.2	2,640.2	0.0	0.0	227.0	714.7	145.2	1,925.5	0.0	0.0
Unicoi	3,558.2	13,197.6	839.8	402.0	1,366.1	2,342.5	1,352.3	10,453.0	0.0	0.0
Union	2,402.5	11,633.8	516.2	417.6	1,580.7	1,770.2	305.6	9,446.1	0.0	0.0
Van Buren	3,909.0	13,096.3	2,804.9	1,165.5	636.3	969.3	467.9	10,961.5	0.0	0.0
Warren	43.4	13,124.7	0.0	0.0	0.0	86.0	43.4	12,008.5	0.0	1,030.3
Washington	1,646.5	8,328.8	0.0	0.0	728.9	760.9	917.5	7,567.9	0.0	0.0
Wayne	2,480.5	38,101.9	1,275.4	593.7	359.8	1,013.6	845.3	36,015.3	0.0	479.2
Weakley	1,607.1	12,694.3	1,288.1	200.1	0.0	0.0	66.0	4,692.2	253.0	7,802.1
White	2,715.7	17,349.9	2,340.6	736.2	281.3	656.2	93.9	15,287.1	0.0	670.4
Williamson	1,617.1	17,953.4	734.5	326.9	681.1	1,327.2	201.4	15,346.5	0.0	952.8
Wilson	2,590.9	5,118.5	896.2	319.6	1,584.9	2,896.9	109.8	1,902.0	0.0	0.0
All counties	250,039.1	1,568,611.9	125,449.4	51,293.3	72,493.9	119,848.2	47,336.9	1,288,502.6	4,758.9	108,967.8

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 16. — *Wood and bark fresh weight of crowns in live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	752.5	5,607.1	278.7	164.8	168.9	205.9	304.9	5,236.4	0.0	0.0
Bedford	216.1	2,680.0	152.3	160.8	26.2	78.6	3.4	1,968.9	34.2	471.7
Benton	376.7	6,245.9	284.6	28.7	86.5	137.1	5.6	5,961.9	0.0	118.1
Bledsoe	1,473.3	4,650.4	1,032.5	291.2	237.1	684.2	203.7	3,674.9	0.0	0.0
Blount	731.0	2,402.5	368.2	176.1	273.3	576.5	89.5	1,649.9	0.0	0.0
Bradley	813.1	2,234.8	731.7	214.2	34.4	48.8	47.0	1,971.8	0.0	0.0
Campbell	979.5	10,622.0	463.5	256.2	317.4	541.2	198.7	9,824.6	0.0	0.0
Cannon	219.5	3,202.4	70.1	70.0	111.9	264.4	37.5	2,868.0	0.0	0.0
Carroll	287.2	7,819.5	87.8	19.5	77.1	244.7	122.3	6,032.8	0.0	1,522.6
Carter	886.3	7,611.3	69.8	71.1	332.6	649.7	483.8	6,890.5	0.0	0.0
Cheatam	91.1	5,150.7	0.0	0.0	0.0	0.0	91.1	5,150.7	0.0	0.0
Chester	556.6	3,010.9	207.9	96.4	291.5	822.0	57.2	1,943.0	0.0	149.4
Claiborne	189.3	6,996.5	54.3	59.4	83.7	335.5	51.3	6,601.6	0.0	0.0
Clay	79.9	2,988.5	0.0	0.0	36.0	176.3	43.9	2,812.2	0.0	0.0
Cocke	946.5	5,796.2	359.3	335.2	257.4	634.3	329.8	4,593.4	0.0	233.3
Coffee	0.0	5,930.4	0.0	0.0	0.0	0.0	0.0	5,709.2	0.0	221.2
Crockett	0.0	1,220.6	0.0	0.0	0.0	0.0	0.0	1,220.6	0.0	0.0
Cumberland	2,527.2	11,715.8	1,400.6	615.3	634.8	1,794.1	491.8	9,306.5	0.0	0.0
Davidson	137.5	4,744.8	0.0	0.0	67.9	248.7	69.6	4,496.1	0.0	0.0
Decatur	309.1	6,025.0	215.7	131.8	53.2	204.4	40.2	5,401.2	0.0	287.7
DeKalb	296.7	5,180.6	114.6	129.5	171.8	507.9	10.3	4,025.1	0.0	518.2
Dickson	40.3	7,890.3	0.0	0.0	36.9	175.4	3.4	7,714.9	0.0	0.0
Dyer	0.0	2,234.6	0.0	0.0	0.0	0.0	0.0	1,008.8	0.0	1,225.9
Fayette	488.7	7,810.9	325.4	491.2	111.1	358.7	52.2	5,917.9	0.0	1,043.2
Fentress	2,149.9	8,237.0	1,136.1	547.1	456.8	1,635.6	557.1	6,054.3	0.0	0.0
Franklin	107.6	6,389.9	0.0	0.0	62.1	131.9	45.5	6,258.0	0.0	0.0
Gibson	0.0	1,635.1	0.0	0.0	0.0	0.0	0.0	1,635.1	0.0	0.0
Giles	179.1	5,585.2	155.3	125.0	0.3	2.0	23.5	5,398.2	0.0	60.0
Grainger	313.7	4,444.1	0.0	0.0	153.3	405.4	160.4	4,038.6	0.0	0.0
Greene	689.0	7,363.9	354.5	356.4	216.8	610.5	117.7	6,397.0	0.0	0.0
Grundy	566.6	6,289.8	322.3	278.8	64.2	286.8	180.0	5,724.2	0.0	0.0
Hamblen	306.4	1,727.8	236.2	95.0	63.2	405.8	7.0	1,227.0	0.0	0.0
Hamilton	1,338.8	6,664.0	664.4	635.9	406.1	963.1	268.3	5,052.1	0.0	12.8
Hancock	78.2	2,601.7	0.0	0.0	46.9	115.9	31.3	2,485.8	0.0	0.0
Hardeman	938.7	9,540.6	597.1	259.0	196.0	658.7	127.3	7,008.9	18.3	1,614.1
Hardin	1,217.0	7,520.5	753.0	321.2	301.6	930.2	149.3	4,589.3	13.1	1,679.8
Hawkins	535.5	6,077.3	148.3	11.6	268.4	737.9	118.8	5,327.9	0.0	0.0
Haywood	0.8	4,898.8	0.0	0.0	0.0	0.0	0.8	496.3	0.0	4,402.5
Henderson	852.7	6,950.1	797.8	606.0	36.6	203.7	4.5	4,443.2	13.8	1,697.1
Henry	67.7	7,839.2	38.4	27.8	0.0	0.0	29.3	5,673.8	0.0	2,137.6
Hickman	286.0	12,963.7	200.7	57.2	0.0	0.0	85.4	12,906.5	0.0	0.0
Houston	13.6	4,225.1	0.0	0.0	0.0	0.0	13.6	4,225.1	0.0	0.0
Humphreys	84.9	9,727.4	0.0	0.0	0.0	0.0	84.9	9,727.4	0.0	0.0
Jackson	210.2	5,802.8	0.0	0.0	186.1	680.3	24.1	5,122.5	0.0	0.0
Jefferson	268.3	2,701.2	206.5	232.5	17.6	79.2	44.3	2,389.5	0.0	0.0
Johnson	894.5	5,537.5	0.0	0.0	428.1	730.0	466.4	4,807.4	0.0	0.0
Knox	746.2	5,172.1	239.2	40.1	384.4	901.9	122.6	4,230.1	0.0	0.0
Lake	378.6	899.4	0.0	0.0	0.0	0.0	0.0	0.0	378.6	899.4
Lauderdale	195.9	4,607.1	0.0	0.0	0.0	0.0	0.0	1,291.7	195.9	3,315.4
Lawrence	0.0	7,232.2	0.0	0.0	0.0	0.0	0.0	6,869.8	0.0	362.3
Lewis	33.7	5,596.9	16.0	0.0	0.0	0.0	17.7	5,091.8	0.0	505.1
Lincoln	274.5	4,277.5	160.0	145.6	59.6	280.5	55.0	3,477.2	0.0	374.3
Loudon	663.1	2,301.3	543.8	187.3	116.1	253.6	3.2	1,860.4	0.0	0.0

Table 16.—*Wood and bark fresh weight of crowns in live trees on timberland by county and forest type group, Tennessee, 1989*—Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
McMinn	1,746.5	3,949.7	1,517.5	944.5	165.5	513.6	63.5	2,246.4	0.0	245.3
McNairy	1,307.1	6,334.3	920.8	533.3	337.5	897.3	45.8	4,125.5	3.0	778.2
Macon	5.0	3,040.3	0.0	0.0	0.0	0.0	5.0	3,040.3	0.0	0.0
Madison	168.0	7,447.3	72.3	24.4	67.6	629.5	23.3	4,231.7	4.8	2,561.8
Marion	766.7	9,005.3	62.1	6.0	309.2	1,024.6	395.4	7,867.3	0.0	107.5
Marshall	204.0	2,619.0	54.0	66.9	89.5	338.7	60.6	2,213.4	0.0	0.0
Maury	29.5	4,269.2	9.9	0.0	3.5	78.4	16.1	4,190.7	0.0	0.0
Meigs	842.4	2,580.8	551.4	132.3	186.2	748.4	104.8	1,700.1	0.0	0.0
Monroe	3,876.7	9,204.5	2,274.4	1,188.6	1,005.2	1,756.6	597.1	6,259.3	0.0	0.0
Montgomery	133.1	5,476.0	0.0	0.0	84.1	394.0	49.0	5,082.0	0.0	0.0
Moore	61.3	1,833.2	0.0	0.0	0.0	0.0	61.3	1,833.2	0.0	0.0
Morgan	1,579.7	10,252.0	54.6	0.7	1,042.9	2,290.2	482.3	7,961.0	0.0	0.0
Obion	110.2	4,590.9	0.0	0.0	0.0	0.0	0.0	2,479.1	110.2	2,111.8
Overton	560.4	7,170.5	277.1	135.5	170.6	270.8	112.7	6,764.1	0.0	0.0
Perry	159.6	7,802.4	84.4	142.1	10.7	76.3	64.6	7,387.5	0.0	196.4
Pickett	160.2	3,176.3	0.0	0.0	0.0	39.1	160.2	3,137.2	0.0	0.0
Polk	3,787.4	4,502.0	2,831.7	1,471.5	683.5	895.8	272.2	2,134.6	0.0	0.0
Putnam	317.0	6,360.7	0.6	22.1	198.0	483.7	118.5	5,854.9	0.0	0.0
Rhea	921.2	4,608.9	320.1	75.2	500.6	877.2	100.5	3,656.5	0.0	0.0
Roane	621.2	6,349.8	247.3	132.0	247.7	800.8	126.2	5,417.0	0.0	0.0
Robertson	4.7	2,253.8	0.0	0.0	0.0	0.0	4.7	2,253.8	0.0	0.0
Rutherford	542.5	2,821.8	321.2	339.0	168.0	842.0	53.3	1,640.8	0.0	0.0
Scott	1,842.0	12,938.7	685.8	468.3	590.5	1,005.7	565.7	11,464.7	0.0	0.0
Sequatchie	1,248.2	3,850.1	985.3	718.1	0.0	0.0	262.9	3,132.0	0.0	0.0
Sevier	1,156.7	4,234.1	288.1	167.4	708.2	1,357.4	160.4	2,709.3	0.0	0.0
Shelby	27.0	6,214.7	0.0	0.0	0.0	0.0	16.8	3,372.4	10.3	2,842.3
Smith	130.6	3,328.7	18.5	61.5	49.3	154.8	62.8	3,112.4	0.0	0.0
Stewart	130.2	8,767.0	93.2	262.2	0.0	0.0	37.0	8,504.8	0.0	0.0
Sullivan	771.8	4,761.4	431.6	213.3	245.5	521.8	94.7	4,026.3	0.0	0.0
Sumner	70.3	2,870.9	69.8	156.8	0.0	0.0	0.5	2,714.1	0.0	0.0
Tipton	0.4	2,837.9	0.0	0.0	0.0	0.0	0.4	2,002.9	0.0	835.0
Trousdale	96.4	787.3	0.0	0.0	56.1	221.1	40.3	566.2	0.0	0.0
Unicoi	1,139.4	4,041.3	244.4	116.4	510.8	750.6	384.3	3,174.3	0.0	0.0
Union	481.5	3,543.2	81.0	116.8	329.2	541.8	71.3	2,884.6	0.0	0.0
Van Buren	917.3	4,263.7	676.0	410.9	143.8	288.2	97.5	3,564.6	0.0	0.0
Warren	13.2	4,451.5	0.0	0.0	0.0	33.6	13.2	4,088.0	0.0	329.9
Washington	391.7	2,727.5	0.0	0.0	173.2	246.1	218.5	2,481.3	0.0	0.0
Wayne	552.0	12,241.1	266.7	154.8	91.9	259.3	193.4	11,690.7	0.0	136.2
Weakley	276.4	4,659.6	229.1	52.8	0.0	0.0	18.9	1,697.3	28.4	2,909.5
White	673.9	5,623.9	577.2	183.8	77.7	221.1	19.0	5,022.3	0.0	196.7
Williamson	286.0	6,435.0	137.0	108.4	101.3	406.6	47.8	5,557.0	0.0	362.9
Wilson	422.8	1,810.9	156.1	138.2	246.8	1,074.4	20.0	598.3	0.0	0.0
All counties	54,321.9	510,618.2	27,325.8	15,781.7	15,468.3	38,741.2	10,717.4	419,630.1	810.5	36,465.1

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 17. – *Wood and bark dry weight of live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	1,910.5	12,841.4	855.4	344.5	442.8	431.1	612.2	12,065.8	0.0	0.0
Bedford	514.3	6,327.8	343.7	363.8	111.3	257.3	13.3	4,890.7	45.9	816.0
Benton	929.9	14,365.4	677.5	79.2	232.0	301.4	20.3	13,738.6	0.0	246.1
Bledsoe	3,754.0	11,011.9	2,560.8	812.1	692.5	1,511.4	500.7	8,688.4	0.0	0.0
Blount	2,015.2	5,628.9	978.9	372.3	771.1	1,524.9	265.1	3,731.7	0.0	0.0
Bradley	2,591.2	5,013.3	2,251.3	540.7	164.8	56.5	175.1	4,416.1	0.0	0.0
Campbell	2,779.4	25,199.9	1,311.3	644.1	972.9	1,332.7	495.2	23,223.2	0.0	0.0
Cannon	560.0	7,813.8	214.6	184.3	269.6	747.8	75.8	6,881.7	0.0	0.0
Carroll	951.3	17,794.2	315.5	69.9	236.3	551.2	399.5	13,442.3	0.0	3,730.8
Carter	2,117.4	18,787.6	176.2	186.8	883.8	1,528.6	1,057.4	17,072.2	0.0	0.0
Cheatam	277.0	12,638.7	0.0	0.0	0.0	0.0	277.0	12,638.7	0.0	0.0
Chester	1,730.3	6,915.6	661.9	230.9	887.8	1,844.9	180.7	4,483.4	0.0	356.3
Claiborne	579.3	16,646.1	115.9	118.0	276.8	837.2	186.6	15,690.9	0.0	0.0
Clay	299.1	7,072.2	0.0	0.0	168.7	447.5	130.4	6,624.6	0.0	0.0
Cocke	2,448.0	14,373.8	999.1	660.9	762.3	1,594.7	686.6	11,562.3	0.0	556.0
Coffee	0.0	12,794.4	0.0	0.0	0.0	0.0	0.0	12,287.2	0.0	507.2
Crockett	0.0	2,561.2	0.0	0.0	0.0	0.0	0.0	2,561.2	0.0	0.0
Cumberland	6,425.0	26,820.7	3,384.3	1,495.8	1,781.3	4,035.2	1,259.4	21,289.7	0.0	0.0
Davidson	491.0	10,501.9	0.0	0.0	246.5	629.3	244.5	9,872.6	0.0	0.0
Decatur	1,084.4	14,183.3	753.6	396.4	169.4	457.5	161.4	12,690.8	0.0	638.5
DeKalb	863.9	12,409.7	364.6	310.5	477.9	1,206.9	21.4	9,655.9	0.0	1,236.5
Dickson	132.7	18,127.9	0.0	0.0	115.3	380.2	17.5	17,747.6	0.0	0.0
Dyer	0.0	4,489.2	0.0	0.0	0.0	0.0	0.0	1,784.7	0.0	2,704.5
Fayette	1,477.1	16,522.1	967.2	829.4	338.8	803.5	171.2	12,499.4	0.0	2,389.8
Fentress	5,904.9	19,276.7	3,082.4	1,442.0	1,379.1	3,628.0	1,443.3	14,206.7	0.0	0.0
Franklin	305.3	14,976.9	0.0	0.0	155.7	384.7	149.7	14,592.2	0.0	0.0
Gibson	0.0	3,860.2	0.0	0.0	0.0	0.0	0.0	3,860.2	0.0	0.0
Giles	259.3	12,731.1	177.1	335.1	1.3	5.6	80.8	12,254.8	0.0	135.6
Grainger	904.1	11,094.1	0.0	0.0	436.0	966.7	468.1	10,127.5	0.0	0.0
Greene	2,127.7	16,965.1	1,084.8	851.1	675.5	1,386.1	367.5	14,727.9	0.0	0.0
Grundy	1,449.8	13,877.7	865.3	527.7	173.4	547.1	411.1	12,802.9	0.0	0.0
Hamblen	877.4	3,896.1	676.9	225.9	184.4	793.4	16.0	2,876.8	0.0	0.0
Hamilton	4,322.4	15,843.2	2,123.1	1,493.3	1,407.8	2,223.9	791.5	12,094.5	0.0	31.5
Hancock	215.5	6,213.7	0.0	0.0	119.7	279.2	95.8	5,934.4	0.0	0.0
Hardeman	3,101.2	20,962.7	2,072.9	678.6	555.4	1,216.2	374.1	15,297.8	98.7	3,769.9
Hardin	3,401.7	16,073.8	2,020.4	767.5	908.0	1,940.5	414.7	9,606.4	58.6	3,759.4
Hawkins	1,688.1	15,320.5	503.9	35.9	863.2	1,861.2	320.9	13,423.4	0.0	0.0
Haywood	3.7	9,525.6	0.0	0.0	0.0	0.0	3.7	1,078.0	0.0	8,447.6
Henderson	2,432.2	14,586.3	2,290.0	1,379.8	101.1	360.6	17.4	9,215.5	23.8	3,630.5
Henry	189.2	17,571.3	122.9	55.6	0.0	0.0	66.3	12,531.2	0.0	4,984.5
Hickman	813.7	30,821.2	562.4	107.0	0.0	0.0	251.2	30,714.2	0.0	0.0
Houston	67.9	9,878.4	0.0	0.0	0.0	0.0	67.9	9,878.4	0.0	0.0
Humphreys	212.8	22,207.3	0.0	0.0	0.0	0.0	212.8	22,207.3	0.0	0.0
Jackson	603.6	13,459.5	0.0	0.0	518.7	1,733.1	84.9	11,726.4	0.0	0.0
Jefferson	691.8	6,414.5	556.5	550.1	51.5	215.6	83.8	5,648.8	0.0	0.0
Johnson	1,564.1	13,942.4	0.0	0.0	681.6	1,931.9	882.4	12,010.5	0.0	0.0
Knox	2,214.3	11,843.7	758.8	98.2	1,039.9	1,837.5	415.6	9,908.0	0.0	0.0
Lake	1,274.4	2,216.3	0.0	0.0	0.0	0.0	0.0	0.0	1,274.4	2,216.3
Lauderdale	845.7	9,689.7	0.0	0.0	0.0	0.0	0.0	2,705.3	845.7	6,984.4
Lawrence	0.0	16,809.5	0.0	0.0	0.0	0.0	0.0	15,987.1	0.0	822.4
Lewis	135.6	13,254.3	80.9	0.0	0.0	0.0	54.6	12,037.6	0.0	1,216.7
Lincoln	762.1	10,198.0	402.4	398.8	165.6	648.0	194.1	8,379.9	0.0	771.2
Loudon	2,051.5	4,874.2	1,710.9	457.2	331.3	658.3	9.4	3,758.7	0.0	0.0

Table 17. – *Wood and bark dry weight of live trees on timberland by county and forest type group, Tennessee, 1989* – Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
McMinn	4,838.9	9,151.7	4,106.5	2,012.4	511.0	1,103.1	221.4	5,421.1	0.0	615.1
McNairy	4,120.2	14,766.3	2,983.9	1,366.6	969.0	1,828.3	150.1	9,629.9	17.2	1,941.5
Macon	14.0	7,591.1	0.0	0.0	0.0	0.0	14.0	7,591.1	0.0	0.0
Madison	534.5	15,637.5	191.8	67.3	228.6	1,014.0	85.1	8,949.9	28.9	5,606.3
Marion	2,204.1	22,228.8	156.7	24.2	966.8	2,411.8	1,080.7	19,503.2	0.0	289.6
Marshall	647.1	6,158.7	163.0	180.5	328.0	909.3	156.1	5,068.8	0.0	0.0
Maury	92.2	10,357.8	37.9	0.0	16.8	201.5	37.6	10,156.3	0.0	0.0
Meigs	2,621.5	5,911.2	1,569.3	269.8	690.9	1,646.2	361.2	3,995.2	0.0	0.0
Monroe	10,118.2	21,594.4	6,071.3	2,597.0	2,652.8	4,221.2	1,394.2	14,776.2	0.0	0.0
Montgomery	423.9	12,310.4	0.0	0.0	261.2	817.3	162.7	11,493.1	0.0	0.0
Moore	194.5	4,158.3	0.0	0.0	0.0	0.0	194.5	4,158.3	0.0	0.0
Morgan	3,980.3	23,905.0	109.8	2.0	2,612.4	5,337.5	1,258.1	18,565.6	0.0	0.0
Obion	510.5	9,957.0	0.0	0.0	0.0	0.0	0.0	5,238.5	510.5	4,718.5
Overton	1,513.7	18,133.2	730.4	375.1	432.2	732.9	351.0	17,025.2	0.0	0.0
Perry	439.0	19,454.3	231.7	421.2	38.8	215.3	168.5	18,346.2	0.0	471.6
Pickett	370.4	7,441.2	0.0	0.0	0.0	56.7	370.4	7,384.5	0.0	0.0
Polk	9,390.4	10,777.8	7,140.7	3,484.7	1,572.4	2,128.5	677.3	5,164.6	0.0	0.0
Putnam	908.7	14,846.1	2.8	37.8	607.6	1,108.0	298.3	13,700.3	0.0	0.0
Rhea	2,169.7	10,919.2	730.7	167.1	1,222.0	1,939.6	217.0	8,812.5	0.0	0.0
Roane	2,101.0	14,921.3	877.4	347.4	773.5	1,715.5	450.1	12,858.4	0.0	0.0
Robertson	19.6	5,135.8	0.0	0.0	0.0	0.0	19.6	5,135.8	0.0	0.0
Rutherford	1,511.7	6,658.4	929.5	839.4	426.9	2,027.0	155.3	3,792.1	0.0	0.0
Scott	4,527.8	30,332.5	1,362.5	1,139.7	1,629.1	2,261.6	1,536.2	26,931.2	0.0	0.0
Sequatchie	3,315.5	9,388.6	2,533.5	1,756.3	0.0	0.0	782.0	7,632.3	0.0	0.0
Sevier	3,289.0	10,630.5	799.3	429.0	2,071.9	3,459.7	417.8	6,741.7	0.0	0.0
Shelby	102.7	14,288.2	0.0	0.0	0.0	0.0	57.3	7,455.2	45.4	6,833.1
Smith	307.3	7,730.4	68.0	114.2	82.2	425.1	157.0	7,191.1	0.0	0.0
Stewart	395.5	19,705.7	287.6	430.8	0.0	0.0	107.8	19,274.9	0.0	0.0
Sullivan	1,826.4	11,764.9	991.8	501.8	562.8	1,376.9	271.8	9,886.2	0.0	0.0
Sumner	202.1	6,742.1	199.7	373.1	0.0	0.0	2.4	6,369.0	0.0	0.0
Tipton	1.9	5,669.1	0.0	0.0	0.0	0.0	1.9	4,350.9	0.0	1,318.3
Trousdale	231.8	2,005.6	0.0	0.0	140.8	556.3	91.0	1,449.2	0.0	0.0
Unicoi	2,128.0	9,802.7	475.4	291.7	843.7	1,773.8	808.9	7,737.2	0.0	0.0
Union	1,427.1	8,395.8	302.5	312.6	937.8	1,301.3	186.8	6,781.8	0.0	0.0
Van Buren	2,323.9	9,785.2	1,682.9	897.1	370.9	626.5	270.2	8,261.6	0.0	0.0
Warren	28.0	10,078.3	0.0	0.0	0.0	74.7	28.0	9,250.2	0.0	753.4
Washington	958.4	6,326.7	0.0	0.0	425.6	559.7	532.8	5,767.0	0.0	0.0
Wayne	1,504.7	29,317.9	760.8	441.1	226.4	700.9	517.4	27,843.3	0.0	332.6
Weakley	955.7	9,927.5	756.1	145.8	0.0	0.0	42.2	3,735.6	157.4	6,046.1
White	1,701.8	13,091.4	1,464.8	522.2	181.2	445.8	55.9	11,599.6	0.0	523.8
Williamson	943.2	14,030.7	433.9	307.3	385.6	979.9	123.7	11,983.9	0.0	759.5
Wilson	1,511.9	4,120.2	526.8	284.3	920.9	2,415.1	64.2	1,420.8	0.0	0.0
All counties	148,757.6	1,184,374.5	74,702.8	37,183.3	42,840.5	89,468.4	28,107.8	977,561.4	3,106.5	80,161.4

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 18.—*Wood and bark dry weight of stems in live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	1,554.0	9,759.6	730.4	258.9	365.3	311.4	458.3	9,189.3	0.0	0.0
Bedford	419.4	4,733.3	277.0	259.6	99.9	213.5	11.9	3,747.0	30.6	513.2
Benton	762.9	10,954.4	549.0	67.3	196.2	229.6	17.6	10,467.0	0.0	190.5
Bledsoe	3,096.7	8,510.7	108.2	669.3	581.4	1,151.6	407.1	6,689.8	0.0	0.0
Blount	1,719.5	4,328.7	841.5	286.5	652.4	1,220.3	225.6	2,822.0	0.0	0.0
Bradley	2,225.5	3,761.0	1,918.2	433.9	154.9	35.0	152.4	3,292.1	0.0	0.0
Campbell	2,341.9	19,197.2	1,105.2	515.6	831.3	1,033.7	405.4	17,647.9	0.0	0.0
Cannon	463.1	6,045.9	184.8	139.8	218.7	597.5	59.6	5,308.6	0.0	0.0
Carroll	817.8	13,578.5	273.2	62.5	198.9	428.7	345.7	10,171.1	0.0	2,916.3
Carter	1,740.9	14,491.8	149.1	153.5	761.4	1,169.9	830.3	13,168.4	0.0	0.0
Cheatam	236.4	9,739.1	0.0	0.0	0.0	0.0	236.4	9,739.1	0.0	0.0
Chester	1,479.5	5,340.8	569.3	177.5	754.8	1,400.9	155.3	3,485.4	0.0	276.9
Claiborne	494.9	12,747.3	91.8	89.1	239.5	682.6	163.6	11,975.5	0.0	0.0
Clay	266.7	5,385.9	0.0	0.0	155.3	359.4	111.4	5,026.5	0.0	0.0
Cocke	2,061.4	11,146.5	852.0	498.3	663.5	1,257.2	546.0	8,975.5	0.0	415.5
Coffee	0.0	9,512.1	0.0	0.0	0.0	0.0	0.0	9,132.6	0.0	379.4
Crockett	0.0	1,905.7	0.0	0.0	0.0	0.0	0.0	1,905.7	0.0	0.0
Cumberland	5,424.1	20,442.3	2,817.5	1,201.7	1,525.0	3,118.2	1,081.6	16,122.4	0.0	0.0
Davidson	436.4	7,702.0	0.0	0.0	219.8	481.9	216.6	7,220.1	0.0	0.0
Decatur	939.3	10,838.2	649.9	330.7	145.5	357.1	143.9	9,649.5	0.0	501.0
DeKalb	736.5	9,428.2	315.8	242.9	403.7	903.3	17.1	7,348.2	0.0	933.8
Dickson	116.7	13,672.8	0.0	0.0	100.3	280.8	16.4	13,392.0	0.0	0.0
Dyer	0.0	3,269.5	0.0	0.0	0.0	0.0	0.0	1,230.0	0.0	2,039.5
Fayette	1,262.1	12,223.3	822.7	593.6	292.5	632.2	146.8	9,184.6	0.0	1,812.9
Fentress	4,976.8	14,758.1	2,603.2	1,210.4	1,185.5	2,742.9	1,188.0	10,804.8	0.0	0.0
Franklin	259.7	11,316.5	0.0	0.0	129.1	312.8	130.6	11,003.7	0.0	0.0
Gibson	0.0	2,865.4	0.0	0.0	0.0	0.0	0.0	2,865.4	0.0	0.0
Giles	216.2	9,509.8	144.5	276.0	1.2	5.1	70.5	9,124.7	0.0	104.0
Grainger	771.3	8,624.7	0.0	0.0	372.9	733.0	398.4	7,891.6	0.0	0.0
Greene	1,840.9	12,765.0	930.1	683.5	591.8	1,044.4	318.9	11,037.1	0.0	0.0
Grundy	1,203.9	10,437.8	728.9	361.0	149.7	393.2	325.4	9,683.5	0.0	0.0
Hamblen	746.0	2,869.4	575.8	176.1	157.2	557.2	13.0	2,136.1	0.0	0.0
Hamilton	3,728.2	12,117.8	1,827.0	1,188.4	1,231.9	1,761.9	669.3	9,142.4	0.0	25.1
Hancock	180.7	4,770.1	0.0	0.0	99.5	206.1	81.2	4,564.0	0.0	0.0
Hardeman	2,682.7	15,753.6	1,806.9	557.0	470.4	882.2	316.9	11,490.4	88.5	2,823.9
Hardin	2,855.3	11,900.1	1,680.4	607.1	773.4	1,453.0	349.8	7,070.7	51.6	2,769.3
Hawkins	1,466.8	11,888.6	444.5	31.4	750.4	1,474.5	271.9	10,382.7	0.0	0.0
Haywood	3.5	6,775.7	0.0	0.0	0.0	0.0	3.5	814.2	0.0	5,961.5
Henderson	2,038.5	10,893.2	1,921.2	1,100.7	84.1	268.8	15.6	6,814.3	17.6	2,709.4
Henry	158.7	13,233.5	104.5	39.5	0.0	0.0	54.1	9,436.3	0.0	3,757.7
Hickman	684.9	23,545.5	473.7	75.1	0.0	0.0	211.2	23,470.5	0.0	0.0
Houston	63.0	7,448.2	0.0	0.0	0.0	0.0	63.0	7,448.2	0.0	0.0
Humphreys	174.2	16,719.5	0.0	0.0	0.0	0.0	174.2	16,719.5	0.0	0.0
Jackson	512.1	10,147.9	0.0	0.0	437.3	1,362.2	74.8	8,785.7	0.0	0.0
Jefferson	573.1	4,811.0	464.4	416.3	44.6	160.5	64.1	4,234.1	0.0	0.0
Johnson	1,289.8	10,901.2	0.0	0.0	575.1	1,518.7	714.7	9,382.5	0.0	0.0
Knox	1,898.1	8,934.8	661.6	77.5	876.3	1,334.8	360.2	7,522.5	0.0	0.0
Lake	1,062.5	1,567.6	0.0	0.0	0.0	0.0	0.0	0.0	1,062.5	1,567.6
Lauderdale	736.1	7,093.1	0.0	0.0	0.0	0.0	0.0	1,979.5	736.1	5,113.6
Lawrence	0.0	12,827.6	0.0	0.0	0.0	0.0	0.0	12,219.8	0.0	607.8
Lewis	122.9	10,113.6	76.1	0.0	0.0	0.0	46.8	9,180.8	0.0	932.8
Lincoln	646.0	7,718.3	333.0	320.6	141.3	520.1	171.7	6,298.0	0.0	579.6
Loudon	1,754.7	3,601.4	1,468.5	373.7	278.3	519.8	7.9	2,708.0	0.0	0.0

Table 18. — *Wood and bark dry weight of stems in live trees on timberland by county and forest type group, Tennessee, 1989* — Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
McMinn	4,100.6	7,057.3	3,469.9	1,572.2	436.8	824.9	194.0	4,170.9	0.0	489.3
McNairy	3,540.9	11,383.0	2,573.0	1,118.0	822.9	1,397.6	129.5	7,400.1	15.5	1,467.2
Macon	11.8	5,890.1	0.0	0.0	0.0	0.0	11.8	5,890.1	0.0	0.0
Madison	461.4	11,542.4	159.1	56.3	201.1	725.6	74.9	6,535.6	26.2	4,225.0
Marion	1,856.9	17,200.3	131.2	22.3	827.5	1,867.6	898.2	15,079.9	0.0	230.5
Marshall	561.6	4,653.3	139.0	142.1	292.5	727.1	130.1	3,784.2	0.0	0.0
Maury	80.1	7,863.1	33.9	0.0	15.8	158.4	30.5	7,704.8	0.0	0.0
Meigs	2,240.8	4,514.6	1,316.9	200.0	610.1	1,256.3	313.8	3,058.3	0.0	0.0
Monroe	8,578.3	16,581.6	5,149.3	2,018.3	2,271.6	3,258.5	1,157.5	11,304.7	0.0	0.0
Montgomery	363.2	9,255.8	0.0	0.0	222.8	583.2	140.4	8,672.6	0.0	0.0
Moore	168.1	3,067.7	0.0	0.0	0.0	0.0	168.1	3,067.7	0.0	0.0
Morgan	3,378.9	18,406.6	86.1	1.8	2,204.3	4,118.4	1,088.5	14,286.4	0.0	0.0
Obion	448.9	7,207.3	0.0	0.0	0.0	0.0	0.0	3,789.7	448.9	3,417.6
Overton	1,259.9	14,198.4	601.0	333.9	352.7	610.0	306.2	13,254.5	0.0	0.0
Perry	371.4	15,034.6	197.0	353.3	34.8	176.2	139.7	14,145.5	0.0	359.6
Pickett	291.6	5,691.9	0.0	0.0	0.0	32.3	291.6	5,659.6	0.0	0.0
Polk	7,960.9	8,387.0	6,064.4	2,734.4	1,327.8	1,672.1	568.7	3,980.4	0.0	0.0
Putnam	763.7	11,320.8	2.6	24.8	518.5	878.8	242.5	10,417.2	0.0	0.0
Rhea	1,800.7	8,355.7	606.8	128.9	1,012.1	1,443.7	181.8	6,783.1	0.0	0.0
Roane	1,818.5	11,476.5	759.5	279.3	660.4	1,292.5	398.6	9,904.7	0.0	0.0
Robertson	17.5	3,809.2	0.0	0.0	0.0	0.0	17.5	3,809.2	0.0	0.0
Rutherford	1,281.0	5,026.0	795.5	650.4	352.6	1,523.3	132.9	2,852.3	0.0	0.0
Scott	3,836.9	23,068.4	1,153.0	888.5	1,401.2	1,728.6	1,282.7	20,451.3	0.0	0.0
Sequatchie	2,757.5	7,317.7	2,094.1	1,375.3	0.0	0.0	663.5	5,942.4	0.0	0.0
Sevier	2,782.9	8,284.2	674.6	354.1	1,766.4	2,738.6	341.9	5,191.6	0.0	0.0
Shelby	89.8	10,890.0	0.0	0.0	0.0	0.0	50.2	5,666.1	39.6	5,223.9
Smith	251.2	5,732.9	61.0	76.2	60.5	323.3	129.7	5,333.4	0.0	0.0
Stewart	337.6	14,805.8	245.3	291.8	0.0	0.0	92.2	14,514.1	0.0	0.0
Sullivan	1,543.1	8,998.4	833.7	387.2	477.8	1,093.9	231.6	7,517.4	0.0	0.0
Sumner	170.9	5,082.7	168.7	268.7	0.0	0.0	2.2	4,814.0	0.0	0.0
Tipton	1.8	4,176.0	0.0	0.0	0.0	0.0	1.8	3,269.0	0.0	907.0
Trousdale	189.4	1,574.2	0.0	0.0	116.3	445.8	73.1	1,128.4	0.0	0.0
Unicoi	1,763.7	7,594.8	406.6	230.8	715.9	1,393.0	641.2	5,970.9	0.0	0.0
Union	1,219.8	6,470.2	271.4	249.2	793.3	997.6	155.1	5,223.4	0.0	0.0
Van Buren	1,927.1	7,477.6	1,386.5	681.1	311.0	505.1	229.6	6,291.3	0.0	0.0
Warren	22.1	7,601.0	0.0	0.0	0.0	52.5	22.1	6,985.6	0.0	562.8
Washington	787.7	4,767.2	0.0	0.0	356.1	431.9	431.6	4,335.3	0.0	0.0
Wayne	1,267.1	22,490.1	646.2	368.6	187.2	576.5	433.7	21,289.1	0.0	255.8
Weakley	821.4	7,118.3	646.6	116.0	0.0	0.0	33.4	2,712.6	141.5	4,289.7
White	1,399.8	9,925.9	1,206.9	446.6	145.6	339.2	47.3	8,719.7	0.0	420.5
Williamson	819.2	10,332.1	375.1	217.2	342.5	766.3	101.6	8,793.6	0.0	555.0
Wilson	1,338.1	3,027.6	461.9	197.0	820.6	1,753.3	55.6	1,077.3	0.0	0.0
All counties	125,926.1	899,282.1	63,216.7	29,259.5	36,569.1	68,808.1	23,481.6	741,879.2	2,658.8	59,335.2

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 19.—*Wood and bark dry weight of crowns in live trees on timberland by county and forest type group, Tennessee, 1989**

County	All types		Forest type group							
			Loblolly-shortleaf pine†		Oak-pine		Oak-hickory‡		Bottomland hardwoods§	
	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞	Soft¶	Hard∞
	Million pounds									
Anderson	356.5	3,081.8	125.0	85.5	77.5	119.7	153.9	2,876.5	0.0	0.0
Bedford	94.9	1,594.5	66.8	104.3	11.4	43.7	1.4	1,143.7	15.3	302.8
Benton	167.0	3,410.9	128.6	12.0	35.8	71.8	2.7	3,271.6	0.0	55.6
Bledsoe	657.3	2,501.2	452.6	142.8	111.1	359.8	93.6	1,998.6	0.0	0.0
Blount	295.7	1,300.2	137.4	85.8	118.7	304.6	39.6	909.7	0.0	0.0
Bradley	365.7	1,252.3	333.1	106.8	9.9	21.5	22.7	1,124.0	0.0	0.0
Campbell	437.4	6,002.7	206.1	128.5	141.6	299.0	89.8	5,575.2	0.0	0.0
Cannon	96.8	1,767.9	29.8	44.5	50.9	150.3	16.2	1,573.0	0.0	0.0
Carroll	133.5	4,215.7	42.3	7.4	37.4	122.5	53.7	3,271.2	0.0	814.6
Carter	376.5	4,295.9	27.1	33.2	122.4	358.7	227.1	3,903.9	0.0	0.0
Cheatam	40.6	2,899.7	0.0	0.0	0.0	0.0	40.6	2,899.7	0.0	0.0
Chester	250.8	1,574.8	92.5	53.4	132.9	444.0	25.4	998.0	0.0	79.4
Claiborne	84.4	3,898.8	24.1	28.9	37.3	154.6	23.1	3,715.3	0.0	0.0
Clay	32.4	1,686.3	0.0	0.0	13.3	88.2	19.0	1,598.1	0.0	0.0
Cocke	386.5	3,227.3	147.1	162.5	98.8	337.5	140.6	2,586.8	0.0	140.5
Coffee	0.0	3,282.4	0.0	0.0	0.0	0.0	0.0	3,154.5	0.0	127.8
Crockett	0.0	655.5	0.0	0.0	0.0	0.0	0.0	655.5	0.0	0.0
Cumberland	1,000.9	6,378.3	566.8	294.1	256.3	917.0	177.8	5,167.3	0.0	0.0
Davidson	54.7	2,799.8	0.0	0.0	26.7	147.4	28.0	2,652.5	0.0	0.0
Decatur	145.1	3,345.1	103.7	65.8	23.9	100.5	17.5	3,041.4	0.0	137.5
DeKalb	127.4	2,981.5	48.9	67.6	74.2	303.6	4.3	2,307.6	0.0	302.7
Dickson	16.0	4,455.1	0.0	0.0	15.0	99.5	1.0	4,355.6	0.0	0.0
Dyer	0.0	1,219.7	0.0	0.0	0.0	0.0	0.0	554.7	0.0	665.0
Fayette	215.1	4,298.8	144.5	235.7	46.2	171.3	24.3	3,314.8	0.0	576.9
Fentress	928.1	4,518.6	479.2	231.6	193.6	885.1	255.3	3,401.9	0.0	0.0
Franklin	45.7	3,660.4	0.0	0.0	26.6	71.9	19.1	3,588.5	0.0	0.0
Gibson	0.0	994.9	0.0	0.0	0.0	0.0	0.0	994.9	0.0	0.0
Giles	43.1	3,221.2	32.6	59.1	0.1	0.4	10.4	3,130.1	0.0	31.6
Grainger	132.8	2,469.5	0.0	0.0	63.1	233.6	69.7	2,235.8	0.0	0.0
Greene	286.9	4,200.1	154.6	167.6	83.6	341.7	48.6	3,690.8	0.0	0.0
Grundy	245.9	3,439.9	136.4	166.6	23.7	153.9	85.7	3,119.4	0.0	0.0
Hamblen	131.3	1,026.6	101.0	49.8	27.2	236.2	3.1	740.6	0.0	0.0
Hamilton	594.1	3,725.4	296.1	304.9	175.8	461.9	122.2	2,952.1	0.0	6.4
Hancock	34.7	1,443.6	0.0	0.0	20.2	73.1	14.6	1,370.5	0.0	0.0
Hardeman	418.4	5,209.1	266.0	121.7	85.0	334.0	57.2	3,807.4	10.2	946.0
Hardin	546.5	4,173.7	340.0	160.4	134.5	487.4	64.9	2,535.7	7.0	990.1
Hawkins	221.3	3,431.9	59.5	4.5	112.8	386.7	49.0	3,040.7	0.0	0.0
Haywood	0.2	2,749.8	0.0	0.0	0.0	0.0	0.2	263.7	0.0	2,486.1
Henderson	393.8	3,693.2	368.8	279.1	17.0	91.8	1.8	2,401.2	6.2	921.1
Henry	30.5	4,337.8	18.3	16.1	0.0	0.0	12.2	3,094.9	0.0	1,226.8
Hickman	128.7	7,275.7	88.7	32.0	0.0	0.0	40.0	7,243.7	0.0	0.0
Houston	4.9	2,430.3	0.0	0.0	0.0	0.0	4.9	2,430.3	0.0	0.0
Humphreys	38.7	5,487.8	0.0	0.0	0.0	0.0	38.7	5,487.8	0.0	0.0
Jackson	91.4	3,311.6	0.0	0.0	81.4	370.9	10.0	2,940.7	0.0	0.0
Jefferson	118.7	1,603.5	0.01	133.8	6.8	55.1	19.7	1,414.6	0.0	0.0
Johnson	274.3	3,041.2	0..0	0.0	106.6	413.2	167.7	2,628.0	0.0	0.0
Knox	316.2	2,909.0	97.2	20.8	163.6	502.7	55.4	2,385.5	0.0	0.0
Lake	211.8	648.7	0.0	0.0	0.0	0.0	0.0	0.0	211.8	648.7
Lauderdale	109.6	2,596.6	0.0	0.0	0.0	0.0	0.0	725.8	109.6	1,870.8
Lawrence	0.0	3,981.9	0.0	0.0	0.0	0.0	0.0	3,767.2	0.0	214.6
Lewis	12.7	3,140.7	4.9	0.0	0.0	0.0	7.8	2,856.8	0.0	283.9
Lincoln	116.1	2,479.7	69.4	78.2	24.3	128.0	22.3	2,082.0	0.0	191.6
Loudon	296.9	1,272.7	242.4	83.6	53.0	138.5	1.5	1,050.7	0.0	0.0

Table 19. – *Wood and bark dry weight of crowns in live trees on timberland by county and forest type group, Tennessee, 1989* – Continued*

County	All types		Forest type group							
			Loblolly-shortleaf pine[†]		Oak-pine		Oak-hickory[‡]		Bottomland hardwoods[§]	
	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]	Soft[¶]	Hard[∞]
	Million pounds									
McMinn	738.3	2,094.5	636.7	440.2	74.2	278.2	27.4	1,250.3	0.0	125.8
McNairy	579.3	3,383.3	411.0	248.5	146.1	430.7	20.5	2,229.8	1.7	474.3
Macon	2.2	1,701.0	0.0	0.0	0.0	0.0	2.2	1,701.0	0.0	0.0
Madison	73.1	4,095.2	32.7	11.0	27.5	288.5	10.2	2,414.3	2.7	1,381.4
Marion	347.3	5,028.5	25.5	1.9	139.2	544.2	182.6	4,423.3	0.0	59.1
Marshall	85.5	1,505.3	24.0	38.4	35.5	182.3	26.0	1,284.6	0.0	0.0
Maury	12.1	2,494.6	4.0	0.0	1.0	43.1	7.1	2,451.5	0.0	0.0
Meigs	380.7	1,396.6	252.4	69.9	80.9	389.9	47.4	936.8	0.0	0.0
Monroe	1,539.9	5,012.8	922.1	578.7	381.2	962.7	236.7	3,471.4	0.0	0.0
Montgomery	60.7	3,054.6	0.0	0.0	38.4	234.1	22.3	2,820.5	0.0	0.0
Moore	26.4	1,090.6	0.0	0.0	0.0	0.0	26.4	1,090.6	0.0	0.0
Morgan	601.4	5,498.4	23.7	0.2	408.1	1,219.1	169.6	4,279.2	0.0	0.0
Obion	61.6	2,749.7	0.0	0.0	0.0	0.0	0.0	1,448.9	61.6	1,300.8
Overton	253.8	3,934.8	129.4	41.2	79.5	122.9	44.9	3,770.7	0.0	0.0
Perry	67.7	4,419.7	34.8	67.9	4.1	39.1	28.8	4,200.8	0.0	112.0
Pickett	78.8	1,749.3	0.0	0.0	0.0	24.4	78.8	1,724.9	0.0	0.0
Polk	1,429.5	2,390.8	1,076.3	750.3	244.6	456.3	108.6	1,184.2	0.0	0.0
Putnam	145.1	3,525.3	0.2	13.0	89.1	229.2	55.8	3,283.1	0.0	0.0
Rhea	369.0	2,563.5	123.9	38.2	209.9	495.9	35.2	2,029.5	0.0	0.0
Roane	282.4	3,444.8	117.9	68.1	113.1	423.0	51.5	2,953.7	0.0	0.0
Robertson	2.1	1,326.6	0.0	0.0	0.0	0.0	2.1	1,326.6	0.0	0.0
Rutherford	230.7	1,632.4	0.04.0	189.0	74.4	503.6	22.4	939.8	0.0	0.0
Scott	690.9	7,264.1	209.6	251.2	227.9	533.0	253.5	6,479.9	0.0	0.0
Sequatchie	558.0	2,070.9	439.4	381.1	0.0	0.0	118.6	1,689.9	0.0	0.0
Sevier	506.0	2,346.3	124.7	74.9	305.5	721.1	75.9	1,550.2	0.0	0.0
Shelby	12.8	3,398.2	0.0	0.0	0.0	0.0	7.1	1,789.1	5.8	1,609.2
Smith	56.1	1,997.5	7.0	38.0	21.8	101.8	27.3	1,857.7	0.0	0.0
Stewart	57.9	4,899.9	42.3	139.0	0.0	0.0	15.6	4,760.8	0.0	0.0
Sullivan	283.3	2,766.5	158.1	114.7	85.0	283.0	40.2	2,368.8	0.0	0.0
Sumner	31.2	1,659.4	31.0	104.4	0.0	0.0	0.1	1,555.0	0.0	0.0
Tipton	0.1	1,493.1	0.0	0.0	0.0	0.0	0.1	1,081.9	0.0	411.3
Trousdale	42.4	431.4	0.0	0.0	24.5	110.6	17.9	320.9	0.0	0.0
Unicoi	364.3	2,207.9	68.7	60.8	127.8	380.8	167.8	1,766.3	0.0	0.0
Union	207.3	1,925.6	31.1	63.4	144.5	303.8	31.7	1,558.4	0.0	0.0
Van Buren	396.9	2,307.7	296.4	216.0	59.8	121.4	40.6	1,970.2	0.0	0.0
Warren	5.9	2,477.3	0.0	0.0	0.0	22.2	5.9	2,264.6	0.0	190.5
Washington	170.7	1,559.5	0.0	0.0	69.5	127.8	101.3	1,431.7	0.0	0.0
Wayne	237.6	6,827.8	114.6	72.4	39.2	124.4	83.8	6,554.2	0.0	76.8
Weakley	134.2	2,809.2	109.5	29.8	0.0	0.0	8.9	1,023.0	15.9	1,756.4
White	302.1	3,165.5	257.9	75.6	35.6	106.6	8.6	2,879.9	0.0	103.3
Williamson	124.0	3,698.6	58.8	90.0	43.1	213.6	22.1	3,190.3	0.0	204.6
Wilson	173.7	1,092.5	64.9	87.3	100.3	661.7	8.6	343.5	0.0	0.0
All counties	22,831.6	285,092.4	11,486.1	7,923.8	6,271.4	20,660.3	4,626.2	235,682.1	447.8	20,826.1

*Numbers in columns and rows may not total due to rounding.
[†]Also includes hemlock and white pine-hemlock types.
[‡]Also includes maple-beech-birch type.
[§]Includes oak-gum-cypress and elm-ash-cottonwood types.
[¶]Softwood species.
[∞]Hardwood species.

Table 20. – *Wood and bark fresh weight of live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	152,775.2	67,075.1	15,479.2	8,071.1	9,633.1	5,422.5	22,601.4	7,985.4	105,061.6	45,596.1
Oak-pine	87,962.1	158,589.5	7,752.1	12,281.1	9,085.3	15,568.3	5,676.5	11,775.8	65,448.3	118,964.2
Oak-hickory¶	58,054.3	1,708,132.6	6,419.5	75,362.0	5,825.5	118,525.6	4,536.5	103,717.8	41,272.8	1,410,527.2
Bottomland hardwoods∞	5,569.4	145,432.8	0.0	0.0	3,568.6	25,933.8	1,217.7	18,308.0	783.1	101,191.0
All types	304,361.0	2,079,230.0	29,650.8	95,714.2	28,112.4	165,450.2	34,032.0	141,787.0	212,565.9	1,676,278.5

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 21. – *Wood and bark fresh weight of stems in live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	125,449.4	51,293.3	12,427.7	6,108.0	7,943.6	4,081.2	17,931.2	6,177.4	87,146.9	34,926.8
Oak-pine	72,493.9	119,848.2	6,064.1	9,470.8	7,643.5	11,731.8	4,642.0	8,847.1	54,144.3	89,798.5
Oak-hickory¶	47,336.9	1,288,502.6	5,125.2	57,409.6	4,840.7	88,595.8	3,712.4	78,880.7	33,658.6	1,063,616.4
Bottomland hardwoods∞	4,758.9	108,967.8	0.0	0.0	3,013.3	19,495.1	1,071.1	13,359.5	674.6	76,113.1
All types	250,039.1	1,568,611.9	23,617.0	72,988.3	23,441.1	123,904.0	27,356.6	107,264.8	175,624.4	1,264,454.8

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 22. – *Wood and bark fresh weight of crowns in live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	27,325.8	15,781.7	3,051.4	1,963.1	1,689.4	1,341.3	4,670.2	1,808.0	17,914.7	10,669.3
Oak-pine	15,468.3	38,741.2	1,688.0	2,810.3	1,441.8	3,836.5	1,034.5	2,928.7	11,304.0	29,165.7
Oak-hickory¶	10,717.4	419,630.1	1,294.4	17,952.4	984.8	29,929.8	824.1	24,837.1	7,614.2	346,910.8
Bottomland hardwoods∞	810.5	36,465.1	0.0	0.0	555.3	6,438.6	146.6	4,948.5	108.6	25,078.0
All types	54,321.9	510,618.2	6,033.7	22,725.9	4,671.3	41,546.3	6,675.4	34,522.3	36,941.5	411,823.8

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 23. – *Wood and bark dry weight of live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	74,702.8	37,183.3	7,308.8	4,527.0	4,710.0	3,047.3	11,276.6	4,421.9	51,407.4	25,187.1
Oak-pine	42,840.5	89,468.4	3,632.4	7,002.8	4,475.7	8,609.1	2,788.1	6,633.8	31,944.3	67,222.8
Oak-hickory¶	28,107.8	977,561.4	3,077.7	42,920.1	2,814.3	67,666.2	2,191.5	59,642.6	20,024.3	807,332.5
Bottomland hardwoods∞	3,106.5	80,161.4	0.0	0.0	1,993.5	14,772.4	681.3	10,264.3	431.8	55,124.7
All types	148,757.6	1,184,374.5	14,018.9	54,450.0	13,993.4	94,095.0	16,937.5	80,962.5	103,807.8	954,867.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 24. – *Wood and bark dry weight of stems in live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	63,216.7	29,259.5	6,218.9	3,482.1	3,969.7	2,334.3	9,255.0	3,607.2	43,773.1	19,835.8
Oak-pine	36,569.1	68,808.1	3,089.6	5,534.1	3,849.3	6,557.9	2,339.2	5,111.9	27,290.9	51,604.3
Oak-hickory¶	23,481.6	741,879.2	2,537.4	32,849.0	2,390.1	50,969.9	1,828.7	46,018.1	16,725.5	612,042.2
Bottomland hardwoods∞	2,658.8	59,335.2	0.0	0.0	1,684.3	10,895.8	599.2	7,361.7	375.2	41,077.7
All types	125,926.1	899,282.1	11,845.8	41,865.2	11,893.4	70,758.0	14,022.2	62,098.9	88,164.7	724,560.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 25. – *Wood and bark dry weight of crowns in live trees on timberland by forest type group and ownership class, Tennessee, 1989**

Forest type group	All classes		Ownership class							
			National forest		Other public		Forest industry		Nonindustrial private	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Loblolly-shortleaf§	11,486.1	7,923.8	1,089.9	1,044.9	740.4	712.9	2,021.6	814.7	7,634.3	5,351.2
Oak-pine	6,271.4	20,660.3	542.8	1,468.7	626.4	2,051.1	448.9	1,521.9	4,653.4	15,618.6
Oak-hickory¶	4,626.2	235,682.1	540.3	10,071.1	424.2	16,696.4	362.8	13,624.5	3,298.9	195,290.2
Bottomland hardwoods∞	447.8	20,826.1	0.0	0.0	309.1	3,876.6	82.0	2,902.6	56.6	14,047.0
All types	22,831.6	285,092.4	2,173.1	12,584.7	2,100.0	23,337.0	2,915.3	18,863.6	15,643.1	230,307.0

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.
§Also includes hemlock and white pine-hemlock types.
¶Also includes maple-beech-birch type.
∞Includes oak-gum-cypress and elm-ash-cottonwood types.

Table 26. – *Wood and bark fresh weight of live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Southern redcedar	33.0	6.1	26.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	38,278.4	3,062.7	9,244.7	8,519.2	6,567.0	4,800.7	3,219.2	1,607.6	581.2	525.2	34.9	115.9	0.0
Shortleaf pine	58,308.4	353.0	2,159.8	4,519.1	10,570.3	12,909.8	13,575.7	8,100.4	3,941.9	1,442.0	350.7	385.6	0.0
Table Mountain pine	1,458.6	10.3	117.2	149.8	345.5	346.1	350.6	22.8	81.5	0.0	34.7	0.0	0.0
Pitch pine	5,774.9	43.7	68.3	597.4	992.3	989.3	939.2	854.6	878.8	88.4	194.0	129.0	0.0
Eastern white pine	23,355.6	641.2	1,342.1	913.9	1,792.3	1,959.2	2,444.7	2,118.3	2,688.0	2,370.6	2,293.1	3,872.1	920.2
Loblolly pine	46,542.8	679.5	4,804.4	8,423.0	10,885.7	9,193.1	5,907.0	4,198.3	1,049.0	639.6	542.3	220.9	0.0
Virginia pine	108,988.8	1,723.7	6,231.8	13,461.3	23,398.5	21,582.1	20,617.2	13,748.2	5,598.7	1,910.8	490.1	226.4	0.0
Baldcypress	5,414.3	0.0	20.6	0.0	125.0	147.7	32.7	226.8	443.5	392.5	456.9	1,852.2	1,716.2
Eastern hemlock	16,201.6	742.9	1,429.7	1,330.2	1,276.7	1,409.7	2,027.5	1,856.5	1,188.5	1,654.1	1,086.4	2,011.9	187.6
Carolina hemlock	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	102.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.8	0.0	53.4	0.0
Boxelder	8,672.2	238.9	809.6	998.7	1,713.9	1,694.7	1,142.4	672.4	899.2	311.5	0.0	133.4	57.5
Black maple	748.8	197.4	0.0	98.1	0.0	0.0	74.2	93.3	0.0	0.0	154.0	131.9	0.0
Red maple	99,636.0	8,974.0	13,500.2	12,652.5	13,737.4	13,412.8	11,113.2	7,740.6	5,532.4	4,422.6	3,355.5	4,466.3	728.6
Silver maple	2,977.3	38.7	185.9	143.6	73.5	310.6	352.4	536.3	399.1	322.1	45.9	382.8	186.4
Sugar maple	82,619.1	4,531.2	8,175.1	8,074.7	8,294.0	9,511.3	9,427.2	10,019.5	6,682.8	5,587.9	3,738.5	5,906.3	2,670.6
Ohio buckeye	576.9	42.9	0.0	49.6	30.6	172.4	23.6	128.9	39.9	48.1	41.0	0.0	0.0
Yellow buckeye	3,665.5	21.8	159.5	223.0	451.6	170.9	655.7	468.2	177.2	220.9	323.3	640.3	153.1
Ailanthus, tree-of-heaven	4,003.6	271.2	448.5	886.3	1,041.3	363.0	357.5	482.0	59.9	51.5	0.0	42.4	0.0
Serviceberry	809.3	346.5	321.5	69.6	71.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	790.0	59.4	179.6	112.8	0.0	24.2	0.0	139.6	0.0	0.0	0.0	239.1	35.2
Sweet birch	6,995.1	405.9	867.4	1,654.4	1,840.3	930.5	581.9	213.2	57.9	102.4	135.3	128.4	77.6
River birch	5,353.7	54.3	523.3	761.8	514.2	642.5	677.7	505.0	387.7	461.8	321.4	504.0	0.0
Bumelia	14.8	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	5,403.5	1,591.4	1,476.3	889.6	1,091.5	322.1	32.6	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	212,821.0	6,848.0	16,842.1	16,895.2	27,599.9	33,904.0	31,731.4	27,994.8	18,929.4	12,448.8	8,056.2	9,977.9	1,593.4
Water hickory	369.7	0.0	0.0	0.0	0.0	69.4	111.3	99.4	0.0	89.6	0.0	0.0	0.0
Pecan	561.5	11.9	0.0	0.0	0.0	36.9	0.0	80.9	83.4	0.0	0.0	169.6	178.9
Chinkapin	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	70.4	24.4	46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	97.9	0.0	0.0	0.0	36.5	0.0	0.0	0.0	0.0	27.3	0.0	34.1	0.0
Sugarberry	9,018.0	221.7	1,182.9	871.0	1,196.9	1,283.4	1,230.4	1,103.5	659.2	533.7	254.6	258.8	222.0
Hackberry	17,007.0	853.4	1,416.4	1,394.0	2,404.1	1,782.2	1,966.0	2,288.6	1,405.2	1,374.7	568.7	770.6	783.3
Eastern redbud	4,535.8	1,521.8	1,923.3	637.4	402.1	23.9	27.3	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	35,346.3	14,482.1	16,025.0	3,933.2	735.0	109.9	61.0	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	23.8	2.0	0.0	0.0	0.0	0.0	0.0	21.8	0.0	0.0	0.0	0.0	0.0
Hawthorn	417.5	173.3	220.9	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	7,443.9	922.3	1,260.4	1,936.5	1,317.1	783.2	632.0	82.1	251.7	0.0	258.6	0.0	0.0
American beech	65,839.8	1,280.7	1,926.6	2,297.5	3,486.3	4,340.0	4,454.0	6,077.1	4,685.7	6,889.1	4,740.4	17,326.9	8,335.5
White ash	35,139.9	2,305.2	3,910.9	3,576.5	4,437.0	4,153.3	4,236.4	3,941.0	2,889.2	1,926.1	1,686.6	1,699.7	377.9
Green ash	21,790.1	868.0	2,197.1	2,255.6	2,180.2	3,736.1	3,151.3	1,754.4	2,366.1	1,806.7	948.6	526.0	0.0
Blue ash	1,192.4	79.6	332.7	199.7	248.2	125.7	67.1	33.8	30.4	39.2	0.0	36.1	0.0
Waterlocust	595.7	23.9	225.3	66.2	68.5	73.8	0.0	0.0	0.0	0.0	0.0	138.0	0.0
Honeylocust	2,676.3	113.8	143.7	203.7	464.0	555.5	576.1	308.3	112.8	198.3	0.0	0.0	0.0
Kentucky coffeetree	68.6	1.0	0.0	0.0	0.0	12.9	0.0	54.6	0.0	0.0	0.0	0.0	0.0
Silverbell	153.6	4.6	0.0	0.0	0.0	28.1	0.0	0.0	41.7	39.8	0.0	39.3	0.0
American holly	994.7	333.1	283.9	97.3	69.9	82.1	47.5	0.0	36.6	44.2	0.0	0.0	0.0
Butternut	947.7	62.3	76.1	64.7	152.5	42.2	238.8	181.4	129.6	0.0	0.0	0.0	0.0
Black walnut	16,070.2	141.5	400.7	1,273.4	1,980.2	2,711.4	2,842.8	2,470.4	1,770.6	864.9	844.4	687.3	82.5
Sweetgum	69,858.7	2,055.0	4,111.6	5,651.0	8,041.8	9,917.8	10,740.1	9,006.4	8,958.2	3,196.2	2,992.5	4,178.5	1,009.4
Yellow-poplar	166,889.8	2,129.8	4,670.7	6,708.7	11,875.3	15,832.2	20,422.6	24,776.0	22,931.0	20,087.6	15,085.0	19,766.9	2,603.9
Osage-orange	3,793.4	417.6	1,022.0	744.0	472.0	570.3	249.0	155.9	0.0	51.3	0.0	53.3	57.9
Cucumbertree	4,358.9	43.0	290.7	352.5	743.4	962.9	591.0	379.0	436.9	238.1	267.8	53.7	0.0
Southern magnolia	103.1	0.0	0.0	75.5	0.0	0.0	0.0	0.0	0.0	0.0	27.5	0.0	0.0

Table 26. — *Wood and bark fresh weight of live trees on timberland by species and diameter class, Tennessee, 1989* — Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Bigleaf magnolia	186.3	0.0	45.3	63.5	0.0	36.2	0.0	0.0	41.3	0.0	0.0	0.0	0.0
Sweetbay	123.7	0.0	0.0	84.6	0.0	39.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	36.5	17.7	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	125.0	40.1	0.0	31.5	0.0	0.0	0.0	53.4	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,768.7	132.8	309.4	247.9	320.7	345.8	225.3	74.2	84.0	28.6	0.0	0.0	0.0
Water tupelo	1,799.8	16.2	91.6	60.9	252.3	105.7	79.6	456.1	201.0	264.5	192.2	79.6	0.0
Blackgum, black tupelo	46,259.8	4,971.0	5,869.7	6,095.1	5,776.2	5,325.3	5,001.8	4,476.1	3,446.5	2,104.0	1,495.8	1,587.8	110.6
Swamp tupelo	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	9,824.5	2,884.7	3,687.2	1,738.0	995.3	137.5	226.8	53.1	0.0	0.0	101.8	0.0	0.0
Sourwood	44,418.4	7,206.1	18,256.6	10,641.0	4,452.6	1,793.3	1,222.8	587.1	220.2	38.7	0.0	0.0	0.0
Royal paulownia	1,177.6	16.6	154.8	115.8	254.3	176.1	113.0	51.9	144.1	30.8	0.0	120.2	0.0
Water-elm	220.8	0.0	0.0	0.0	0.0	0.0	22.2	0.0	90.9	0.0	53.4	54.3	0.0
American sycamore	12,600.8	28.7	221.4	392.2	660.2	1,338.7	690.3	1,609.3	1,451.8	849.3	1,485.1	2,613.5	1,260.1
Eastern cottonwood	3,945.5	0.0	115.0	67.5	0.0	41.2	107.5	68.5	321.9	286.6	151.4	803.4	1,982.5
Black cherry	20,949.6	1,778.8	3,169.7	2,938.0	3,498.8	2,410.7	1,740.6	1,433.6	1,436.2	1,419.4	511.2	612.8	0.0
Plums‡	345.2	176.9	168.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	281,467.9	4,722.7	14,839.7	18,021.5	25,117.7	34,679.0	37,515.0	41,772.3	33,338.4	25,799.2	17,136.9	25,100.1	3,425.3
Swamp white oak	110.5	0.0	0.0	0.0	0.0	48.5	0.0	62.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	93,727.8	635.5	2,317.9	6,527.1	9,507.0	14,758.4	14,363.2	13,234.7	10,657.2	9,206.5	4,807.4	6,222.5	1,490.3
Southern red oak	90,188.9	497.6	1,921.5	5,264.1	8,744.9	10,329.5	11,272.8	13,851.7	10,740.5	8,283.0	6,216.1	11,119.5	1,947.4
Cherrybark oak	28,169.8	39.3	68.6	671.3	1,905.9	1,808.6	1,894.8	3,393.4	2,611.8	2,491.5	2,465.6	7,949.5	2,869.3
Shingle oak	348.3	0.0	0.0	84.0	0.0	0.0	56.7	46.0	84.2	0.0	77.5	0.0	0.0
Turkey oak	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	2,028.8	0.0	112.3	51.8	76.9	121.0	85.4	109.3	129.0	334.6	86.9	761.2	160.5
Bur oak	177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.4	0.0	95.6	0.0
Blackjack oak	3,376.8	75.5	445.6	413.9	545.7	760.5	484.8	253.3	99.0	121.8	176.7	0.0	0.0
Swamp chestnut oak	4,266.8	70.1	0.0	169.8	208.1	235.3	544.9	411.2	410.8	166.9	397.2	1,112.3	540.2
Chinkapin oak	16,211.0	427.7	1,409.7	1,267.2	1,636.1	2,528.3	1,848.6	2,166.1	1,220.7	929.0	673.1	1,275.5	829.0
Water oak	7,815.2	4.4	47.2	331.4	595.5	884.2	1,053.2	1,241.2	455.9	488.2	387.2	1,535.0	791.6
Nuttall oak	644.0	0.0	0.0	0.0	0.0	39.8	88.5	117.0	56.4	84.4	47.9	210.1	0.0
Pin oak	1,989.2	0.0	0.0	34.3	0.0	0.0	0.0	154.4	264.9	285.9	177.8	544.0	528.0
Willow oak	9,376.1	78.2	0.0	133.4	656.5	635.9	445.2	557.8	597.5	1,490.3	1,145.2	1,760.3	1,875.9
Chestnut oak	168,615.3	1,472.9	5,711.0	9,121.0	16,243.2	19,734.3	22,474.3	22,328.9	20,276.0	14,213.2	11,578.2	20,099.4	5,363.1
Northern red oak	87,510.1	523.5	1,568.3	2,899.3	6,364.0	8,855.3	10,269.7	13,194.0	10,251.9	9,270.1	8,242.4	12,719.9	3,351.6
Shumard oak	1,761.9	0.0	59.3	18.6	193.9	101.6	65.2	384.1	207.3	146.4	148.4	230.3	206.9
Post oak	51,723.3	663.6	1,743.4	4,416.6	5,773.6	9,186.8	7,663.3	8,533.9	5,244.8	3,728.0	2,322.2	2,367.2	79.9
Delta post oak	129.1	6.9	65.8	0.0	0.0	56.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	98,069.5	536.4	1,372.5	3,464.2	6,809.0	10,153.4	12,480.2	16,104.4	13,674.7	12,342.0	9,672.9	10,667.2	792.6
Live oak	50.5	0.0	0.0	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	14,823.5	684.4	1,995.0	1,593.3	2,402.9	2,456.2	1,520.2	1,277.9	992.4	770.2	707.6	423.3	0.0
Black willow	5,561.9	113.6	138.3	368.0	524.5	828.1	375.4	522.9	199.5	304.7	349.9	1,367.2	469.8
Sassafras	21,400.9	2,056.5	3,925.3	3,356.1	3,232.3	3,014.5	2,279.2	1,489.1	824.0	519.7	563.2	141.0	0.0
American basswood	5,657.8	138.4	0.0	201.4	401.4	793.4	846.8	780.6	869.7	721.0	431.0	448.6	25.6
White basswood	442.7	12.8	0.0	62.5	28.2	59.6	0.0	86.3	40.3	49.5	48.8	54.7	0.0
Winged elm	15,397.5	2,163.9	3,072.6	2,857.6	2,444.2	1,807.2	1,302.8	745.1	377.5	220.1	83.5	323.0	0.0
American elm	14,776.2	1,018.4	1,630.3	1,597.6	1,559.6	2,081.4	1,624.1	1,873.4	771.0	822.5	479.0	876.6	442.3
Siberian elm	50.4	5.6	0.0	0.0	0.0	0.0	44.8	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	6,479.7	390.1	743.5	990.2	1,028.5	784.5	765.1	481.6	269.1	486.1	261.0	116.2	163.8
September elm	64.6	3.4	0.0	30.4	0.0	0.0	0.0	30.8	0.0	0.0	0.0	0.0	0.0
Rock elm	262.5	10.3	45.3	0.0	0.0	28.7	39.8	89.0	0.0	0.0	0.0	49.4	0.0
Tree sparkleberry	124.2	85.2	39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	2,073.5	349.8	274.8	472.9	290.9	294.7	149.7	128.6	112.0	0.0	0.0	0.0	0.0
All species	2,383,591.1	93,053.3	186,237.4	200,681.4	265,244.2	300,895.1	297,912.2	288,826.1	218,619.5	168,834.4	122,003.1	190,600.4	50,684.0

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 27. — *Wood and bark fresh weight of stems in live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pound												
Southern redcedar	29.6	5.4	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	31,966.0	2,735.5	8,368.3	5,670.6	5,613.4	4,267.4	2,839.2	1,400.6	499.4	446.4	29.4	95.7	0.0
Shortleaf pine	50,474.5	315.4	1,955.6	3,196.9	9,109.8	11,523.5	12,029.9	7,091.2	3,405.7	1,230.7	296.5	319.3	0.0
Table Mountain pine	1,249.5	9.3	106.4	97.5	298.6	308.4	310.1	19.8	70.1	0.0	29.3	0.0	0.0
Pitch pine	4,913.0	39.2	61.9	392.4	855.7	882.2	831.4	746.9	757.4	75.5	164.0	106.5	0.0
Eastern white pine	17,254.7	539.1	1,142.5	137.8	757.9	1,192.2	1,727.6	1,625.3	2,152.3	1,946.1	1,919.2	3,310.3	804.3
Loblolly pine	37,918.9	610.8	4,292.3	5,325.1	8,940.5	7,925.4	5,114.7	3,620.4	899.6	544.6	459.9	185.5	0.0
Virginia pine	89,027.0	1,469.8	5,422.8	10,105.5	19,390.5	18,161.6	16,995.1	11,076.4	4,402.6	1,466.7	370.3	165.7	0.0
Baldcypress	4,654.7	0.0	19.4	0.0	113.2	136.5	30.3	207.0	400.4	349.5	403.3	1,589.4	1,405.8
Eastern hemlock	12,547.0	698.4	1,264.7	857.3	894.9	1,020.2	1,518.3	1,419.7	923.1	1,301.4	864.2	1,629.2	155.7
Carolina hemlock	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	78.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	37.6	0.0	41.3	0.0
Boxelder	6,505.8	203.4	674.6	651.4	1,266.3	1,270.6	860.9	513.7	684.0	237.6	0.0	103.6	39.9
Black maple	517.3	157.6	0.0	47.4	0.0	0.0	56.9	68.9	0.0	0.0	105.0	81.5	0.0
Red maple	74,860.1	7,631.7	11,263.9	8,080.0	10,097.1	9,936.6	8,220.6	5,777.2	4,118.2	3,288.4	2,524.6	3,366.7	555.2
Silver maple	2,249.6	32.6	155.8	87.7	55.2	233.6	261.0	404.8	299.5	244.2	35.3	293.0	146.7
Sugar maple	59,858.3	3,619.3	6,569.3	4,926.9	6,143.6	7,440.2	7,310.6	7,468.3	4,812.7	3,881.6	2,526.2	3,706.4	1,453.2
Ohio buckeye	483.5	37.3	0.0	36.4	25.3	147.4	19.6	110.7	33.4	39.9	33.4	0.0	0.0
Yellow buckeye	2,995.8	19.0	140.6	144.1	368.1	147.3	569.4	401.0	149.0	183.7	263.3	497.8	112.3
Ailanthus, tree-of-heaven	3,176.8	234.3	389.4	591.5	828.7	305.6	304.1	400.6	48.9	41.5	0.0	32.2	0.0
Serviceberry	675.3	299.4	279.0	39.6	57.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	555.5	47.5	144.5	61.7	0.0	15.2	0.0	97.4	0.0	0.0	0.0	165.1	24.1
Sweet birch	4,825.9	324.5	697.2	977.6	1,252.6	663.2	419.2	152.6	35.7	71.6	95.8	82.5	53.3
River birch	3,757.0	43.4	420.4	456.2	349.2	455.2	487.8	362.5	274.3	328.0	227.1	353.0	0.0
Bumelia	12.7	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	4,065.9	1,271.0	1,186.4	526.6	805.5	250.8	25.6	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	162,430.3	5,958.8	14,427.1	10,266.0	21,137.0	27,417.0	25,434.4	21,596.5	14,097.1	8,916.2	5,632.9	6,583.4	963.8
Water hickory	287.0	0.0	0.0	0.0	0.0	55.9	89.7	77.6	0.0	63.7	0.0	0.0	0.0
Pecan	385.8	10.4	0.0	0.0	0.0	29.7	0.0	63.5	61.8	0.0	0.0	112.7	107.7
Chinkapin	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	56.3	19.5	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	73.9	0.0	0.0	0.0	29.3	0.0	0.0	0.0	0.0	20.2	0.0	24.4	0.0
Sugarberry	6,642.3	176.8	950.7	549.2	889.2	1,004.2	954.9	826.9	469.7	371.5	161.3	159.7	128.2
Hackberry	12,402.6	681.5	1,138.8	873.6	1,789.3	1,389.3	1,525.7	1,711.2	1,007.9	956.5	380.6	491.3	456.7
Eastern redbud	3,756.9	1,314.7	1,669.8	407.8	321.0	20.3	23.2	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	27,430.7	11,571.2	12,874.7	2,322.6	529.8	84.9	47.4	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	19.8	1.7	0.0	0.0	0.0	0.0	0.0	18.1	0.0	0.0	0.0	0.0	0.0
Hawthorn	327.9	138.3	177.5	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	5,430.0	736.9	1,012.9	1,184.4	975.1	612.0	492.5	61.1	178.4	0.0	176.7	0.0	0.0
American beech	44,222.1	1,023.1	1,547.7	1,443.3	2,585.9	3,397.5	3,441.4	4,523.8	3,368.9	4,737.7	3,141.2	10,585.8	4,425.8
White ash	26,767.0	1,842.0	3,142.5	2,377.9	3,308.7	3,176.5	3,253.9	3,039.3	2,236.8	1,491.9	1,303.5	1,304.8	289.2
Green ash	16,558.3	693.7	1,765.9	1,503.9	1,619.2	2,850.0	2,416.3	1,353.2	1,829.8	1,391.7	729.0	405.7	0.0
Blue ash	909.7	63.6	267.4	138.1	186.7	96.0	52.0	26.5	20.6	30.5	0.0	28.3	0.0
Waterlocust	430.0	19.1	181.3	34.8	50.4	55.2	0.0	0.0	0.0	0.0	0.0	89.1	0.0
Honeylocust	2,003.6	91.0	115.6	130.0	342.2	435.1	448.4	226.8	75.9	138.5	0.0	0.0	0.0
Kentucky coffeetree	55.6	0.9	0.0	0.0	0.0	9.8	0.0	45.0	0.0	0.0	0.0	0.0	0.0
Silverbell	118.1	3.9	0.0	0.0	0.0	23.3	0.0	0.0	33.9	31.8	0.0	25.2	0.0
American holly	821.9	287.7	246.5	61.1	54.3	69.0	38.4	0.0	29.9	35.0	0.0	0.0	0.0
Butternut	703.5	49.9	61.2	35.3	112.5	32.8	184.8	134.1	93.0	0.0	0.0	0.0	0.0
Black walnut	11,816.4	113.1	322.0	806.2	1,481.4	2,123.1	2,204.7	1,842.9	1,274.3	596.5	568.6	434.4	49.2
Sweetgum	57,428.4	1,816.4	3,685.6	3,757.5	6,651.9	8,673.5	9,374.5	7,596.9	7,294.3	2,519.6	2,309.0	3,060.5	688.8
Yellow-poplar	138,826.5	1,856.9	4,110.0	4,498.9	9,639.9	13,642.6	17,778.0	21,245.1	19,340.8	16,681.0	12,342.0	15,756.6	1,934.7
Osage-orange	2,814.3	334.2	821.6	454.5	349.1	446.1	192.0	116.3	0.0	35.9	0.0	34.2	30.4
Cucumbertree	3,634.3	37.5	256.2	240.2	608.0	828.9	513.8	325.9	363.3	198.2	219.2	43.2	0.0
Southern magnolia	72.7	0.0	0.0	54.9	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	0.0
Bigleaf magnolia	141.2	0.0	39.3	37.2	0.0	30.8	0.0	0.0	33.9	0.0	0.0	0.0	0.0

Table 27. — *Wood and bark fresh weight of stems in live trees on timberland by species and diameter class, Tennessee, 1989* — Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Sweetbay	92.1	0.0	0.0	58.9	0.0	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	27.8	14.2	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	102.1	34.6	0.0	23.4	0.0	0.0	0.0	44.1	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,433.4	114.7	268.4	168.1	252.2	289.0	190.1	60.7	67.5	22.8	0.0	0.0	0.0
Water tupelo	1,439.8	14.7	80.2	43.1	201.7	87.9	66.2	371.2	161.1	209.3	147.7	56.7	0.0
Blackgum, black tupelo	31,779.0	2,790.3	3,762.6	3,328.8	3,971.5	3,968.9	3,881.7	3,451.9	2,631.1	1,612.9	1,114.5	1,182.5	82.2
Swamp tupelo	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	7,457.0	2,304.9	2,963.6	1,061.7	733.5	106.6	177.2	40.0	0.0	0.0	69.5	0.0	0.0
Sourwood	33,159.8	5,760.9	14,673.2	6,466.9	3,282.2	1,399.2	950.3	440.7	159.4	27.1	0.0	0.0	0.0
Royal paulownia	920.7	14.6	130.9	78.8	195.4	146.4	92.8	39.3	108.9	24.6	0.0	89.1	0.0
Water-elm	177.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	74.1	0.0	42.3	42.0	0.0
American sycamore	10,606.8	24.8	192.2	243.0	514.9	1,074.8	552.7	1,320.3	1,217.3	722.6	1,282.9	2,286.4	1,174.8
Eastern cottonwood	2,980.3	0.0	100.0	41.9	0.0	34.5	91.1	57.0	263.8	229.8	119.4	610.1	1,432.8
Black cherry	15,388.4	1,421.1	2,546.1	1,778.6	2,593.0	1,881.5	1,347.8	1,074.0	1,027.0	993.8	338.3	387.2	0.0
Plums‡	276.3	141.1	135.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	201,334.1	3,977.4	12,200.2	10,921.2	18,178.1	26,629.7	28,614.7	30,698.7	23,599.7	17,620.9	11,333.7	15,682.4	1,877.5
Swamp white oak	82.0	0.0	0.0	0.0	0.0	36.8	0.0	45.2	0.0	0.0	0.0	0.0	0.0
Scarlet oak	68,680.9	558.3	1,943.7	4,179.5	7,063.6	11,339.9	10,934.0	9,835.5	7,768.9	6,559.7	3,326.4	4,229.5	941.9
Southern red oak	65,848.7	452.6	1,711.3	3,208.9	6,882.6	8,610.1	9,221.0	10,656.2	7,760.0	5,678.5	4,056.9	6,714.4	896.4
Cherrybark oak	19,094.2	35.8	61.0	421.6	1,492.1	1,501.3	1,542.3	2,602.3	1,880.8	1,710.3	1,616.6	4,771.9	1,458.1
Shingle oak	233.2	0.0	0.0	39.7	0.0	0.0	47.4	35.5	59.5	0.0	51.2	0.0	0.0
Turkey oak	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	1,341.1	0.0	91.6	31.7	55.1	93.3	64.6	80.2	86.3	228.2	57.8	462.7	89.6
Bur oak	113.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	56.4	0.0	56.9	0.0
Blackjack oak	2,785.1	63.9	367.4	298.7	456.1	658.8	416.6	212.1	79.5	95.8	136.1	0.0	0.0
Swamp chestnut oak	3,291.8	59.6	0.0	118.1	173.6	201.7	465.2	343.4	330.7	129.6	304.3	812.2	353.3
Chinkapin oak	11,545.2	361.3	1,156.8	752.1	1,179.1	1,938.4	1,411.0	1,587.6	849.0	631.5	446.1	786.0	446.0
Water oak	5,741.1	3.6	38.6	220.1	462.1	709.4	841.2	957.8	339.7	356.6	274.6	1,047.7	489.9
Nuttall oak	475.0	0.0	0.0	0.0	0.0	31.9	70.1	91.6	38.4	61.0	34.5	147.4	0.0
Pin oak	1,371.2	0.0	0.0	20.5	0.0	0.0	0.0	119.2	199.7	207.9	125.4	363.8	334.7
Willow oak	6,670.8	63.7	0.0	81.5	511.4	510.8	350.5	431.1	449.0	1,089.2	818.5	1,194.1	1,171.1
Chestnut oak	134,969.9	1,240.8	4,685.0	6,509.8	13,531.6	17,019.4	19,173.2	18,473.1	16,292.2	11,114.4	8,839.8	14,597.8	3,492.7
Northern red oak	66,945.0	480.8	1,393.5	1,952.5	4,992.2	7,110.1	8,189.3	10,331.5	7,875.4	6,993.3	6,128.8	9,195.9	2,301.7
Shumard oak	1,335.7	0.0	48.4	12.7	148.1	81.5	52.3	300.4	159.5	111.3	110.2	168.9	142.5
Post oak	36,174.6	511.0	1,328.1	2,539.0	4,024.1	6,731.5	5,612.6	6,079.2	3,674.3	2,554.3	1,539.7	1,530.7	50.3
Delta post oak	96.9	5.3	50.1	0.0	0.0	41.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	74,419.5	493.5	1,241.7	2,312.9	5,493.5	8,587.8	10,362.4	12,703.1	10,284.0	8,855.9	6,697.0	6,932.2	455.6
Live oak	40.2	0.0	0.0	0.0	0.0	40.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	11,680.9	547.2	1,603.1	1,045.3	1,824.5	1,937.2	1,227.7	1,051.1	828.2	642.9	605.5	368.2	0.0
Black willow	4,366.5	98.2	120.2	234.1	419.7	699.0	317.9	436.5	162.3	232.0	275.3	1,033.2	338.2
Sassafras	17,293.7	1,777.4	3,407.8	2,210.7	2,575.9	2,535.1	1,931.5	1,238.0	669.8	410.5	428.3	108.7	0.0
American basswood	3,789.1	121.3	0.0	60.3	134.5	269.7	675.3	617.3	681.0	546.5	327.8	336.5	18.8
White basswood	277.7	11.3	0.0	19.2	9.4	20.6	0.0	68.3	31.6	38.4	37.4	41.4	0.0
Winged elm	12,365.7	1,870.0	2,667.1	1,857.2	1,933.6	1,525.3	1,105.0	619.6	309.7	176.6	65.5	236.0	0.0
American elm	11,947.1	880.5	1,415.7	1,077.5	1,251.2	1,758.3	1,374.6	1,548.2	630.0	652.9	376.9	665.5	315.8
Siberian elm	42.9	4.8	0.0	0.0	0.0	0.0	38.1	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	5,191.1	337.0	645.4	664.2	823.0	660.6	647.2	395.8	219.8	388.6	202.9	87.1	119.4
September elm	50.8	3.0	0.0	22.4	0.0	0.0	0.0	25.5	0.0	0.0	0.0	0.0	0.0
Rock elm	218.2	8.8	39.3	0.0	0.0	24.3	33.8	74.0	0.0	0.0	0.0	38.0	0.0
Tree sparkleberry	107.4	73.5	33.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	1,646.9	302.2	238.3	298.6	233.5	248.6	127.8	106.6	91.4	0.0	0.0	0.0	0.0
All species	1,818,651.0	76,200.1	154,770.9	128,002.8	205,491.2	243,361.4	240,614.0	226,459.3	166,837.4	124,917.7	88,660.8	131,527.2	31,808.3

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 28. – *Wood and bark fresh weight of crowns in live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Southern redcedar	3.4	0.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	6,312.4	327.1	876.5	2,848.7	953.5	533.3	380.0	207.0	81.8	78.8	5.5	20.2	0.0
Shortleaf pine	7,834.0	37.7	204.2	1,322.2	1,460.5	1,386.3	1,545.8	1,009.2	536.2	211.3	54.3	66.3	0.0
Table Mountain pine	209.1	1.1	10.8	52.3	46.9	37.7	40.5	3.0	11.4	0.0	5.4	0.0	0.0
Pitch pine	861.9	4.6	6.4	204.9	136.5	107.1	107.8	107.8	121.4	12.9	30.0	22.5	0.0
Eastern white pine	6,100.9	102.1	199.6	776.1	1,034.4	767.0	717.2	493.0	535.6	424.5	373.9	561.8	115.8
Loblolly pine	8,623.9	68.8	512.1	3,097.8	1,945.2	1,267.7	792.3	577.9	149.4	95.0	82.4	35.3	0.0
Virginia pine	19,961.8	253.9	809.0	3,355.8	4,008.0	3,420.5	3,622.1	2,671.8	1,196.2	444.1	119.8	60.7	0.0
Baldcypress	759.6	0.0	1.2	0.0	11.8	11.3	2.4	19.8	43.2	43.0	53.6	262.8	310.5
Eastern hemlock	3,654.7	44.6	165.0	472.9	381.8	389.5	509.2	436.9	265.4	352.7	222.2	382.7	31.9
Carolina hemlock	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	12.2	0.0
Boxelder	2,166.4	35.5	135.0	347.3	447.6	424.2	281.4	158.7	215.1	74.0	0.0	29.9	17.7
Black maple	231.6	39.8	0.0	50.7	0.0	0.0	17.3	24.4	0.0	0.0	49.0	50.4	0.0
Red maple	24,775.8	1,342.2	2,236.3	4,572.5	3,640.3	3,476.1	2,892.6	1,963.4	1,414.2	1,134.2	830.9	1,099.6	173.4
Silver maple	727.7	6.0	30.0	55.9	18.3	76.9	91.4	131.5	99.6	77.9	10.6	89.9	39.7
Sugar maple	22,760.8	911.9	1,605.9	3,147.8	2,150.4	2,071.1	2,116.5	2,551.2	1,870.0	1,706.3	1,212.3	2,199.9	1,217.4
Ohio buckeye	93.5	5.5	0.0	13.2	5.3	24.9	4.0	18.3	6.4	8.2	7.6	0.0	0.0
Yellow buckeye	669.7	2.8	18.9	78.8	83.5	23.5	86.3	67.2	28.3	37.2	59.9	142.4	40.7
Ailanthus, tree-of-heaven	826.8	36.9	59.1	294.9	212.6	57.4	53.5	81.3	11.0	9.9	0.0	10.2	0.0
Serviceberry	134.0	47.1	42.5	29.9	14.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	234.5	12.0	35.1	51.1	0.0	9.0	0.0	42.2	0.0	0.0	0.0	74.1	11.1
Sweet birch	2,169.2	81.4	170.2	676.8	587.7	267.3	162.7	60.6	22.1	30.8	39.4	45.8	24.3
River birch	1,596.6	11.0	102.9	305.6	165.0	187.2	189.9	142.6	113.4	133.9	94.3	151.0	0.0
Bumelia	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	1,337.6	320.4	289.9	363.0	286.0	71.4	6.9	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	50,390.7	889.2	2,415.0	6,629.2	6,462.8	6,486.9	6,297.0	6,398.3	4,832.3	3,532.6	2,423.3	3,394.5	629.6
Water hickory	82.7	0.0	0.0	0.0	0.0	13.5	21.6	21.8	0.0	25.9	0.0	0.0	0.0
Pecan	175.7	1.5	0.0	0.0	0.0	7.2	0.0	17.4	21.5	0.0	0.0	56.9	71.2
Chinkapin	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	14.0	4.9	9.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	24.0	0.0	0.0	0.0	7.2	0.0	0.0	0.0	0.0	7.1	0.0	9.7	0.0
Sugarberry	2,375.7	44.9	232.1	321.8	307.7	279.2	275.6	276.6	189.5	162.2	93.3	99.1	93.8
Hackberry	4,604.4	171.8	277.6	520.4	614.8	392.9	440.3	577.4	397.3	418.2	188.1	279.3	326.5
Eastern redbud	778.9	207.1	253.5	229.6	81.1	3.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	7,915.6	2,910.9	3,150.3	1,610.6	205.2	25.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	4.0	0.3	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0
Hawthorn	89.6	35.0	43.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	2,014.0	185.5	247.5	752.1	342.1	171.2	139.5	21.0	73.3	0.0	81.9	0.0	0.0
American beech	21,617.7	257.6	378.9	854.2	900.3	942.5	1,012.6	1,553.3	1,316.8	2,151.5	1,599.2	6,741.1	3,909.7
White ash	8,372.9	463.2	768.4	1,198.6	1,128.3	976.8	982.5	901.7	652.5	434.2	383.0	394.8	88.7
Green ash	5,231.8	174.3	431.2	751.7	561.0	886.1	734.9	401.2	536.3	415.0	219.6	120.3	0.0
Blue ash	282.7	16.1	65.4	61.6	61.5	29.7	15.0	7.3	9.8	8.6	0.0	7.8	0.0
Waterlocust	165.7	4.8	43.9	31.4	18.0	18.6	0.0	0.0	0.0	0.0	0.0	48.8	0.0
Honeylocust	672.7	22.8	28.2	73.7	121.8	120.4	127.6	81.5	36.9	59.7	0.0	0.0	0.0
Kentucky coffeetree	12.9	0.1	0.0	0.0	0.0	3.2	0.0	9.6	0.0	0.0	0.0	0.0	0.0
Silverbell	35.4	0.6	0.0	0.0	0.0	4.8	0.0	0.0	7.8	8.0	0.0	14.2	0.0
American holly	172.7	45.5	37.4	36.2	15.6	13.1	9.1	0.0	6.8	9.1	0.0	0.0	0.0
Butternut	244.2	12.5	15.0	29.4	39.9	9.4	54.0	47.3	36.7	0.0	0.0	0.0	0.0
Black walnut	4,253.8	28.4	78.7	467.2	498.8	588.3	638.1	627.5	496.3	268.5	275.7	253.0	33.3
Sweetgum	12,430.3	238.7	426.0	1,893.5	1,389.9	1,244.3	1,365.7	1,409.5	1,664.0	676.6	683.5	1,118.0	320.6
Yellow-poplar	28,063.4	272.9	560.7	2,209.9	2,235.4	2,189.7	2,644.7	3,530.9	3,590.3	3,406.5	2,743.0	4,010.3	669.2
Osage-orange	979.1	83.4	200.5	289.5	122.9	124.3	57.1	39.6	0.0	15.4	0.0	19.1	27.5
Cucumbertree	724.6	5.5	34.5	112.2	135.4	134.0	77.2	53.1	73.6	39.9	48.6	10.5	0.0
Southern magnolia	30.3	0.0	0.0	20.7	0.0	0.0	0.0	0.0	0.0	0.0	9.7	0.0	0.0
Bigleaf magnolia	45.2	0.0	5.9	26.4	0.0	5.4	0.0	0.0	7.4	0.0	0.0	0.0	0.0

Table 28. – *Wood and bark fresh weight of crowns in live trees on timberland by species and diameter class, Tennessee, 1989* – Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Sweetbay	31.7	0.0	0.0	25.7	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	8.7	3.6	0.0	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	22.9	5.4	0.0	8.1	0.0	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0
Red mulberry	335.3	18.1	41.0	79.8	68.5	56.8	35.3	13.5	16.6	5.8	0.0	0.0	0.0
Water tupelo	360.0	1.5	11.4	17.8	50.6	17.8	13.4	84.9	39.9	55.2	44.5	22.9	0.0
Blackgum, black tupelo	14,480.7	2,180.7	2,107.1	2,766.4	1,804.6	1,356.3	1,120.1	1,024.2	815.4	491.0	381.2	405.3	28.3
Swamp tupelo	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	2,367.4	579.9	723.6	676.3	261.9	30.9	49.6	13.1	0.0	0.0	32.3	0.0	0.0
Sourwood	11,258.6	1,445.1	3,583.4	4,174.1	1,170.4	394.1	272.6	146.4	60.9	11.6	0.0	0.0	0.0
Royal paulownia	256.9	2.0	23.9	37.1	58.9	29.6	20.2	12.6	35.2	6.2	0.0	31.2	0.0
Water-elm	43.8	0.0	0.0	0.0	0.0	0.0	3.6	0.0	16.8	0.0	11.2	12.3	0.0
American sycamore	1,994.0	3.9	29.3	149.2	145.3	264.0	137.7	289.0	234.5	126.6	202.1	327.1	85.3
Eastern cottonwood	965.2	0.0	15.0	25.6	0.0	6.7	16.4	11.5	58.1	56.8	32.0	193.3	549.8
Black cherry	5,561.2	357.8	623.6	1,159.4	905.7	529.2	392.7	359.6	409.1	425.6	172.9	225.5	0.0
Plums‡	69.0	35.7	33.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	80,133.7	745.3	2,639.5	7,100.4	6,939.5	8,049.4	8,900.4	11,073.6	9,738.6	8,178.3	5,803.2	9,417.8	1,547.8
Swamp white oak	28.5	0.0	0.0	0.0	0.0	11.7	0.0	16.8	0.0	0.0	0.0	0.0	0.0
Scarlet oak	25,046.9	77.2	374.2	2,347.7	2,443.4	3,418.5	3,429.2	3,399.3	2,888.2	2,646.8	1,481.0	1,993.0	548.3
Southern red oak	24,340.2	45.1	210.2	2,055.2	1,862.4	1,719.5	2,051.8	3,195.6	2,980.6	2,604.5	2,159.2	4,405.2	1,051.0
Cherrybark oak	9,075.6	3.5	7.6	249.7	413.8	307.3	352.6	791.1	731.0	781.2	849.0	3,177.5	1,411.2
Shingle oak	115.1	0.0	0.0	44.3	0.0	0.0	9.3	10.5	24.7	0.0	26.3	0.0	0.0
Turkey oak	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	687.7	0.0	20.6	20.1	21.8	27.8	20.8	29.1	42.7	106.5	29.1	298.4	70.9
Bur oak	63.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	38.7	0.0
Blackjack oak	591.7	11.6	78.2	115.2	89.6	101.7	68.2	41.2	19.5	26.0	40.6	0.0	0.0
Swamp chestnut oak	975.0	10.4	0.0	51.7	34.5	33.5	79.8	67.8	80.1	37.3	92.9	300.1	186.9
Chinkapin oak	4,665.9	66.3	252.9	515.1	457.0	589.9	437.6	578.5	371.7	297.5	227.0	489.5	383.0
Water oak	2,074.0	0.8	8.6	111.3	133.5	174.8	212.0	283.5	116.2	131.7	112.6	487.3	301.7
Nuttall oak	169.0	0.0	0.0	0.0	0.0	7.8	18.4	25.4	17.9	23.4	13.4	62.7	0.0
Pin oak	617.9	0.0	0.0	13.7	0.0	0.0	0.0	35.2	65.2	77.9	52.3	180.2	193.3
Willow oak	2,705.3	14.5	0.0	51.9	145.1	125.1	94.7	126.7	148.5	401.1	326.7	566.2	704.8
Chestnut oak	33,645.4	232.1	1,026.0	2,611.3	2,711.6	2,714.9	3,301.2	3,855.7	3,983.7	3,098.8	2,738.3	5,501.6	1,870.3
Northern red oak	20,565.1	42.8	174.7	946.8	1,371.8	1,745.2	2,080.3	2,862.5	2,376.6	2,276.8	2,113.6	3,524.0	1,049.9
Shumard oak	426.3	0.0	10.9	5.8	45.8	20.1	12.9	83.7	47.8	35.1	38.2	61.4	64.4
Post oak	15,548.7	152.6	415.3	1,877.7	1,749.5	2,455.3	2,050.7	2,454.7	1,570.6	1,173.7	782.5	836.5	29.7
Delta post oak	32.2	1.6	15.7	0.0	0.0	14.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	23,650.0	42.9	130.8	1,151.3	1,315.6	1,565.6	2,117.8	3,401.3	3,390.7	3,486.2	2,975.9	3,735.0	337.0
Live oak	10.3	0.0	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	3,142.6	137.1	391.9	548.1	578.4	519.0	292.5	226.9	164.2	127.3	102.1	55.1	0.0
Black willow	1,195.4	15.4	18.2	133.9	104.8	129.0	57.5	86.4	37.2	72.7	74.6	334.0	131.6
Sassafras	4,107.1	279.1	517.4	1,145.4	656.4	479.3	347.7	251.1	154.2	109.1	134.9	32.3	0.0
American basswood	1,868.7	17.1	0.0	141.1	266.9	523.6	171.5	163.3	188.7	174.4	103.1	112.1	6.8
White basswood	165.0	1.5	0.0	43.3	18.8	39.1	0.0	18.0	8.7	11.0	11.3	13.3	0.0
Winged elm	3,031.8	293.9	405.5	1,000.3	510.6	281.9	197.8	125.5	67.8	43.5	18.0	86.9	0.0
American elm	2,829.1	137.9	214.6	520.0	308.4	323.0	249.5	325.2	141.0	169.7	102.1	211.1	126.5
Siberian elm	7.5	0.8	0.0	0.0	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	1,288.6	53.0	98.1	326.0	205.5	123.9	117.9	85.8	49.3	97.4	58.1	29.1	44.4
September elm	13.7	0.5	0.0	8.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0
Rock elm	44.4	1.4	6.0	0.0	0.0	4.5	6.1	15.0	0.0	0.0	0.0	11.4	0.0
Tree sparkleberry	16.9	11.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	426.5	47.7	36.5	174.3	57.4	46.2	21.9	22.0	20.7	0.0	0.0	0.0	0.0
All species	564,940.1	16,853.2	31,466.5	72,678.7	59,753.0	57,533.8	57,298.1	62,366.8	51,782.1	43,916.7	33,342.3	59,073.2	18,875.7

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 29. – *Wood and bark dry weight of live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Southern redcedar	17.4	3.4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	19,155.2	1,646.6	4,729.1	4,255.5	3,218.4	2,335.0	1,569.1	785.0	284.4	257.7	17.2	57.2	0.0
Shortleaf pine	28,303.4	189.7	1,103.7	2,231.5	5,124.0	6,217.5	6,550.8	3,917.7	1,911.1	699.4	170.8	187.3	0.0
Table Mountain pine	713.1	5.4	59.3	74.4	168.5	167.5	170.0	11.1	39.7	0.0	17.0	0.0	0.0
Pitch pine	2,813.0	23.3	34.8	297.0	482.6	478.2	454.6	414.4	427.5	43.2	94.3	63.2	0.0
Eastern white pine	10,260.3	259.8	534.1	359.9	702.3	785.1	1,017.8	913.2	1,191.7	1,076.1	1,067.4	1,875.7	477.2
Loblolly pine	23,325.0	355.4	2,458.1	4,270.0	5,460.6	4,579.5	2,927.1	2,072.0	515.9	313.4	265.1	107.8	0.0
Virginia pine	53,417.8	897.5	3,078.8	6,452.2	10,964.8	10,279.6	10,233.7	7,076.1	2,979.1	1,048.7	275.1	132.2	0.0
Baldcypress	3,029.1	0.0	11.5	0.0	69.9	82.7	18.3	126.9	248.1	219.6	255.6	1,036.3	960.2
Eastern hemlock	7,720.8	396.1	724.4	652.3	614.6	671.5	957.3	870.9	554.7	768.4	502.0	923.2	85.3
Carolina hemlock	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	58.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	31.0	0.0
Boxelder	4,848.1	135.6	458.8	545.9	944.8	940.7	639.0	379.4	512.9	178.9	0.0	77.8	34.2
Black maple	431.9	111.2	0.0	56.9	0.0	0.0	43.9	54.9	0.0	0.0	89.4	75.7	0.0
Red maple	56,016.5	5,092.2	7,651.2	6,922.3	7,584.1	7,464.2	6,232.3	4,381.4	3,156.7	2,543.1	1,942.5	2,612.3	434.2
Silver maple	1,695.5	21.9	105.4	78.6	40.5	172.3	197.9	303.9	227.8	185.9	26.5	224.3	110.5
Sugar maple	48,373.5	2,555.5	4,717.7	4,711.8	4,889.5	5,653.6	5,603.3	5,919.7	3,930.1	3,269.5	2,179.7	3,415.2	1,527.7
Ohio buckeye	280.5	19.6	0.0	24.0	14.8	83.5	11.4	63.1	19.7	23.9	20.5	0.0	0.0
Yellow buckeye	1,805.0	9.9	75.3	107.7	218.6	82.8	319.3	229.8	87.6	109.8	161.7	323.9	78.5
Ailanthus, tree-of-heaven	2,103.2	149.6	240.9	469.0	545.7	189.0	185.1	246.4	30.4	26.0	0.0	21.1	0.0
Serviceberry	438.9	191.0	173.0	37.1	37.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	463.7	33.5	104.2	67.2	0.0	14.3	0.0	82.6	0.0	0.0	0.0	141.0	20.7
Sweet birch	4,127.8	229.6	501.1	984.6	1,093.2	551.9	344.7	126.2	34.3	60.6	79.8	75.9	45.7
River birch	3,161.4	30.5	301.8	453.3	305.4	381.1	401.6	298.9	229.3	272.8	189.7	297.2	0.0
Bumelia	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	3,117.1	897.2	852.3	516.7	641.0	190.7	19.3	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	134,498.3	4,177.8	10,469.3	10,644.5	17,533.0	21,679.0	20,277.3	17,769.9	11,945.1	7,816.0	5,032.2	6,181.8	972.6
Water hickory	234.5	0.0	0.0	0.0	0.0	44.4	71.0	62.9	0.0	56.2	0.0	0.0	0.0
Pecan	349.1	7.2	0.0	0.0	0.0	23.5	0.0	51.5	52.5	0.0	0.0	105.2	109.2
Chinkapin	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	40.0	13.7	26.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	50.2	0.0	0.0	0.0	19.2	0.0	0.0	0.0	0.0	13.9	0.0	17.1	0.0
Sugarberry	5,281.5	124.4	683.3	507.2	703.8	761.0	729.6	650.5	386.4	311.6	148.2	149.2	126.4
Hackberry	9,947.2	481.0	819.2	811.7	1,413.8	1,057.0	1,167.6	1,349.3	824.1	802.0	330.9	444.5	446.1
Eastern redbud	2,450.6	840.1	1,033.2	338.7	211.8	12.5	14.2	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	20,231.0	8,177.6	9,241.2	2,281.1	430.0	64.8	36.3	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	12.4	1.1	0.0	0.0	0.0	0.0	0.0	11.3	0.0	0.0	0.0	0.0	0.0
Hawthorn	238.3	97.5	127.4	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	4,341.7	520.5	727.7	1,129.3	776.0	465.1	375.5	48.6	148.1	0.0	151.0	0.0	0.0
American beech	38,373.7	722.7	1,110.5	1,340.6	2,054.0	2,578.3	2,645.0	3,589.3	2,752.9	4,029.2	2,760.9	10,026.8	4,763.4
White ash	24,972.6	1,302.0	2,256.5	2,634.2	3,289.9	3,093.2	3,158.2	2,925.8	2,135.2	1,418.8	1,239.4	1,245.8	273.6
Green ash	15,641.2	490.5	1,269.0	1,662.7	1,617.4	2,784.9	2,349.9	1,301.5	1,749.5	1,333.1	698.1	384.7	0.0
Blue ash	814.6	44.8	192.0	147.0	183.7	93.7	49.8	24.9	23.5	28.8	0.0	26.3	0.0
Waterlocust	347.0	13.5	130.9	38.7	40.3	43.8	0.0	0.0	0.0	0.0	0.0	79.8	0.0
Honeylocust	1,574.3	64.4	83.1	118.7	272.5	329.8	342.2	181.2	66.5	115.8	0.0	0.0	0.0
Kentucky coffeetree	35.2	0.6	0.0	0.0	0.0	6.8	0.0	27.8	0.0	0.0	0.0	0.0	0.0
Silverbell	77.9	2.5	0.0	0.0	0.0	14.6	0.0	0.0	21.0	20.0	0.0	19.7	0.0
American holly	534.2	184.3	152.5	51.9	37.0	42.9	24.6	0.0	18.7	22.3	0.0	0.0	0.0
Butternut	556.8	35.3	43.9	37.6	90.0	25.1	141.9	107.1	75.9	0.0	0.0	0.0	0.0
Black walnut	9,465.5	80.0	231.3	742.7	1,168.4	1,612.0	1,688.9	1,459.7	1,040.5	506.2	491.6	397.0	47.1
Sweetgum	33,497.4	974.5	1,955.1	2,696.3	3,850.9	4,762.0	5,163.5	4,328.2	4,304.5	1,535.7	1,437.0	‘2,005.8	484.0
Yellow-poplar	82,185.1	976.8	2,195.1	3,243.1	5,749.4	7,673.4	9,946.9	12,169.3	11,344.3	10,001.3	7,553.0	9,991.3	1,341.0
Osage-orange	2,205.8	237.2	590.7	432.3	276.7	337.4	147.0	91.5	0.0	29.8	0.0	30.6	32.6
Cucumbertree	2,123.1	19.7	137.1	170.4	359.9	466.6	288.1	186.0	215.7	118.4	134.1	27.0	0.0
Southern magnolia	53.8	0.0	0.0	39.8	0.0	0.0	0.0	0.0	0.0	0.0	14.0	0.0	0.0
Bigleaf magnolia	97.8	0.0	24.2	33.7	0.0	18.8	0.0	0.0	21.0	0.0	0.0	0.0	0.0

Table 29.—*Wood and bark dry weight of live trees on timberland by species and diameter class, Tennessee, 1989*—Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Sweetbay	65.1	0.0	0.0	44.8	0.0	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	21.0	10.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	66.0	22.1	0.0	16.7	0.0	0.0	0.0	27.2	0.0	0.0	0.0	0.0	0.0
Red mulberry	933.7	73.3	167.0	131.3	169.1	180.6	116.8	38.2	42.9	14.5	0.0	0.0	0.0
Water tupelo	925.9	9.1	48.7	32.0	131.0	54.4	40.8	232.5	102.8	135.4	98.6	40.8	0.0
Blackgum, black tupelo	23,922.4	2,383.6	2,914.8	3,076.8	2,966.9	2,767.9	2,636.8	2,390.0	1,861.3	1,150.3	822.9	887.7	63.2
Swamp tupelo	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	5,663.5	1,628.8	2,129.8	1,012.7	585.7	81.3	134.5	31.3	0.0	0.0	59.5	0.0	0.0
Sourwood	25,713.9	4,077.8	10,543.4	6,192.7	2,614.9	1,062.2	725.5	346.0	129.0	22.5	0.0	0.0	0.0
Royal paulownia	651.8	9.3	85.3	65.3	142.0	92.0	62.8	30.7	85.2	15.7	0.0	63.4	0.0
Water-elm	112.2	0.0	0.0	0.0	0.0	0.0	11.6	0.0	46.4	0.0	27.0	27.3	0.0
American sycamore	5,731.3	15.8	119.3	178.3	299.5	606.6	312.7	728.8	657.4	384.8	672.6	1,184.1	571.4
Eastern cottonwood	1,952.7	0.0	61.3	35.8	0.0	21.5	55.3	34.8	162.8	144.1	75.7	397.0	964.3
Black cherry	12,243.2	1,003.8	1,826.4	1,713.4	2,062.1	1,430.8	1,033.6	847.6	843.5	830.5	297.7	353.7	0.0
Plums‡	196.1	99.4	96.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	167,779.8	2,847.4	8,932.2	10,771.2	15,058.4	20,842.9	22,503.8	24,935.4	19,812.8	15,271.0	10,107.5	14,717.0	1,980.3
Swamp white oak	66.1	0.0	0.0	0.0	0.0	29.1	0.0	37.0	0.0	0.0	0.0	0.0	0.0
Scarlet oak	53,700.3	366.4	1,340.2	3,773.4	5,510.0	8,571.3	8,308.5	7,588.2	6,063.2	5,202.1	2,701.1	3,461.7	814.3
Southern red oak	40,540.6	300.5	1,158.0	1,549.8	3,270.8	4,538.2	5,340.4	6,567.2	5,052.2	3,879.2	2,897.6	5,145.5	841.2
Cherrybark oak	13,151.7	23.8	41.3	207.3	717.2	802.3	914.0	1,649.3	1,257.1	1,219.9	1,168.5	3,808.8	1,342.3
Shingle oak	143.0	0.0	0.0	23.9	0.0	0.0	25.0	19.7	39.7	0.0	34.7	0.0	0.0
Turkey oak	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	1,197.4	0.0	67.5	31.0	46.0	72.7	51.1	65.2	76.7	197.9	51.2	445.3	92.8
Bur oak	103.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.3	0.0	55.7	0.0
Blackjack oak	2,055.1	45.5	268.3	255.6	334.3	464.0	294.1	153.5	59.8	73.5	106.6	0.0	0.0
Swamp chestnut oak	2,567.6	42.3	0.0	104.6	127.3	143.0	329.7	248.4	247.3	100.1	238.3	665.2	321.3
Chinkapin oak	9,661.2	257.9	848.4	756.9	980.4	1,518.8	1,109.0	1,292.3	725.2	549.4	396.9	746.3	479.8
Water oak	4,370.4	2.4	26.6	190.2	346.0	516.6	613.2	708.1	255.7	271.1	212.8	823.8	403.9
Nuttall oak	360.6	0.0	0.0	0.0	0.0	23.2	51.2	67.1	31.9	46.6	26.3	114.4	0.0
Pin oak	1,076.0	0.0	0.0	19.6	0.0	0.0	0.0	88.1	149.2	158.3	97.9	289.3	273.5
Willow oak	5,158.8	43.1	0.0	76.5	380.8	371.9	258.9	318.6	336.2	827.5	629.3	945.7	970.3
Chestnut oak	101,879.6	888.0	3,436.9	5,613.6	9,923.4	11,982.0	13,593.2	13,475.6	12,211.3	8,548.4	6,953.2	12,048.0	3,205.9
Northern red oak	49,512.9	308.9	910.4	1,666.9	3,624.8	5,012.4	5,797.5	7,446.5	5,786.5	5,233.2	4,652.0	7,181.3	1,892.4
Shumard oak	998.1	0.0	35.7	10.7	110.3	57.6	36.8	216.8	116.9	82.5	83.7	130.1	117.0
Post oak	31,734.3	417.6	1,084.2	2,733.1	3,549.9	5,615.6	4,678.8	5,220.0	3,213.2	2,286.4	1,427.1	1,458.9	49.5
Delta post oak	79.8	4.3	40.9	0.0	0.0	34.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	55,624.4	312.2	798.0	2,013.3	3,955.1	5,895.4	7,197.5	9,180.9	7,720.3	6,903.2	5,370.2	5,852.6	425.9
Live oak	29.0	0.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	9,653.8	387.6	1,151.3	1,071.8	1,618.7	1,656.6	1,020.9	851.2	655.5	505.7	461.4	273.0	0.0
Black willow	2,835.5	62.6	74.1	194.8	274.9	429.8	193.5	267.7	101.3	153.9	175.8	677.2	229.9
Sassafras	11,252.0	1,132.7	2,108.5	1,776.2	1,694.0	1,568.3	1,175.8	762.4	418.4	262.7	282.6	70.4	0.0
American basswood	2,688.8	69.5	0.0	94.6	184.5	355.2	386.1	365.9	418.0	354.0	215.0	231.7	14.3
White basswood	212.9	6.5	0.0	29.1	13.0	27.2	0.0	40.6	19.4	24.1	24.4	28.5	0.0
Winged elm	8,147.2	1,192.5	1,652.1	1,517.6	1,283.8	940.6	672.9	381.2	192.0	111.3	41.8	161.2	0.0
American elm	7,679.9	560.0	874.7	847.0	818.4	1,083.7	838.6	958.9	391.7	414.8	240.6	435.3	216.4
Siberian elm	26.3	3.1	0.0	0.0	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	3,379.2	215.2	399.6	524.5	539.8	408.7	395.0	246.0	136.9	245.3	130.8	57.4	79.9
September elm	33.7	1.9	0.0	16.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0	0.0
Rock elm	135.9	5.8	24.5	0.0	0.0	14.9	20.5	45.5	0.0	0.0	0.0	24.7	0.0
Tree sparkleberry	68.4	47.3	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	1,098.9	193.3	148.4	250.7	152.7	153.5	77.3	65.9	57.0	0.0	0.0	0.0	0.0
All species	1,333,132.1	51,938.5	104,864.7	111,302.8	146,695.4	168,788.1	167,550.9	162,596.2	122,983.0	94,952.2	68,126.3	105,613.8	27,720.2

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 30. – *Wood and bark dry weight of stems in live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Southern redcedar	16.4	3.2	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	16,485.4	1,547.8	4,445.3	2,979.9	2,800.9	2,097.1	1,395.7	689.4	246.3	220.9	14.6	47.6	0.0
Shortleaf pine	24,833.3	178.3	1,037.5	1,648.7	4,491.3	5,603.4	5,851.4	3,455.6	1,663.7	601.5	145.5	156.4	0.0
Table Mountain pine	621.0	5.1	55.8	51.0	148.0	150.8	151.6	9.7	34.4	0.0	14.5	0.0	0.0
Pitch pine	2,426.1	21.9	32.7	205.6	423.2	430.7	405.7	364.9	371.3	37.1	80.3	52.6	0.0
Eastern white pine	8,791.4	244.3	502.1	246.5	545.6	637.3	847.6	774.6	1,023.9	933.5	934.7	1,667.2	434.2
Loblolly pine	19,341.4	334.1	2,310.6	2,817.4	4,550.9	3,973.8	2,542.1	1,788.7	442.4	266.6	224.5	90.3	0.0
Virginia pine	44,952.6	843.6	2,894.1	5,046.0	9,335.4	8,853.1	8,623.3	5,826.8	2,395.1	823.3	212.7	99.1	0.0
Baldcypress	2,604.2	0.0	10.8	0.0	63.3	76.3	16.9	115.8	224.0	195.6	225.6	889.2	786.5
Eastern hemlock	5,851.8	379.8	680.9	400.2	411.0	464.7	688.4	641.5	416.0	585.1	387.3	727.7	69.2
Carolina hemlock	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	45.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.6	0.0	23.9	0.0
Boxelder	3,699.6	124.7	422.1	355.6	699.6	709.6	484.8	291.1	391.6	136.8	0.0	60.3	23.5
Black maple	308.0	102.3	0.0	27.4	0.0	0.0	33.3	40.0	0.0	0.0	59.7	45.4	0.0
Red maple	43,257.5	4,684.7	7,039.1	4,418.5	5,591.2	5,571.6	4,647.1	3,290.0	2,360.0	1,896.2	1,463.3	1,966.9	328.8
Silver maple	1,295.8	20.2	96.9	48.0	30.5	130.4	147.9	230.6	171.9	141.3	20.4	171.4	86.4
Sugar maple	35,546.5	2,351.0	4,340.3	2,861.9	3,601.8	4,395.3	4,308.0	4,355.8	2,784.0	2,226.6	1,439.9	2,082.7	799.1
Ohio buckeye	238.2	18.0	0.0	17.7	12.3	72.1	9.6	54.7	16.7	20.1	16.9	0.0	0.0
Yellow buckeye	1,492.1	9.1	69.3	69.8	179.8	72.2	280.4	199.0	74.4	92.3	133.1	254.5	58.2
Ailanthus, tree-of-heaven	1,692.8	137.6	221.6	314.4	435.3	159.5	157.8	205.0	24.8	21.0	0.0	16.0	0.0
Serviceberry	386.4	175.7	159.2	21.3	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	339.7	30.8	95.9	36.7	0.0	9.0	0.0	57.4	0.0	0.0	0.0	95.9	13.9
Sweet birch	2,926.3	211.3	461.0	581.1	743.0	393.5	248.4	89.9	21.0	42.0	56.1	48.0	30.8
River birch	2,249.1	28.1	277.6	271.1	207.2	270.1	289.0	213.9	161.4	192.3	132.8	205.6	0.0
Bumelia	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	2,547.5	825.4	784.1	304.6	470.7	147.6	15.1	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	103,597.9	3,843.6	9,631.8	6,475.5	13,469.8	17,592.0	16,288.7	13,709.0	8,879.2	5,578.2	3,500.8	4,048.0	581.3
Water hickory	182.2	0.0	0.0	0.0	0.0	35.9	57.4	49.2	0.0	39.8	0.0	0.0	0.0
Pecan	239.2	6.6	0.0	0.0	0.0	18.9	0.0	40.4	38.8	0.0	0.0	69.3	65.0
Chinkapin	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	36.8	12.6	24.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	37.9	0.0	0.0	0.0	15.5	0.0	0.0	0.0	0.0	10.2	0.0	12.2	0.0
Sugarberry	3,952.1	114.4	628.6	318.5	520.2	592.0	561.6	481.6	271.0	212.8	91.6	89.5	70.5
Hackberry	7,336.3	442.6	753.7	506.5	1,046.9	819.1	898.5	996.6	581.6	547.3	216.6	275.8	251.2
Eastern redbud	2,133.6	772.9	950.6	217.8	169.4	10.7	12.1	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	17,753.4	7,523.3	8,501.9	1,341.9	308.5	49.8	28.0	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	10.4	1.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0
Hawthorn	213.9	89.7	117.2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	3,298.6	478.9	669.5	687.7	571.3	361.2	290.2	35.7	103.2	0.0	101.0	0.0	0.0
American beech	25,534.5	664.9	1,021.7	838.3	1,515.3	2,006.1	2,025.7	2,637.8	1,947.2	2,715.3	1,787.2	5,945.4	2,429.6
White ash	17,796.6	1,197.8	2,075.9	1,583.3	2,212.1	2,129.6	2,180.7	2,028.2	1,488.1	989.9	862.0	860.1	188.8
Green ash	11,029.7	451.3	1,167.5	1,001.9	1,082.8	1,911.6	1,619.8	903.1	1,218.3	923.8	482.3	267.3	0.0
Blue ash	603.9	41.2	176.6	91.9	124.7	64.4	34.8	17.6	13.7	20.2	0.0	18.6	0.0
Waterlocust	265.3	12.4	120.4	20.2	29.5	32.5	0.0	0.0	0.0	0.0	0.0	50.2	0.0
Honeylocust	1,186.9	59.3	76.5	75.4	200.0	256.8	264.1	131.6	44.0	79.4	0.0	0.0	0.0
Kentucky coffeetree	28.6	0.5	0.0	0.0	0.0	5.1	0.0	22.9	0.0	0.0	0.0	0.0	0.0
Silverbell	60.0	2.3	0.0	0.0	0.0	12.1	0.0	0.0	17.1	15.9	0.0	12.6	0.0
American holly	460.4	169.6	140.3	32.8	28.8	36.2	19.9	0.0	15.2	17.6	0.0	0.0	0.0
Butternut	419.2	32.5	40.4	20.4	66.0	19.4	108.7	78.2	53.6	0.0	0.0	0.0	0.0
Black walnut	6,926.0	73.6	212.8	468.1	869.3	1,254.4	1,298.9	1,075.2	736.7	342.2	323.5	244.0	27.2
Sweetgum	27,491.5	896.5	1,798.6	1,787.8	3,177.1	4,163.8	4,502.8	3,633.9	3,476.8	1,197.2	1,093.7	1,441.6	321.7
Yellow-poplar	69,186.8	898.7	2,019.5	2,181.9	4,709.6	6,685.5	8,760.0	10,555.0	9,676.2	8,397.8	6,247.3	8,049.0	1,006.3
Osage-orange	1,726.8	218.3	543.4	263.1	203.7	262.4	112.4	67.5	0.0	20.5	0.0	19.1	16.4
Cucumbertree	1,793.4	18.1	126.2	116.5	297.1	406.2	253.4	161.8	181.5	99.7	110.9	22.0	0.0
Southern magnolia	38.1	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0
Bigleaf magnolia	75.4	0.0	22.3	19.9	0.0	16.1	0.0	0.0	17.2	0.0	0.0	0.0	0.0

Table 30. – *Wood and bark dry weight of stems in live trees on timberland by species and diameter class, Tennessee, 1989* – Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Sweetbay	48.6	0.0	0.0	31.3	0.0	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	17.1	9.2	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	55.3	20.3	0.0	12.4	0.0	0.0	0.0	22.5	0.0	0.0	0.0	0.0	0.0
Red mulberry	770.9	67.4	153.7	89.4	133.2	151.3	98.7	31.3	34.4	11.6	0.0	0.0	0.0
Water tupelo	745.3	8.3	44.8	23.0	105.4	45.4	34.0	189.5	82.5	107.3	75.9	29.2	0.0
Blackgum, black tupelo	18,260.9	2,193.0	2,681.6	1,694.7	2,051.6	2,073.9	2,057.7	1,854.9	1,431.3	888.8	618.6	667.4	47.5
Swamp tupelo	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	4,733.2	1,498.5	1,959.4	616.0	429.3	62.7	104.3	23.3	0.0	0.0	39.7	0.0	0.0
Sourwood	20,864.4	3,751.5	9,699.9	3,747.9	1,917.9	824.0	559.1	256.7	91.9	15.5	0.0	0.0	0.0
Royal paulownia	514.0	8.6	78.5	44.5	108.7	76.6	51.3	23.0	63.9	12.5	0.0	46.4	0.0
Water-elm	89.8	0.0	0.0	0.0	0.0	0.0	9.7	0.0	37.8	0.0	21.3	21.0	0.0
American sycamore	4,773.5	14.6	109.7	109.7	230.8	480.3	246.6	589.2	543.8	323.2	574.0	1,023.6	527.8
Eastern cottonwood	1,473.6	0.0	56.4	22.4	0.0	18.0	47.0	29.0	133.4	115.4	59.6	300.2	692.2
Black cherry	9,260.5	923.5	1,680.3	1,032.6	1,519.9	1,110.0	793.6	627.1	593.3	570.4	192.4	217.4	0.0
Plums‡	180.4	91.4	89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	120,129.4	2,619.6	8,217.6	6,526.5	10,869.9	15,950.8	17,064.7	18,154.0	13,849.2	10,269.2	6,564.6	8,991.9	1,051.4
Swamp white oak	48.7	0.0	0.0	0.0	0.0	22.0	0.0	26.7	0.0	0.0	0.0	0.0	0.0
Scarlet oak	38,644.0	337.1	1,233.0	2,373.4	4,031.5	6,480.1	6,205.4	5,510.9	4,305.7	3,598.7	1,808.5	2,268.5	491.1
Southern red oak	29,189.5	276.4	1,065.3	944.1	2,556.0	3,753.1	4,317.9	4,961.3	3,562.9	2,581.5	1,827.4	2,980.5	363.0
Cherrybark oak	8,653.8	21.9	38.0	129.6	558.1	660.6	734.7	1,241.2	883.4	812.9	740.6	2,190.1	642.8
Shingle oak	96.2	0.0	0.0	11.2	0.0	0.0	20.7	14.9	27.3	0.0	22.2	0.0	0.0
Turkey oak	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	786.9	0.0	62.1	18.9	32.9	55.9	38.5	47.4	50.6	132.8	33.5	264.2	50.2
Bur oak	65.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	0.0	32.3	0.0
Blackjack oak	1,723.2	41.9	246.8	184.7	279.8	402.6	252.8	128.2	47.7	57.4	81.3	0.0	0.0
Swamp chestnut oak	1,969.5	38.9	0.0	72.8	106.4	122.8	281.4	207.0	198.0	77.1	180.8	479.1	205.3
Chinkapin oak	6,936.7	237.3	780.5	449.4	704.9	1,160.6	842.0	938.4	497.9	367.8	258.5	449.5	250.0
Water oak	3,141.9	2.2	24.5	124.8	266.0	411.0	484.2	535.8	185.4	191.8	145.5	537.0	233.8
Nuttall oak	259.1	0.0	0.0	0.0	0.0	18.5	40.0	51.7	21.0	32.5	18.3	77.1	0.0
Pin oak	712.9	0.0	0.0	11.6	0.0	0.0	0.0	66.7	109.7	111.5	66.6	183.9	162.9
Willow oak	3,565.6	39.6	0.0	46.1	293.9	296.2	201.4	241.6	246.3	586.0	433.7	612.2	568.5
Chestnut oak	81,644.9	817.0	3,162.0	4,012.2	8,278.3	10,348.8	11,595.1	11,115.0	9,757.0	6,631.7	5,255.5	8,629.7	2,042.7
Northern red oak	37,263.0	284.2	837.6	1,102.1	2,805.5	3,971.2	4,556.1	5,737.6	4,367.1	3,873.0	3,389.0	5,074.8	1,264.8
Shumard oak	747.1	0.0	32.8	7.2	82.9	45.6	29.1	166.8	88.4	61.6	60.9	93.4	78.4
Post oak	22,334.5	384.2	997.5	1,609.0	2,471.8	4,094.5	3,405.6	3,690.2	2,231.7	1,551.5	935.9	931.9	30.7
Delta post oak	66.9	4.0	37.6	0.0	0.0	25.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	41,596.5	287.2	734.1	1,333.5	3,179.4	4,972.9	5,937.1	7,142.8	5,690.5	4,824.6	3,604.1	3,658.4	231.9
Live oak	23.0	0.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	7,771.1	356.6	1,059.2	711.0	1,234.6	1,308.8	823.3	696.6	542.0	416.8	389.1	233.0	0.0
Black willow	2,233.8	57.6	68.2	124.6	220.5	363.8	164.2	223.6	82.4	117.0	138.0	509.6	164.4
Sassafras	9,281.1	1,042.1	1,939.9	1,175.4	1,353.1	1,322.3	998.6	634.4	339.9	207.2	214.3	54.1	0.0
American basswood	2,119.1	63.9	0.0	65.7	143.7	283.7	310.7	292.7	331.7	272.7	166.4	177.2	10.7
White basswood	166.6	6.0	0.0	20.8	10.1	21.8	0.0	32.4	15.4	19.0	19.1	22.0	0.0
Winged elm	6,707.7	1,097.1	1,519.9	990.9	1,017.9	795.8	571.9	317.3	157.5	89.2	32.7	117.3	0.0
American elm	6,293.3	515.2	804.7	573.6	658.0	917.8	711.2	792.9	319.9	328.7	188.8	329.0	153.4
Siberian elm	22.6	2.9	0.0	0.0	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	2,743.7	198.0	367.7	353.2	432.9	345.0	334.8	202.3	111.7	195.8	101.5	42.8	57.9
September elm	26.7	1.8	0.0	11.8	0.0	0.0	0.0	13.1	0.0	0.0	0.0	0.0	0.0
Rock elm	114.7	5.3	22.5	0.0	0.0	12.7	17.4	37.8	0.0	0.0	0.0	18.9	0.0
Tree sparkleberry	63.0	43.5	19.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	893.5	177.8	136.5	159.1	122.9	129.8	66.2	54.7	46.4	0.0	0.0	0.0	0.0
All species	1,025,208.2	47,866.5	96,730.5	71,375.8	113,604.6	136,136.9	134,488.7	126,251.9	92,661.8	69,146.8	48,646.2	71,388.8	16,909.7

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 31. — *Wood and bark dry weight of crowns in live trees on timberland by species and diameter class, Tennessee, 1989**

Species common name†	All classes	Diameter class (*Inches at breast height*)											
		1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Southern redcedar	1.0	0.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	2,669.7	98.8	283.7	1,275.6	417.5	237.9	173.4	95.6	38.1	36.9	2.6	9.6	0.0
Shortleaf pine	3,470.1	11.4	66.2	582.8	632.7	614.1	699.3	462.1	247.4	97.9	25.3	30.9	0.0
Table Mountain pine	92.1	0.3	3.6	23.3	20.5	16.7	18.4	1.4	5.3	0.0	2.6	0.0	0.0
Pitch pine	387.0	1.4	2.1	91.4	59.4	47.5	48.9	49.5	56.2	6.0	14.0	10.6	0.0
Eastern white pine	1,468.9	15.6	32.1	113.4	156.7	147.8	170.2	138.6	167.8	142.7	132.7	208.5	43.0
Loblolly pine	3,983.6	21.3	147.5	1,452.6	909.7	605.6	385.0	283.3	73.5	46.9	40.7	17.5	0.0
Virginia pine	8,465.2	53.9	184.7	1,406.1	1,629.4	1,426.6	1,610.4	1,249.3	583.9	225.4	62.4	33.1	0.0
Baldcypress	425.0	0.0	0.7	0.0	6.6	6.3	1.4	11.1	24.1	24.1	30.0	147.0	173.7
Eastern hemlock	1,869.0	16.3	43.5	252.2	203.6	206.8	268.9	229.5	138.7	183.3	114.6	195.5	16.1
Carolina hemlock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	7.1	0.0
Boxelder	1,148.5	10.8	36.7	190.3	245.2	231.1	154.2	88.3	121.4	42.1	0.0	17.6	10.7
Black maple	123.9	8.9	0.0	29.5	0.0	0.0	10.5	14.9	0.0	0.0	29.7	30.3	0.0
Red maple	12,759.0	407.4	612.1	2,503.8	1,992.9	1,892.6	1,585.2	1,091.3	796.7	646.9	479.2	645.4	105.4
Silver maple	399.7	1.8	8.4	30.6	10.0	41.9	50.0	73.2	55.9	44.6	6.1	52.9	24.1
Sugar maple	12,826.9	204.4	377.4	1,849.9	1,287.7	1,258.3	1,295.3	1,563.9	1,146.2	1,042.9	739.8	1,332.5	728.6
Ohio buckeye	42.3	1.6	0.0	6.3	2.5	11.4	1.8	8.3	3.0	3.8	3.6	0.0	0.0
Yellow buckeye	312.9	0.8	6.0	38.0	38.9	10.6	38.9	30.8	13.2	17.5	28.5	69.4	20.3
Ailanthus, tree-of-heaven	410.4	12.0	19.3	154.7	110.4	29.5	27.3	41.4	5.6	5.0	0.0	5.2	0.0
Serviceberry	52.5	15.3	13.8	15.8	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	124.0	2.7	8.3	30.5	0.0	5.3	0.0	25.2	0.0	0.0	0.0	45.2	6.8
Sweet birch	1,201.4	18.4	40.1	403.5	350.2	158.4	96.3	36.2	13.3	18.5	23.7	27.9	14.9
River birch	912.3	2.4	24.1	182.2	98.2	110.9	112.6	85.0	67.9	80.5	56.9	91.5	0.0
Bumelia	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	569.6	71.8	68.2	212.0	170.3	43.1	4.2	0.0	0.0	0.0	0.0	0.0	0.0
Hickories	30,900.4	334.2	837.5	4,169.0	4,063.2	4,086.9	3,988.5	4,060.8	3,065.9	2,237.8	1,531.3	2,133.8	391.3
Water hickory	52.3	0.0	0.0	0.0	0.0	8.5	13.6	13.7	0.0	16.4	0.0	0.0	0.0
Pecan	109.9	0.6	0.0	0.0	0.0	4.5	0.0	11.0	13.6	0.0	0.0	35.8	44.3
Chinkapin	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	3.2	1.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	12.3	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	3.6	0.0	4.9	0.0
Sugarberry	1,329.4	10.0	54.7	188.7	183.6	169.0	168.0	168.9	115.4	98.8	56.6	59.7	56.0
Hackberry	2,610.9	38.5	65.5	305.2	366.9	237.9	269.1	352.7	242.6	254.7	114.4	168.7	194.9
Eastern redbud	317.1	67.2	82.7	120.9	42.4	1.8	2.1	0.0	0.0	0.0	0.0	0.0	0.0
Flowering dogwood	2,477.5	654.2	739.3	939.2	121.5	15.0	8.4	0.0	0.0	0.0	0.0	0.0	0.0
American smoketree	2.0	0.1	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0
Hawthorn	24.5	7.8	10.2	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,043.1	41.6	58.2	441.6	204.6	103.8	85.3	12.9	44.9	0.0	50.0	0.0	0.0
American beech	12,839.2	57.8	88.8	502.2	538.7	572.2	619.3	951.5	805.8	1,313.9	973.8	4,081.4	2,333.8
White ash	7,175.9	104.2	180.5	1,050.9	1,077.8	963.5	977.5	897.6	647.1	428.9	377.4	385.6	84.8
Green ash	4,611.5	39.2	101.5	660.8	534.5	873.2	730.1	398.4	531.2	409.2	215.8	117.4	0.0
Blue ash	210.7	3.6	15.4	55.1	59.0	29.3	15.0	7.3	9.7	8.6	0.0	7.7	0.0
Waterlocust	81.7	1.1	10.5	18.5	10.8	11.3	0.0	0.0	0.0	0.0	0.0	29.6	0.0
Honeylocust	387.3	5.2	6.7	43.3	72.5	73.1	78.0	49.6	22.6	36.4	0.0	0.0	0.0
Kentucky coffeetree	6.6	0.0	0.0	0.0	0.0	1.6	0.0	4.9	0.0	0.0	0.0	0.0	0.0
Silverbell	17.8	0.2	0.0	0.0	0.0	2.5	0.0	0.0	3.9	4.1	0.0	7.2	0.0
American holly	73.8	14.7	12.2	19.2	8.2	6.8	4.7	0.0	3.5	4.6	0.0	0.0	0.0
Butternut	137.6	2.8	3.5	17.2	23.9	5.7	33.1	28.9	22.4	0.0	0.0	0.0	0.0
Black walnut	2,539.5	6.4	18.5	274.5	299.2	357.5	390.1	384.5	303.8	164.0	168.0	153.0	20.0
Sweetgum	6,005.9	78.0	156.4	908.5	673.8	598.1	660.7	694.3	827.6	338.6	343.3	564.1	162.3
Yellow-poplar	12,998.3	78.2	175.6	1,061.3	1,039.7	987.9	1,186.9	1,614.3	1,668.0	1,603.5	1,305.8	1,942.3	334.7
Osage-orange	479.0	19.0	47.3	169.2	73.0	74.9	34.6	24.0	0.0	9.3	0.0	11.5	16.2
Cucumbertree	329.7	1.6	11.0	53.8	62.8	60.4	34.7	24.2	34.2	18.7	23.2	5.1	0.0
Southern magnolia	15.7	0.0	0.0	10.8	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0
Bigleaf magnolia	22.3	0.0	1.9	13.9	0.0	2.8	0.0	0.0	3.8	0.0	0.0	0.0	0.0

Table 31. – *Wood and bark dry weight of crowns in live trees on timberland by species and diameter class, Tennessee, 1989** – *Continued*

Species common name†	All classes	Diameter class (*Inches at breast height*) 1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	≥29.0
	Million pounds												
Sweetbay	16.5	0.0	0.0	13.5	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Apple	3.9	0.8	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	10.8	1.8	0.0	4.3	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0
Red mulberry	162.8	5.9	13.4	41.9	35.8	29.3	18.1	7.0	8.5	3.0	0.0	0.0	0.0
Water tupelo	180.7	0.7	3.9	9.0	25.6	9.0	6.8	43.0	20.3	28.1	22.6	11.7	0.0
Blackgum, black tupelo	5,661.5	190.7	233.2	1,382.1	915.4	694.0	579.1	535.1	430.0	261.5	204.3	220.3	15.7
Swamp tupelo	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	930.3	130.3	170.4	396.7	156.4	18.6	30.2	8.0	0.0	0.0	19.8	0.0	0.0
Sourwood	4,849.5	326.2	843.5	2,444.8	697.0	238.2	166.4	89.4	37.1	7.0	0.0	0.0	0.0
Royal paulownia	137.7	0.7	6.8	20.8	33.3	15.4	11.5	7.7	21.3	3.2	0.0	16.9	0.0
Water-elm	22.4	0.0	0.0	0.0	0.0	0.0	1.9	0.0	8.6	0.0	5.7	6.2	0.0
American sycamore	957.8	1.3	9.5	68.5	68.7	126.3	66.2	139.5	113.6	61.5	98.6	160.5	43.6
Eastern cottonwood	479.0	0.0	4.9	13.5	0.0	3.5	8.3	5.8	29.4	28.7	16.1	96.8	272.1
Black cherry	2,982.7	80.3	146.1	680.7	542.2	320.8	240.1	220.5	250.2	260.2	105.2	136.3	0.0
Plums‡	15.7	8.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	47,650.4	227.8	714.6	4,244.8	4,188.5	4,892.1	5,439.1	6,781.4	5,963.6	5,001.8	3,542.9	5,725.1	928.9
Swamp white oak	17.4	0.0	0.0	0.0	0.0	7.1	0.0	10.3	0.0	0.0	0.0	0.0	0.0
Scarlet oak	15,056.3	29.3	107.2	1,400.0	1,478.4	2,091.2	2,103.0	2,077.3	1,757.5	1,603.4	892.6	1,193.2	323.2
Southern red oak	11,351.1	24.0	92.6	605.7	714.8	785.1	1,022.5	1,606.0	1,489.3	1,297.8	1,070.2	2,165.0	478.2
Cherrybark oak	4,497.9	1.9	3.3	77.7	159.1	141.6	179.2	408.1	373.7	407.1	427.9	1,618.7	699.5
Shingle oak	46.7	0.0	0.0	12.8	0.0	0.0	4.3	4.8	12.4	0.0	12.5	0.0	0.0
Turkey oak	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	410.5	0.0	5.4	12.0	13.1	16.9	12.7	17.8	26.1	65.1	17.7	181.1	42.6
Bur oak	38.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.3	0.0	23.4	0.0
Blackjack oak	331.9	3.6	21.5	70.9	54.5	61.4	41.3	25.3	12.0	16.1	25.3	0.0	0.0
Swamp chestnut oak	598.0	3.4	0.0	31.7	21.0	20.2	48.3	41.4	49.3	23.0	57.5	186.2	116.0
Chinkapin oak	2,724.5	20.6	67.9	307.6	275.6	358.2	267.0	353.9	227.3	181.6	138.4	296.7	229.8
Water oak	1,228.5	0.2	2.1	65.3	80.0	105.6	129.0	172.3	70.3	79.3	67.4	286.8	170.2
Nuttall oak	101.5	0.0	0.0	0.0	0.0	4.7	11.2	15.4	10.8	14.0	8.0	37.3	0.0
Pin oak	363.1	0.0	0.0	8.0	0.0	0.0	0.0	21.4	39.5	46.9	31.4	105.4	110.6
Willow oak	1,593.2	3.4	0.0	30.4	86.9	75.6	57.5	77.0	89.9	241.5	195.7	333.5	401.9
Chestnut oak	20,234.7	71.0	275.0	1,601.5	1,645.1	1,633.2	1,998.0	2,360.6	2,454.2	1,916.7	1,697.7	3,418.4	1,163.2
Northern red oak	12,249.9	24.7	72.8	564.8	819.3	1,041.2	1,241.4	1,708.9	1,419.4	1,360.3	1,263.0	2,106.5	627.7
Shumard oak	251.0	0.0	2.9	3.5	27.4	12.0	7.7	50.0	28.5	20.9	22.8	36.7	38.5
Post oak	9,399.7	33.4	86.7	1,124.1	1,078.1	1,521.0	1,273.2	1,529.8	981.5	734.9	491.2	527.1	18.8
Delta post oak	12.9	0.3	3.3	0.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black oak	14,027.9	25.0	63.8	679.8	775.7	922.5	1,260.4	2,038.0	2,029.8	2,078.7	1,766.0	2,194.1	194.0
Live oak	6.1	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	1,882.7	31.0	92.1	360.8	384.1	347.8	197.6	154.6	113.5	88.9	72.3	40.0	0.0
Black willow	601.7	5.0	5.9	70.2	54.4	66.0	29.3	44.0	18.9	36.9	37.8	167.6	65.5
Sassafras	1,970.9	90.6	168.7	600.9	340.9	246.0	177.3	128.0	78.5	55.5	68.3	16.3	0.0
American basswood	569.7	5.6	0.0	28.9	40.9	71.5	75.4	73.2	86.3	81.3	48.7	54.5	3.5
White basswood	46.3	0.5	0.0	8.4	2.9	5.4	0.0	8.1	4.0	5.1	5.4	6.5	0.0
Winged elm	1,439.5	95.4	132.2	526.6	265.9	144.7	101.0	64.0	34.5	22.1	9.1	43.9	0.0
American elm	1,386.6	44.8	70.0	273.4	160.4	165.9	127.4	166.0	71.7	86.1	51.7	106.3	63.0
Siberian elm	3.7	0.2	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	635.5	17.2	32.0	171.2	106.9	63.7	60.2	43.7	25.1	49.4	29.4	14.6	22.0
September elm	7.0	0.2	0.0	4.2	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0
Rock elm	21.2	0.5	2.0	0.0	0.0	2.3	3.1	7.6	0.0	0.0	0.0	5.8	0.0
Tree sparkleberry	5.5	3.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species§	205.4	15.5	11.9	91.6	29.8	23.7	11.1	11.2	10.5	0.0	0.0	0.0	0.0
All species	307,923.9	4,072.0	8,134.2	39,927.0	33,090.9	32,651.2	33,062.2	36,344.3	30,321.2	25,805.5	19,480.0	34,225.0	10,810.5

*Numbers in columns and rows may not total due to rounding.
†Alphabetized by genus; see species list, appendix 2.
‡Also includes cherries (except black cherry).
§Other species includes noncommercial and unidentified species.

Table 32. – *Wood and bark fresh weight of live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	3,897.0	22,694.5	17.5	2,530.1	1,012.9	4,121.9	2,231.9	6,677.7	634.7	9,364.9
Bedford	1,030.7	10,637.4	161.8	1,803.2	633.1	2,206.8	235.9	2,613.3	0.0	4,014.0
Benton	1,833.7	25,311.1	533.6	3,228.8	1,111.3	6,636.2	188.7	9,653.3	0.0	5,792.7
Bledsoe	7,605.6	19,246.3	726.9	3,125.0	3,626.8	5,890.8	2,603.2	6,048.8	648.7	4,181.7
Blount	4,157.3	9,976.1	296.8	1,192.3	1,497.1	2,431.2	1,729.6	3,053.6	633.8	3,299.0
Bradley	5,234.9	8,816.6	403.5	879.1	1,869.5	1,535.2	2,692.4	3,161.9	269.5	3,240.5
Campbell	5,644.8	44,016.6	247.8	4,348.1	1,961.9	8,655.2	2,743.8	12,836.8	691.3	18,176.4
Cannon	1,118.0	13,839.5	232.0	1,576.9	835.0	3,641.3	51.0	4,585.3	0.0	4,035.9
Carroll	1,912.5	32,578.3	283.3	3,777.2	417.0	8,902.4	652.6	11,860.6	559.5	8,038.1
Carter	4,458.7	33,103.0	237.7	2,338.5	1,098.5	7,195.7	1,163.1	10,156.2	1,959.4	13,412.6
Cheatam	564.4	21,751.6	40.6	2,857.9	218.4	4,254.3	121.3	7,218.6	184.1	7,420.8
Chester	3,532.8	12,699.6	236.5	1,844.9	1,221.9	3,970.5	1,517.2	3,796.6	557.4	3,087.7
Claiborne	1,184.7	28,925.1	42.9	3,640.1	419.9	6,513.5	591.5	8,555.3	130.3	10,216.1
Clay	590.9	12,047.9	294.2	2,016.1	163.6	4,490.5	133.2	3,449.6	0.0	2,091.7
Cocke	5,101.6	25,065.4	419.0	2,540.2	1,719.5	5,991.7	2,166.9	8,274.3	796.2	8,259.2
Coffee	0.0	23,132.4	0.0	1,945.1	0.0	5,397.9	0.0	7,264.2	0.0	8,525.1
Crockett	0.0	4,633.6	0.0	673.1	0.0	528.9	0.0	675.3	0.0	2,756.3
Cumberland	13,196.0	46,728.5	1,927.5	7,821.9	4,447.8	11,924.2	4,879.8	14,786.6	1,941.0	12,195.8
Davidson	977.7	17,645.6	418.3	2,314.9	422.2	3,740.3	99.7	4,368.1	37.5	7,222.2
Decatur	2,202.0	25,037.8	31.8	2,781.2	692.5	5,591.0	1,225.3	10,345.1	252.4	6,320.5
DeKalb	1,735.9	21,565.1	404.1	2,011.3	960.7	4,823.1	371.2	5,951.7	0.0	8,779.0
Dickson	262.2	31,220.2	166.0	4,320.6	96.2	5,796.8	0.0	11,620.4	0.0	9,482.4
Dyer	0.0	8,306.9	0.0	563.8	0.0	748.5	0.0	1,824.7	0.0	5,169.9
Fayette	2,950.2	30,336.4	844.8	2,720.3	1,415.3	5,991.5	626.7	9,055.9	63.4	12,568.6
Fentress	12,193.8	33,553.9	964.4	5,884.0	5,415.8	9,326.9	4,301.5	9,442.6	1,512.1	8,900.5
Franklin	610.5	25,576.4	176.9	3,765.7	335.8	5,296.8	97.8	7,427.1	0.0	9,086.9
Gibson	0.0	6,477.6	0.0	288.9	0.0	1,730.3	0.0	2,128.1	0.0	2,330.3
Giles	582.4	21,952.6	64.2	2,691.0	213.2	7,356.9	304.9	5,848.1	0.0	6,056.6
Grainger	1,843.3	19,400.4	175.7	2,511.1	775.6	4,276.3	773.8	5,373.3	118.3	7,239.8
Greene	4,329.7	29,456.6	672.4	2,948.3	1,664.1	6,124.3	1,274.5	7,236.9	718.8	13,147.0
Grundy	2,994.7	23,904.4	145.2	3,989.7	1,675.5	6,991.0	769.2	6,031.1	404.8	6,892.6
Hamblen	1,804.6	6,687.7	74.6	188.1	680.3	1,248.7	970.2	1,325.7	79.6	3,925.1
Hamilton	8,805.1	27,206.3	652.0	4,499.0	2,917.3	5,211.5	4,330.7	6,934.3	905.1	10,561.5
Hancock	431.8	10,789.2	56.5	1,619.5	184.3	2,553.3	153.3	3,063.9	37.7	3,552.6
Hardeman	6,263.5	38,488.8	949.1	3,234.9	2,094.7	9,014.0	2,401.2	13,484.9	818.5	12,755.1
Hardin	6,829.3	28,879.0	974.4	3,110.4	3,667.4	8,050.1	1,933.1	8,595.1	254.4	9,123.4
Hawkins	3,449.4	26,329.5	654.8	3,419.4	1,535.7	5,765.9	973.7	7,912.4	285.2	9,231.9
Haywood	6.8	17,541.8	5.6	917.1	1.1	2,398.8	0.0	3,333.3	0.0	10,892.7
Henderson	4,872.5	27,365.2	504.6	1,681.1	2,298.9	6,651.8	1,933.8	9,558.9	135.2	9,473.4
Henry	376.5	32,198.4	63.8	2,252.4	120.0	6,408.5	192.7	10,265.0	0.0	13,272.5
Hickman	1,633.0	53,230.6	121.1	6,306.3	679.0	15,260.9	562.9	19,838.3	270.0	11,825.2
Houston	133.3	16,990.3	88.2	1,616.1	45.1	4,284.2	0.0	6,310.1	0.0	4,780.0
Humphreys	425.0	38,499.8	10.6	3,867.3	84.5	9,902.5	237.4	15,200.2	92.4	9,529.8
Jackson	1,215.8	23,196.3	205.3	2,666.0	613.2	4,854.9	319.0	6,915.2	78.3	8,760.2
Jefferson	1,399.1	10,907.5	28.0	877.8	485.3	1,929.1	727.9	2,730.5	157.8	5,370.0
Johnson	3,500.1	24,416.6	488.4	3,467.2	592.0	6,352.3	1,492.7	7,209.8	927.0	7,387.3
Knox	4,521.2	20,926.0	603.2	1,659.3	2,275.6	3,877.4	1,358.0	4,160.8	284.4	11,228.5
Lake	2,277.8	3,487.9	0.0	58.8	0.0	569.8	0.0	1,482.6	2,277.8	1,376.7
Lauderdale	1,511.7	17,917.8	0.0	724.5	32.0	2,119.8	73.4	3,748.8	1,406.3	11,324.7
Lawrence	0.0	29,609.9	0.0	3,629.8	0.0	7,784.2	0.0	10,852.1	0.0	7,343.7
Lewis	267.9	22,876.8	155.8	2,706.7	62.8	6,822.3	49.3	8,052.7	0.0	5,295.2
Lincoln	1,519.4	17,284.2	450.4	2,800.9	982.2	4,912.1	86.8	4,749.2	0.0	4,822.1
Loudon	4,169.3	8,656.9	244.0	1,000.6	1,590.0	1,303.8	2,132.0	1,951.2	203.2	4,401.4
McMinn	9,929.0	16,292.8	988.5	2,678.4	5,281.6	3,616.0	3,351.8	3,747.5	307.1	6,250.8
McNairy	8,374.8	26,492.6	1,062.8	4,861.4	3,282.4	8,087.2	3,039.4	8,926.8	990.2	4,617.2
Macon	28.4	13,496.5	0.0	978.3	28.4	3,020.1	0.0	5,224.5	0.0	4,273.6
Madison	1,066.9	28,984.2	220.5	1,712.4	456.9	4,680.9	389.5	9,577.6	0.0	13,013.3
Marion	4,510.4	38,112.2	499.2	6,160.2	1,239.7	8,121.9	1,922.3	11,359.5	849.2	12,470.6
Marshall	1,293.7	10,442.6	447.5	1,581.5	607.0	1,714.0	206.2	3,008.7	33.0	4,138.4
Maury	180.3	17,539.7	68.4	1,765.5	71.6	5,264.9	40.3	5,523.2	0.0	4,986.1
Meigs	5,328.3	10,774.6	209.7	1,376.4	2,882.4	2,503.3	2,138.2	4,214.9	98.0	2,679.9
Monroe	21,018.4	38,135.8	2,379.8	4,971.3	7,893.3	8,970.4	8,321.9	13,039.4	2,423.3	11,154.7
Montgomery	848.1	21,732.2	91.2	2,635.3	357.7	5,114.3	318.0	7,086.3	81.2	6,896.3
Moore	391.4	7,022.4	109.0	539.3	92.0	1,479.2	147.3	2,069.8	43.1	2,934.1
Morgan	8,320.5	41,862.7	717.5	7,409.8	2,633.9	10,164.3	3,447.1	10,843.6	1,522.0	13,445.0

Table 32. – *Wood and bark fresh weight of live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Obion	912.5	17,479.2	20.6	933.3	0.0	2,656.7	171.6	3,435.8	720.3	10,453.4
Overton	2,978.6	32,175.0	244.6	3,451.9	560.1	6,356.1	1,320.7	11,131.0	853.2	11,236.0
Perry	880.1	33,211.8	199.2	3,999.4	533.1	10,396.2	147.8	12,600.6	0.0	6,215.6
Pickett	769.2	13,042.3	68.7	1,660.8	206.3	3,154.6	260.3	3,345.1	234.0	4,881.9
Polk	19,623.5	19,159.9	1,685.9	3,294.4	6,791.0	4,795.6	7,056.2	5,325.8	4,090.3	5,744.0
Putnam	1,825.6	26,116.0	30.0	3,088.8	482.1	5,660.7	841.8	8,388.6	471.7	8,977.8
Rhea	4,513.4	19,053.4	149.6	2,070.6	2,767.8	4,909.5	1,082.8	5,574.4	513.2	6,498.8
Roane	4,266.8	26,554.0	149.0	2,925.6	1,365.4	7,596.6	2,316.1	8,328.7	436.3	7,703.2
Robertson	40.2	9,005.3	0.0	192.0	0.0	1,404.2	40.2	3,522.0	0.0	3,887.0
Rutherford	3,007.1	11,200.3	975.1	2,268.0	1,411.2	3,599.7	442.9	3,036.7	177.9	2,295.9
Scott	9,554.2	52,446.1	314.5	6,255.7	3,856.8	12,477.9	4,468.1	16,230.2	914.8	17,482.4
Sequatchie	6,757.4	16,407.3	572.8	3,202.6	2,975.5	4,435.2	2,417.9	4,550.7	791.2	4,218.9
Sevier	6,763.9	18,285.7	309.7	3,262.0	2,872.3	4,545.5	2,557.3	4,197.6	1,024.6	6,280.7
Shelby	195.5	26,671.3	35.7	1,714.5	42.7	5,542.1	36.0	7,653.0	81.1	11,761.7
Smith	610.4	13,086.7	155.8	1,317.7	387.6	3,629.6	67.0	3,305.3	0.0	4,834.2
Stewart	797.9	34,639.4	89.0	3,087.7	141.3	7,812.1	444.5	11,124.4	123.2	12,615.3
Sullivan	3,807.5	20,264.1	190.9	1,735.4	1,026.1	5,401.5	1,570.5	5,540.5	1,020.0	7,586.8
Sumner	410.8	11,856.6	4.3	875.5	371.9	2,075.6	34.6	3,643.7	0.0	5,261.8
Tipton	3.5	10,738.8	3.5	813.2	0.0	1,887.7	0.0	1,939.3	0.0	6,098.6
Trousdale	468.6	3,427.5	28.3	734.5	406.6	1,231.9	33.7	1,198.6	0.0	262.5
Unicoi	4,697.6	17,238.9	366.2	2,468.7	778.4	4,040.6	1,056.8	4,081.2	2,496.3	6,648.5
Union	2,884.0	15,177.0	373.8	1,858.4	908.8	2,666.9	1,439.5	4,224.2	161.9	6,427.4
Van Buren	4,826.3	17,360.1	484.2	2,781.6	2,616.3	4,087.6	1,286.6	5,136.5	439.3	5,354.3
Warren	56.6	17,576.2	0.0	2,082.8	56.6	4,445.7	0.0	5,786.6	0.0	5,261.1
Washington	2,038.2	11,056.2	64.1	999.5	585.7	2,025.5	451.7	2,615.2	936.7	5,416.1
Wayne	3,032.4	50,343.0	692.0	7,522.4	1,664.5	15,688.2	675.9	17,978.2	0.0	9,154.2
Weakley	1,883.4	17,353.9	0.0	609.3	572.2	3,011.8	1,152.4	4,242.8	158.8	9,490.1
White	3,389.7	22,973.8	517.3	2,421.5	2,191.2	3,617.5	636.3	7,135.1	44.9	9,799.7
Williamson	1,903.1	24,388.4	360.9	2,659.6	980.4	5,809.7	455.2	5,652.8	106.6	10,266.3
Wilson	3,013.7	6,929.4	1,227.4	880.1	1,187.9	2,516.6	472.3	1,899.1	126.1	1,633.6
All counties	304,361.0	2,079,230.0	32,603.0	245,069.7	119,429.1	489,573.3	109,733.3	636,441.3	42,595.6	708,145.7

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 33. – *Wood and bark fresh weight of stems in live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	3,144.5	17,087.4	16.4	2,065.5	800.6	2,978.1	1,820.4	5,339.6	507.1	6,704.2
Bedford	814.6	7,957.3	145.7	1,471.6	460.9	1,588.9	208.0	2,062.9	0.0	2,833.9
Benton	1,456.9	19,065.1	477.8	2,584.7	815.2	4,809.0	163.9	7,532.4	0.0	4,139.0
Bledsoe	6,132.3	14,595.9	643.2	2,560.0	2,789.5	4,250.6	2,157.6	4,813.8	542.1	2,971.5
Blount	3,426.3	7,573.6	257.5	958.5	1,208.8	1,776.7	1,442.2	2,442.8	517.8	2,395.6
Bradley	4,421.8	6,581.9	360.9	724.1	1,524.8	1,087.6	2,323.3	2,495.5	212.8	2,274.7
Campbell	4,665.2	33,394.6	224.9	3,564.3	1,595.0	6,330.9	2,295.0	10,237.5	550.3	13,261.8
Cannon	898.5	10,637.1	209.4	1,280.3	644.0	2,720.0	45.1	3,652.4	0.0	2,984.4
Carroll	1,625.3	24,758.8	255.9	3,175.4	326.9	6,466.0	565.1	9,394.4	477.3	5,722.9
Carter	3,572.4	25,491.7	204.8	1,929.7	835.4	5,349.0	912.0	8,088.0	1,620.3	10,125.1
Cheatam	473.3	16,600.9	36.7	2,291.4	171.5	3,168.4	106.5	5,799.3	158.6	5,341.8
Chester	2,976.3	9,688.8	212.6	1,531.6	944.9	2,958.1	1,338.9	3,016.6	480.0	2,182.5
Claiborne	995.3	21,928.5	37.9	2,992.0	327.6	4,656.7	521.8	6,812.1	108.0	7,467.8
Clay	511.0	9,059.4	265.8	1,656.4	132.7	3,231.3	112.5	2,723.3	0.0	1,448.4
Cocke	4,155.1	19,269.3	367.9	2,044.8	1,319.4	4,422.5	1,805.7	6,698.0	662.2	6,104.0
Coffee	0.0	17,202.0	0.0	1,603.4	0.0	3,944.9	0.0	5,720.9	0.0	5,932.7
Crockett	0.0	3,412.9	0.0	540.9	0.0	353.1	0.0	541.1	0.0	1,977.9
Cumberland	10,668.8	35,012.6	1,698.3	6,360.2	3,340.5	8,468.5	4,035.2	11,494.3	1,594.8	8,689.6
Davidson	840.2	12,900.8	375.0	1,907.0	346.7	2,666.2	86.4	3,417.8	32.1	4,909.7
Decatur	1,892.9	19,012.8	28.7	2,254.3	582.4	4,120.4	1,064.8	8,118.2	217.0	4,519.9
DeKalb	1,439.2	16,384.4	365.0	1,658.0	747.1	3,436.2	327.1	4,772.9	0.0	6,517.3
Dickson	222.0	23,329.8	150.3	3,517.3	71.7	4,128.7	0.0	9,038.7	0.0	6,645.2
Dyer	0.0	6,072.3	0.0	454.8	0.0	544.2	0.0	1,404.5	0.0	3,668.8
Fayette	2,461.5	22,525.5	762.9	2,296.4	1,100.5	4,436.3	544.3	7,167.5	53.9	8,625.2
Fentress	10,043.9	25,316.9	846.5	4,832.1	4,349.8	6,716.7	3,615.9	7,421.1	1,231.6	6,346.9
Franklin	502.9	19,186.6	159.6	3,096.0	256.8	3,788.2	86.5	5,812.3	0.0	6,490.0
Gibson	0.0	4,842.5	0.0	243.5	0.0	1,272.1	0.0	1,685.0	0.0	1,641.9
Giles	403.2	16,367.4	56.4	2,253.0	122.9	5,278.1	223.9	4,623.3	0.0	4,213.0
Grainger	1,529.6	14,956.3	152.7	2,051.1	629.9	3,065.7	654.2	4,353.1	92.8	5,486.5
Greene	3,640.7	22,092.7	597.4	2,406.8	1,359.8	4,468.8	1,097.8	5,729.6	585.6	9,487.4
Grundy	2,428.2	17,614.5	126.6	3,232.5	1,334.2	4,849.3	640.0	4,733.0	327.4	4,799.7

Table 33. – *Wood and bark fresh weight of stems in live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Hamblen	1,498.2	4,959.9	67.5	150.5	557.2	902.8	805.1	1,074.5	68.4	2,832.1
Hamilton	7,466.3	20,542.4	581.0	3,665.6	2,414.4	3,801.0	3,729.9	5,513.3	741.0	7,562.5
Hancock	353.6	8,187.5	51.1	1,315.3	142.7	1,855.1	130.1	2,458.4	29.6	2,558.7
Hardeman	5,324.8	28,948.3	855.6	2,693.1	1,650.4	6,663.6	2,109.5	10,645.0	709.2	8,946.6
Hardin	5,612.3	21,358.5	874.8	2,583.0	2,829.1	5,809.3	1,687.8	6,825.5	220.6	6,140.8
Hawkins	2,913.9	20,252.2	579.1	2,762.0	1,254.3	4,346.7	837.3	6,366.6	243.2	6,776.9
Haywood	6.0	12,643.0	5.0	774.7	1.0	1,780.8	0.0	2,712.1	0.0	7,375.4
Henderson	4,019.8	20,415.1	452.4	1,354.5	1,775.1	4,803.9	1,676.6	7,596.9	115.6	6,659.8
Henry	308.8	24,359.2	57.3	1,898.0	85.0	4,636.1	166.6	8,154.8	0.0	9,670.4
Hickman	1,347.0	40,267.0	109.5	5,117.6	551.6	11,026.4	462.4	15,568.9	223.5	8,554.0
Houston	119.7	12,765.2	79.5	1,312.8	40.2	3,073.0	0.0	4,947.7	0.0	3,431.8
Humphreys	340.0	28,772.4	9.5	3,083.2	55.5	7,033.1	199.1	11,840.8	75.9	6,815.3
Jackson	1,005.6	17,393.5	185.1	2,188.6	474.6	3,415.1	281.7	5,465.3	64.1	6,324.5
Jefferson	1,130.7	8,206.3	24.1	723.5	368.5	1,437.5	606.1	2,154.5	131.9	3,890.7
Johnson	2,605.6	18,879.2	417.6	2,857.4	286.2	4,722.7	1,140.6	5,747.7	761.2	5,551.3
Knox	3,775.1	15,753.9	542.5	1,384.2	1,862.3	2,846.3	1,137.3	3,417.5	233.0	8,105.9
Lake	1,899.2	2,588.5	0.0	47.7	0.0	384.2	0.0	1,126.6	1,899.2	1,030.0
Lauderdale	1,315.7	13,310.6	0.0	603.6	29.1	1,596.0	66.7	2,995.7	1,219.9	8,115.4
Lawrence	0.0	22,377.7	0.0	2,938.3	0.0	5,543.1	0.0	8,526.2	0.0	5,370.1
Lewis	234.2	17,279.9	139.8	2,179.7	50.8	4,969.4	43.6	6,328.4	0.0	3,802.4
Lincoln	1,244.9	13,006.7	406.0	2,299.2	762.5	3,543.0	76.5	3,716.5	0.0	3,448.0
Loudon	3,506.2	6,355.6	220.7	817.4	1,304.4	984.6	1,818.3	1,520.1	162.8	3,033.6
McMinn	8,182.5	12,343.1	870.8	2,154.5	4,248.5	2,637.9	2,822.1	3,005.7	241.0	4,545.0
McNairy	7,067.8	20,158.2	957.4	4,010.3	2,575.9	5,841.2	2,685.0	6,990.2	849.4	3,316.5
Macon	23.3	10,456.2	0.0	789.8	23.3	2,176.4	0.0	4,187.8	0.0	3,302.3
Madison	899.0	21,536.9	198.2	1,420.3	356.0	3,508.0	344.8	7,619.1	0.0	8,989.5
Marion	3,743.6	29,106.9	446.5	5,032.8	962.3	5,893.5	1,650.6	9,128.7	684.2	9,051.9
Marshall	1,089.7	7,823.6	404.4	1,311.9	475.4	1,257.7	181.9	2,383.9	28.0	2,870.1
Maury	150.8	13,270.6	61.1	1,444.6	54.2	3,889.7	35.5	4,409.6	0.0	3,526.7
Meigs	4,485.9	8,193.7	187.9	1,162.4	2,345.2	1,779.9	1,867.9	3,367.1	85.0	1,884.4
Monroe	17,141.7	28,931.2	2,088.8	4,058.5	6,152.1	6,488.9	6,897.1	10,304.9	2,003.8	8,079.0
Montgomery	715.0	16,256.2	82.0	2,181.8	287.4	3,766.8	275.9	5,601.0	69.7	4,706.5
Moore	330.2	5,189.2	98.3	444.6	65.1	1,091.5	129.6	1,634.1	37.1	2,019.0
Morgan	6,740.8	31,610.7	620.3	6,107.8	2,035.1	7,279.7	2,838.8	8,490.9	1,246.5	9,732.3
Obion	802.4	12,888.3	19.4	780.3	0.0	1,991.0	157.8	2,722.3	625.2	7,394.8
Overton	2,418.2	25,004.4	218.5	2,801.4	450.6	4,648.2	1,083.2	9,021.7	665.8	8,533.3
Perry	720.5	25,409.5	176.9	3,255.7	416.2	7,671.8	127.4	9,997.7	0.0	4,484.3
Pickett	609.0	9,866.0	62.2	1,339.8	148.9	2,316.3	211.8	2,737.2	186.1	3,472.7
Polk	15,836.0	14,657.9	1,466.7	2,678.5	5,177.4	3,512.9	5,812.6	4,234.2	3,379.3	4,232.4
Putnam	1,508.5	19,755.3	26.0	2,504.5	397.0	4,090.3	708.0	6,572.4	377.6	6,588.1
Rhea	3,592.2	14,444.5	130.5	1,677.0	2,152.2	3,542.7	891.6	4,465.7	417.8	4,759.1
Roane	3,645.6	20,204.2	131.8	2,352.5	1,159.1	5,507.0	1,993.9	6,680.6	360.9	5,664.0
Robertson	35.5	6,751.5	0.0	158.9	0.0	1,014.8	35.5	2,748.4	0.0	2,829.4
Rutherford	2,464.7	8,378.4	878.9	1,884.0	1,047.0	2,552.1	388.4	2,329.4	150.4	1,612.9
Scott	7,712.2	39,507.5	274.8	5,142.3	3,006.4	8,959.9	3,689.8	12,845.2	741.1	12,560.0
Sequatchie	5,509.2	12,557.2	500.4	2,657.8	2,333.7	3,178.3	2,044.3	3,610.9	630.8	3,110.3
Sevier	5,607.2	14,051.6	274.9	2,704.0	2,359.7	3,314.4	2,132.8	3,387.3	839.8	4,645.9
Shelby	168.4	20,456.6	32.2	1,433.9	33.8	4,108.1	31.6	6,225.7	70.8	8,688.9
Smith	479.8	9,758.1	139.9	1,093.5	280.4	2,627.6	59.5	2,609.4	0.0	3,427.6
Stewart	667.7	25,872.4	79.8	2,442.8	93.6	5,701.1	388.9	8,695.8	105.3	9,032.7
Sullivan	3,035.7	15,502.7	167.0	1,435.7	750.8	3,996.1	1,271.6	4,460.5	846.2	5,610.4
Sumner	340.5	8,985.8	3.8	724.1	306.0	1,485.1	30.7	2,887.0	0.0	3,889.6
Tipton	3.1	7,900.9	3.1	692.5	0.0	1,371.7	0.0	1,581.7	0.0	4,255.0
Trousdale	372.2	2,640.2	25.4	603.6	316.9	890.0	29.9	955.9	0.0	190.7
Unicoi	3,558.2	13,197.6	328.7	2,039.3	399.6	2,952.8	778.2	3,306.5	2,051.8	4,899.0
Union	2,402.5	11,633.8	336.7	1,524.1	735.0	1,956.1	1,203.1	3,392.4	127.7	4,761.2
Van Buren	3,909.0	13,096.3	426.7	2,304.9	2,077.0	2,886.5	1,055.5	4,004.0	349.8	3,901.0
Warren	43.4	13,124.7	0.0	1,675.6	43.4	3,150.9	0.0	4,540.1	0.0	3,758.1
Washington	1,646.5	8,328.8	59.6	819.9	467.4	1,475.4	356.6	2,086.4	762.8	3,947.0
Wayne	2,480.5	38,101.9	621.9	6,156.9	1,259.3	11,433.8	599.3	14,141.1	0.0	6,370.1
Weakley	1,607.1	12,694.3	0.0	509.2	463.6	2,128.4	1,003.6	3,293.2	139.9	6,763.5
White	2,715.7	17,349.9	458.1	1,962.6	1,682.4	2,618.7	541.7	5,680.2	33.6	7,088.4
Williamson	1,617.1	17,953.4	326.3	2,195.7	798.6	4,206.4	401.0	4,482.4	91.1	7,068.9
Wilson	2,590.9	5,118.5	1,108.3	727.4	959.5	1,782.8	417.5	1,499.9	105.6	1,108.3
All counties	250,039.1	1,568,611.9	28,989.5	200,685.4	93,530.8	355,187.3	92,343.8	504,162.9	35,175.0	508,576.3

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 34. – *Wood and bark fresh weight of crowns in live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	752.5	5,607.1	1.0	464.5	212.3	1,143.8	411.6	1,338.1	127.6	2,660.7
Bedford	216.1	2,680.0	16.1	331.7	172.2	617.9	27.9	550.4	0.0	1,180.1
Benton	376.7	6,245.9	55.8	644.1	296.1	1,827.2	24.8	2,120.9	0.0	1,653.7
Bledsoe	1,473.3	4,650.4	83.7	564.9	837.3	1,640.2	445.6	1,235.0	106.6	1,210.2
Blount	731.0	2,402.5	39.3	233.8	288.3	654.5	287.4	610.8	116.1	903.4
Bradley	813.1	2,234.8	42.6	155.0	344.7	447.7	369.1	666.4	56.7	965.8
Campbell	979.5	10,622.0	22.9	783.8	366.8	2,324.3	448.8	2,599.3	141.1	4,914.6
Cannon	219.5	3,202.4	22.6	296.6	191.1	921.3	5.9	933.0	0.0	1,051.4
Carroll	287.2	7,819.5	27.4	601.8	90.0	2,436.3	87.6	2,466.2	82.2	2,315.2
Carter	886.3	7,611.3	32.9	408.8	263.2	1,846.7	251.1	2,068.2	339.1	3,287.5
Cheatam	91.1	5,150.7	3.9	566.4	46.9	1,086.0	14.8	1,419.3	25.5	2,079.0
Chester	556.6	3,010.9	23.9	313.4	277.0	1,012.4	178.3	780.0	77.4	905.2
Claiborne	189.3	6,996.5	4.9	648.1	92.4	1,856.8	69.7	1,743.3	22.3	2,748.3
Clay	79.9	2,988.5	28.4	359.7	30.9	1,259.2	20.7	726.3	0.0	643.3
Cocke	946.5	5,796.2	51.2	495.4	400.1	1,569.3	361.2	1,576.3	134.0	2,155.2
Coffee	0.0	5,930.4	0.0	341.7	0.0	1,453.0	0.0	1,543.3	0.0	2,592.4
Crockett	0.0	1,220.6	0.0	132.2	0.0	175.8	0.0	134.2	0.0	778.4
Cumberland	2,527.2	11,715.8	229.2	1,461.7	1,107.2	3,455.7	844.6	3,292.3	346.2	3,506.1
Davidson	137.5	4,744.8	43.3	407.9	75.4	1,074.1	13.3	950.2	5.4	2,312.5
Decatur	309.1	6,025.0	3.1	527.0	110.0	1,470.5	160.6	2,226.9	35.4	1,800.7
DeKalb	296.7	5,180.6	39.1	353.3	213.5	1,386.9	44.1	1,178.8	0.0	2,261.7
Dickson	40.3	7,890.3	15.8	803.3	24.5	1,668.1	0.0	2,581.7	0.0	2,837.2
Dyer	0.0	2,234.6	0.0	109.0	0.0	204.4	0.0	420.2	0.0	1,501.0
Fayette	488.7	7,810.9	81.9	423.9	314.9	1,555.2	82.4	1,888.4	9.5	3,943.4
Fentress	2,149.9	8,237.0	117.8	1,051.8	1,066.0	2,610.2	685.6	2,021.4	280.5	2,553.6
Franklin	107.6	6,389.9	17.3	669.6	79.0	1,508.5	11.3	1,614.8	0.0	2,597.0
Gibson	0.0	1,635.1	0.0	45.4	0.0	458.2	0.0	443.1	0.0	688.4
Giles	179.1	5,585.2	7.8	438.0	90.3	2,078.7	81.1	1,224.8	0.0	1,843.6
Grainger	313.7	4,444.1	22.9	460.0	145.7	1,210.6	119.6	1,020.2	25.5	1,753.3
Greene	689.0	7,363.9	75.0	541.4	304.2	1,655.5	176.7	1,507.3	133.1	3,659.6
Grundy	566.6	6,289.8	18.7	757.1	341.3	2,141.7	129.3	1,298.1	77.4	2,092.9
Hamblen	306.4	1,727.8	7.0	37.7	123.0	345.9	165.1	251.3	11.2	1,092.9
Hamilton	1,338.8	6,664.0	71.0	833.4	502.9	1,410.6	600.8	1,421.1	164.1	2,998.9
Hancock	78.2	2,601.7	5.3	304.2	41.6	698.1	23.2	605.5	8.1	993.9
Hardeman	938.7	9,540.6	93.5	541.8	444.2	2,350.4	291.7	2,839.9	109.3	3,808.5
Hardin	1,217.0	7,520.5	99.6	527.4	838.4	2,240.8	245.3	1,769.6	33.8	2,982.6
Hawkins	535.5	6,077.3	75.7	657.4	281.4	1,419.2	136.4	1,545.7	42.0	2,455.0
Haywood	0.8	4,898.8	0.6	142.4	0.1	618.0	0.0	621.2	0.0	3,517.3
Henderson	852.7	6,950.1	52.2	326.6	523.7	1,847.9	257.2	1,962.0	19.6	2,813.6
Henry	67.7	7,839.2	6.5	354.4	35.0	1,772.4	26.2	2,110.2	0.0	3,602.1
Hickman	286.0	12,963.7	11.6	1,188.6	127.4	4,234.5	100.5	4,269.3	46.6	3,271.2
Houston	13.6	4,225.1	8.7	303.3	4.9	1,211.2	0.0	1,362.4	0.0	1,348.2
Humphreys	84.9	9,727.4	1.2	784.1	29.0	2,869.4	38.3	3,359.4	16.5	2,714.6
Jackson	210.2	5,802.8	20.2	477.4	138.6	1,439.8	37.3	1,449.9	14.2	2,435.7
Jefferson	268.3	2,701.2	3.9	154.3	116.8	491.6	121.8	576.0	25.9	1,479.3
Johnson	894.5	5,537.5	70.8	609.8	305.9	1,629.5	352.1	1,462.1	165.8	1,836.0
Knox	746.2	5,172.1	60.7	275.1	413.3	1,031.1	220.7	743.3	51.4	3,122.6
Lake	378.6	899.4	0.0	11.1	0.0	185.6	0.0	356.1	378.6	346.7
Lauderdale	195.9	4,607.1	0.0	120.8	2.9	523.9	6.7	753.1	186.4	3,209.3
Lawrence	0.0	7,232.2	0.0	691.6	0.0	2,241.1	0.0	2,325.8	0.0	1,973.6
Lewis	33.7	5,596.9	16.0	526.9	12.0	1,852.9	5.7	1,724.4	0.0	1,492.7
Lincoln	274.5	4,277.5	44.5	501.7	219.7	1,369.1	10.3	1,032.7	0.0	1,374.1
Loudon	663.1	2,301.3	23.3	183.2	285.6	319.2	313.8	431.1	40.5	1,367.8
McMinn	1,746.5	3,949.7	117.7	523.9	1,033.1	978.1	529.7	741.8	66.1	1,705.9
McNairy	1,307.1	6,334.3	105.4	851.1	706.5	2,246.0	354.4	1,936.6	140.8	1,300.7
Macon	5.0	3,040.3	0.0	188.5	5.0	843.8	0.0	1,036.7	0.0	971.3
Madison	168.0	7,447.3	22.3	292.2	100.9	1,172.9	44.8	1,958.5	0.0	4,023.8
Marion	766.7	9,005.3	52.7	1,127.4	277.4	2,228.4	271.6	2,230.8	165.0	3,418.7
Marshall	204.0	2,619.0	43.1	269.6	131.6	456.3	24.3	624.8	5.0	1,268.3
Maury	29.5	4,269.2	7.4	321.0	17.4	1,375.2	4.8	1,113.6	0.0	1,459.4
Meigs	842.4	2,580.8	21.8	214.0	537.2	723.5	270.3	847.9	13.1	795.5
Monroe	3,876.7	9,204.5	291.0	912.9	1,741.2	2,481.4	1,424.8	2,734.5	419.6	3,075.7
Montgomery	133.1	5,476.0	9.2	453.5	70.3	1,347.5	42.1	1,485.3	11.6	2,189.7
Moore	61.3	1,833.2	10.7	94.8	26.9	387.7	17.7	435.7	6.0	915.1
Morgan	1,579.7	10,252.0	97.2	1,302.0	598.8	2,884.6	608.2	2,352.7	275.5	3,712.7

Table 34. – *Wood and bark fresh weight of crowns in live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Obion	110.2	4,590.9	1.2	152.9	0.0	665.7	13.8	713.6	95.1	3,058.6
Overton	560.4	7,170.5	26.0	650.5	109.5	1,707.9	237.5	2,109.3	187.4	2,702.8
Perry	159.6	7,802.4	22.4	743.8	116.9	2,724.4	20.3	2,602.8	0.0	1,731.4
Pickett	160.2	3,176.3	6.5	320.9	57.4	838.2	48.5	607.9	47.8	1,409.2
Polk	3,787.4	4,502.0	219.2	616.0	1,613.6	1,282.7	1,243.6	1,091.6	711.0	1,511.7
Putnam	317.0	6,360.7	3.9	584.3	85.2	1,570.4	133.8	1,816.2	94.1	2,389.7
Rhea	921.2	4,608.9	19.1	393.7	615.6	1,366.8	191.2	1,108.6	95.4	1,739.8
Roane	621.2	6,349.8	17.2	573.0	206.3	2,089.6	322.2	1,648.1	75.4	2,039.1
Robertson	4.7	2,253.8	0.0	33.1	0.0	389.5	4.7	773.6	0.0	1,057.7
Rutherford	542.5	2,821.8	96.2	384.0	364.2	1,047.6	54.6	707.3	27.5	683.0
Scott	1,842.0	12,938.7	39.7	1,113.4	850.4	3,518.0	778.2	3,385.0	173.6	4,922.4
Sequatchie	1,248.2	3,850.1	72.5	544.7	641.8	1,257.0	373.6	939.9	160.4	1,108.5
Sevier	1,156.7	4,234.1	34.8	557.9	512.5	1,231.1	424.5	810.2	184.7	1,634.8
Shelby	27.0	6,214.7	3.5	280.6	8.9	1,434.0	4.3	1,427.2	10.3	3,072.8
Smith	130.6	3,328.7	15.9	224.2	107.2	1,002.0	7.5	695.9	0.0	1,406.5
Stewart	130.2	8,767.0	9.2	644.9	47.7	2,111.0	55.5	2,428.5	17.9	3,582.6
Sullivan	771.8	4,761.4	23.8	299.8	275.3	1,405.3	298.9	1,080.0	173.8	1,976.4
Sumner	70.3	2,870.9	0.5	151.4	65.9	590.5	3.9	756.7	0.0	1,372.2
Tipton	0.4	2,837.9	0.4	120.7	0.0	516.0	0.0	357.6	0.0	1,843.6
Trousdale	96.4	787.3	2.9	130.9	89.7	341.9	3.9	242.7	0.0	71.8
Unicoi	1,139.4	4,041.3	37.5	429.4	378.8	1,087.8	278.6	774.7	444.5	1,749.5
Union	481.5	3,543.2	37.1	334.3	173.9	710.9	236.3	831.8	34.2	1,666.2
Van Buren	917.3	4,263.7	57.5	476.8	539.3	1,201.1	231.1	1,132.5	89.4	1,453.3
Warren	13.2	4,451.5	0.0	407.2	13.2	1,294.8	0.0	1,246.5	0.0	1,503.0
Washington	391.7	2,727.5	4.5	179.5	118.3	550.1	95.0	528.8	173.9	1,469.0
Wayne	552.0	12,241.1	70.2	1,365.5	405.2	4,254.4	76.6	3,837.1	0.0	2,784.1
Weakley	276.4	4,659.6	0.0	100.0	108.6	883.4	148.9	949.6	18.9	2,726.6
White	673.9	5,623.9	59.2	458.9	508.9	998.8	94.6	1,454.9	11.3	2,711.3
Williamson	286.0	6,435.0	34.6	463.9	181.8	1,603.3	54.2	1,170.4	15.4	3,197.4
Wilson	422.8	1,810.9	119.1	152.7	228.5	733.8	54.8	399.1	20.5	525.4
All counties	54,321.9	510,618.2	3,613.6	44,384.1	25,898.3	134,386.2	17,389.4	132,278.4	7,420.6	199,569.4

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 35. – *Wood and bark dry weight of live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	1,910.5	12,841.4	9.3	1,421.4	489.9	2,343.2	1,095.4	3,768.2	315.9	5,308.6
Bedford	514.3	6,327.8	84.3	1,039.3	314.5	1,377.7	115.4	1,584.0	0.0	2,326.7
Benton	929.9	14,365.4	275.7	1,812.2	560.5	3,765.9	93.7	5,578.1	0.0	3,209.2
Bledsoe	3,754.0	11,011.9	365.9	1,808.7	1,781.9	3,430.1	1,288.2	3,441.8	317.9	2,331.2
Blount	2,015.2	5,628.9	146.1	683.9	704.9	1,348.5	850.5	1,747.7	313.6	1,848.8
Bradley	2,591.2	5,013.3	208.3	498.4	918.0	826.6	1,322.1	1,815.6	142.8	1,872.8
Campbell	2,779.4	25,199.9	128.4	2,428.1	939.1	5,024.2	1,353.3	7,397.2	358.6	10,350.4
Cannon	560.0	7,813.8	119.9	872.4	415.1	1,986.3	24.9	2,595.4	0.0	2,359.7
Carroll	951.3	17,794.2	146.0	2,134.6	208.4	4,756.4	322.7	6,573.4	274.1	4,329.9
Carter	2,117.4	18,787.6	116.6	1,340.6	524.3	4,168.4	547.0	5,807.1	929.4	7,471.5
Cheatam	277.0	12,638.7	20.9	1,625.6	107.5	2,520.1	59.0	4,238.9	89.7	4,254.2
Chester	1,730.3	6,915.6	121.9	1,032.9	605.7	2,083.6	732.9	2,109.9	269.9	1,689.2
Claiborne	579.3	16,646.1	22.7	2,081.9	205.8	3,768.0	285.1	4,941.7	65.7	5,854.5
Clay	299.1	7,072.2	151.3	1,162.3	81.0	2,672.0	66.7	2,017.6	0.0	1,220.2
Cocke	2,448.0	14,373.8	202.0	1,420.6	811.7	3,465.3	1,061.2	4,706.3	373.2	4,781.6
Coffee	0.0	12,794.4	0.0	1,112.4	0.0	2,949.8	0.0	4,058.4	0.0	4,673.8
Crockett	0.0	2,561.2	0.0	387.3	0.0	307.1	0.0	363.7	0.0	1,503.1
Cumberland	6,425.0	26,820.7	958.6	4,514.7	2,115.2	6,799.1	2,392.9	8,542.9	958.3	6,964.0
Davidson	491.0	10,501.9	217.1	1,351.3	206.9	2,261.2	48.6	2,677.5	18.5	4,211.8
Decatur	1,084.4	14,183.3	16.4	1,545.0	342.0	3,141.5	603.0	5,917.0	123.0	3,579.7
DeKalb	863.9	12,409.7	208.5	1,146.8	474.3	2,893.2	181.2	3,422.9	0.0	4,946.8
Dickson	132.7	18,127.9	85.0	2,475.8	47.7	3,387.5	0.0	6,856.5	0.0	5,408.1
Dyer	0.0	4,489.2	0.0	325.5	0.0	424.9	0.0	1,020.7	0.0	2,718.1
Fayette	1,477.1	16,522.1	430.8	1,555.5	706.2	3,099.9	309.0	5,030.4	31.2	6,836.2
Fentress	5,904.9	19,276.7	485.0	3,379.6	2,605.8	5,357.2	2,097.6	5,438.9	716.5	5,101.0
Franklin	305.3	14,976.9	91.6	2,178.1	166.1	3,117.0	47.6	4,409.2	0.0	5,272.6
Gibson	0.0	3,860.2	0.0	158.6	0.0	1,080.4	0.0	1,238.3	0.0	1,382.9
Giles	259.3	12,731.1	31.7	1,536.5	95.9	4,309.8	131.7	3,434.6	0.0	3,450.2
Grainger	904.1	11,094.1	88.8	1,408.1	371.2	2,480.9	380.7	3,093.4	63.3	4,111.7
Greene	2,127.7	16,965.1	342.9	1,667.4	801.8	3,607.7	618.5	4,220.4	364.6	7,469.6
Grundy	1,449.8	13,877.7	72.4	2,306.2	796.0	4,040.3	378.6	3,543.2	202.8	3,988.0

Table 35. – *Wood and bark dry weight in live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft‡	Hard‡	Soft†	Hard‡
	Million pounds									
Hamblen	877.4	3,896.1	38.1	106.7	322.8	739.9	477.3	795.8	39.1	2,253.7
Hamilton	4,322.4	15,843.2	332.4	2,590.1	1,404.6	2,978.1	2,123.4	4,098.1	462.0	6,176.8
Hancock	215.5	6,213.7	28.8	910.8	90.9	1,490.3	75.6	1,774.5	20.2	2,038.0
Hardeman	3,101.2	20,962.7	489.9	1,859.3	1,037.0	4,784.4	1,167.1	7,473.6	407.2	6,845.4
Hardin	3,401.7	16,073.8	499.5	1,761.9	1,829.0	4,520.8	944.8	4,878.9	128.4	4,912.2
Hawkins	1,688.1	15,320.5	333.0	1,934.7	739.6	3,406.8	475.0	4,648.5	140.5	5,330.6
Haywood	3.7	9,525.6	3.1	512.1	0.6	1,369.6	0.0	1,840.4	0.0	5,803.4
Henderson	2,432.2	14,586.3	260.4	937.6	1,150.9	3,397.9	954.3	5,227.9	66.6	5,023.0
Henry	189.2	17,571.3	33.7	1,235.5	59.8	3,494.9	95.7	5,669.9	0.0	7,171.0
Hickman	813.7	30,821.2	62.2	3,622.5	330.6	8,993.1	284.3	11,577.7	136.5	6,627.9
Houston	67.9	9,878.4	45.9	905.6	22.0	2,554.3	0.0	3,672.7	0.0	2,745.9
Humphreys	212.8	22,207.3	5.8	2,214.3	42.1	5,715.7	117.9	8,797.9	47.0	5,479.4
Jackson	603.6	13,459.5	106.5	1,506.6	301.2	2,861.9	155.8	4,092.7	40.1	4,998.3
Jefferson	691.8	6,414.5	14.2	509.0	235.7	1,137.4	363.0	1,617.1	78.8	3,150.9
Johnson	1,564.1	13,942.4	208.6	1,915.3	254.3	3,640.6	671.7	4,130.8	429.4	4,255.8
Knox	2,214.3	11,843.7	309.2	962.9	1,083.0	2,204.0	676.4	2,349.6	145.7	6,327.2
Lake	1,274.4	2,216.3	0.0	33.1	0.0	360.0	0.0	941.9	1,274.4	881.3
Lauderdale	845.7	9,689.7	0.0	398.6	17.9	1,227.8	41.0	2,083.8	786.8	5,979.6
Lawrence	0.0	16,809.5	0.0	2,050.2	0.0	4,415.6	0.0	6,245.3	0.0	4,098.4
Lewis	135.6	13,254.3	80.9	1,547.2	30.8	4,024.0	23.8	4,729.0	0.0	2,954.2
Lincoln	762.1	10,198.0	234.2	1,590.7	485.4	2,858.2	42.5	2,876.3	0.0	2,872.8
Loudon	2,051.5	4,874.2	125.2	578.4	769.9	731.7	1,053.8	1,103.2	102.6	2,460.8
McMinn	4,838.9	9,151.7	499.3	1,525.7	2,529.5	1,978.8	1,648.4	2,151.0	161.6	3,496.2
McNairy	4,120.2	14,766.3	546.1	2,781.2	1,622.8	4,329.4	1,468.2	5,082.3	483.1	2,573.3
Macon	14.0	7,591.1	0.0	553.1	14.0	1,689.5	0.0	3,013.2	0.0	2,335.4
Madison	534.5	15,637.5	115.9	948.7	225.8	2,585.7	192.7	5,310.3	0.0	6,792.8
Marion	2,204.1	22,228.8	254.1	3,532.0	605.4	4,738.5	940.1	6,729.1	404.5	7,229.2
Marshall	647.1	6,158.7	230.3	907.3	299.8	1,020.1	100.7	1,785.3	16.2	2,446.0
Maury	92.2	10,357.8	36.9	1,023.4	35.7	3,170.1	19.6	3,268.9	0.0	2,895.3
Meigs	2,621.5	5,911.2	109.4	759.7	1,422.7	1,378.9	1,041.8	2,333.8	47.6	1,438.7
Monroe	10,118.2	21,594.4	1,163.7	2,823.3	3,726.2	5,053.9	4,054.5	7,461.1	1,173.9	6,256.2
Montgomery	423.9	12,310.4	47.9	1,511.2	178.2	2,877.1	157.8	4,116.5	40.0	3,805.6
Moore	194.5	4,158.3	56.5	307.4	45.5	908.7	71.5	1,260.5	21.0	1,681.6
Morgan	3,980.3	23,905.0	332.7	4,298.5	1,253.4	5,829.6	1,639.4	6,179.9	754.9	7,597.1
Obion	510.5	9,957.0	11.5	519.2	0.0	1,496.6	96.0	2,058.5	403.0	5,882.6
Overton	1,513.7	18,133.2	124.6	1,940.9	267.0	3,635.2	663.7	6,244.1	458.4	6,312.9
Perry	439.0	19,454.3	102.0	2,290.4	264.3	6,216.1	72.7	7,423.5	0.0	3,524.3
Pickett	370.4	7,441.2	36.2	939.0	100.7	1,830.9	125.0	1,864.7	108.5	2,806.6
Polk	9,390.4	10,777.8	814.7	1,866.4	3,173.9	2,692.5	3,422.6	3,011.1	1,979.2	3,207.9
Putnam	908.7	14,846.1	16.0	1,734.1	229.8	3,275.8	415.0	4,818.8	248.0	5,017.3
Rhea	2,169.7	10,919.2	76.5	1,184.7	1,312.1	2,794.8	520.7	3,214.9	260.4	3,724.8
Roane	2,101.0	14,921.3	75.5	1,640.4	662.9	4,259.0	1,140.5	4,712.6	222.1	4,309.3
Robertson	19.6	5,135.8	0.0	102.7	0.0	795.4	19.6	2,037.8	0.0	2,199.9
Rutherford	1,511.7	6,658.4	506.9	1,300.0	700.3	2,205.3	217.0	1,838.8	87.5	1,314.3
Scott	4,527.8	30,332.5	155.3	3,537.5	1,804.5	7,182.1	2,134.3	9,549.3	433.7	10,063.7
Sequatchie	3,315.5	9,388.6	289.4	1,852.4	1,443.0	2,502.8	1,188.0	2,621.9	395.1	2,411.5
Sevier	3,289.0	10,630.5	158.9	1,847.1	1,364.4	2,652.1	1,257.9	2,436.7	507.7	3,694.5
Shelby	102.7	14,288.2	18.5	951.0	21.2	3,070.4	17.6	4,158.6	45.4	6,108.2
Smith	307.3	7,730.4	82.2	740.7	192.5	2,233.5	32.7	1,970.0	0.0	2,786.2
Stewart	395.5	19,705.7	47.1	1,729.7	70.8	4,414.0	217.2	6,381.6	60.4	7,180.5
Sullivan	1,826.4	11,764.9	91.2	977.2	478.6	3,198.8	758.0	3,274.5	498.5	4,314.4
Sumner	202.1	6,742.1	2.4	486.0	182.8	1,192.5	16.8	2,127.4	0.0	2,936.2
Tipton	1.9	5,669.1	1.9	446.7	0.0	1,020.2	0.0	1,052.4	0.0	3,149.9
Trousdale	231.8	2,005.6	14.9	416.5	200.5	729.0	16.4	706.4	0.0	153.7
Unicoi	2,128.0	9,802.7	177.3	1,416.1	337.7	2,298.3	461.4	2,283.0	1,151.6	3,805.3
Union	1,427.1	8,395.8	194.7	1,041.6	435.7	1,502.1	711.0	2,336.4	85.8	3,515.8
Van Buren	2,323.9	9,785.2	245.3	1,619.9	1,247.0	2,174.6	626.5	2,965.9	205.0	3,024.8
Warren	28.0	10,078.3	0.0	1,189.9	28.0	2,558.5	0.0	3,357.1	0.0	2,972.8
Washington	958.4	6,326.7	33.4	575.1	278.5	1,152.4	213.9	1,485.9	432.7	3,113.2
Wayne	1,504.7	29,317.9	357.7	4,327.8	820.6	9,137.2	326.5	10,535.9	0.0	5,317.1
Weakley	955.7	9,927.5	0.0	348.6	286.8	1,764.4	580.1	2,477.1	88.8	5,337.4
White	1,701.8	13,091.4	262.5	1,348.4	1,094.7	2,100.4	319.0	4,090.1	25.5	5,552.6
Williamson	943.2	14,030.7	185.4	1,506.9	483.2	3,451.8	222.4	3,269.3	52.2	5,802.7
Wilson	1,511.9	4,120.2	633.8	505.2	585.5	1,543.4	230.2	1,125.8	62.3	945.7
All counties	148,757.6	1,184,374.5	16,468.5	139,448.4	57,631.5	280,341.0	53,508.6	366,338.7	21,149.0	398,246.4

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 36. – *Wood and bark dry weight of stems in live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	1,554.0	9,759.6	8.7	1,307.7	394.0	1,703.6	899.1	3,009.9	252.3	3,738.4
Bedford	419.4	4,733.3	79.3	956.1	237.4	964.0	102.6	1,213.4	0.0	1,599.8
Benton	762.9	10,954.4	259.2	1,667.2	421.9	2,712.1	81.8	4,317.3	0.0	2,257.9
Bledsoe	3,096.7	8,510.7	344.0	1,664.0	1,403.4	2,488.8	1,084.3	2,724.0	264.9	1,633.9
Blount	1,719.5	4,328.7	137.3	629.2	593.3	988.5	724.6	1,389.5	264.3	1,321.5
Bradley	2,225.5	3,761.0	195.8	458.5	762.4	582.5	1,152.0	1,422.1	115.3	1,297.9
Campbell	2,341.9	19,197.2	120.7	2,233.9	781.0	3,655.9	1,151.8	5,864.7	288.4	7,442.8
Cannon	463.1	6,045.9	112.7	802.6	328.1	1,475.9	22.2	2,050.8	0.0	1,716.7
Carroll	817.8	13,578.5	137.2	1,963.9	166.6	3,432.8	280.3	5,156.0	233.6	3,025.8
Carter	1,740.9	14,491.8	109.8	1,233.4	410.5	3,093.9	437.3	4,596.3	783.3	5,568.2
Cheatam	236.4	9,739.1	19.6	1,495.5	86.7	1,859.1	52.2	3,375.3	77.9	3,009.1
Chester	1,479.5	5,340.8	114.6	950.2	479.0	1,547.2	651.7	1,665.4	234.2	1,177.9
Claiborne	494.9	12,747.3	21.3	1,915.4	164.9	2,691.3	253.6	3,940.5	55.0	4,200.2
Clay	266.7	5,385.9	142.3	1,069.3	67.4	1,913.9	57.1	1,576.5	0.0	826.2
Cocke	2,061.4	11,146.5	190.1	1,306.9	654.0	2,553.7	898.3	3,791.8	319.0	3,494.0
Coffee	0.0	9,512.1	0.0	1,023.4	0.0	2,137.5	0.0	3,163.2	0.0	3,187.9
Crockett	0.0	1,905.7	0.0	356.3	0.0	205.3	0.0	289.3	0.0	1,054.7
Cumberland	5,424.1	20,442.3	902.1	4,153.5	1,685.1	4,818.5	2,027.1	6,593.9	809.8	4,876.4
Davidson	436.4	7,702.0	204.1	1,243.2	173.9	1,592.0	42.5	2,062.5	15.9	2,804.2
Decatur	939.3	10,838.2	15.5	1,421.4	291.6	2,303.7	525.9	4,599.9	106.3	2,513.2
DeKalb	736.5	9,428.2	196.0	1,055.1	379.5	2,053.3	161.0	2,707.0	0.0	3,612.8
Dickson	116.7	13,672.8	79.9	2,277.7	36.8	2,400.2	0.0	5,283.7	0.0	3,711.3
Dyer	0.0	3,269.5	0.0	299.5	0.0	305.0	0.0	769.3	0.0	1,895.7
Fayette	1,262.1	12,223.3	404.9	1,431.1	561.1	2,272.1	269.3	3,937.3	26.8	4,582.9
Fentress	4,976.8	14,758.1	456.5	3,109.2	2,144.3	3,829.2	1,788.2	4,240.0	587.7	3,579.7
Franklin	259.7	11,316.5	86.1	2,003.8	131.0	2,212.1	42.5	3,408.3	0.0	3,692.3
Gibson	0.0	2,865.4	0.0	145.9	0.0	786.6	0.0	972.4	0.0	960.4
Giles	216.2	9,509.8	29.8	1,413.5	74.9	3,070.6	111.5	2,678.4	0.0	2,347.3
Grainger	771.3	8,624.7	83.4	1,295.4	310.0	1,772.6	327.1	2,489.4	50.8	3,067.3
Greene	1,840.9	12,765.0	322.3	1,534.0	669.9	2,613.2	541.5	3,315.3	307.1	5,302.5
Grundy	1,203.9	10,437.8	68.2	2,121.7	651.3	2,849.6	320.0	2,753.4	164.5	2,713.1
Hamblen	746.0	2,869.4	35.8	98.1	271.7	528.9	404.9	642.4	33.7	1,600.0
Hamilton	3,728.2	12,117.8	312.8	2,382.9	1,187.9	2,166.6	1,847.7	3,227.6	379.9	4,340.7
Hancock	180.7	4,770.1	27.1	838.0	72.5	1,072.2	65.0	1,413.8	16.2	1,446.1
Hardeman	2,682.7	15,753.6	460.5	1,710.6	835.1	3,511.4	1,032.2	5,821.7	354.9	4,709.9
Hardin	2,855.3	11,900.1	469.5	1,621.0	1,443.4	3,223.7	830.5	3,820.8	111.9	3,234.6
Hawkins	1,466.8	11,888.6	313.0	1,779.9	619.0	2,552.3	413.8	3,705.2	120.9	3,851.3
Haywood	3.5	6,775.7	2.9	471.1	0.6	1,002.5	0.0	1,468.6	0.0	3,833.5
Henderson	2,038.5	10,893.2	244.8	862.5	906.6	2,444.5	830.2	4,117.7	56.9	3,468.5
Henry	158.7	13,233.5	31.6	1,136.7	44.0	2,505.3	83.0	4,451.7	0.0	5,139.8
Hickman	684.9	23,545.5	58.5	3,332.7	274.3	6,482.6	238.0	9,015.6	114.2	4,714.6
Houston	63.0	7,448.2	43.2	833.1	19.8	1,820.8	0.0	2,859.0	0.0	1,935.1
Humphreys	174.2	16,719.5	5.4	2,037.2	29.2	4,045.2	100.5	6,785.9	39.1	3,851.3
Jackson	512.1	10,147.9	100.2	1,386.0	239.9	2,039.3	138.8	3,178.9	33.3	3,543.7
Jefferson	573.1	4,811.0	13.4	468.3	185.2	839.4	307.9	1,263.3	66.6	2,239.9
Johnson	1,289.8	10,901.2	196.1	1,762.1	180.2	2,705.9	547.9	3,274.6	365.5	3,158.6
Knox	1,898.1	8,934.8	290.7	885.9	910.4	1,613.4	576.0	1,926.7	121.1	4,508.8
Lake	1,062.5	1,567.6	0.0	30.5	0.0	231.4	0.0	684.6	1,062.5	621.1
Lauderdale	736.1	7,093.1	0.0	366.7	16.3	915.0	37.3	1,641.3	682.5	4,170.1
Lawrence	0.0	12,827.6	0.0	1,886.2	0.0	3,145.5	0.0	4,856.5	0.0	2,939.4
Lewis	122.9	10,113.6	76.1	1,423.5	25.6	2,926.0	21.2	3,688.9	0.0	2,075.3
Lincoln	646.0	7,718.3	220.2	1,463.4	388.1	2,038.8	37.7	2,212.9	0.0	2,003.2
Loudon	1,754.7	3,601.4	117.7	532.2	645.5	550.5	908.8	850.8	82.7	1,667.9
McMinn	4,100.6	7,057.3	469.4	1,403.6	2,090.1	1,441.6	1,411.9	1,706.8	129.3	2,505.3
McNairy	3,540.9	11,383.0	513.3	2,558.7	1,302.9	3,090.4	1,307.3	3,918.1	417.4	1,815.8
Macon	11.8	5,890.1	0.0	508.8	11.8	1,209.5	0.0	2,394.6	0.0	1,777.2
Madison	461.4	11,542.4	109.0	872.8	180.5	1,905.7	171.9	4,155.3	0.0	4,608.7
Marion	1,856.9	17,200.3	239.3	3,249.5	481.8	3,416.7	814.6	5,375.0	321.1	5,159.1
Marshall	561.6	4,653.3	216.5	834.7	241.6	743.9	89.6	1,406.9	13.9	1,667.8
Maury	80.1	7,863.1	34.7	941.5	27.9	2,318.9	17.4	2,589.3	0.0	2,013.5
Meigs	2,240.8	4,514.6	102.8	698.9	1,178.4	976.2	918.0	1,845.0	41.6	994.4
Monroe	8,578.3	16,581.6	1,095.5	2,597.4	3,046.1	3,668.8	3,440.4	5,853.3	996.3	4,462.1
Montgomery	363.2	9,255.8	45.0	1,390.3	146.2	2,117.8	137.6	3,212.0	34.4	2,535.7
Moore	168.1	3,067.7	53.1	282.8	33.4	663.9	63.4	984.6	18.2	1,136.3
Morgan	3,378.9	18,406.6	312.8	3,954.6	1,022.1	4,194.8	1,406.1	4,848.2	637.9	5,409.0

Table 36. – *Wood and bark dry weight of stems in live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Obion	448.9	7,207.3	10.8	477.6	0.0	1,102.6	88.3	1,584.3	349.8	4,042.7
Overton	1,259.9	14,198.4	117.1	1,785.7	220.9	2,649.5	556.0	5,027.0	365.9	4,736.3
Perry	371.4	15,034.6	95.9	2,107.2	212.1	4,576.5	63.4	5,851.0	0.0	2,499.9
Pickett	291.6	5,691.9	34.4	863.8	72.0	1,340.0	101.6	1,520.8	83.7	1,967.2
Polk	7,960.9	8,387.0	766.4	1,717.1	2,608.4	1,967.7	2,904.1	2,374.5	1,682.0	2,327.7
Putnam	763.7	11,320.8	15.0	1,595.4	193.2	2,352.1	353.7	3,744.8	201.8	3,628.5
Rhea	1,800.7	8,355.7	72.2	1,090.0	1,070.5	2,013.1	440.9	2,565.4	217.0	2,687.3
Roane	1,818.5	11,476.5	71.0	1,509.2	571.7	3,083.2	989.7	3,763.0	186.2	3,121.1
Robertson	17.5	3,809.2	0.0	94.5	0.0	571.9	17.5	1,577.7	0.0	1,565.0
Rutherford	1,281.0	5,026.0	476.4	1,196.0	538.0	1,531.7	191.9	1,395.9	74.6	902.5
Scott	3,836.9	23,068.4	146.4	3,254.4	1,511.9	5,193.3	1,818.8	7,503.9	359.8	7,116.7
Sequatchie	2,757.5	7,317.7	272.0	1,704.2	1,160.4	1,792.2	1,011.2	2,067.0	313.9	1,754.3
Sevier	2,782.9	8,284.2	149.5	1,699.4	1,147.2	1,928.4	1,068.4	1,955.3	417.8	2,701.2
Shelby	89.8	10,890.0	17.4	875.0	17.2	2,243.4	15.6	3,331.7	39.6	4,439.9
Smith	251.2	5,732.9	77.2	681.4	144.7	1,593.6	29.3	1,517.7	0.0	1,940.2
Stewart	337.6	14,805.8	44.2	1,591.3	49.4	3,216.3	191.9	4,942.6	52.1	5,055.7
Sullivan	1,543.1	8,998.4	85.8	899.0	387.3	2,356.8	640.1	2,600.8	429.9	3,141.7
Sumner	170.9	5,082.7	2.2	447.1	153.6	847.7	15.1	1,660.9	0.0	2,127.0
Tipton	1.8	4,176.0	1.8	411.0	0.0	737.6	0.0	853.8	0.0	2,173.6
Trousdale	189.4	1,574.2	14.0	383.2	160.7	525.4	14.7	555.7	0.0	109.9
Unicoi	1,763.7	7,594.8	167.3	1,302.8	244.9	1,684.6	375.1	1,840.8	976.4	2,766.6
Union	1,219.8	6,470.2	183.0	958.3	361.9	1,093.8	605.7	1,856.1	69.2	2,562.0
Van Buren	1,927.1	7,477.6	230.6	1,490.3	1,019.2	1,524.3	518.4	2,293.6	158.9	2,169.4
Warren	22.1	7,601.0	0.0	1,094.7	22.1	1,806.8	0.0	2,610.9	0.0	2,088.6
Washington	787.7	4,767.2	31.5	529.1	227.3	833.7	171.4	1,178.1	357.6	2,226.3
Wayne	1,267.1	22,490.1	336.2	3,981.6	639.0	6,647.8	291.9	8,227.2	0.0	3,633.4
Weakley	821.4	7,118.3	0.0	320.7	236.0	1,227.1	507.2	1,877.5	78.3	3,693.0
White	1,399.8	9,925.9	246.8	1,240.5	859.5	1,501.3	273.9	3,227.3	19.6	3,956.8
Williamson	819.2	10,332.1	174.3	1,386.3	402.3	2,473.3	197.6	2,568.8	45.0	3,903.7
Wilson	1,338.1	3,027.6	595.8	464.8	484.4	1,065.6	205.3	873.4	52.6	623.8
All counties	125,926.1	899,282.1	15,487.5	128,292.4	46,834.1	202,475.5	45,863.9	287,501.5	17,740.5	281,012.7

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 37. – *Wood and bark dry weight of crowns in live trees on timberland by county and diameter class, Tennessee, 1989**

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Anderson	356.5	3,081.8	0.6	113.7	95.9	639.6	196.4	758.3	63.6	1,570.2
Bedford	94.9	1,594.5	5.1	83.1	77.1	413.7	12.8	370.6	0.0	726.9
Benton	167.0	3,410.9	16.5	145.0	138.6	1,053.9	11.9	1,260.8	0.0	951.3
Bledsoe	657.3	2,501.2	22.0	144.7	378.5	941.4	203.9	717.9	53.0	697.3
Blount	295.7	1,300.2	8.8	54.7	111.6	359.9	126.0	358.2	49.4	527.3
Bradley	365.7	1,252.3	12.5	39.9	155.6	244.1	170.0	393.5	27.5	574.9
Campbell	437.4	6,002.7	7.7	194.3	158.1	1,368.3	201.5	1,532.6	70.1	2,907.6
Cannon	96.8	1,767.9	7.2	69.8	87.0	510.4	2.7	544.6	0.0	643.0
Carroll	133.5	4,215.7	8.8	170.8	41.8	1,323.6	42.4	1,417.3	40.5	1,304.0
Carter	376.5	4,295.9	6.8	107.3	113.8	1,074.5	109.7	1,210.8	146.1	1,903.4
Cheatam	40.6	2,899.7	1.3	130.0	20.8	661.0	6.8	863.6	11.8	1,245.1
Chester	250.8	1,574.8	7.3	82.6	126.7	536.4	81.1	444.5	35.7	511.3
Claiborne	84.4	3,898.8	1.4	166.6	40.9	1,076.7	31.6	1,001.2	10.6	1,654.3
Clay	32.4	1,686.3	9.1	93.0	13.7	758.2	9.6	441.1	0.0	394.0
Cocke	386.5	3,227.3	11.9	113.6	157.6	911.6	162.8	914.5	54.2	1,287.6
Coffee	0.0	3,282.4	0.0	89.0	0.0	812.2	0.0	895.2	0.0	1,485.9
Crockett	0.0	655.5	0.0	31.0	0.0	101.8	0.0	74.4	0.0	448.4
Cumberland	1,000.9	6,378.3	56.5	361.2	430.2	1,980.6	365.8	1,949.0	148.5	2,087.6
Davidson	54.7	2,799.8	13.0	108.1	33.0	669.2	6.1	615.0	2.5	1,407.6
Decatur	145.1	3,345.1	1.0	123.6	50.4	837.8	77.1	1,317.1	16.6	1,066.5
DeKalb	127.4	2,981.5	12.5	91.7	94.7	839.8	20.1	715.8	0.0	1,334.1
Dickson	16.0	4,455.1	5.1	198.1	10.9	987.3	0.0	1,572.8	0.0	1,696.9
Dyer	0.0	1,219.7	0.0	26.0	0.0	119.9	0.0	251.4	0.0	822.4
Fayette	215.1	4,298.8	25.8	124.4	145.0	827.9	39.7	1,093.1	4.5	2,253.3
Fentress	928.1	4,518.6	28.5	270.4	461.5	1,528.0	309.3	1,198.9	128.8	1,521.3
Franklin	45.7	3,660.4	5.5	174.2	35.1	904.9	5.1	1,000.9	0.0	1,580.3
Gibson	0.0	994.9	0.0	12.7	0.0	293.8	0.0	266.0	0.0	422.5
Giles	43.1	3,221.2	1.9	122.9	21.0	1,239.2	20.2	756.2	0.0	1,102.9
Grainger	132.8	2,469.5	5.3	112.6	61.3	708.4	53.6	604.0	12.6	1,044.4
Greene	286.9	4,200.1	20.6	133.4	131.8	994.5	77.0	905.1	57.5	2,167.1
Grundy	245.9	3,439.9	4.2	184.5	144.7	1,190.7	58.6	789.9	38.4	1,274.9

Table 37. – *Wood and bark dry weight of crowns in live trees on timberland by county and diameter class, Tennessee, 1989* – Continued*

County	All classes		Diameter class (*Inches at breast height*)							
			1.0 - 4.9		5.0 - 9.9		10.0 - 14.9		≥15.0	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
	Million pounds									
Hamblen	131.3	1,026.6	2.3	8.5	51.1	211.0	72.4	153.5	5.5	653.7
Hamilton	594.1	3,725.4	19.6	207.2	216.7	811.5	275.7	870.5	82.2	1,836.1
Hancock	34.7	1,443.6	1.7	72.9	18.4	418.1	10.6	360.7	4.0	591.9
Hardeman	418.4	5,209.1	29.4	148.7	201.9	1,273.0	134.8	1,651.9	52.3	2,135.5
Hardin	546.5	4,173.7	30.0	141.0	385.7	1,297.1	114.3	1,058.1	16.5	1,677.6
Hawkins	221.3	3,431.9	20.0	154.8	120.6	854.5	61.2	943.3	19.6	1,479.3
Haywood	0.2	2,749.8	0.2	41.0	0.0	367.1	0.0	371.8	0.0	1,969.9
Henderson	393.8	3,693.2	15.6	75.0	244.3	953.4	124.2	1,110.2	9.7	1,554.5
Henry	30.5	4,337.8	2.0	98.8	15.7	989.5	12.8	1,218.2	0.0	2,031.2
Hickman	128.7	7,275.7	3.7	289.8	56.3	2,510.6	46.3	2,562.1	22.3	1,913.2
Houston	4.9	2,430.3	2.8	72.4	2.1	733.4	0.0	813.7	0.0	810.7
Humphreys	38.7	5,487.8	0.3	177.1	13.0	1,670.5	17.5	2,012.0	7.9	1,628.2
Jackson	91.4	3,311.6	6.4	120.5	61.3	822.6	17.0	913.8	6.8	1,454.5
Jefferson	118.7	1,603.5	0.9	40.7	50.5	298.0	55.2	353.8	12.1	911.0
Johnson	274.3	3,041.2	12.5	153.2	74.1	934.7	123.8	856.1	63.9	1,097.2
Knox	316.2	2,909.0	18.6	77.0	172.6	590.5	100.4	423.0	24.6	1,818.5
Lake	211.8	648.7	0.0	2.7	0.0	128.6	0.0	257.2	211.8	260.2
Lauderdale	109.6	2,596.6	0.0	31.9	1.6	312.8	3.7	442.5	104.3	1,809.5
Lawrence	0.0	3,981.9	0.0	164.0	0.0	1,270.1	0.0	1,388.7	0.0	1,159.0
Lewis	12.7	3,140.7	4.9	123.8	5.2	1,098.0	2.6	1,040.0	0.0	878.9
Lincoln	116.1	2,479.7	14.1	127.3	97.3	819.4	4.7	663.4	0.0	869.6
Loudon	296.9	1,272.7	7.5	46.3	124.4	181.1	145.0	252.4	19.9	792.9
McMinn	738.3	2,094.5	30.0	122.1	439.4	537.2	236.6	444.2	32.3	991.0
McNairy	579.3	3,383.3	32.8	222.5	319.8	1,239.0	161.0	1,164.3	65.7	757.6
Macon	2.2	1,701.0	0.0	44.2	2.2	480.0	0.0	618.6	0.0	558.2
Madison	73.1	4,095.2	7.0	75.9	45.3	680.1	20.8	1,155.1	0.0	2,184.1
Marion	347.3	5,028.5	14.8	282.6	123.5	1,321.8	125.5	1,354.0	83.4	2,070.1
Marshall	85.5	1,505.3	13.8	72.6	58.2	276.1	11.1	378.4	2.4	778.2
Maury	12.1	2,494.6	2.2	81.9	7.7	851.3	2.2	679.6	0.0	881.9
Meigs	380.7	1,396.6	6.6	60.8	244.3	402.7	123.8	488.8	6.0	444.3
Monroe	1,539.9	5,012.8	68.1	225.9	680.1	1,385.0	614.0	1,607.8	177.6	1,794.1
Montgomery	60.7	3,054.6	2.9	120.9	32.0	759.3	20.2	904.5	5.5	1,269.9
Moore	26.4	1,090.6	3.4	24.6	12.1	244.8	8.1	276.0	2.8	545.3
Morgan	601.4	5,498.4	20.0	343.9	231.3	1,634.8	233.2	1,331.6	116.9	2,188.1
Obion	61.6	2,749.7	0.7	41.5	0.0	394.0	7.7	474.2	53.2	1,839.9
Overton	253.8	3,934.8	7.5	155.3	46.1	985.7	107.6	1,217.1	92.5	1,576.6
Perry	67.7	4,419.7	6.1	183.2	52.2	1,639.6	9.3	1,572.5	0.0	1,024.4
Pickett	78.8	1,749.3	1.8	75.1	28.7	490.9	23.5	343.9	24.9	839.4
Polk	1,429.5	2,390.8	48.3	149.3	565.5	724.7	518.5	636.7	297.1	880.1
Putnam	145.1	3,525.3	1.0	138.7	36.6	923.7	61.3	1,074.0	46.2	1,388.8
Rhea	369.0	2,563.5	4.3	94.8	241.6	781.7	79.8	649.5	43.3	1,037.6
Roane	282.4	3,444.8	4.5	131.2	91.2	1,175.8	150.8	949.6	35.8	1,188.2
Robertson	2.1	1,326.6	0.0	8.2	0.0	223.4	2.1	460.1	0.0	634.9
Rutherford	230.7	1,632.4	30.4	104.0	162.3	673.6	25.1	443.0	12.9	411.8
Scott	690.9	7,264.1	8.9	283.0	292.7	1,988.7	315.5	2,045.4	73.9	2,947.0
Sequatchie	558.0	2,070.9	17.4	148.2	282.6	710.6	176.8	554.9	81.2	657.2
Sevier	506.0	2,346.3	9.5	147.8	217.2	723.7	189.4	481.5	90.0	993.3
Shelby	12.8	3,398.2	1.1	76.1	4.0	827.0	2.0	826.9	5.8	1,668.2
Smith	56.1	1,997.5	4.9	59.3	47.8	639.9	3.4	452.4	0.0	846.0
Stewart	57.9	4,899.9	2.8	138.4	21.4	1,197.7	25.3	1,439.0	8.3	2,124.8
Sullivan	283.3	2,766.5	5.5	78.2	91.3	842.0	117.9	673.7	68.6	1,172.7
Sumner	31.2	1,659.4	0.1	38.9	29.2	344.7	1.8	466.6	0.0	809.3
Tipton	0.1	1,493.1	0.1	35.7	0.0	282.5	0.0	198.6	0.0	976.3
Trousdale	42.4	431.4	0.9	33.3	39.7	203.6	1.8	150.7	0.0	43.7
Unicoi	364.3	2,207.9	9.9	113.3	92.8	613.7	86.3	442.2	175.3	1,038.7
Union	207.3	1,925.6	11.7	83.3	73.8	408.2	105.3	480.3	16.6	953.8
Van Buren	396.9	2,307.7	14.7	129.6	227.9	650.4	108.1	672.3	46.1	855.4
Warren	5.9	2,477.3	0.0	95.2	5.9	751.7	0.0	746.2	0.0	884.2
Washington	170.7	1,559.5	1.9	46.0	51.2	318.7	42.5	307.9	75.1	886.9
Wayne	237.6	6,827.8	21.5	346.2	181.6	2,489.3	34.5	2,308.6	0.0	1,683.6
Weakley	134.2	2,809.2	0.0	27.9	50.8	537.4	72.9	599.5	10.6	1,644.4
White	302.1	3,165.5	15.8	107.9	235.2	599.1	45.1	862.8	6.0	1,595.7
Williamson	124.0	3,698.6	11.1	120.5	80.8	978.6	24.8	700.4	7.2	1,899.0
Wilson	173.7	1,092.5	38.0	40.4	101.1	477.8	24.9	252.4	9.7	321.9
All counties	22,831.6	285,092.4	980.9	11,155.9	10,797.5	77,865.6	7,644.7	78,837.2	3,408.5	117,233.7

*Numbers in columns and rows may not total due to rounding.
†Softwood species.
‡Hardwood species.

Table 38. – *Wood and bark fresh weight of live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Southern redcedar	33.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	38,278.4	12,307.4	2,255.1	14,948.5	7,554.1	1,161.4	51.8	0.0	0.0	0.0	0.0
Shortleaf pine	58,308.4	2,512.8	73.1	2,554.6	13,565.2	24,843.8	12,976.6	1,516.5	192.4	73.3	0.0
Table Mountain pine	1,458.6	127.6	0.0	277.6	774.8	246.1	32.6	0.0	0.0	0.0	0.0
Pitch pine	5,774.9	112.0	88.6	801.4	1,872.3	2,068.5	705.7	126.6	0.0	0.0	0.0
Eastern white pine	23,355.6	1,983.3	105.2	1,078.7	3,040.3	4,323.1	5,495.0	4,038.3	2,585.2	499.2	207.4
Loblolly pine	46,542.8	5,483.9	1,403.9	6,341.5	12,421.0	11,336.7	7,808.8	1,747.1	0.0	0.0	0.0
Virginia pine	108,988.8	7,955.5	458.2	7,957.7	31,352.6	40,903.2	18,135.2	2,226.5	0.0	0.0	0.0
Baldcypress	5,414.3	20.6	12.0	57.2	121.7	501.3	967.0	1,738.9	1,599.3	396.4	0.0
Eastern hemlock	16,201.6	2,172.7	94.8	1,469.8	1,940.7	3,466.2	3,854.6	2,187.9	783.5	231.5	0.0
Carolina hemlock	4.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	102.2	0.0	0.0	0.0	0.0	102.2	0.0	0.0	0.0	0.0	0.0
Boxelder	8,672.2	1,048.5	203.6	1,176.1	3,285.5	2,194.3	636.8	127.5	0.0	0.0	0.0
Black maple	748.8	197.4	0.0	98.1	115.3	206.2	131.9	0.0	0.0	0.0	0.0
Red maple	99,636.0	22,482.0	267.5	6,097.1	20,355.9	27,890.7	16,493.9	4,526.3	1,522.6	0.0	0.0
Silver maple	2,977.3	227.0	41.5	115.7	120.0	826.3	1,265.8	317.9	63.2	0.0	0.0
Sugar maple	82,619.1	12,681.3	266.7	3,331.3	14,001.3	20,581.2	18,298.4	8,474.9	4,414.7	569.3	0.0
Ohio buckeye	576.9	42.9	18.3	29.5	257.5	180.6	48.1	0.0	0.0	0.0	0.0
Yellow buckeye	3,665.5	181.4	0.0	223.6	530.7	883.8	1,146.3	524.3	175.4	0.0	0.0
Ailanthus, tree-of-heaven	4,003.6	747.8	13.6	435.2	995.2	1,270.6	418.8	56.3	66.0	0.0	0.0
Serviceberry	809.3	667.9	0.0	121.5	19.9	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	790.0	239.1	52.7	24.2	103.0	134.2	236.9	0.0	0.0	0.0	0.0
Sweet birch	6,995.1	1,273.3	45.3	582.5	1,928.1	1,452.3	1,426.1	219.4	68.2	0.0	0.0
River birch	5,353.7	577.7	0.0	208.4	668.6	1,670.9	1,174.4	1,053.7	0.0	0.0	0.0
Bumelia	14.8	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	5,403.5	3,067.7	159.5	1,191.0	776.6	208.7	0.0	0.0	0.0	0.0	0.0
Hickories	212,821.0	23,698.0	348.5	8,675.5	34,126.5	51,771.6	53,010.9	29,763.4	8,922.1	2,114.3	390.2
Water hickory	369.7	0.0	0.0	0.0	143.6	136.5	0.0	89.6	0.0	0.0	0.0
Pecan	561.5	11.9	0.0	0.0	36.9	0.0	164.2	169.6	178.9	0.0	0.0
Chinkapin	2.3	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	70.4	70.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	9.7	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	97.9	0.0	0.0	36.5	61.3	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	9,018.0	1,404.5	84.0	1,537.3	3,017.5	2,121.3	567.6	285.8	0.0	0.0	0.0
Hackberry	17,007.0	2,269.8	155.2	1,977.6	4,956.4	4,856.6	2,239.2	552.2	0.0	0.0	0.0
Eastern redbud	4,535.8	3,453.3	120.0	705.4	198.0	0.0	59.1	0.0	0.0	0.0	0.0
Flowering dogwood	35,346.3	30,526.1	1,368.0	3,134.3	257.0	0.0	61.0	0.0	0.0	0.0	0.0
American smoketree	23.8	2.0	0.0	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	417.5	394.2	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	7,443.9	2,182.7	65.9	844.9	2,229.2	1,122.8	501.1	497.2	0.0	0.0	0.0
American beech	65,839.8	3,207.3	154.0	1,728.0	6,561.7	15,369.5	21,545.2	10,080.4	4,952.2	2,120.8	120.7
White ash	35,139.9	6,216.2	117.2	2,373.2	6,205.0	8,993.3	6,033.6	3,231.0	1,521.0	66.3	383.1
Green ash	21,790.1	3,065.1	55.5	702.4	3,240.6	5,190.7	5,528.3	3,026.2	841.8	139.5	0.0
Blue ash	1,192.4	412.4	0.0	268.5	245.6	213.6	52.3	0.0	0.0	0.0	0.0
Waterlocust	595.7	249.2	0.0	56.9	73.8	77.8	138.0	0.0	0.0	0.0	0.0
Honeylocust	2,676.3	257.6	53.7	467.5	769.6	560.0	485.1	82.8	0.0	0.0	0.0
Kentucky coffeetree	68.6	1.0	0.0	12.9	0.0	0.0	54.6	0.0	0.0	0.0	0.0
Silverbell	153.6	4.6	0.0	0.0	0.0	39.3	28.1	39.8	41.7	0.0	0.0
American holly	994.7	617.0	48.7	198.4	86.4	44.2	0.0	0.0	0.0	0.0	0.0
Butternut	947.7	138.5	23.7	0.0	210.0	275.0	300.5	0.0	0.0	0.0	0.0
Black walnut	16,070.2	551.2	88.0	1,262.3	3,230.2	4,857.0	3,848.5	2,143.1	89.8	0.0	0.0
Sweetgum	69,858.7	6,188.8	190.0	2,287.8	6,868.3	15,864.8	20,359.2	13,134.3	4,277.6	194.7	493.2
Yellow-poplar	166,889.8	6,808.2	128.0	1,239.7	7,673.6	23,521.5	43,794.0	44,534.2	28,590.3	8,896.8	1,703.5
Osage-orange	3,793.4	1,439.7	336.1	1,094.6	845.3	77.8	0.0	0.0	0.0	0.0	0.0
Cucumbertree	4,358.9	333.7	0.0	131.2	487.4	1,087.7	1,175.6	692.5	450.8	0.0	0.0
Southern magnolia	103.1	0.0	0.0	27.5	75.5	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	186.3	45.3	0.0	19.9	79.9	0.0	0.0	41.3	0.0	0.0	0.0
Sweetbay	123.7	0.0	0.0	51.7	32.9	39.2	0.0	0.0	0.0	0.0	0.0

Table 38. – *Wood and bark fresh weight of live trees on timberland by species and height class, Tennessee, 1989* – Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	36.5	17.7	0.0	18.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	125.0	40.1	0.0	31.5	0.0	53.4	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,768.7	442.2	73.4	576.0	600.5	76.7	0.0	0.0	0.0	0.0	0.0
Water tupelo	1,799.8	107.8	0.0	114.2	389.7	793.1	124.4	270.6	0.0	0.0	0.0
Blackgum, black tupelo	46,259.8	10,873.7	657.6	4,973.6	11,268.2	10,738.6	5,717.4	1,757.1	273.6	0.0	0.0
Swamp tupelo	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	9,824.5	6,571.9	22.0	1,137.8	1,509.8	418.5	62.7	101.8	0.0	0.0	0.0
Sourwood	44,418.4	25,483.8	885.4	8,763.8	7,045.3	1,967.7	151.3	121.1	0.0	0.0	0.0
Royal paulownia	1,177.6	171.4	0.0	337.6	374.7	132.4	43.4	118.2	0.0	0.0	0.0
Water-elm	220.8	0.0	49.5	0.0	107.7	63.6	0.0	0.0	0.0	0.0	0.0
American sycamore	12,600.8	250.2	56.2	297.0	1,249.8	2,395.6	3,334.1	2,915.7	1,622.2	221.0	259.0
Eastern cottonwood	3,945.5	115.0	0.0	31.4	36.1	173.4	237.2	759.9	899.9	1,547.9	144.7
Black cherry	20,949.6	4,948.5	69.9	1,469.2	4,857.8	5,394.0	2,979.6	1,043.2	187.4	0.0	0.0
Plums§	345.2	345.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	281,467.9	19,562.4	430.6	8,981.3	38,397.0	79,666.6	84,061.6	40,038.8	8,933.0	1,134.6	261.9
Swamp white oak	110.5	0.0	0.0	0.0	48.5	0.0	62.0	0.0	0.0	0.0	0.0
Scarlet oak	93,727.8	2,953.5	95.2	2,183.8	19,593.8	34,022.6	26,600.5	6,536.4	1,115.2	483.4	143.5
Southern red oak	90,188.9	2,419.1	315.6	4,108.0	14,622.9	30,659.1	26,916.3	9,053.1	2,094.7	0.0	0.0
Cherrybark oak	28,169.8	107.9	0.0	324.3	1,964.2	6,034.0	7,321.4	7,139.0	3,327.8	1,604.7	346.6
Shingle oak	348.3	0.0	0.0	0.0	186.6	77.5	84.2	0.0	0.0	0.0	0.0
Turkey oak	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	2,028.8	112.3	47.1	29.8	165.0	477.4	445.1	445.0	307.2	0.0	0.0
Bur oak	177.0	0.0	0.0	0.0	0.0	0.0	81.4	95.6	0.0	0.0	0.0
Blackjack oak	3,376.8	521.1	184.4	949.6	1,440.7	220.1	61.1	0.0	0.0	0.0	0.0
Swamp chestnut oak	4,266.8	70.1	0.0	92.4	395.2	1,066.7	1,308.1	768.8	565.7	0.0	0.0
Chinkapin oak	16,211.0	1,837.4	62.9	1,727.4	4,984.0	4,823.0	2,013.1	678.0	0.0	85.3	0.0
Water oak	7,815.2	51.6	0.0	174.2	596.1	1,264.6	2,934.9	2,194.9	390.7	208.2	0.0
Nuttall oak	644.0	0.0	0.0	0.0	54.1	232.5	147.3	210.1	0.0	0.0	0.0
Pin oak	1,989.2	0.0	0.0	34.3	0.0	184.8	430.1	297.8	523.5	384.5	134.2
Willow oak	9,376.1	78.2	0.0	117.0	533.6	1,110.0	2,433.8	2,619.1	1,389.4	855.9	239.2
Chestnut oak	168,615.3	7,183.8	129.9	5,081.6	29,798.3	55,135.5	49,013.2	17,969.7	3,703.8	599.6	0.0
Northern red oak	87,510.1	2,091.8	37.8	1,231.3	7,922.1	22,920.4	29,890.4	17,054.0	5,336.5	960.5	65.1
Shumard oak	1,761.9	59.3	0.0	18.6	81.7	245.9	821.5	534.9	0.0	0.0	0.0
Post oak	51,723.3	2,407.0	174.7	5,070.4	15,937.1	19,400.6	7,079.7	1,485.6	168.3	0.0	0.0
Delta post oak	129.1	72.7	0.0	24.9	0.0	31.5	0.0	0.0	0.0	0.0	0.0
Black oak	98,069.5	1,908.8	125.5	1,315.9	11,628.2	30,091.4	31,707.3	15,736.0	5,012.7	543.7	0.0
Live oak	50.5	0.0	0.0	0.0	50.5	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	14,823.5	2,682.5	171.6	1,009.0	3,226.5	4,384.4	2,315.8	888.5	56.4	88.7	0.0
Black willow	5,561.9	251.9	0.0	232.4	663.2	1,268.5	1,721.0	905.8	519.2	0.0	0.0
Sassafras	21,400.9	5,981.7	113.9	1,484.6	4,367.5	6,273.3	2,251.5	803.1	125.2	0.0	0.0
American basswood	5,657.8	138.4	13.3	122.4	533.2	769.5	2,091.9	1,130.1	667.7	191.3	0.0
White basswood	442.7	12.8	0.0	0.0	83.6	66.8	80.7	198.8	0.0	0.0	0.0
Winged elm	15,397.5	5,246.5	334.5	2,372.0	3,609.7	2,266.0	1,224.1	344.7	0.0	0.0	0.0
American elm	14,776.2	2,648.7	128.1	1,682.1	3,459.4	3,873.4	1,932.0	704.1	241.0	107.4	0.0
Siberian elm	50.4	5.6	0.0	0.0	44.8	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	6,479.7	1,133.5	29.9	866.2	1,456.7	1,363.0	1,161.4	275.7	93.6	99.5	0.0
September elm	64.6	3.4	0.0	0.0	61.1	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	262.5	55.6	0.0	0.0	0.0	155.3	51.7	0.0	0.0	0.0	0.0
Tree sparkleberry	124.2	124.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	2,073.5	624.6	76.1	295.1	344.9	480.5	252.3	0.0	0.0	0.0	0.0
All species	2,383,591.1	279,445.1	13,204.9	135,255.7	391,202.2	613,444.4	550,396.1	272,440.7	98,891.4	24,418.4	4,892.2

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 39. — *Wood and bark fresh weight of stems in live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pound										
Southern redcedar	29.6	29.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	31,966.0	11,103.8	1,509.1	11,793.9	6,503.5	1,010.5	45.1	0.0	0.0	0.0	0.0
Shortleaf pine	50,474.5	2,270.9	52.7	1,968.4	11,428.9	21,827.1	11,388.0	1,317.9	160.2	60.2	0.0
Table Mountain pine	1,249.5	115.7	0.0	224.4	662.6	218.5	28.2	0.0	0.0	0.0	0.0
Pitch pine	4,913.0	101.1	56.8	624.8	1,602.4	1,804.4	616.2	107.5	0.0	0.0	0.0
Eastern white pine	17,254.7	1,681.6	16.9	370.1	1,645.2	3,069.8	4,315.3	3,353.8	2,190.9	431.8	179.2
Loblolly pine	37,918.9	4,903.0	859.0	4,302.0	10,071.1	9,581.1	6,703.5	1,499.1	0.0	0.0	0.0
Virginia pine	89,027.0	6,892.6	345.6	6,162.2	25,422.2	33,604.3	14,797.6	1,802.5	0.0	0.0	0.0
Baldcypress	4,654.7	19.4	10.7	52.5	110.6	446.8	853.9	1,494.0	1,337.9	328.8	0.0
Eastern hemlock	12,547.0	1,963.1	63.7	969.5	1,395.5	2,619.5	2,983.5	1,738.9	629.1	184.1	0.0
Carolina hemlock	4.2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	78.9	0.0	0.0	0.0	0.0	78.9	0.0	0.0	0.0	0.0	0.0
Boxelder	6,505.8	878.0	137.9	860.2	2,415.2	1,642.2	477.1	95.3	0.0	0.0	0.0
Black maple	517.3	157.6	0.0	47.4	87.4	143.4	81.5	0.0	0.0	0.0	0.0
Red maple	74,860.1	18,901.1	160.8	4,150.9	14,423.9	20,511.3	12,230.5	3,342.7	1,138.8	0.0	0.0
Silver maple	2,249.6	188.5	22.4	88.8	89.8	618.9	955.7	237.6	47.8	0.0	0.0
Sugar maple	59,858.3	10,168.1	163.5	2,082.4	9,888.9	15,242.7	13,231.8	5,874.3	2,855.4	351.2	0.0
Ohio buckeye	483.5	37.3	13.1	25.4	215.6	152.1	39.9	0.0	0.0	0.0	0.0
Yellow buckeye	2,995.8	159.6	0.0	161.5	414.1	742.1	949.3	427.4	141.8	0.0	0.0
Ailanthus, tree-of-heaven	3,176.8	645.1	7.3	309.7	750.7	1,020.1	343.0	46.1	54.7	0.0	0.0
Serviceberry	675.3	578.4	0.0	81.7	15.2	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	555.5	192.0	29.9	15.2	59.9	92.4	166.1	0.0	0.0	0.0	0.0
Sweet birch	4,825.9	1,021.7	23.3	358.1	1,249.2	970.1	1,000.5	154.6	48.3	0.0	0.0
River birch	3,757.0	463.8	0.0	122.5	435.8	1,155.5	833.2	746.1	0.0	0.0	0.0
Bumelia	12.7	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	4,065.9	2,457.4	98.2	794.8	563.0	152.5	0.0	0.0	0.0	0.0	0.0
Hickories	162,430.3	20,389.9	201.8	5,636.3	25,142.5	40,293.6	40,763.1	21,984.3	6,355.5	1,411.6	251.8
Water hickory	287.0	0.0	0.0	0.0	113.3	109.9	0.0	63.7	0.0	0.0	0.0
Pecan	385.8	10.4	0.0	0.0	29.7	0.0	125.3	112.7	107.7	0.0	0.0
Chinkapin	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	56.3	56.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	7.7	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	73.9	0.0	0.0	29.3	44.6	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	6,642.3	1,127.6	58.5	1,067.7	2,251.9	1,528.0	402.8	205.9	0.0	0.0	0.0
Hackberry	12,402.6	1,820.4	99.4	1,360.0	3,623.7	3,553.7	1,573.7	371.8	0.0	0.0	0.0
Eastern redbud	3,756.9	2,990.9	77.1	499.7	152.0	0.0	37.2	0.0	0.0	0.0	0.0
Flowering dogwood	27,430.7	24,458.0	808.6	1,943.9	172.8	0.0	47.4	0.0	0.0	0.0	0.0
American smoketree	19.8	1.7	0.0	18.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	327.9	315.8	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	5,430.0	1,749.8	36.5	536.1	1,536.7	832.5	383.2	355.2	0.0	0.0	0.0
American beech	44,222.1	2,570.8	88.3	1,108.6	4,616.9	10,914.2	14,222.1	6,306.7	3,005.1	1,311.5	77.9
White ash	26,767.0	4,984.5	77.1	1,670.0	4,568.0	6,839.0	4,630.0	2,489.7	1,166.9	50.8	291.1
Green ash	16,558.3	2,459.6	40.5	482.5	2,345.5	3,915.4	4,238.0	2,323.9	646.2	106.9	0.0
Blue ash	909.7	330.9	0.0	191.9	184.5	162.7	39.7	0.0	0.0	0.0	0.0
Waterlocust	430.0	200.4	0.0	34.6	55.2	50.6	89.1	0.0	0.0	0.0	0.0
Honeylocust	2,003.6	206.6	35.1	342.4	572.0	416.6	370.9	60.0	0.0	0.0	0.0
Kentucky coffeetree	55.6	0.9	0.0	9.8	0.0	0.0	45.0	0.0	0.0	0.0	0.0
Silverbell	118.1	3.9	0.0	0.0	0.0	25.2	23.3	31.8	33.9	0.0	0.0
American holly	821.9	534.2	29.1	153.2	70.4	35.0	0.0	0.0	0.0	0.0	0.0
Butternut	703.5	111.0	14.7	0.0	143.1	209.5	225.2	0.0	0.0	0.0	0.0
Black walnut	11,816.4	440.5	56.2	840.5	2,397.5	3,653.9	2,855.6	1,509.4	62.9	0.0	0.0
Sweetgum	57,428.4	5,519.4	142.5	1,551.4	5,262.0	13,363.3	17,126.2	10,686.3	3,267.1	147.9	362.4
Yellow-poplar	138,826.5	5,971.1	98.6	856.5	5,764.3	19,512.5	37,151.6	37,313.6	23,559.5	7,246.8	1,352.0
Osage-orange	2,814.3	1,155.8	205.7	779.0	613.7	60.2	0.0	0.0	0.0	0.0	0.0
Cucumbertree	3,634.3	293.6	0.0	82.9	380.1	907.5	1,002.2	584.8	383.2	0.0	0.0
Southern magnolia	72.7	0.0	0.0	17.9	54.9	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	141.2	39.3	0.0	11.1	56.9	0.0	0.0	33.9	0.0	0.0	0.0
Sweetbay	92.1	0.0	0.0	34.9	24.0	33.2	0.0	0.0	0.0	0.0	0.0

Table 39. — *Wood and bark fresh weight of stems in live trees on timberland by species and height class, Tennessee, 1989* — Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	27.8	14.2	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	102.1	34.6	0.0	23.4	0.0	44.1	0.0	0.0	0.0	0.0	0.0
Red mulberry	1,433.4	383.1	53.9	455.1	479.5	61.7	0.0	0.0	0.0	0.0	0.0
Water tupelo	1,439.8	94.8	0.0	85.6	315.0	627.3	98.3	218.8	0.0	0.0	0.0
Blackgum, black tupelo	31,779.0	6,565.5	346.8	2,946.0	7,793.6	8,096.6	4,438.5	1,376.6	215.3	0.0	0.0
Swamp tupelo	6.3	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	7,457.0	5,268.4	13.4	719.9	1,040.9	298.0	47.0	69.5	0.0	0.0	0.0
Sourwood	33,159.8	20,446.1	548.6	5,588.2	4,918.2	1,448.0	117.2	93.6	0.0	0.0	0.0
Royal paulownia	920.7	145.4	0.0	259.8	282.3	108.0	34.4	90.8	0.0	0.0	0.0
Water-elm	177.0	0.0	40.6	0.0	84.3	52.1	0.0	0.0	0.0	0.0	0.0
American sycamore	10,606.8	217.0	33.6	229.8	974.0	1,950.4	2,811.1	2,530.0	1,416.1	194.8	250.0
Eastern cottonwood	2,980.3	100.0	0.0	19.2	22.7	129.6	190.6	594.2	686.0	1,131.0	107.0
Black cherry	15,388.4	3,967.1	41.9	961.1	3,381.4	3,999.1	2,158.1	757.1	122.6	0.0	0.0
Plums§	276.3	276.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	201,334.1	16,177.6	238.9	5,556.9	26,911.9	58,458.1	60,139.1	27,094.6	5,877.3	712.6	167.1
Swamp white oak	82.0	0.0	0.0	0.0	36.8	0.0	45.2	0.0	0.0	0.0	0.0
Scarlet oak	68,680.9	2,502.0	59.7	1,470.2	14,210.3	25,222.6	19,430.1	4,623.1	755.2	309.0	98.7
Southern red oak	65,848.7	2,163.9	195.4	2,836.5	11,209.3	23,112.5	19,136.7	5,833.4	1,361.1	0.0	0.0
Cherrybark oak	19,094.2	96.8	0.0	223.5	1,480.0	4,585.7	4,998.1	4,529.9	2,111.4	898.6	170.2
Shingle oak	233.2	0.0	0.0	0.0	122.5	51.2	59.5	0.0	0.0	0.0	0.0
Turkey oak	1.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	1,341.1	91.6	33.5	21.6	109.3	342.9	287.2	273.2	181.7	0.0	0.0
Bur oak	113.3	0.0	0.0	0.0	0.0	0.0	56.4	56.9	0.0	0.0	0.0
Blackjack oak	2,785.1	431.3	134.5	784.5	1,203.9	179.5	51.4	0.0	0.0	0.0	0.0
Swamp chestnut oak	3,291.8	59.6	0.0	69.8	329.5	871.2	1,000.5	537.2	423.9	0.0	0.0
Chinkapin oak	11,545.2	1,518.2	39.2	1,141.5	3,481.8	3,436.8	1,418.9	456.2	0.0	52.5	0.0
Water oak	5,741.1	42.2	0.0	119.3	448.4	984.3	2,189.7	1,537.0	276.2	143.9	0.0
Nuttall oak	475.0	0.0	0.0	0.0	42.3	174.9	110.3	147.4	0.0	0.0	0.0
Pin oak	1,371.2	0.0	0.0	20.5	0.0	132.5	322.2	210.9	345.1	257.1	82.9
Willow oak	6,670.8	63.7	0.0	84.1	399.5	865.1	1,816.9	1,794.1	921.7	555.1	170.7
Chestnut oak	134,969.9	5,925.8	91.9	3,847.9	24,040.1	45,061.3	38,929.5	13,854.8	2,803.7	415.0	0.0
Northern red oak	66,945.0	1,874.3	28.9	873.4	6,039.4	17,884.7	22,885.6	12,754.8	3,885.1	674.1	44.8
Shumard oak	1,335.7	48.4	0.0	12.7	65.5	195.1	619.6	394.3	0.0	0.0	0.0
Post oak	36,174.6	1,839.1	100.4	3,217.5	11,158.1	13,762.5	4,953.5	1,025.0	118.6	0.0	0.0
Delta post oak	96.9	55.4	0.0	18.2	0.0	23.3	0.0	0.0	0.0	0.0	0.0
Black oak	74,419.5	1,735.1	85.0	929.0	9,097.7	23,722.8	23,741.6	11,215.2	3,520.3	372.6	0.0
Live oak	40.2	0.0	0.0	0.0	40.2	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	11,680.9	2,152.4	116.3	731.6	2,415.7	3,482.3	1,913.2	751.8	40.5	77.2	0.0
Black willow	4,366.5	218.3	0.0	173.9	500.9	1,017.7	1,360.2	707.9	387.6	0.0	0.0
Sassafras	17,293.7	5,185.2	71.1	1,053.9	3,299.7	5,055.6	1,874.0	652.1	102.1	0.0	0.0
American basswood	3,789.1	121.3	3.4	45.0	254.7	464.2	1,447.2	809.2	498.3	145.8	0.0
White basswood	277.7	11.3	0.0	0.0	27.5	21.6	63.8	153.4	0.0	0.0	0.0
Winged elm	12,365.7	4,543.1	201.9	1,661.3	2,808.6	1,858.4	1,005.3	287.1	0.0	0.0	0.0
American elm	11,947.1	2,296.2	95.3	1,242.1	2,746.9	3,185.5	1,559.2	557.5	187.8	76.6	0.0
Siberian elm	42.9	4.8	0.0	0.0	38.1	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	5,191.1	982.4	17.5	641.7	1,115.5	1,120.6	951.1	214.5	75.2	72.6	0.0
September elm	50.8	3.0	0.0	0.0	47.9	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	218.2	48.1	0.0	0.0	0.0	127.2	42.8	0.0	0.0	0.0	0.0
Tree sparkleberry	107.4	107.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	1,646.9	540.5	49.5	216.5	258.1	370.7	211.6	0.0	0.0	0.0	0.0
All species	1,818,651.0	231,059.6	8,293.7	93,119.4	292,859.0	475,706.2	419,907.3	202,874.1	73,505.7	17,720.2	3,605.9

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 40. – *Wood and bark fresh weight of crowns in live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Southern redcedar	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	6,312.4	1,203.6	746.1	3,154.6	1,050.6	150.9	6.7	0.0	0.0	0.0	0.0
Shortleaf pine	7,834.0	241.9	20.3	586.2	2,136.2	3,016.8	1,588.5	198.6	32.2	13.1	0.0
Table Mountain pine	209.1	11.9	0.0	53.2	112.1	27.6	4.4	0.0	0.0	0.0	0.0
Pitch pine	861.9	11.0	31.8	176.5	269.8	264.1	89.6	19.1	0.0	0.0	0.0
Eastern white pine	6,100.9	301.6	88.3	708.6	1,395.1	1,253.3	1,179.7	684.4	394.3	67.3	28.1
Loblolly pine	8,623.9	580.9	544.9	2,039.4	2,349.9	1,755.6	1,105.2	247.9	0.0	0.0	0.0
Virginia pine	19,961.8	1,062.9	112.5	1,795.5	5,930.4	7,298.9	3,337.5	424.1	0.0	0.0	0.0
Baldcypress	759.6	1.2	1.3	4.7	11.0	54.4	113.1	244.8	261.4	67.6	0.0
Eastern hemlock	3,654.7	209.6	31.1	500.3	545.2	846.7	871.1	449.0	154.4	47.4	0.0
Carolina hemlock	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	23.3	0.0	0.0	0.0	0.0	23.3	0.0	0.0	0.0	0.0	0.0
Boxelder	2,166.4	170.5	65.8	315.9	870.2	552.1	159.7	32.2	0.0	0.0	0.0
Black maple	231.6	39.8	0.0	50.7	27.9	62.8	50.4	0.0	0.0	0.0	0.0
Red maple	24,775.8	3,580.8	106.6	1,946.2	5,932.0	7,379.4	4,263.4	1,183.6	383.8	0.0	0.0
Silver maple	727.7	38.5	19.1	26.9	30.2	207.4	310.1	80.2	15.3	0.0	0.0
Sugar maple	22,760.8	2,513.3	103.2	1,248.9	4,112.5	5,338.5	5,066.5	2,600.6	1,559.3	218.0	0.0
Ohio buckeye	93.5	5.5	5.2	4.1	41.9	28.5	8.2	0.0	0.0	0.0	0.0
Yellow buckeye	669.7	21.8	0.0	62.1	116.6	141.8	197.0	96.8	33.6	0.0	0.0
Ailanthus, tree-of-heaven	826.8	102.7	6.3	125.5	244.5	250.5	75.8	10.2	11.3	0.0	0.0
Serviceberry	134.0	89.5	0.0	39.8	4.7	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	234.5	47.1	22.8	9.0	43.1	41.8	70.8	0.0	0.0	0.0	0.0
Sweet birch	2,169.2	251.6	21.9	224.4	678.8	482.2	425.6	64.8	19.9	0.0	0.0
River birch	1,596.6	113.9	0.0	85.8	232.8	515.4	341.1	307.6	0.0	0.0	0.0
Bumelia	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	1,337.6	610.3	61.3	396.2	213.6	56.2	0.0	0.0	0.0	0.0	0.0
Hickories	50,390.7	3,308.1	146.7	3,039.2	8,984.0	11,478.0	12,247.8	7,779.2	2,566.6	702.7	138.4
Water hickory	82.7	0.0	0.0	0.0	30.3	26.5	0.0	25.9	0.0	0.0	0.0
Pecan	175.7	1.5	0.0	0.0	7.2	0.0	38.9	56.9	71.2	0.0	0.0
Chinkapin	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	14.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	24.0	0.0	0.0	7.2	16.8	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	2,375.7	277.0	25.5	469.6	765.6	593.3	164.9	79.9	0.0	0.0	0.0
Hackberry	4,604.4	449.4	55.9	617.6	1,332.7	1,302.9	665.5	180.4	0.0	0.0	0.0
Eastern redbud	778.9	462.4	43.0	205.6	46.0	0.0	21.9	0.0	0.0	0.0	0.0
Flowering dogwood	7,915.6	6,068.1	559.3	1,190.4	84.2	0.0	13.6	0.0	0.0	0.0	0.0
American smoketree	4.0	0.3	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	89.6	78.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	2,014.0	433.0	29.4	308.9	692.5	290.4	117.9	141.9	0.0	0.0	0.0
American beech	21,617.7	636.5	65.7	619.3	1,944.8	4,455.3	7,323.1	3,773.7	1,947.1	809.4	42.8
White ash	8,372.9	1,231.7	40.2	703.1	1,637.0	2,154.3	1,403.6	741.3	354.2	15.5	92.0
Green ash	5,231.8	605.5	15.0	219.9	895.2	1,275.3	1,290.3	702.3	195.6	32.6	0.0
Blue ash	282.7	81.4	0.0	76.7	61.1	50.9	12.6	0.0	0.0	0.0	0.0
Waterlocust	165.7	48.7	0.0	22.3	18.6	27.2	48.8	0.0	0.0	0.0	0.0
Honeylocust	672.7	51.0	18.6	125.2	197.6	143.4	114.2	22.7	0.0	0.0	0.0
Kentucky coffeetree	12.9	0.1	0.0	3.2	0.0	0.0	9.6	0.0	0.0	0.0	0.0
Silverbell	35.4	0.6	0.0	0.0	0.0	14.2	4.8	8.0	7.8	0.0	0.0
American holly	172.7	82.9	19.6	45.2	16.0	9.1	0.0	0.0	0.0	0.0	0.0
Butternut	244.2	27.4	9.1	0.0	66.9	65.5	75.3	0.0	0.0	0.0	0.0
Black walnut	4,253.8	110.6	31.9	421.9	832.7	1,203.2	992.9	633.8	26.9	0.0	0.0
Sweetgum	12,430.3	669.4	47.5	736.4	1,606.3	2,501.5	3,233.0	2,448.0	1,010.6	46.8	130.8
Yellow-poplar	28,063.4	837.0	29.4	383.3	1,909.3	4,009.0	6,642.4	7,220.5	5,030.9	1,650.0	351.5
Osage-orange	979.1	283.9	130.5	315.6	231.5	17.7	0.0	0.0	0.0	0.0	0.0
Cucumbertree	724.6	40.1	0.0	48.3	107.3	180.1	173.4	107.7	67.6	0.0	0.0
Southern magnolia	30.3	0.0	0.0	9.7	20.7	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	45.2	5.9	0.0	8.8	23.0	0.0	0.0	7.4	0.0	0.0	0.0
Sweetbay	31.7	0.0	0.0	16.8	8.9	6.0	0.0	0.0	0.0	0.0	0.0

Table 40. – *Wood and bark fresh weight of crowns in live trees on timberland by species and height class, Tennessee, 1989** – *Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	8.7	3.6	0.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	22.9	5.4	0.0	8.1	0.0	9.3	0.0	0.0	0.0	0.0	0.0
Red mulberry	335.3	59.1	19.4	120.9	120.9	15.0	0.0	0.0	0.0	0.0	0.0
Water tupelo	360.0	13.0	0.0	28.6	74.7	165.8	26.1	51.8	0.0	0.0	0.0
Blackgum, black tupelo	14,480.7	4,308.1	310.8	2,027.6	3,474.6	2,642.0	1,278.9	380.5	58.3	0.0	0.0
Swamp tupelo	0.6	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	2,367.4	1,303.4	8.7	417.9	468.9	120.5	15.7	32.3	0.0	0.0	0.0
Sourwood	11,258.6	5,037.7	336.8	3,175.6	2,127.1	519.7	34.2	27.5	0.0	0.0	0.0
Royal paulownia	256.9	26.0	0.0	77.8	92.4	24.4	9.1	27.4	0.0	0.0	0.0
Water-elm	43.8	0.0	8.9	0.0	23.4	11.5	0.0	0.0	0.0	0.0	0.0
American sycamore	1,994.0	33.2	22.7	67.2	275.8	445.2	523.0	385.7	206.0	26.2	9.0
Eastern cottonwood	965.2	15.0	0.0	12.2	13.4	43.9	46.5	165.6	213.9	416.9	37.8
Black cherry	5,561.2	981.4	28.0	508.1	1,476.4	1,394.9	821.5	286.1	64.8	0.0	0.0
Plums§	69.0	69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	80,133.7	3,384.8	191.7	3,424.4	11,485.1	21,208.5	23,922.4	12,944.2	3,055.7	422.0	94.8
Swamp white oak	28.5	0.0	0.0	0.0	11.7	0.0	16.8	0.0	0.0	0.0	0.0
Scarlet oak	25,046.9	451.5	35.5	713.6	5,383.5	8,799.9	7,170.4	1,913.3	360.0	174.4	44.8
Southern red oak	24,340.2	255.3	120.3	1,271.5	3,413.7	7,546.7	7,779.6	3,219.7	733.5	0.0	0.0
Cherrybark oak	9,075.6	11.1	0.0	100.8	484.2	1,448.3	2,323.3	2,609.0	1,216.4	706.0	176.4
Shingle oak	115.1	0.0	0.0	0.0	64.1	26.3	24.7	0.0	0.0	0.0	0.0
Turkey oak	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	687.7	20.6	13.6	8.2	55.7	134.4	157.8	171.9	125.5	0.0	0.0
Bur oak	63.7	0.0	0.0	0.0	0.0	0.0	25.0	38.7	0.0	0.0	0.0
Blackjack oak	591.7	89.7	49.9	165.0	236.7	40.6	9.7	0.0	0.0	0.0	0.0
Swamp chestnut oak	975.0	10.4	0.0	22.6	65.6	195.4	307.6	231.6	141.8	0.0	0.0
Chinkapin oak	4,665.9	319.2	23.7	585.9	1,502.2	1,386.2	594.2	221.8	0.0	32.8	0.0
Water oak	2,074.0	9.5	0.0	54.8	147.6	280.2	745.2	657.9	114.5	64.3	0.0
Nuttall oak	169.0	0.0	0.0	0.0	11.8	57.6	37.0	62.7	0.0	0.0	0.0
Pin oak	617.9	0.0	0.0	13.7	0.0	52.3	107.9	86.9	178.4	127.4	51.2
Willow oak	2,705.3	14.5	0.0	33.0	134.1	244.9	616.9	825.0	467.7	300.8	68.5
Chestnut oak	33,645.4	1,258.0	38.0	1,233.7	5,758.2	10,074.1	10,083.7	4,114.9	900.1	184.6	0.0
Northern red oak	20,565.1	217.5	8.9	357.9	1,882.8	5,035.7	7,004.9	4,299.3	1,451.4	286.4	20.3
Shumard oak	426.3	10.9	0.0	5.8	16.2	50.8	201.9	140.5	0.0	0.0	0.0
Post oak	15,548.7	567.9	74.3	1,852.9	4,779.1	5,638.1	2,126.2	460.6	49.7	0.0	0.0
Delta post oak	32.2	17.3	0.0	6.7	0.0	8.2	0.0	0.0	0.0	0.0	0.0
Black oak	23,650.0	173.7	40.5	386.8	2,530.5	6,368.5	7,965.7	4,520.8	1,492.3	171.1	0.0
Live oak	10.3	0.0	0.0	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	3,142.6	530.1	55.3	277.4	810.9	902.1	402.6	136.8	15.9	11.5	0.0
Black willow	1,195.4	33.6	0.0	58.5	162.3	250.8	360.8	197.9	131.5	0.0	0.0
Sassafras	4,107.1	796.5	42.8	430.7	1,067.8	1,217.8	377.5	151.0	23.1	0.0	0.0
American basswood	1,868.7	17.1	9.9	77.4	278.5	305.3	644.7	320.9	169.4	45.5	0.0
White basswood	165.0	1.5	0.0	0.0	56.1	45.1	16.9	45.4	0.0	0.0	0.0
Winged elm	3,031.8	703.4	132.5	710.7	801.1	407.6	218.8	57.5	0.0	0.0	0.0
American elm	2,829.1	352.5	32.8	440.0	712.5	687.9	372.8	146.6	53.2	30.8	0.0
Siberian elm	7.5	0.8	0.0	0.0	6.7	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	1,288.6	151.1	12.4	224.5	341.2	242.4	210.3	61.2	18.4	26.9	0.0
September elm	13.7	0.5	0.0	0.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	44.4	7.4	0.0	0.0	0.0	28.1	8.9	0.0	0.0	0.0	0.0
Tree sparkleberry	16.9	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	426.5	84.1	26.6	78.5	86.8	109.8	40.7	0.0	0.0	0.0	0.0
All species	564,940.1	48,385.6	4,911.1	42,136.3	98,343.2	137,738.3	130,488.8	69,566.6	25,385.7	6,698.2	1,286.3

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 41.—*Wood and bark dry weight of live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Southern redcedar	17.4	17.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	19,155.2	6,375.7	1,132.7	7,375.8	3,682.3	563.6	25.0	0.0	0.0	0.0	0.0
Shortleaf pine	28,303.4	1,293.4	36.6	1,260.8	6,603.3	11,997.5	6,253.0	730.2	93.1	35.5	0.0
Table Mountain pine	713.1	64.8	0.0	136.6	377.3	118.7	15.8	0.0	0.0	0.0	0.0
Pitch pine	2,813.0	58.0	44.5	395.3	911.2	1,002.2	340.4	61.3	0.0	0.0	0.0
Eastern white pine	10,260.3	794.0	41.5	427.0	1,230.8	1,838.0	2,451.5	1,881.3	1,244.0	249.6	102.7
Loblolly pine	23,325.0	2,813.5	715.5	3,210.9	6,223.3	5,641.0	3,862.1	858.6	0.0	0.0	0.0
Virginia pine	53,417.8	3,976.3	223.4	3,835.3	15,101.7	20,056.4	9,092.8	1,132.0	0.0	0.0	0.0
Baldcypress	3,029.1	11.5	6.7	32.0	68.1	280.4	541.0	972.8	894.8	221.8	0.0
Eastern hemlock	7,720.8	1,120.5	46.8	718.6	929.2	1,633.0	1,798.0	1,009.5	359.2	106.1	0.0
Carolina hemlock	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	58.9	0.0	0.0	0.0	0.0	58.9	0.0	0.0	0.0	0.0	0.0
Boxelder	4,848.1	594.4	111.2	647.1	1,824.9	1,231.3	366.1	73.1	0.0	0.0	0.0
Black maple	431.9	111.2	0.0	56.9	68.0	120.1	75.7	0.0	0.0	0.0	0.0
Red maple	56,016.5	12,747.6	145.2	3,343.0	11,254.5	15,639.4	9,385.2	2,610.5	891.2	0.0	0.0
Silver maple	1,695.5	128.6	22.5	63.9	66.5	468.1	725.9	182.9	37.1	0.0	0.0
Sugar maple	48,373.5	7,259.0	155.1	1,942.9	8,230.7	12,147.0	10,769.9	4,966.3	2,573.3	329.3	0.0
Ohio buckeye	280.5	19.6	8.8	14.3	125.0	88.9	23.9	0.0	0.0	0.0	0.0
Yellow buckeye	1,805.0	85.3	0.0	108.3	257.8	434.5	568.4	262.4	88.3	0.0	0.0
Ailanthus, tree-of-heaven	2,103.2	405.5	7.3	230.2	522.5	660.1	214.8	29.2	33.5	0.0	0.0
Serviceberry	438.9	364.0	0.0	64.4	10.5	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	463.7	137.7	31.4	14.3	61.2	79.2	139.8	0.0	0.0	0.0	0.0
Sweet birch	4,127.8	730.8	27.0	346.7	1,146.0	862.1	845.2	129.7	40.3	0.0	0.0
River birch	3,161.4	332.3	0.0	124.1	397.1	991.0	694.9	622.0	0.0	0.0	0.0
Bumelia	8.3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	3,117.1	1,749.4	92.3	695.3	456.7	123.4	0.0	0.0	0.0	0.0	0.0
Hickories	134,498.3	14,652.0	218.0	5,465.0	21,639.8	32,937.1	33,644.2	18,783.7	5,602.2	1,314.7	241.6
Water hickory	234.5	0.0	0.0	0.0	91.1	87.3	0.0	56.2	0.0	0.0	0.0
Pecan	349.1	7.2	0.0	0.0	23.5	0.0	104.0	105.2	109.2	0.0	0.0
Chinkapin	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	40.0	40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	5.4	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	50.2	0.0	0.0	19.2	31.0	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	5,281.5	807.6	48.8	899.2	1,778.7	1,246.2	332.7	168.2	0.0	0.0	0.0
Hackberry	9,947.2	1,300.3	89.9	1,155.1	2,912.0	2,856.5	1,311.1	322.4	0.0	0.0	0.0
Eastern redbud	2,450.6	1,877.8	64.2	373.5	104.0	0.0	31.1	0.0	0.0	0.0	0.0
Flowering dogwood	20,231.0	17,429.6	791.4	1,823.1	150.6	0.0	36.3	0.0	0.0	0.0	0.0
American smoketree	12.4	1.1	0.0	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	238.3	224.9	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	4,341.7	1,248.2	38.0	492.4	1,309.1	664.2	297.4	292.4	0.0	0.0	0.0
American beech	38,373.7	1,833.2	89.2	1,006.4	3,853.0	9,033.1	12,563.4	5,837.2	2,859.7	1,228.1	70.2
White ash	24,972.6	3,558.4	85.9	1,749.8	4,597.7	6,673.3	4,473.1	2,383.9	1,122.4	48.4	279.7
Green ash	15,641.2	1,759.5	41.2	517.6	2,399.3	3,856.2	4,103.7	2,239.4	621.5	102.8	0.0
Blue ash	814.6	236.8	0.0	198.0	181.8	158.9	39.1	0.0	0.0	0.0	0.0
Waterlocust	347.0	144.4	0.0	33.2	43.8	45.9	79.8	0.0	0.0	0.0	0.0
Honeylocust	1,574.3	147.6	31.1	274.1	454.0	330.7	288.0	48.8	0.0	0.0	0.0
Kentucky coffeetree	35.2	0.6	0.0	6.8	0.0	0.0	27.8	0.0	0.0	0.0	0.0
Silverbell	77.9	2.5	0.0	0.0	0.0	19.7	14.6	20.0	21.0	0.0	0.0
American holly	534.2	336.8	26.1	104.5	44.6	22.3	0.0	0.0	0.0	0.0	0.0
Butternut	556.8	79.3	13.7	0.0	122.9	162.9	178.0	0.0	0.0	0.0	0.0
Black walnut	9,465.5	316.5	51.0	737.8	1,903.6	2,870.9	2,273.6	1,259.3	52.7	0.0	0.0
Sweetgum	33,497.4	2,940.1	90.5	1,091.1	3,284.5	7,611.3	9,781.7	6,312.4	2,055.2	93.6	237.0
Yellow-poplar	82,185.1	3,175.7	61.9	599.6	3,719.2	11,438.0	21,494.6	22,075.4	14,287.0	4,469.9	863.8
Osage-orange	2,205.8	827.9	194.8	641.1	495.9	46.2	0.0	0.0	0.0	0.0	0.0
Cucumbertree	2,123.1	156.8	0.0	63.4	235.8	528.9	573.4	342.3	222.5	0.0	0.0
Southern magnolia	53.8	0.0	0.0	14.0	39.8	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	97.8	24.2	0.0	10.6	42.0	0.0	0.0	21.0	0.0	0.0	0.0
Sweetbay	65.1	0.0	0.0	27.4	17.4	20.3	0.0	0.0	0.0	0.0	0.0

Table 41. – *Wood and bark dry weight of live trees on timberland by species and height class, Tennessee, 1989* – Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	21.0	10.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	66.0	22.1	0.0	16.7	0.0	27.2	0.0	0.0	0.0	0.0	0.0
Red mulberry	933.7	240.3	38.9	302.1	312.4	40.0	0.0	0.0	0.0	0.0	0.0
Water tupelo	925.9	57.8	0.0	59.8	201.1	406.2	63.5	137.5	0.0	0.0	0.0
Blackgum, black tupelo	23,922.4	5,314.7	329.7	2,525.9	5,838.1	5,699.4	3,097.9	965.0	151.6	0.0	0.0
Swamp tupelo	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	5,663.5	3,758.6	12.7	662.8	886.0	246.8	37.1	59.5	0.0	0.0	0.0
Sourwood	25,713.9	14,633.3	512.7	5,105.9	4,137.4	1,162.6	90.0	72.1	0.0	0.0	0.0
Royal paulownia	651.8	94.7	0.0	185.1	207.0	71.2	24.5	69.4	0.0	0.0	0.0
Water-elm	112.2	0.0	25.6	0.0	54.3	32.4	0.0	0.0	0.0	0.0	0.0
American sycamore	5,731.3	135.1	25.6	134.8	567.1	1,085.6	1,509.9	1,320.9	734.8	100.1	117.4
Eastern cottonwood	1,952.7	61.3	0.0	16.7	19.1	86.1	119.9	379.4	444.9	754.6	70.6
Black cherry	12,243.2	2,830.2	40.5	857.4	2,852.9	3,184.0	1,754.4	614.9	108.9	0.0	0.0
Plums§	196.1	196.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	167,779.8	11,779.5	256.6	5,366.1	22,981.9	47,606.4	50,032.6	23,671.7	5,265.6	665.4	153.9
Swamp white oak	66.1	0.0	0.0	0.0	29.1	0.0	37.0	0.0	0.0	0.0	0.0
Scarlet oak	53,700.3	1,706.6	55.0	1,261.1	11,323.7	19,544.1	15,161.3	3,682.2	623.2	262.8	80.2
Southern red oak	40,540.6	1,458.5	80.5	1,316.2	5,712.9	13,739.3	12,774.6	4,398.7	1,060.0	0.0	0.0
Cherrybark oak	13,151.7	65.1	0.0	97.7	748.5	2,670.9	3,441.4	3,460.0	1,683.4	809.2	175.5
Shingle oak	143.0	0.0	0.0	0.0	68.6	34.7	39.7	0.0	0.0	0.0	0.0
Turkey oak	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	1,197.4	67.5	28.1	17.8	98.5	284.1	261.5	261.0	178.8	0.0	0.0
Bur oak	103.9	0.0	0.0	0.0	0.0	0.0	48.3	55.7	0.0	0.0	0.0
Blackjack oak	2,055.1	313.8	114.0	581.6	875.9	133.0	36.8	0.0	0.0	0.0	0.0
Swamp chestnut oak	2,567.6	42.3	0.0	56.9	241.1	645.1	785.2	458.7	338.3	0.0	0.0
Chinkapin oak	9,661.2	1,106.3	37.6	1,031.0	2,970.2	2,870.4	1,195.3	400.5	0.0	49.9	0.0
Water oak	4,370.4	29.0	0.0	100.1	344.6	727.6	1,649.8	1,193.0	213.7	112.8	0.0
Nuttall oak	360.6	0.0	0.0	0.0	31.0	132.5	82.7	114.4	0.0	0.0	0.0
Pin oak	1,076.0	0.0	0.0	19.6	0.0	102.2	241.6	162.9	276.3	204.7	68.7
Willow oak	5,158.8	43.1	0.0	67.2	307.6	639.2	1,370.8	1,414.4	735.9	448.8	131.9
Chestnut oak	101,879.6	4,325.0	80.2	3,120.8	18,150.9	33,351.1	29,502.4	10,776.6	2,215.8	356.7	0.0
Northern red oak	49,512.9	1,219.3	21.8	707.4	4,515.0	12,978.1	16,875.4	9,613.5	3,005.1	540.6	36.6
Shumard oak	998.1	35.7	0.0	10.7	46.4	139.2	464.5	301.6	0.0	0.0	0.0
Post oak	31,734.3	1,501.8	108.5	3,130.4	9,777.8	11,872.7	4,331.8	908.7	102.6	0.0	0.0
Delta post oak	79.8	45.2	0.0	15.3	0.0	19.2	0.0	0.0	0.0	0.0	0.0
Black oak	55,624.4	1,110.2	72.9	763.0	6,713.8	17,202.4	17,892.1	8,781.4	2,787.9	300.9	0.0
Live oak	29.0	0.0	0.0	0.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	9,653.8	1,540.9	115.1	678.8	2,167.3	2,936.4	1,537.6	582.8	37.5	57.4	0.0
Black willow	2,835.5	136.6	0.0	121.2	346.9	653.0	869.5	453.1	255.2	0.0	0.0
Sassafras	11,252.0	3,241.2	60.9	784.5	2,288.6	3,251.0	1,156.6	406.0	63.3	0.0	0.0
American basswood	2,688.8	69.5	6.4	53.6	252.8	360.9	997.3	533.7	318.9	95.7	0.0
White basswood	212.9	6.5	0.0	0.0	38.6	30.7	38.2	98.8	0.0	0.0	0.0
Winged elm	8,147.2	2,850.1	178.9	1,255.9	1,890.5	1,171.0	625.0	175.8	0.0	0.0	0.0
American elm	7,679.9	1,434.7	68.0	885.1	1,799.1	1,989.8	978.4	352.9	120.0	52.0	0.0
Siberian elm	26.3	3.1	0.0	0.0	23.2	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	3,379.2	614.9	16.1	456.7	763.5	704.0	591.1	137.5	47.0	48.5	0.0
September elm	33.7	1.9	0.0	0.0	31.8	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	135.9	30.2	0.0	0.0	0.0	79.3	26.4	0.0	0.0	0.0	0.0
Tree sparkleberry	68.4	68.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	1,098.9	341.7	40.6	155.7	181.0	250.4	129.5	0.0	0.0	0.0	0.0
All species	1,333,132.1	156,884.9	7,124.6	74,290.0	218,848.6	344,805.0	309,708.5	151,803.6	53,977.0	13,059.9	2,630.0

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 42 .—*Wood and bark dry weight of stems in live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Southern redcedar	16.4	16.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	16,485.4	5,993.1	795.3	5,969.7	3,210.6	494.7	22.0	0.0	0.0	0.0	0.0
Shortleaf pine	24,833.3	1,215.8	27.5	1,000.2	5,660.8	10,649.5	5,532.7	639.3	78.1	29.4	0.0
Table Mountain pine	621.0	60.9	0.0	112.9	327.1	106.3	13.8	0.0	0.0	0.0	0.0
Pitch pine	2,426.1	54.6	30.0	316.5	790.8	882.2	299.6	52.5	0.0	0.0	0.0
Eastern white pine	8,791.4	746.3	28.2	318.2	980.9	1,541.5	2,107.4	1,648.5	1,103.8	224.6	92.1
Loblolly pine	19,341.4	2,644.7	458.5	2,253.5	5,116.6	4,803.7	3,327.2	737.2	0.0	0.0	0.0
Virginia pine	44,952.6	3,737.7	174.3	3,072.8	12,582.7	16,863.8	7,584.4	937.0	0.0	0.0	0.0
Baldcypress	2,604.2	10.8	6.0	29.4	61.9	250.0	477.7	835.9	748.5	183.9	0.0
Eastern hemlock	5,851.8	1,060.7	29.8	451.0	638.8	1,186.7	1,343.7	778.5	280.6	82.0	0.0
Carolina hemlock	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	45.5	0.0	0.0	0.0	0.0	45.5	0.0	0.0	0.0	0.0	0.0
Boxelder	3,699.6	546.8	75.1	473.7	1,347.4	926.7	275.0	54.9	0.0	0.0	0.0
Black maple	308.0	102.3	0.0	27.4	51.0	82.0	45.4	0.0	0.0	0.0	0.0
Red maple	43,257.5	11,726.7	86.8	2,276.3	8,000.7	11,567.4	6,996.7	1,935.3	667.5	0.0	0.0
Silver maple	1,295.8	117.1	12.1	49.2	50.0	351.7	550.2	137.4	28.1	0.0	0.0
Sugar maple	35,546.5	6,677.4	94.6	1,209.2	5,780.2	8,908.5	7,677.6	3,377.2	1,625.0	197.0	0.0
Ohio buckeye	238.2	18.0	6.3	12.4	105.7	75.6	20.1	0.0	0.0	0.0	0.0
Yellow buckeye	1,492.1	78.4	0.0	78.6	202.8	368.4	475.4	216.2	72.1	0.0	0.0
Ailanthus, tree-of-heaven	1,692.8	370.7	4.0	164.2	395.1	530.9	176.1	24.0	27.8	0.0	0.0
Serviceberry	386.4	334.9	0.0	43.5	8.0	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	339.7	126.7	17.8	9.0	35.6	53.8	96.9	0.0	0.0	0.0	0.0
Sweet birch	2,926.3	672.3	13.9	212.7	740.9	574.9	592.2	91.1	28.3	0.0	0.0
River birch	2,249.1	305.7	0.0	72.8	258.3	683.9	491.2	437.1	0.0	0.0	0.0
Bumelia	7.6	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	2,547.5	1,609.5	56.6	462.3	329.4	89.7	0.0	0.0	0.0	0.0	0.0
Hickories	103,597.9	13,477.8	126.4	3,558.2	15,988.8	25,693.6	25,890.9	13,856.6	3,978.8	872.3	154.5
Water hickory	182.2	0.0	0.0	0.0	71.9	70.5	0.0	39.8	0.0	0.0	0.0
Pecan	239.2	6.6	0.0	0.0	18.9	0.0	79.3	69.3	65.0	0.0	0.0
Chinkapin	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	36.8	36.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	5.0	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	37.9	0.0	0.0	15.5	22.4	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	3,952.1	743.0	33.9	620.8	1,317.3	885.5	232.4	119.3	0.0	0.0	0.0
Hackberry	7,336.3	1,196.2	57.2	790.2	2,110.2	2,064.2	905.8	212.4	0.0	0.0	0.0
Eastern redbud	2,133.6	1,726.9	41.4	265.4	80.1	0.0	19.7	0.0	0.0	0.0	0.0
Flowering dogwood	17,753.4	16,032.1	466.3	1,126.3	100.8	0.0	28.0	0.0	0.0	0.0	0.0
American smoketree	10.4	1.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	213.9	206.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	3,298.6	1,148.4	21.0	311.2	898.1	489.3	225.2	205.4	0.0	0.0	0.0
American beech	25,534.5	1,686.6	50.9	642.0	2,687.9	6,329.2	8,120.2	3,553.1	1,683.9	736.5	44.1
White ash	17,796.6	3,273.8	51.1	1,111.0	3,049.8	4,568.9	3,087.2	1,654.3	775.4	33.4	191.7
Green ash	11,029.7	1,618.7	26.9	321.1	1,566.3	2,618.5	2,830.1	1,547.4	429.6	71.0	0.0
Blue ash	603.9	217.9	0.0	127.8	123.2	108.4	26.7	0.0	0.0	0.0	0.0
Waterlocust	265.3	132.8	0.0	20.1	32.5	29.6	50.2	0.0	0.0	0.0	0.0
Honeylocust	1,186.9	135.8	20.3	199.3	335.2	243.6	217.9	34.8	0.0	0.0	0.0
Kentucky coffeetree	28.6	0.5	0.0	5.1	0.0	0.0	22.9	0.0	0.0	0.0	0.0
Silverbell	60.0	2.3	0.0	0.0	0.0	12.6	12.1	15.9	17.1	0.0	0.0
American holly	460.4	309.9	15.7	80.8	36.4	17.6	0.0	0.0	0.0	0.0	0.0
Butternut	419.2	72.9	8.5	0.0	82.9	123.1	131.8	0.0	0.0	0.0	0.0
Black walnut	6,926.0	289.5	32.4	488.7	1,401.8	2,139.6	1,666.4	871.3	36.2	0.0	0.0
Sweetgum	27,491.5	2,703.4	67.6	738.2	2,509.3	6,395.6	8,193.3	5,095.5	1,547.6	70.0	171.1
Yellow-poplar	69,186.8	2,920.2	48.0	415.9	2,813.1	9,583.7	18,433.2	18,698.4	11,900.2	3,681.0	693.1
Osage-orange	1,726.8	761.7	118.8	454.1	356.8	35.5	0.0	0.0	0.0	0.0	0.0
Cucumbertree	1,793.4	144.3	0.0	40.1	185.3	445.7	494.4	292.3	191.3	0.0	0.0
Southern magnolia	38.1	0.0	0.0	9.0	29.0	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	75.4	22.3	0.0	6.0	30.0	0.0	0.0	17.2	0.0	0.0	0.0
Sweetbay	48.6	0.0	0.0	18.6	12.7	17.3	0.0	0.0	0.0	0.0	0.0

Table 42.—*Wood and bark dry weight of stems in live trees on timberland by species and height class, Tennessee, 1989* — Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	17.1	9.2	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	55.3	20.3	0.0	12.4	0.0	22.5	0.0	0.0	0.0	0.0	0.0
Red mulberry	770.9	221.1	28.6	239.0	249.9	32.2	0.0	0.0	0.0	0.0	0.0
Water tupelo	745.3	53.1	0.0	45.4	163.3	321.9	50.3	111.3	0.0	0.0	0.0
Blackgum, black tupelo	18,260.9	4,880.9	175.6	1,509.3	4,067.5	4,324.8	2,421.1	761.5	120.2	0.0	0.0
Swamp tupelo	3.6	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	4,733.2	3,457.9	7.7	417.7	607.7	174.8	27.7	39.7	0.0	0.0	0.0
Sourwood	20,864.4	13,458.3	316.6	3,242.6	2,873.5	849.0	69.0	55.2	0.0	0.0	0.0
Royal paulownia	514.0	87.1	0.0	142.3	154.6	57.8	19.1	53.2	0.0	0.0	0.0
Water-elm	89.8	0.0	21.0	0.0	42.3	26.5	0.0	0.0	0.0	0.0	0.0
American sycamore	4,773.5	124.3	15.2	103.3	436.5	872.4	1,256.4	1,132.2	633.6	87.1	112.4
Eastern cottonwood	1,473.6	56.4	0.0	10.3	12.1	64.2	96.4	296.1	338.3	548.1	51.9
Black cherry	9,260.5	2,603.8	24.2	558.5	1,974.6	2,338.2	1,252.4	439.3	69.4	0.0	0.0
Plums§	180.4	180.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	120,129.4	10,837.2	142.4	3,317.8	16,053.1	34,687.6	35,413.2	15,771.9	3,401.2	408.7	96.2
Swamp white oak	48.7	0.0	0.0	0.0	22.0	0.0	26.7	0.0	0.0	0.0	0.0
Scarlet oak	38,644.0	1,570.1	33.9	835.0	8,072.4	14,187.9	10,798.8	2,525.6	407.0	160.3	53.1
Southern red oak	29,189.5	1,341.8	50.4	922.7	4,376.1	10,193.8	8,879.4	2,758.8	666.4	0.0	0.0
Cherrybark oak	8,653.8	59.9	0.0	67.0	563.1	1,999.6	2,290.9	2,126.6	1,032.3	433.5	80.9
Shingle oak	96.2	0.0	0.0	0.0	46.8	22.2	27.3	0.0	0.0	0.0	0.0
Turkey oak	1.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	786.9	62.1	20.0	12.9	64.8	202.1	165.5	156.6	103.0	0.0	0.0
Bur oak	65.2	0.0	0.0	0.0	0.0	0.0	33.0	32.3	0.0	0.0	0.0
Blackjack oak	1,723.2	288.7	83.2	481.0	731.3	108.1	30.9	0.0	0.0	0.0	0.0
Swamp chestnut oak	1,969.5	38.9	0.0	43.0	201.2	525.5	595.2	315.0	250.7	0.0	0.0
Chinkapin oak	6,936.7	1,017.8	23.4	678.9	2,061.2	2,026.6	833.4	265.4	0.0	30.0	0.0
Water oak	3,141.9	26.7	0.0	67.9	256.6	558.3	1,207.3	804.4	146.1	74.6	0.0
Nuttall oak	259.1	0.0	0.0	0.0	23.8	97.8	60.5	77.1	0.0	0.0	0.0
Pin oak	712.9	0.0	0.0	11.6	0.0	70.8	176.6	111.2	172.9	130.1	39.7
Willow oak	3,565.6	39.6	0.0	47.8	227.8	491.5	999.9	928.9	464.0	275.3	90.7
Chestnut oak	81,644.9	3,979.0	56.8	2,363.0	14,628.1	27,180.7	23,296.7	8,237.8	1,660.5	242.5	0.0
Northern red oak	37,263.0	1,121.8	16.5	493.9	3,391.4	9,970.8	12,691.0	7,045.3	2,138.2	369.6	24.5
Shumard oak	747.1	32.8	0.0	7.2	36.7	108.8	343.9	217.7	0.0	0.0	0.0
Post oak	22,334.5	1,381.7	63.4	2,005.7	6,823.3	8,363.7	3,004.2	620.9	71.6	0.0	0.0
Delta post oak	66.9	41.6	0.0	11.1	0.0	14.1	0.0	0.0	0.0	0.0	0.0
Black oak	41,596.5	1,021.3	49.0	534.8	5,217.1	13,417.8	13,153.8	6,100.9	1,902.3	199.6	0.0
Live oak	23.0	0.0	0.0	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	7,771.1	1,417.1	78.8	495.7	1,627.6	2,328.5	1,261.2	486.8	26.3	49.0	0.0
Black willow	2,233.8	125.7	0.0	90.7	262.5	524.5	687.2	353.6	189.6	0.0	0.0
Sassafras	9,281.1	2,981.9	38.2	558.5	1,732.5	2,624.5	964.3	329.7	51.6	0.0	0.0
American basswood	2,119.1	63.9	3.9	39.5	193.8	284.7	783.4	423.9	251.8	74.2	0.0
White basswood	166.6	6.0	0.0	0.0	29.6	23.1	30.6	77.4	0.0	0.0	0.0
Winged elm	6,707.7	2,620.3	108.7	882.3	1,474.0	962.1	513.8	146.6	0.0	0.0	0.0
American elm	6,293.3	1,319.9	50.7	655.0	1,430.5	1,638.5	789.7	279.0	93.3	36.8	0.0
Siberian elm	22.6	2.9	0.0	0.0	19.8	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	2,743.7	565.7	9.5	339.1	585.8	579.8	484.2	106.8	37.7	35.2	0.0
September elm	26.7	1.8	0.0	0.0	24.9	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	114.7	27.8	0.0	0.0	0.0	65.0	21.8	0.0	0.0	0.0	0.0
Tree sparkleberry	63.0	63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	893.5	314.4	26.5	114.5	135.7	193.5	108.8	0.0	0.0	0.0	0.0
All species	1,025,208.2	144,641.2	4,554.0	51,355.8	163,454.7	265,445.4	233,638.8	111,373.3	39,513.1	9,335.6	1,896.1

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 43. – *Wood and bark dry weight of crowns in live trees on timberland by species and height class, Tennessee, 1989**

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Southern redcedar	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Eastern redcedar	2,669.7	382.5	337.4	1,406.1	471.7	68.9	3.1	0.0	0.0	0.0	0.0
Shortleaf pine	3,470.1	77.6	9.1	260.6	942.5	1,348.0	720.3	90.8	15.0	6.1	0.0
Table Mountain pine	92.1	3.9	0.0	23.6	50.2	12.4	2.0	0.0	0.0	0.0	0.0
Pitch pine	387.0	3.5	14.5	78.8	120.4	120.0	40.9	8.9	0.0	0.0	0.0
Eastern white pine	1,468.9	47.6	13.4	108.8	250.0	296.5	344.1	232.9	140.2	25.0	10.6
Loblolly pine	3,983.6	168.8	257.1	957.5	1,106.6	837.3	534.9	121.4	0.0	0.0	0.0
Virginia pine	8,465.2	238.6	49.0	762.5	2,519.0	3,192.7	1,508.4	195.0	0.0	0.0	0.0
Baldcypress	425.0	0.7	0.7	2.6	6.2	30.5	63.3	137.0	146.2	37.8	0.0
Eastern hemlock	1,869.0	59.8	16.9	267.6	290.4	446.4	454.3	231.0	78.6	24.1	0.0
Carolina hemlock	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Florida maple	13.4	0.0	0.0	0.0	0.0	13.4	0.0	0.0	0.0	0.0	0.0
Boxelder	1,148.5	47.6	36.1	173.3	477.5	304.7	91.1	18.2	0.0	0.0	0.0
Black maple	123.9	8.9	0.0	29.5	17.0	38.2	30.3	0.0	0.0	0.0	0.0
Red maple	12,759.0	1,020.9	58.4	1,066.7	3,253.8	4,072.0	2,388.4	675.2	223.6	0.0	0.0
Silver maple	399.7	11.5	10.4	14.7	16.5	116.4	175.8	45.5	9.0	0.0	0.0
Sugar maple	12,826.9	581.6	60.5	733.7	2,450.6	3,238.4	3,092.3	1,589.1	948.3	132.3	0.0
Ohio buckeye	42.3	1.6	2.5	1.9	19.3	13.2	3.8	0.0	0.0	0.0	0.0
Yellow buckeye	312.9	6.8	0.0	29.7	55.0	66.0	93.0	46.2	16.1	0.0	0.0
Ailanthus, tree-of-heaven	410.4	34.8	3.4	65.9	127.4	129.2	38.7	5.3	5.7	0.0	0.0
Serviceberry	52.5	29.1	0.0	20.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0
Yellow birch	124.0	11.0	13.6	5.3	25.6	25.5	42.9	0.0	0.0	0.0	0.0
Sweet birch	1,201.4	58.5	13.1	134.0	405.1	287.1	253.0	38.7	12.0	0.0	0.0
River birch	912.3	26.6	0.0	51.3	138.8	307.1	203.7	185.0	0.0	0.0	0.0
Bumelia	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bluebeech, American hornbeam	569.6	140.0	35.6	233.1	127.2	33.7	0.0	0.0	0.0	0.0	0.0
Hickories	30,900.4	1,174.2	91.6	1,906.8	5,651.0	7,243.6	7,753.2	4,927.1	1,623.4	442.3	87.1
Water hickory	52.3	0.0	0.0	0.0	19.1	16.8	0.0	16.4	0.0	0.0	0.0
Pecan	109.9	0.6	0.0	0.0	4.5	0.0	24.7	35.8	44.3	0.0	0.0
Chinkapin	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
American chestnut	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Allegheny chinkapin	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Catalpa	12.3	0.0	0.0	3.8	8.6	0.0	0.0	0.0	0.0	0.0	0.0
Sugarberry	1,329.4	64.6	15.0	278.4	461.4	360.7	100.3	49.0	0.0	0.0	0.0
Hackberry	2,610.9	104.0	32.6	364.9	801.8	792.3	405.3	110.0	0.0	0.0	0.0
Eastern redbud	317.1	150.8	22.8	108.1	23.9	0.0	11.4	0.0	0.0	0.0	0.0
Flowering dogwood	2,477.5	1,397.5	325.1	696.7	49.8	0.0	8.4	0.0	0.0	0.0	0.0
American smoketree	2.0	0.1	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hawthorn	24.5	18.0	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Common persimmon	1,043.1	99.9	17.0	181.2	410.9	175.0	72.2	87.0	0.0	0.0	0.0
American beech	12,839.2	146.7	38.4	364.3	1,165.1	2,703.9	4,443.2	2,284.1	1,175.8	491.6	26.2
White ash	7,175.9	284.7	34.8	638.8	1,547.8	2,104.5	1,385.8	729.6	347.0	15.0	88.0
Green ash	4,611.5	140.8	14.2	196.6	833.0	1,237.7	1,273.6	691.9	191.9	31.9	0.0
Blue ash	210.7	18.9	0.0	70.2	58.6	50.6	12.4	0.0	0.0	0.0	0.0
Waterlocust	81.7	11.6	0.0	13.1	11.3	16.2	29.6	0.0	0.0	0.0	0.0
Honeylocust	387.3	11.8	10.8	74.8	118.8	87.0	70.0	14.0	0.0	0.0	0.0
Kentucky coffeetree	6.6	0.0	0.0	1.6	0.0	0.0	4.9	0.0	0.0	0.0	0.0
Silverbell	17.8	0.2	0.0	0.0	0.0	7.2	2.5	4.1	3.9	0.0	0.0
American holly	73.8	26.9	10.4	23.6	8.2	4.6	0.0	0.0	0.0	0.0	0.0
Butternut	137.6	6.3	5.3	0.0	40.0	39.7	46.2	0.0	0.0	0.0	0.0
Black walnut	2,539.5	26.9	18.6	249.2	501.8	731.3	607.2	388.0	16.5	0.0	0.0
Sweetgum	6,005.9	236.6	22.9	352.9	775.2	1,215.8	1,588.4	1,216.9	507.5	23.5	66.0
Yellow-poplar	12,998.3	255.5	14.0	183.7	906.1	1,854.3	3,061.3	3,377.0	2,386.8	789.0	170.7
Osage-orange	479.0	66.2	76.0	187.0	139.1	10.7	0.0	0.0	0.0	0.0	0.0
Cucumbertree	329.7	12.5	0.0	23.3	50.4	83.1	79.1	50.0	31.2	0.0	0.0
Southern magnolia	15.7	0.0	0.0	4.9	10.8	0.0	0.0	0.0	0.0	0.0	0.0
Bigleaf magnolia	22.3	1.9	0.0	4.6	12.0	0.0	0.0	3.8	0.0	0.0	0.0
Sweetbay	16.5	0.0	0.0	8.8	4.7	3.1	0.0	0.0	0.0	0.0	0.0

Table 43. — *Wood and bark dry weight of crowns in live trees on timberland by species and height class, Tennessee, 1989* — Continued*

Species common name‡	All classes	Height class in feet† (*from a 1-foot stump to treetop*)									
		<15	16-29	30-44	45-59	60-74	75-89	90-104	105-119	120-134	≥135
	Million pounds										
Apple	3.9	0.8	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White mulberry	10.8	1.8	0.0	4.3	0.0	4.7	0.0	0.0	0.0	0.0	0.0
Red mulberry	162.8	19.2	10.3	63.0	62.5	7.7	0.0	0.0	0.0	0.0	0.0
Water tupelo	180.7	4.6	0.0	14.4	37.9	84.3	13.2	26.2	0.0	0.0	0.0
Blackgum, black tupelo	5,661.5	433.8	154.2	1,016.6	1,770.6	1,374.6	676.8	203.5	31.4	0.0	0.0
Swamp tupelo	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ironwood, eastern hophornbeam	930.3	300.7	5.0	245.1	278.3	72.0	9.5	19.8	0.0	0.0	0.0
Sourwood	4,849.5	1,174.9	196.0	1,863.3	1,263.9	313.6	20.9	16.9	0.0	0.0	0.0
Royal paulownia	137.7	7.6	0.0	42.8	52.4	13.4	5.4	16.1	0.0	0.0	0.0
Water-elm	22.4	0.0	4.6	0.0	11.9	5.9	0.0	0.0	0.0	0.0	0.0
American sycamore	957.8	10.8	10.4	31.5	130.6	213.2	253.5	188.7	101.2	12.9	5.0
Eastern cottonwood	479.0	4.9	0.0	6.4	7.1	22.0	23.5	83.3	106.7	206.5	18.7
Black cherry	2,982.7	226.4	16.3	298.9	878.4	845.7	501.9	175.6	39.5	0.0	0.0
Plums§	15.7	15.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
White oak	47,650.4	942.4	114.1	2,048.3	6,928.8	12,918.8	14,619.3	7,899.8	1,864.4	256.8	57.7
Swamp white oak	17.4	0.0	0.0	0.0	7.1	0.0	10.3	0.0	0.0	0.0	0.0
Scarlet oak	15,056.3	136.5	21.1	426.1	3,251.4	5,356.2	4,362.5	1,156.6	216.3	102.6	27.0
Southern red oak	11,351.1	116.7	30.1	393.5	1,336.8	3,545.5	3,895.1	1,639.9	393.6	0.0	0.0
Cherrybark oak	4,497.9	5.2	0.0	30.7	185.4	671.2	1,150.5	1,333.4	651.1	375.7	94.6
Shingle oak	46.7	0.0	0.0	0.0	21.8	12.5	12.4	0.0	0.0	0.0	0.0
Turkey oak	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Overcup oak	410.5	5.4	8.2	4.9	33.7	82.0	96.0	104.4	75.9	0.0	0.0
Bur oak	38.7	0.0	0.0	0.0	0.0	0.0	15.3	23.4	0.0	0.0	0.0
Blackjack oak	331.9	25.1	30.8	100.6	144.6	24.9	5.9	0.0	0.0	0.0	0.0
Swamp chestnut oak	598.0	3.4	0.0	13.8	39.9	119.6	190.0	143.7	87.7	0.0	0.0
Chinkapin oak	2,724.5	88.5	14.1	352.1	909.0	843.8	361.9	135.1	0.0	19.9	0.0
Water oak	1,228.5	2.3	0.0	32.2	87.9	169.2	442.4	388.6	67.6	38.2	0.0
Nuttall oak	101.5	0.0	0.0	0.0	7.2	34.7	22.3	37.3	0.0	0.0	0.0
Pin oak	363.1	0.0	0.0	8.0	0.0	31.3	65.0	51.7	103.4	74.6	29.0
Willow oak	1,593.2	3.4	0.0	19.4	79.8	147.7	370.8	485.6	271.8	173.5	41.2
Chestnut oak	20,234.7	346.0	23.4	757.8	3,522.9	6,170.5	6,205.8	2,538.8	555.3	114.2	0.0
Northern red oak	12,249.9	97.5	5.3	213.5	1,123.6	3,007.3	4,184.4	2,568.2	866.9	171.0	12.1
Shumard oak	251.0	2.9	0.0	3.5	9.7	30.4	120.6	84.0	0.0	0.0	0.0
Post oak	9,399.7	120.1	45.1	1,124.7	2,954.5	3,509.0	1,327.5	287.8	31.0	0.0	0.0
Delta post oak	12.9	3.6	0.0	4.2	0.0	5.1	0.0	0.0	0.0	0.0	0.0
Black oak	14,027.9	88.8	23.9	228.2	1,496.7	3,784.6	4,738.3	2,680.5	885.5	101.4	0.0
Live oak	6.1	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0
Black locust	1,882.7	123.8	36.3	183.1	539.7	607.9	276.4	95.9	11.2	8.4	0.0
Black willow	601.7	10.9	0.0	30.4	84.4	128.5	182.4	99.5	65.6	0.0	0.0
Sassafras	1,970.9	259.3	22.7	226.0	556.0	626.5	192.3	76.4	11.7	0.0	0.0
American basswood	569.7	5.6	2.6	14.1	59.0	76.2	213.9	109.8	67.1	21.5	0.0
White basswood	46.3	0.5	0.0	0.0	9.1	7.6	7.7	21.4	0.0	0.0	0.0
Winged elm	1,439.5	229.8	70.3	373.6	416.5	208.9	111.2	29.2	0.0	0.0	0.0
American elm	1,386.6	114.8	17.3	230.1	368.6	351.4	188.7	73.9	26.7	15.2	0.0
Siberian elm	3.7	0.2	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0
Slippery elm	635.5	49.2	6.6	117.6	177.7	124.2	106.8	30.7	9.3	13.3	0.0
September elm	7.0	0.2	0.0	0.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0
Rock elm	21.2	2.4	0.0	0.0	0.0	14.3	4.5	0.0	0.0	0.0	0.0
Tree sparkleberry	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other species¶	205.4	27.3	14.1	41.2	45.2	56.8	20.7	0.0	0.0	0.0	0.0
All species	307,923.9	12,243.7	2,570.6	22,934.2	55,393.9	79,359.6	76,069.7	40,430.3	14,463.9	3,724.2	733.9

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <15-foot class.
‡Alphabetized by genus; see species list, appendix 2.
§Also includes cherries (except black cherry).
¶Other species includes noncommercial and unidentified species.

Table 44. – *Wood and bark fresh weight of live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	3,897.0	22,694.5	23.0	2,559.8	829.5	3,938.5	2,972.8	14,626.8	71.7	1,569.5	0.0	0.0
Bedford	1,030.7	10,637.4	185.0	1,814.4	845.8	2,121.1	0.0	5,767.6	0.0	934.3	0.0	0.0
Benton	1,833.7	25,311.1	536.9	3,267.2	1,296.8	6,040.3	0.0	14,976.9	0.0	1,026.7	0.0	0.0
Bledsoe	7,605.6	19,246.3	726.9	3,158.2	4,153.7	6,248.2	2,725.0	9,612.0	0.0	227.9	0.0	0.0
Blount	4,157.3	9,976.1	305.2	1,198.6	1,149.1	2,952.5	2,645.5	5,583.9	57.5	241.0	0.0	0.0
Bradley	5,234.9	8,816.6	403.5	888.5	543.3	1,419.7	4,288.1	5,615.8	0.0	892.6	0.0	0.0
Campbell	5,644.8	44,016.6	250.2	4,365.3	1,616.6	5,825.8	3,778.0	26,294.6	0.0	7,338.6	0.0	192.3
Cannon	1,118.0	13,839.5	232.0	1,587.3	502.9	3,706.8	383.1	8,258.2	0.0	287.1	0.0	0.0
Carroll	1,912.5	32,578.3	283.3	3,794.4	309.0	7,317.7	1,105.9	19,392.2	214.2	2,073.9	0.0	0.0
Carter	4,458.7	33,103.0	237.7	2,340.1	1,285.9	5,507.7	1,744.2	20,021.3	1,190.9	5,158.7	0.0	75.2
Cheatam	564.4	21,751.6	40.6	2,875.6	335.4	2,602.5	188.4	14,386.2	0.0	1,887.4	0.0	0.0
Chester	3,532.8	12,699.6	236.5	1,856.0	1,108.2	2,815.5	2,188.2	7,790.3	0.0	237.8	0.0	0.0
Claiborne	1,184.7	28,925.1	42.9	3,650.3	298.6	5,671.8	843.2	17,338.4	0.0	2,146.0	0.0	118.6
Clay	590.9	12,047.9	298.8	2,027.4	159.0	5,087.9	133.2	4,932.6	0.0	0.0	0.0	0.0
Cocke	5,101.6	25,065.4	430.8	2,592.9	2,369.4	6,113.4	2,169.2	15,712.2	132.2	646.9	0.0	0.0
Coffee	0.0	23,132.4	0.0	1,957.2	0.0	4,056.7	0.0	16,290.1	0.0	828.5	0.0	0.0
Crockett	0.0	4,633.6	0.0	676.9	0.0	452.2	0.0	1,893.9	0.0	1,610.6	0.0	0.0
Cumberland	13,196.0	46,728.5	1,943.3	7,873.5	4,266.6	12,116.1	6,464.0	25,213.9	522.1	1,524.9	0.0	0.0
Davidson	977.7	17,645.6	418.3	2,334.0	559.4	4,197.7	0.0	8,977.2	0.0	2,136.6	0.0	0.0
Decatur	2,202.0	25,037.8	31.8	2,812.1	300.1	3,646.4	1,870.1	16,824.9	0.0	1,754.3	0.0	0.0
DeKalb	1,735.9	21,565.1	405.2	2,018.9	1,330.8	3,341.8	0.0	10,566.8	0.0	5,637.5	0.0	0.0
Dickson	262.2	31,220.2	166.0	4,347.3	96.2	6,253.4	0.0	18,718.4	0.0	1,901.0	0.0	0.0
Dyer	0.0	8,306.9	0.0	563.8	0.0	1,173.3	0.0	4,443.0	0.0	2,126.8	0.0	0.0
Fayette	2,950.2	30,336.4	846.8	2,748.6	1,206.2	4,557.1	897.1	21,445.0	0.0	1,585.8	0.0	0.0
Fentress	12,193.8	33,553.9	966.1	5,916.1	5,031.7	7,628.3	6,016.2	18,944.8	179.8	1,064.8	0.0	0.0
Franklin	610.5	25,576.4	176.9	3,796.1	393.3	6,963.2	40.4	14,448.9	0.0	368.2	0.0	0.0
Gibson	0.0	6,477.6	0.0	288.9	0.0	795.7	0.0	4,136.3	0.0	1,256.7	0.0	0.0
Giles	582.4	21,952.6	64.2	2,702.7	456.6	6,481.0	61.5	12,279.5	0.0	489.4	0.0	0.0
Grainger	1,843.3	19,400.4	177.3	2,518.1	1,016.2	4,524.1	649.9	9,207.0	0.0	3,151.2	0.0	0.0
Greene	4,329.7	29,456.6	695.7	2,970.7	1,809.0	6,664.1	1,772.9	14,268.6	52.1	5,462.1	0.0	90.9
Grundy	2,994.7	23,904.4	145.2	4,050.0	1,791.7	6,044.8	1,009.3	11,542.1	48.5	2,267.5	0.0	0.0
Hamblen	1,804.6	6,687.7	74.6	188.1	252.1	553.3	1,477.9	4,215.0	0.0	1,731.2	0.0	0.0
Hamilton	8,805.1	27,206.3	652.0	4,509.6	2,641.0	5,514.2	5,512.1	16,610.9	0.0	571.6	0.0	0.0
Hancock	431.8	10,789.2	56.5	1,626.1	279.3	2,141.3	96.0	5,286.8	0.0	1,735.0	0.0	0.0
Hardeman	6,263.5	38,488.8	949.1	3,277.6	2,057.5	7,748.3	3,256.9	24,526.4	0.0	2,936.6	0.0	0.0
Hardin	6,829.3	28,879.0	985.4	3,146.1	3,311.2	6,717.8	2,532.7	17,384.1	0.0	1,631.0	0.0	0.0
Hawkins	3,449.4	26,329.5	668.0	3,450.6	1,312.1	4,591.9	1,469.2	14,880.4	0.0	3,406.6	0.0	0.0
Haywood	6.8	17,541.8	6.8	931.0	0.0	1,930.1	0.0	9,406.3	0.0	5,274.4	0.0	0.0
Henderson	4,872.5	27,365.2	507.1	1,724.8	1,920.1	4,829.8	2,445.3	17,594.3	0.0	3,216.3	0.0	0.0
Henry	376.5	32,198.4	63.8	2,276.6	312.7	5,253.7	0.0	21,069.2	0.0	3,598.9	0.0	0.0
Hickman	1,633.0	53,230.6	121.1	6,349.1	314.1	9,612.3	1,197.8	33,866.3	0.0	3,402.9	0.0	0.0
Houston	133.3	16,990.3	89.6	1,633.3	43.8	3,355.3	0.0	11,556.2	0.0	445.6	0.0	0.0
Humphreys	425.0	38,499.8	11.8	3,886.9	274.6	8,876.8	138.6	24,696.5	0.0	1,039.6	0.0	0.0
Jackson	1,215.8	23,196.3	205.3	2,686.3	965.9	4,368.2	44.6	12,970.8	0.0	3,171.0	0.0	0.0
Jefferson	1,399.1	10,907.5	28.0	883.5	593.5	1,606.8	777.5	7,378.0	0.0	1,039.2	0.0	0.0
Johnson	3,500.1	24,416.6	492.4	3,484.0	1,091.8	5,599.8	1,736.2	13,279.7	179.6	2,053.1	0.0	0.0
Knox	4,521.2	20,926.0	603.2	1,663.3	2,026.0	3,060.6	1,892.0	11,116.0	0.0	5,086.1	0.0	0.0
Lake	2,277.8	3,487.9	0.0	58.8	0.0	1,076.1	672.5	1,299.3	1,605.3	820.3	0.0	233.4
Lauderdale	1,511.7	17,917.8	0.0	731.7	61.3	2,589.4	1,112.9	9,589.8	337.5	4,647.5	0.0	359.4
Lawrence	0.0	29,609.9	0.0	3,672.0	0.0	6,099.4	0.0	18,287.8	0.0	1,550.7	0.0	0.0
Lewis	267.9	22,876.8	155.8	2,732.3	62.8	5,337.3	49.3	14,544.3	0.0	262.9	0.0	0.0
Lincoln	1,519.4	17,284.2	451.6	2,827.8	1,067.8	7,397.0	0.0	7,059.5	0.0	0.0	0.0	0.0
Loudon	4,169.3	8,656.9	247.2	1,027.4	735.3	1,055.4	3,186.8	5,448.9	0.0	1,125.2	0.0	0.0

Table 44. – *Wood and bark fresh weight of live trees on timberland by county and height class, Tennessee, 1989* – Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	9,929.0	16,292.8	988.5	2,700.1	3,159.4	3,575.6	5,781.0	8,926.6	0.0	1,090.6	0.0	0.0
McNairy	8,374.8	26,492.6	1,063.9	4,895.8	3,132.5	7,551.7	4,178.5	13,600.9	0.0	444.3	0.0	0.0
Macon	28.4	13,496.5	0.0	980.5	28.4	1,761.3	0.0	8,461.5	0.0	2,293.2	0.0	0.0
Madison	1,066.9	28,984.2	234.8	1,724.7	745.1	3,777.9	87.1	20,714.4	0.0	2,767.2	0.0	0.0
Marion	4,510.4	38,112.2	499.2	6,209.4	1,407.1	8,534.1	2,535.7	20,990.7	68.2	2,256.0	0.0	122.0
Marshall	1,293.7	10,442.6	448.4	1,620.0	845.3	2,756.2	0.0	5,681.2	0.0	385.2	0.0	0.0
Maury	180.3	17,539.7	69.7	1,827.9	110.6	6,133.9	0.0	9,147.2	0.0	430.7	0.0	0.0
Meigs	5,328.3	10,774.6	210.9	1,387.9	1,859.9	2,059.2	3,257.6	6,876.7	0.0	450.8	0.0	0.0
Monroe	21,018.4	38,135.8	2,396.2	5,022.6	6,795.9	7,919.4	11,563.1	22,710.0	263.2	2,483.6	0.0	0.0
Montgomery	848.1	21,732.2	91.2	2,640.5	756.9	3,927.7	0.0	13,602.5	0.0	1,561.5	0.0	0.0
Moore	391.4	7,022.4	109.0	545.2	155.5	1,255.7	126.9	4,765.3	0.0	456.2	0.0	0.0
Morgan	8,320.5	41,862.7	719.2	7,433.4	3,194.5	9,737.5	4,080.0	20,813.6	326.8	3,878.2	0.0	0.0
Obion	912.5	17,479.2	20.6	939.1	90.1	2,232.8	282.4	8,647.0	519.4	5,070.7	0.0	589.7
Overton	2,978.6	32,175.0	244.6	3,466.1	405.6	5,258.7	2,242.9	21,410.6	85.5	2,039.6	0.0	0.0
Perry	880.1	33,211.8	200.3	4,024.6	637.1	7,757.4	42.8	20,889.4	0.0	540.5	0.0	0.0
Pickett	769.2	13,042.3	68.7	1,662.9	399.5	1,736.7	301.0	7,223.8	0.0	2,418.9	0.0	0.0
Polk	19,623.5	19,159.9	1,692.1	3,352.0	4,442.4	4,448.8	11,996.0	10,014.3	1,439.2	1,344.8	53.7	0.0
Putnam	1,825.6	26,116.0	30.0	3,098.1	577.0	4,633.6	1,218.6	14,817.6	0.0	2,921.9	0.0	644.8
Rhea	4,513.4	19,053.4	151.2	2,085.2	2,305.8	3,626.5	1,952.2	12,082.3	104.2	1,259.3	0.0	0.0
Roane	4,266.8	26,554.0	150.0	2,948.9	611.9	6,234.0	3,504.9	16,312.0	0.0	1,059.2	0.0	0.0
Robertson	40.2	9,005.3	0.0	210.2	40.2	1,534.7	0.0	6,891.8	0.0	368.5	0.0	0.0
Rutherford	3,007.1	11,200.3	981.4	2,283.8	1,922.4	5,454.9	103.3	3,461.5	0.0	0.0	0.0	0.0
Scott	9,554.2	52,446.1	316.8	6,285.8	2,222.3	8,357.0	6,907.2	34,183.4	107.9	3,620.0	0.0	0.0
Sequatchie	6,757.4	16,407.3	576.0	3,294.1	2,938.2	4,987.3	3,243.1	7,824.2	0.0	301.8	0.0	0.0
Sevier	6,763.9	18,285.7	314.0	3,279.6	2,461.3	4,266.9	3,933.2	9,043.0	55.3	1,696.2	0.0	0.0
Shelby	195.5	26,671.3	35.7	1,773.7	78.6	4,290.4	81.1	15,328.1	0.0	5,279.1	0.0	0.0
Smith	610.4	13,086.7	155.8	1,317.7	454.6	2,874.1	0.0	7,593.6	0.0	1,301.3	0.0	0.0
Stewart	797.9	34,639.4	91.3	3,124.3	559.2	5,325.2	147.4	22,045.9	0.0	4,144.1	0.0	0.0
Sullivan	3,807.5	20,264.1	200.9	1,768.0	1,151.0	3,941.5	2,068.6	12,025.4	387.0	2,529.2	0.0	0.0
Sumner	410.8	11,856.6	4.3	888.9	406.5	2,360.1	0.0	7,854.0	0.0	753.6	0.0	0.0
Tipton	3.5	10,738.8	3.5	813.2	0.0	1,354.8	0.0	5,629.2	0.0	2,941.6	0.0	0.0
Trousdale	468.6	3,427.5	28.3	744.7	440.3	1,430.9	0.0	1,252.0	0.0	0.0	0.0	0.0
Unicoi	4,697.6	17,238.9	366.2	2,471.8	900.6	2,104.6	2,176.7	10,052.6	1,254.1	2,609.9	0.0	0.0
Union	2,884.0	15,177.0	373.8	1,898.4	1,137.2	2,176.4	1,373.0	8,962.9	0.0	2,139.4	0.0	0.0
Van Buren	4,826.3	17,360.1	484.2	2,786.7	3,058.8	3,877.2	1,283.3	8,859.2	0.0	1,836.9	0.0	0.0
Warren	56.6	17,576.2	0.0	2,085.4	56.6	3,898.1	0.0	9,797.0	0.0	1,795.7	0.0	0.0
Washington	2,038.2	11,056.2	64.1	1,002.7	532.8	1,624.8	1,099.9	6,098.4	341.4	2,330.3	0.0	0.0
Wayne	3,032.4	50,343.0	693.6	7,596.4	1,454.3	12,524.2	884.5	29,575.4	0.0	647.0	0.0	0.0
Weakley	1,883.4	17,353.9	0.0	634.0	864.1	2,618.8	967.0	11,192.7	52.4	2,908.4	0.0	0.0
White	3,389.7	22,973.8	517.3	2,434.0	2,536.9	2,641.5	335.5	13,442.4	0.0	4,455.9	0.0	0.0
Williamson	1,903.1	24,388.4	369.6	2,691.5	1,454.9	5,267.9	78.6	12,735.0	0.0	3,694.0	0.0	0.0
Wilson	3,013.7	6,929.4	1,229.3	887.8	1,784.4	3,208.1	0.0	2,550.7	0.0	282.8	0.0	0.0
All counties	304,361.0	2,079,230.0	32,834.0	247,156.1	112,499.7	426,618.0	149,377.9	1,215,661.5	9,595.7	187,368.1	53.7	2,426.3

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 45. – *Wood and bark fresh weight of stems in live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	3,144.5	17,087.4	21.6	2,082.2	650.6	2,824.7	2,412.6	11,026.1	59.7	1,154.4	0.0	0.0
Bedford	814.6	7,957.3	160.5	1,480.8	654.2	1,502.2	0.0	4,246.7	0.0	727.7	0.0	0.0
Benton	1,456.9	19,065.1	480.7	2,613.5	976.2	4,360.4	0.0	11,342.0	0.0	749.3	0.0	0.0
Bledsoe	6,132.3	14,595.9	643.2	2,588.0	3,216.3	4,551.2	2,272.8	7,283.3	0.0	173.4	0.0	0.0
Blount	3,426.3	7,573.6	263.3	963.4	907.1	2,167.8	2,207.5	4,279.5	48.3	162.8	0.0	0.0
Bradley	4,421.8	6,581.9	360.9	728.8	413.3	956.4	3,647.6	4,248.1	0.0	648.5	0.0	0.0
Campbell	4,665.2	33,394.6	227.2	3,578.6	1,290.1	4,171.1	3,147.9	20,038.6	0.0	5,457.1	0.0	149.2
Cannon	898.5	10,637.1	209.4	1,288.6	392.8	2,775.6	296.2	6,364.0	0.0	208.9	0.0	0.0
Carroll	1,625.3	24,758.8	255.9	3,189.0	245.5	5,223.6	941.9	14,939.5	181.9	1,406.7	0.0	0.0
Carter	3,572.4	25,491.7	204.8	1,931.0	982.3	4,032.7	1,407.3	15,385.2	978.1	4,083.4	0.0	59.3
Cheatam	473.3	16,600.9	36.7	2,305.2	275.1	1,900.1	161.6	11,047.1	0.0	1,348.5	0.0	0.0
Chester	2,976.3	9,688.8	212.6	1,538.3	845.4	2,014.0	1,918.3	5,949.5	0.0	187.0	0.0	0.0
Claiborne	995.3	21,928.5	37.9	3,000.3	223.2	4,060.5	734.2	13,157.6	0.0	1,615.6	0.0	94.5
Clay	511.0	9,059.4	269.8	1,665.6	128.6	3,661.1	112.5	3,732.6	0.0	0.0	0.0	0.0
Cocke	4,155.1	19,269.3	375.6	2,079.0	1,867.3	4,466.0	1,799.5	12,203.1	112.6	521.3	0.0	0.0
Coffee	0.0	17,202.0	0.0	1,613.3	0.0	2,838.4	0.0	12,191.8	0.0	558.5	0.0	0.0
Crockett	0.0	3,412.9	0.0	543.9	0.0	294.3	0.0	1,428.8	0.0	1,146.0	0.0	0.0
Cumberland	10,668.8	35,012.6	1,711.5	6,399.5	3,221.2	8,583.9	5,289.2	18,915.1	447.0	1,114.1	0.0	0.0
Davidson	840.2	12,900.8	375.0	1,922.2	465.2	2,941.8	0.0	6,597.3	0.0	1,439.5	0.0	0.0
Decatur	1,892.9	19,012.8	28.7	2,279.7	252.2	2,617.0	1,612.0	12,816.1	0.0	1,299.9	0.0	0.0
DeKalb	1,439.2	16,384.4	365.9	1,664.2	1,073.3	2,282.5	0.0	8,193.9	0.0	4,243.8	0.0	0.0
Dickson	222.0	23,329.8	150.3	3,539.4	71.7	4,430.2	0.0	13,978.3	0.0	1,381.9	0.0	0.0
Dyer	0.0	6,072.3	0.0	454.8	0.0	871.9	0.0	3,183.7	0.0	1,561.9	0.0	0.0
Fayette	2,461.5	22,525.5	764.7	2,308.2	926.0	3,259.0	770.9	15,872.6	0.0	1,085.7	0.0	0.0
Fentress	10,043.9	25,316.9	848.0	4,855.7	4,006.8	5,366.3	5,040.1	14,316.5	149.0	778.4	0.0	0.0
Franklin	502.9	19,186.6	159.6	3,117.5	307.4	5,012.1	36.0	10,778.0	0.0	278.9	0.0	0.0
Gibson	0.0	4,842.5	0.0	243.5	0.0	554.9	0.0	3,144.2	0.0	899.9	0.0	0.0
Giles	403.2	16,367.4	56.4	2,261.7	303.3	4,609.5	43.5	9,115.5	0.0	380.8	0.0	0.0
Grainger	1,529.6	14,956.3	154.1	2,056.2	830.8	3,280.0	544.8	7,124.1	0.0	2,496.0	0.0	0.0
Greene	3,640.7	22,092.7	614.4	2,425.0	1,481.4	4,879.1	1,499.4	10,785.6	45.5	3,931.6	0.0	71.3
Grundy	2,428.2	17,614.5	126.6	3,271.4	1,428.7	4,159.5	836.2	8,564.3	36.6	1,619.3	0.0	0.0
Hamblen	1,498.2	4,959.9	67.5	150.5	201.2	385.1	1,229.5	3,166.5	0.0	1,257.9	0.0	0.0
Hamilton	7,466.3	20,542.4	581.0	3,673.6	2,162.7	3,979.1	4,722.7	12,491.4	0.0	398.3	0.0	0.0
Hancock	353.6	8,187.5	51.1	1,320.2	221.3	1,576.6	81.2	3,979.7	0.0	1,311.0	0.0	0.0
Hardeman	5,324.8	28,948.3	855.6	2,725.7	1,626.6	5,642.2	2,842.6	18,451.5	0.0	2,128.9	0.0	0.0
Hardin	5,612.3	21,358.5	882.0	2,611.4	2,549.6	4,714.7	2,180.6	13,023.4	0.0	1,009.1	0.0	0.0
Hawkins	2,913.9	20,252.2	587.0	2,784.8	1,086.6	3,450.7	1,240.3	11,453.1	0.0	2,563.5	0.0	0.0
Haywood	6.0	12,643.0	6.0	784.3	0.0	1,431.4	0.0	6,897.9	0.0	3,529.4	0.0	0.0
Henderson	4,019.8	20,415.1	454.6	1,383.8	1,477.2	3,435.0	2,087.9	13,346.9	0.0	2,249.4	0.0	0.0
Henry	308.8	24,359.2	57.3	1,918.5	251.5	3,704.0	0.0	16,048.9	0.0	2,687.9	0.0	0.0
Hickman	1,347.0	40,267.0	109.5	5,149.4	247.1	6,759.1	990.3	25,794.8	0.0	2,563.7	0.0	0.0
Houston	119.7	12,765.2	80.7	1,327.1	39.0	2,410.4	0.0	8,719.4	0.0	308.3	0.0	0.0
Humphreys	340.0	28,772.4	10.5	3,097.3	216.5	6,250.2	113.0	18,679.9	0.0	744.9	0.0	0.0
Jackson	1,005.6	17,393.5	185.1	2,204.7	785.1	3,060.0	35.3	9,812.4	0.0	2,316.3	0.0	0.0
Jefferson	1,130.7	8,206.3	24.1	728.0	462.6	1,168.8	644.0	5,554.7	0.0	754.8	0.0	0.0
Johnson	2,605.6	18,879.2	420.9	2,869.9	690.5	4,152.9	1,344.9	10,257.7	149.3	1,598.7	0.0	0.0
Knox	3,775.1	15,753.9	542.5	1,387.4	1,666.7	2,190.4	1,565.8	8,312.2	0.0	3,863.9	0.0	0.0
Lake	1,899.2	2,588.5	0.0	47.7	0.0	772.9	564.8	963.9	1,334.4	626.0	0.0	177.9
Lauderdale	1,315.7	13,310.6	0.0	609.6	55.3	1,949.7	980.3	7,236.3	280.2	3,196.1	0.0	318.9
Lawrence	0.0	22,377.7	0.0	2,971.0	0.0	4,272.2	0.0	13,972.7	0.0	1,161.8	0.0	0.0
Lewis	234.2	17,279.9	139.8	2,196.7	50.8	3,837.1	43.6	11,027.5	0.0	218.7	0.0	0.0
Lincoln	1,244.9	13,006.7	407.0	2,317.4	837.9	5,370.1	0.0	5,319.2	0.0	0.0	0.0	0.0
Loudon	3,506.2	6,355.6	223.6	835.5	604.7	785.0	2,677.9	3,947.1	0.0	788.0	0.0	0.0

Table 45. – *Wood and bark fresh weight of stems in live trees on timberland by county and height class, Tennessee, 1989* – Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	8,182.5	12,343.1	870.8	2,171.4	2,506.6	2,566.9	4,805.0	6,738.2	0.0	866.6	0.0	0.0
McNairy	7,067.8	20,158.2	958.3	4,037.8	2,453.8	5,398.0	3,655.6	10,392.4	0.0	330.1	0.0	0.0
Macon	23.3	10,456.2	0.0	791.7	23.3	1,233.4	0.0	6,639.4	0.0	1,791.7	0.0	0.0
Madison	899.0	21,536.9	210.9	1,430.8	610.1	2,824.9	78.0	15,463.6	0.0	1,817.6	0.0	0.0
Marion	3,743.6	29,106.9	446.5	5,074.0	1,099.1	6,179.6	2,142.8	16,092.8	55.2	1,676.0	0.0	84.5
Marshall	1,089.7	7,823.6	405.2	1,341.5	684.4	2,002.3	0.0	4,207.9	0.0	272.0	0.0	0.0
Maury	150.8	13,270.6	62.2	1,486.9	88.6	4,545.2	0.0	6,905.3	0.0	333.1	0.0	0.0
Meigs	4,485.9	8,193.7	188.9	1,171.8	1,492.4	1,435.8	2,804.6	5,265.7	0.0	320.5	0.0	0.0
Monroe	17,141.7	28,931.2	2,099.6	4,099.0	5,228.8	5,659.8	9,593.0	17,365.1	220.3	1,807.3	0.0	0.0
Montgomery	715.0	16,256.2	82.0	2,186.1	633.0	2,823.1	0.0	10,212.6	0.0	1,034.3	0.0	0.0
Moore	330.2	5,189.2	98.3	448.9	121.2	913.6	110.6	3,536.4	0.0	290.3	0.0	0.0
Morgan	6,740.8	31,610.7	621.7	6,126.7	2,481.5	6,897.3	3,354.2	15,686.2	283.4	2,900.4	0.0	0.0
Obion	802.4	12,888.3	19.4	784.1	83.3	1,673.4	251.2	6,392.6	448.4	3,691.7	0.0	346.5
Overton	2,418.2	25,004.4	218.5	2,812.1	319.8	3,792.7	1,811.7	16,804.4	68.1	1,595.3	0.0	0.0
Perry	720.5	25,409.5	177.8	3,275.5	505.1	5,536.7	37.5	16,192.5	0.0	404.7	0.0	0.0
Pickett	609.0	9,866.0	62.2	1,341.7	305.8	1,226.9	241.0	5,550.3	0.0	1,747.1	0.0	0.0
Polk	15,836.0	14,657.9	1,471.9	2,719.7	3,291.6	3,239.3	9,814.4	7,673.0	1,211.7	1,025.9	46.3	0.0
Putnam	1,508.5	19,755.3	26.0	2,510.0	482.1	3,295.1	1,000.4	11,253.2	0.0	2,211.0	0.0	486.0
Rhea	3,592.2	14,444.5	131.9	1,689.1	1,767.6	2,569.3	1,602.7	9,230.1	90.0	956.0	0.0	0.0
Roane	3,645.6	20,204.2	132.7	2,371.2	522.5	4,466.2	2,990.4	12,486.9	0.0	879.9	0.0	0.0
Robertson	35.5	6,751.5	0.0	170.3	35.5	1,097.5	0.0	5,188.2	0.0	295.5	0.0	0.0
Rutherford	2,464.7	8,378.4	884.5	1,897.0	1,493.0	3,916.0	87.2	2,565.5	0.0	0.0	0.0	0.0
Scott	7,712.2	39,507.5	277.0	5,167.4	1,694.9	5,943.8	5,649.9	25,757.4	90.5	2,638.9	0.0	0.0
Sequatchie	5,509.2	12,557.2	503.1	2,717.9	2,316.5	3,613.5	2,689.5	5,999.2	0.0	226.7	0.0	0.0
Sevier	5,607.2	14,051.6	278.5	2,718.5	2,012.9	3,132.6	3,272.0	6,940.4	43.9	1,260.0	0.0	0.0
Shelby	168.4	20,456.6	32.2	1,481.8	65.4	3,122.4	70.8	11,848.6	0.0	4,003.9	0.0	0.0
Smith	479.8	9,758.1	139.9	1,093.5	339.9	2,060.1	0.0	5,648.4	0.0	956.1	0.0	0.0
Stewart	667.7	25,872.4	81.9	2,472.8	460.5	3,772.1	125.3	16,541.2	0.0	3,086.4	0.0	0.0
Sullivan	3,035.7	15,502.7	173.5	1,459.7	846.4	2,852.9	1,685.4	9,302.1	330.3	1,888.0	0.0	0.0
Sumner	340.5	8,985.8	3.8	735.3	336.6	1,697.9	0.0	5,965.5	0.0	587.1	0.0	0.0
Tipton	3.1	7,900.9	3.1	692.5	0.0	947.5	0.0	4,075.7	0.0	2,185.2	0.0	0.0
Trousdale	372.2	2,640.2	25.4	610.8	346.8	1,051.1	0.0	978.3	0.0	0.0	0.0	0.0
Unicoi	3,558.2	13,197.6	328.7	2,042.0	516.4	1,477.4	1,679.3	7,657.7	1,033.9	2,020.5	0.0	0.0
Union	2,402.5	11,633.8	336.7	1,553.4	925.0	1,579.1	1,140.8	6,932.8	0.0	1,568.5	0.0	0.0
Van Buren	3,909.0	13,096.3	426.7	2,309.1	2,449.5	2,712.8	1,032.8	6,717.6	0.0	1,356.8	0.0	0.0
Warren	43.4	13,124.7	0.0	1,677.7	43.4	2,740.1	0.0	7,439.8	0.0	1,267.1	0.0	0.0
Washington	1,646.5	8,328.8	59.6	822.8	423.4	1,165.1	882.8	4,605.2	280.6	1,735.7	0.0	0.0
Wayne	2,480.5	38,101.9	623.3	6,206.8	1,075.1	8,934.5	782.1	22,503.2	0.0	457.4	0.0	0.0
Weakley	1,607.1	12,694.3	0.0	528.9	718.8	1,818.1	843.3	8,275.3	44.9	2,072.0	0.0	0.0
White	2,715.7	17,349.9	458.1	1,970.7	1,977.1	1,881.6	280.6	10,237.1	0.0	3,260.5	0.0	0.0
Williamson	1,617.1	17,953.4	331.9	2,219.1	1,217.8	3,779.4	67.4	9,391.2	0.0	2,563.7	0.0	0.0
Wilson	2,590.9	5,118.5	1,110.0	733.5	1,480.9	2,267.0	0.0	1,908.8	0.0	209.2	0.0	0.0
All counties	250,039.1	1,568,611.9	29,164.2	202,234.4	88,145.5	305,787.5	124,659.4	921,274.0	8,023.6	137,527.8	46.3	1,788.2

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 46. — *Wood and bark fresh weight of crowns in live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 -59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	752.5	5,607.1	1.4	477.5	178.9	1,113.8	560.2	3,600.7	11.9	415.0	0.0	0.0
Bedford	216.1	2,680.0	24.5	333.6	191.6	618.9	0.0	1,520.9	0.0	206.7	0.0	0.0
Benton	376.7	6,245.9	56.1	653.8	320.6	1,679.8	0.0	3,634.9	0.0	277.4	0.0	0.0
Bledsoe	1,473.3	4,650.4	83.7	570.3	937.4	1,696.9	452.2	2,328.7	0.0	54.4	0.0	0.0
Blount	731.0	2,402.5	41.9	235.2	241.9	784.7	438.0	1,304.4	9.2	78.2	0.0	0.0
Bradley	813.1	2,234.8	42.6	159.7	130.0	463.3	640.5	1,367.7	0.0	244.1	0.0	0.0
Campbell	979.5	10,622.0	23.0	786.7	326.5	1,654.7	630.0	6,255.9	0.0	1,881.5	0.0	43.1
Cannon	219.5	3,202.4	22.6	298.8	110.0	931.2	86.9	1,894.2	0.0	78.2	0.0	0.0
Carroll	287.2	7,819.5	27.4	605.4	63.5	2,094.1	164.0	4,452.7	32.3	667.3	0.0	0.0
Carter	886.3	7,611.3	32.9	409.1	303.6	1,475.0	336.9	4,636.0	212.8	1,075.3	0.0	15.9
Cheatam	91.1	5,150.7	3.9	570.4	60.4	702.4	26.8	3,339.1	0.0	538.8	0.0	0.0
Chester	556.6	3,010.9	23.9	317.8	262.8	801.5	269.9	1,840.8	0.0	50.8	0.0	0.0
Claiborne	189.3	6,996.5	4.9	650.0	75.4	1,611.3	109.0	4,180.8	0.0	530.4	0.0	24.1
Clay	79.9	2,988.5	28.9	361.8	30.3	1,426.8	20.7	1,200.0	0.0	0.0	0.0	0.0
Cocke	946.5	5,796.2	55.1	513.9	502.1	1,647.4	369.7	3,509.1	19.5	125.7	0.0	0.0
Coffee	0.0	5,930.4	0.0	343.8	0.0	1,218.3	0.0	4,098.3	0.0	270.0	0.0	0.0
Crockett	0.0	1,220.6	0.0	133.0	0.0	157.9	0.0	465.1	0.0	464.7	0.0	0.0
Cumberland	2,527.2	11,715.8	231.8	1,474.0	1,045.4	3,532.3	1,174.8	6,298.7	75.1	410.9	0.0	0.0
Davidson	137.5	4,744.8	43.3	411.9	94.2	1,255.9	0.0	2,379.9	0.0	697.1	0.0	0.0
Decatur	309.1	6,025.0	3.1	532.4	47.9	1,029.4	258.1	4,008.8	0.0	454.4	0.0	0.0
DeKalb	296.7	5,180.6	39.3	354.7	257.5	1,059.3	0.0	2,372.9	0.0	1,393.8	0.0	0.0
Dickson	40.3	7,890.3	15.8	807.9	24.5	1,823.2	0.0	4,740.1	0.0	519.2	0.0	0.0
Dyer	0.0	2,234.6	0.0	109.0	0.0	301.4	0.0	1,259.3	0.0	564.9	0.0	0.0
Fayette	488.7	7,810.9	82.2	440.4	280.2	1,298.0	126.3	5,572.4	0.0	500.1	0.0	0.0
Fentress	2,149.9	8,237.0	118.1	1,060.3	1,024.9	2,262.0	976.1	4,628.3	30.8	286.4	0.0	0.0
Franklin	107.6	6,389.9	17.3	678.6	85.9	1,951.1	4.4	3,670.9	0.0	89.3	0.0	0.0
Gibson	0.0	1,635.1	0.0	45.4	0.0	240.9	0.0	992.1	0.0	356.8	0.0	0.0
Giles	179.1	5,585.2	7.8	441.1	153.4	1,871.5	18.0	3,164.0	0.0	108.6	0.0	0.0
Grainger	313.7	4,444.1	23.2	462.0	185.4	1,244.1	105.1	2,082.9	0.0	655.2	0.0	0.0
Greene	689.0	7,363.9	81.3	545.8	327.6	1,785.0	273.5	3,483.0	6.5	1,530.5	0.0	19.6
Grundy	566.6	6,289.8	18.7	778.6	363.0	1,885.3	173.1	2,977.8	11.8	648.2	0.0	0.0
Hamblen	306.4	1,727.8	7.0	37.7	50.9	168.3	248.4	1,048.6	0.0	473.3	0.0	0.0
Hamilton	1,338.8	6,664.0	71.0	836.0	478.3	1,535.1	789.4	4,119.5	0.0	173.3	0.0	0.0
Hancock	78.2	2,601.7	5.3	305.9	58.0	564.7	14.8	1,307.1	0.0	424.0	0.0	0.0
Hardeman	938.7	9,540.6	93.5	551.9	430.9	2,106.1	414.3	6,074.9	0.0	807.6	0.0	0.0
Hardin	1,217.0	7,520.5	103.4	534.8	761.6	2,003.2	352.0	4,360.7	0.0	621.9	0.0	0.0
Hawkins	535.5	6,077.3	81.1	665.8	225.5	1,141.1	228.9	3,427.2	0.0	843.1	0.0	0.0
Haywood	0.8	4,898.8	0.8	146.7	0.0	498.7	0.0	2,508.4	0.0	1,745.0	0.0	0.0
Henderson	852.7	6,950.1	52.4	341.0	442.9	1,394.8	357.5	4,247.3	0.0	966.9	0.0	0.0
Henry	67.7	7,839.2	6.5	358.2	61.2	1,549.7	0.0	5,020.3	0.0	911.0	0.0	0.0
Hickman	286.0	12,963.7	11.6	1,199.7	66.9	2,853.2	207.5	8,071.5	0.0	839.3	0.0	0.0
Houston	13.6	4,225.1	8.9	306.2	4.7	944.9	0.0	2,836.7	0.0	137.3	0.0	0.0
Humphreys	84.9	9,727.4	1.3	789.6	58.1	2,626.5	25.5	6,016.6	0.0	294.6	0.0	0.0
Jackson	210.2	5,802.8	20.2	481.6	180.8	1,308.1	9.2	3,158.4	0.0	854.7	0.0	0.0
Jefferson	268.3	2,701.2	3.9	155.5	130.9	438.0	133.5	1,823.3	0.0	284.4	0.0	0.0
Johnson	894.5	5,537.5	71.5	614.1	401.4	1,446.9	391.4	3,022.0	30.3	454.5	0.0	0.0
Knox	746.2	5,172.1	60.7	275.9	359.3	870.1	326.2	2,803.9	0.0	1,222.2	0.0	0.0
Lake	378.6	899.4	0.0	11.1	0.0	303.2	107.7	335.4	270.9	194.3	0.0	55.4
Lauderdale	195.9	4,607.1	0.0	122.1	6.0	639.7	132.6	2,353.4	57.3	1,451.4	0.0	40.5
Lawrence	0.0	7,232.2	0.0	701.0	0.0	1,827.2	0.0	4,315.2	0.0	388.8	0.0	0.0
Lewis	33.7	5,596.9	16.0	535.6	12.0	1,500.3	5.7	3,516.8	0.0	44.3	0.0	0.0
Lincoln	274.5	4,277.5	44.6	510.4	229.9	2,026.9	0.0	1,740.3	0.0	0.0	0.0	0.0
Loudon	663.1	2,301.3	23.7	191.9	130.5	270.3	508.9	1,501.8	0.0	337.2	0.0	0.0

Table 46. – *Wood and bark fresh weight of crowns in live trees on timberland by county and height class, Tennessee, 1989* – Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	1,746.5	3,949.7	117.7	528.7	652.8	1,008.7	976.0	2,188.3	0.0	224.0	0.0	0.0
McNairy	1,307.1	6,334.3	105.5	858.0	678.6	2,153.7	522.9	3,208.5	0.0	114.2	0.0	0.0
Macon	5.0	3,040.3	0.0	188.8	5.0	527.9	0.0	1,822.1	0.0	501.5	0.0	0.0
Madison	168.0	7,447.3	23.9	293.9	135.0	953.0	9.1	5,250.8	0.0	949.6	0.0	0.0
Marion	766.7	9,005.3	52.7	1,135.4	308.0	2,354.5	392.9	4,897.9	13.1	580.0	0.0	37.5
Marshall	204.0	2,619.0	43.2	278.5	160.9	753.9	0.0	1,473.3	0.0	113.2	0.0	0.0
Maury	29.5	4,269.2	7.5	341.1	22.0	1,588.7	0.0	2,241.9	0.0	97.6	0.0	0.0
Meigs	842.4	2,580.8	22.0	216.1	367.5	623.5	453.0	1,611.0	0.0	130.2	0.0	0.0
Monroe	3,876.7	9,204.5	296.6	923.6	1,567.1	2,259.7	1,970.0	5,344.9	42.9	676.3	0.0	0.0
Montgomery	133.1	5,476.0	9.2	454.4	123.9	1,104.5	0.0	3,389.9	0.0	527.2	0.0	0.0
Moore	61.3	1,833.2	10.7	96.3	34.3	342.2	16.3	1,228.9	0.0	165.9	0.0	0.0
Morgan	1,579.7	10,252.0	97.5	1,306.7	713.0	2,840.2	725.8	5,127.3	43.5	977.7	0.0	0.0
Obion	110.2	4,590.9	1.2	155.0	6.8	559.4	31.2	2,254.4	70.9	1,379.0	0.0	243.2
Overton	560.4	7,170.5	26.0	654.0	85.8	1,466.0	431.2	4,606.2	17.4	444.3	0.0	0.0
Perry	159.6	7,802.4	22.5	749.1	131.9	2,220.7	5.2	4,696.9	0.0	135.7	0.0	0.0
Pickett	160.2	3,176.3	6.5	321.2	93.7	509.7	60.0	1,673.5	0.0	671.8	0.0	0.0
Polk	3,787.4	4,502.0	220.2	632.3	1,150.8	1,209.5	2,181.6	2,341.3	227.5	318.9	7.4	0.0
Putnam	317.0	6,360.7	3.9	588.2	94.9	1,338.4	218.2	3,564.4	0.0	711.0	0.0	158.8
Rhea	921.2	4,608.9	19.3	396.2	538.2	1,057.3	349.5	2,852.2	14.2	303.3	0.0	0.0
Roane	621.2	6,349.8	17.3	577.6	89.4	1,767.8	514.5	3,825.2	0.0	179.2	0.0	0.0
Robertson	4.7	2,253.8	0.0	39.9	4.7	437.3	0.0	1,703.6	0.0	73.0	0.0	0.0
Rutherford	542.5	2,821.8	96.9	386.9	429.4	1,538.9	16.1	896.1	0.0	0.0	0.0	0.0
Scott	1,842.0	12,938.7	39.8	1,118.4	527.4	2,413.2	1,257.4	8,426.1	17.4	981.0	0.0	0.0
Sequatchie	1,248.2	3,850.1	72.9	576.2	621.7	1,373.8	553.6	1,825.0	0.0	75.1	0.0	0.0
Sevier	1,156.7	4,234.1	35.6	561.1	448.5	1,134.3	661.2	2,102.5	11.5	436.2	0.0	0.0
Shelby	27.0	6,214.7	3.5	291.9	13.2	1,168.0	10.3	3,479.5	0.0	1,275.2	0.0	0.0
Smith	130.6	3,328.7	15.9	224.2	114.7	814.0	0.0	1,945.2	0.0	345.2	0.0	0.0
Stewart	130.2	8,767.0	9.4	651.5	98.7	1,553.2	22.1	5,504.7	0.0	1,057.7	0.0	0.0
Sullivan	771.8	4,761.4	27.4	308.3	304.6	1,088.6	383.1	2,723.4	56.7	641.2	0.0	0.0
Sumner	70.3	2,870.9	0.5	153.7	69.8	662.2	0.0	1,888.4	0.0	166.5	0.0	0.0
Tipton	0.4	2,837.9	0.4	120.7	0.0	407.3	0.0	1,553.5	0.0	756.4	0.0	0.0
Trousdale	96.4	787.3	2.9	133.9	93.5	379.7	0.0	273.7	0.0	0.0	0.0	0.0
Unicoi	1,139.4	4,041.3	37.5	429.8	384.2	627.2	497.4	2,394.9	220.3	589.4	0.0	0.0
Union	481.5	3,543.2	37.1	345.0	212.1	597.3	232.3	2,030.0	0.0	570.9	0.0	0.0
Van Buren	917.3	4,263.7	57.5	477.6	609.3	1,164.4	250.6	2,141.6	0.0	480.1	0.0	0.0
Warren	13.2	4,451.5	0.0	407.7	13.2	1,158.0	0.0	2,357.2	0.0	528.5	0.0	0.0
Washington	391.7	2,727.5	4.5	180.0	109.4	459.7	217.1	1,493.2	60.8	594.6	0.0	0.0
Wayne	552.0	12,241.1	70.3	1,389.5	379.2	3,589.6	102.4	7,072.2	0.0	189.7	0.0	0.0
Weakley	276.4	4,659.6	0.0	105.1	145.3	800.7	123.6	2,917.4	7.4	836.4	0.0	0.0
White	673.9	5,623.9	59.2	463.3	559.9	759.9	54.9	3,205.3	0.0	1,195.4	0.0	0.0
Williamson	286.0	6,435.0	37.6	472.4	237.2	1,488.4	11.2	3,343.8	0.0	1,130.3	0.0	0.0
Wilson	422.8	1,810.9	119.3	154.3	303.5	941.2	0.0	641.8	0.0	73.6	0.0	0.0
All counties	54,321.9	510,618.2	3,669.8	44,921.8	24,354.1	120,830.5	24,718.5	294,387.5	1,572.1	49,840.3	7.4	638.1

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 47. — *Wood and bark dry weight of live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	1,910.5	12,841.4	12.4	1,437.1	402.5	2,249.6	1,463.0	8,269.5	32.6	885.2	0.0	0.0
Bedford	514.3	6,327.8	96.1	1,045.5	418.2	1,310.9	0.0	3,478.3	0.0	493.1	0.0	0.0
Benton	929.9	14,365.4	277.5	1,832.2	652.4	3,507.2	0.0	8,485.4	0.0	540.6	0.0	0.0
Bledsoe	3,754.0	11,011.9	365.9	1,827.7	2,059.9	3,628.0	1,328.2	5,433.0	0.0	123.2	0.0	0.0
Blount	2,015.2	5,628.9	150.2	687.4	548.4	1,644.1	1,289.7	3,164.2	26.9	133.3	0.0	0.0
Bradley	2,591.2	5,013.3	208.3	502.7	266.7	778.6	2,116.2	3,201.7	0.0	530.2	0.0	0.0
Campbell	2,779.4	25,199.9	129.8	2,437.5	786.5	3,411.8	1,863.1	15,118.4	0.0	4,133.8	0.0	98.5
Cannon	560.0	7,813.8	119.9	878.1	248.2	2,046.5	191.8	4,714.8	0.0	174.3	0.0	0.0
Carroll	951.3	17,794.2	146.0	2,144.1	154.2	3,944.7	546.5	10,584.1	104.6	1,121.2	0.0	0.0
Carter	2,117.4	18,787.6	116.6	1,341.5	611.8	3,193.5	816.2	11,520.8	572.7	2,693.4	0.0	38.3
Cheatam	277.0	12,638.7	20.9	1,635.2	164.6	1,532.6	91.6	8,390.1	0.0	1,080.8	0.0	0.0
Chester	1,730.3	6,915.6	121.9	1,038.5	550.7	1,504.8	1,057.7	4,243.6	0.0	128.7	0.0	0.0
Claiborne	579.3	16,646.1	22.7	2,087.6	147.8	3,297.8	408.9	10,025.1	0.0	1,175.5	0.0	60.1
Clay	299.1	7,072.2	154.0	1,168.6	78.4	3,035.8	66.7	2,867.8	0.0	0.0	0.0	0.0
Cocke	2,448.0	14,373.8	207.8	1,450.9	1,129.5	3,576.7	1,047.0	8,992.5	63.8	353.8	0.0	0.0
Coffee	0.0	12,794.4	0.0	1,119.2	0.0	2,273.9	0.0	8,917.4	0.0	484.0	0.0	0.0
Crockett	0.0	2,561.2	0.0	389.4	0.0	261.2	0.0	1,020.9	0.0	889.7	0.0	0.0
Cumberland	6,425.0	26,820.7	967.2	4,542.7	2,065.6	6,917.1	3,137.5	14,487.1	254.7	873.9	0.0	0.0
Davidson	491.0	10,501.9	217.1	1,361.8	273.9	2,559.7	0.0	5,323.8	0.0	1,256.5	0.0	0.0
Decatur	1,084.4	14,183.3	16.4	1,562.2	146.6	2,078.8	921.4	9,568.4	0.0	973.8	0.0	0.0
DeKalb	863.9	12,409.7	209.1	1,151.1	654.8	1,993.7	0.0	6,101.0	0.0	3,164.0	0.0	0.0
Dickson	132.7	18,127.9	85.0	2,490.7	47.7	3,622.3	0.0	10,940.6	0.0	1,074.2	0.0	0.0
Dyer	0.0	4,489.2	0.0	325.5	0.0	647.4	0.0	2,429.0	0.0	1,087.3	0.0	0.0
Fayette	1,477.1	16,522.1	431.9	1,569.5	600.4	2,446.2	444.8	11,623.2	0.0	883.2	0.0	0.0
Fentress	5,904.9	19,276.7	485.7	3,397.1	2,436.5	4,433.1	2,898.7	10,840.4	84.0	606.1	0.0	0.0
Franklin	305.3	14,976.9	91.6	2,194.9	194.2	4,098.4	19.5	8,483.8	0.0	199.8	0.0	0.0
Gibson	0.0	3,860.2	0.0	158.6	0.0	499.2	0.0	2,468.8	0.0	733.6	0.0	0.0
Giles	259.3	12,731.1	31.7	1,543.2	202.0	3,755.6	25.6	7,171.7	0.0	260.5	0.0	0.0
Grainger	904.1	11,094.1	89.7	1,411.8	495.5	2,611.4	318.9	5,359.1	0.0	1,711.9	0.0	0.0
Greene	2,127.7	16,965.1	354.7	1,679.6	884.2	3,895.6	861.8	8,246.3	27.0	3,097.3	0.0	46.4
Grundy	1,449.8	13,877.7	72.4	2,337.7	858.9	3,527.9	496.3	6,711.0	22.3	1,301.1	0.0	0.0
Hamblen	877.4	3,896.1	38.1	106.7	125.7	333.3	713.6	2,462.8	0.0	993.3	0.0	0.0
Hamilton	4,322.4	15,843.2	332.4	2,595.7	1,288.2	3,158.5	2,701.8	9,778.0	0.0	311.0	0.0	0.0
Hancock	215.5	6,213.7	28.8	914.4	139.1	1,242.2	47.6	3,067.2	0.0	989.9	0.0	0.0
Hardeman	3,101.2	20,962.7	489.9	1,883.3	1,016.6	4,244.2	1,594.6	13,249.6	0.0	1,585.6	0.0	0.0
Hardin	3,401.7	16,073.8	505.1	1,781.6	1,653.0	3,731.2	1,243.6	9,727.0	0.0	834.1	0.0	0.0
Hawkins	1,688.1	15,320.5	339.8	1,952.4	638.0	2,716.6	710.3	8,700.3	0.0	1,951.2	0.0	0.0
Haywood	3.7	9,525.6	3.7	520.1	0.0	1,078.9	0.0	5,144.7	0.0	2,781.8	0.0	0.0
Henderson	2,432.2	14,586.3	261.8	961.0	958.6	2,481.2	1,211.9	9,414.1	0.0	1,730.1	0.0	0.0
Henry	189.2	17,571.3	33.7	1,249.1	155.5	2,882.5	0.0	11,567.0	0.0	1,872.7	0.0	0.0
Hickman	813.7	30,821.2	62.2	3,645.7	154.2	5,637.5	597.3	19,694.2	0.0	1,843.9	0.0	0.0
Houston	67.9	9,878.4	46.7	915.2	21.2	1,997.0	0.0	6,717.1	0.0	249.1	0.0	0.0
Humphreys	212.8	22,207.3	6.4	2,224.7	135.6	5,105.6	70.8	14,303.5	0.0	573.5	0.0	0.0
Jackson	603.6	13,459.5	106.5	1,517.6	473.5	2,526.1	23.5	7,668.5	0.0	1,747.2	0.0	0.0
Jefferson	691.8	6,414.5	14.2	512.1	287.9	956.0	389.6	4,334.0	0.0	612.4	0.0	0.0
Johnson	1,564.1	13,942.4	210.3	1,924.1	486.5	3,236.5	781.5	7,645.5	85.9	1,136.3	0.0	0.0
Knox	2,214.3	11,843.7	309.2	965.1	988.0	1,781.6	917.1	6,301.8	0.0	2,795.2	0.0	0.0
Lake	1,274.4	2,216.3	0.0	33.1	0.0	656.2	376.3	813.6	898.1	544.7	0.0	168.8
Lauderdale	845.7	9,689.7	0.0	402.6	34.3	1,496.3	622.6	5,215.9	188.8	2,406.9	0.0	168.0
Lawrence	0.0	16,809.5	0.0	2,073.0	0.0	3,413.1	0.0	10,506.2	0.0	817.1	0.0	0.0
Lewis	135.6	13,254.3	80.9	1,561.3	30.8	3,163.2	23.8	8,397.7	0.0	132.1	0.0	0.0
Lincoln	762.1	10,198.0	234.9	1,604.3	527.2	4,352.0	0.0	4,241.7	0.0	0.0	0.0	0.0
Loudon	2,051.5	4,874.2	127.0	593.6	358.4	615.1	1,566.1	3,025.7	0.0	639.7	0.0	0.0

Table 47. – *Wood and bark dry weight of live trees on timberland by county and height class, Tennessee, 1989* – Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	4,838.9	9,151.7	499.3	1,537.1	1,526.0	2,009.1	2,813.5	5,037.6	0.0	568.0	0.0	0.0
McNairy	4,120.2	14,766.3	546.7	2,800.3	1,549.7	4,075.8	2,023.7	7,618.5	0.0	271.6	0.0	0.0
Macon	14.0	7,591.1	0.0	554.1	14.0	1,000.2	0.0	4,807.9	0.0	1,228.9	0.0	0.0
Madison	534.5	15,637.5	124.0	955.5	365.4	2,044.8	45.1	11,162.2	0.0	1,475.1	0.0	0.0
Marion	2,204.1	22,228.8	254.1	3,560.1	693.1	5,036.5	1,225.7	12,301.7	31.3	1,258.0	0.0	72.4
Marshall	647.1	6,158.7	230.8	928.8	416.3	1,631.5	0.0	3,370.0	0.0	228.4	0.0	0.0
Maury	92.2	10,357.8	37.7	1,058.6	54.6	3,669.5	0.0	5,392.4	0.0	237.3	0.0	0.0
Meigs	2,621.5	5,911.2	110.1	766.2	923.0	1,138.1	1,588.5	3,775.4	0.0	231.5	0.0	0.0
Monroe	10,118.2	21,594.4	1,171.2	2,851.7	3,239.7	4,482.6	5,581.5	12,877.0	125.8	1,383.2	0.0	0.0
Montgomery	423.9	12,310.4	47.9	1,514.1	376.0	2,204.1	0.0	7,735.5	0.0	856.7	0.0	0.0
Moore	194.5	4,158.3	56.5	310.3	76.4	746.8	61.6	2,850.9	0.0	250.2	0.0	0.0
Morgan	3,980.3	23,905.0	333.4	4,311.5	1,522.7	5,636.8	1,959.6	11,826.8	164.7	2,129.8	0.0	0.0
Obion	510.5	9,957.0	11.5	523.8	50.4	1,265.3	158.0	4,995.3	290.6	2,871.1	0.0	301.5
Overton	1,513.7	18,133.2	124.6	1,948.6	201.6	3,013.2	1,143.0	12,078.4	44.5	1,093.0	0.0	0.0
Perry	439.0	19,454.3	102.7	2,304.3	315.6	4,621.8	20.7	12,243.4	0.0	284.9	0.0	0.0
Pickett	370.4	7,441.2	36.2	940.0	193.7	1,030.6	140.6	4,118.0	0.0	1,352.7	0.0	0.0
Polk	9,390.4	10,777.8	817.6	1,899.1	2,083.0	2,532.5	5,776.3	5,630.2	687.1	716.0	26.4	0.0
Putnam	908.7	14,846.1	16.0	1,738.5	282.0	2,656.4	610.7	8,473.5	0.0	1,615.2	0.0	362.5
Rhea	2,169.7	10,919.2	77.4	1,192.8	1,105.9	2,106.9	934.7	6,926.3	51.7	693.3	0.0	0.0
Roane	2,101.0	14,921.3	76.1	1,653.0	294.0	3,500.7	1,730.9	9,238.8	0.0	528.8	0.0	0.0
Robertson	19.6	5,135.8	0.0	111.9	19.6	874.9	0.0	3,960.5	0.0	188.6	0.0	0.0
Rutherford	1,511.7	6,658.4	510.5	1,309.0	950.8	3,296.3	50.4	2,053.1	0.0	0.0	0.0	0.0
Scott	4,527.8	30,332.5	156.6	3,554.3	1,052.9	4,844.7	3,267.3	19,867.5	51.0	2,066.1	0.0	0.0
Sequatchie	3,315.5	9,388.6	291.1	1,893.3	1,438.9	2,815.5	1,585.5	4,518.1	0.0	161.7	0.0	0.0
Sevier	3,289.0	10,630.5	161.3	1,857.0	1,192.4	2,467.6	1,909.8	5,309.5	25.5	996.3	0.0	0.0
Shelby	102.7	14,288.2	18.5	981.9	38.7	2,407.4	45.4	8,218.2	0.0	2,680.7	0.0	0.0
Smith	307.2	7,730.4	82.2	740.7	225.1	1,719.8	0.0	4,541.8	0.0	728.2	0.0	0.0
Stewart	395.5	19,705.7	48.4	1,749.4	274.2	3,015.9	72.8	12,627.1	0.0	2,313.3	0.0	0.0
Sullivan	1,826.4	11,764.9	96.5	995.7	542.9	2,321.7	998.2	7,064.5	188.8	1,383.0	0.0	0.0
Sumner	202.1	6,742.1	2.4	493.6	199.7	1,358.5	0.0	4,501.2	0.0	388.9	0.0	0.0
Tipton	1.9	5,669.1	1.9	446.7	0.0	731.8	0.0	2,975.1	0.0	1,515.5	0.0	0.0
Trousdale	231.8	2,005.6	14.9	422.0	216.9	847.2	0.0	736.3	0.0	0.0	0.0	0.0
Unicoi	2,128.0	9,802.7	177.3	1,417.9	396.3	1,201.6	978.3	5,776.1	576.1	1,407.1	0.0	0.0
Union	1,427.1	8,395.8	194.7	1,063.9	555.6	1,246.9	676.8	4,926.0	0.0	1,159.0	0.0	0.0
Van Buren	2,323.9	9,785.2	245.3	1,622.8	1,473.4	2,070.6	605.2	5,071.2	0.0	1,020.6	0.0	0.0
Warren	28.0	10,078.3	0.0	1,191.3	28.0	2,219.0	0.0	5,645.9	0.0	1,022.1	0.0	0.0
Washington	958.4	6,326.7	33.4	577.0	253.5	947.0	512.2	3,496.6	159.3	1,306.1	0.0	0.0
Wayne	1,504.7	29,317.9	358.5	4,368.3	719.5	7,300.8	426.7	17,280.9	0.0	367.9	0.0	0.0
Weakley	955.7	9,927.5	0.0	364.4	431.5	1,483.5	494.8	6,437.9	29.3	1,641.7	0.0	0.0
White	1,701.8	13,091.4	262.5	1,354.7	1,268.9	1,513.1	170.4	7,729.0	0.0	2,494.6	0.0	0.0
Williamson	943.2	14,030.7	189.8	1,525.9	714.6	3,120.4	38.8	7,342.6	0.0	2,041.7	0.0	0.0
Wilson	1,511.9	4,120.2	634.9	509.4	876.9	1,971.2	0.0	1,485.8	0.0	153.7	0.0	0.0
All counties	148,757.6	1,184,374.5	16,588.5	140,585.8	54,706.1	245,267.6	72,649.6	694,182.8	4,787.0	103,021.8	26.4	1,316.4

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 48. – *Wood and bark dry weight of stems in live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	1,554.0	9,759.6	11.8	1,317.9	322.5	1,629.1	1,193.1	6,172.4	26.6	640.1	0.0	0.0
Bedford	419.4	4,733.3	87.2	961.8	332.2	902.8	0.0	2,489.0	0.0	379.7	0.0	0.0
Benton	762.9	10,954.4	260.8	1,683.5	502.1	2,517.5	0.0	6,363.3	0.0	390.2	0.0	0.0
Bledsoe	3,096.7	8,510.7	344.0	1,681.5	1,631.4	2,636.1	1,121.3	4,101.1	0.0	92.0	0.0	0.0
Blount	1,719.5	4,328.7	140.1	632.4	455.1	1,206.0	1,100.6	2,403.3	23.6	87.1	0.0	0.0
Bradley	2,225.5	3,761.0	195.8	462.5	208.0	523.3	1,821.7	2,394.9	0.0	380.4	0.0	0.0
Campbell	2,341.9	19,197.2	122.1	2,242.5	642.7	2,418.9	1,577.1	11,429.5	0.0	3,029.2	0.0	77.2
Cannon	463.1	6,045.9	112.7	807.9	199.1	1,520.4	151.3	3,594.9	0.0	122.8	0.0	0.0
Carroll	817.8	13,578.5	137.2	1,972.6	124.6	2,798.1	467.3	8,063.7	88.7	744.1	0.0	0.0
Carter	1,740.9	14,491.8	109.8	1,234.2	484.1	2,329.3	672.9	8,758.2	474.1	2,139.5	0.0	30.5
Cheatam	236.4	9,739.1	19.6	1,504.4	137.4	1,114.8	79.4	6,365.3	0.0	754.5	0.0	0.0
Chester	1,479.5	5,340.8	114.6	955.4	430.2	1,074.3	934.6	3,209.5	0.0	101.6	0.0	0.0
Claiborne	494.9	12,747.3	21.3	1,920.6	113.9	2,360.3	359.7	7,550.3	0.0	867.6	0.0	48.5
Clay	266.7	5,385.9	144.7	1,075.1	64.9	2,168.0	57.1	2,142.9	0.0	0.0	0.0	0.0
Cocke	2,061.4	11,146.5	194.2	1,327.9	926.8	2,603.3	883.8	6,930.9	56.6	284.4	0.0	0.0
Coffee	0.0	9,512.1	0.0	1,029.6	0.0	1,582.4	0.0	6,578.1	0.0	321.9	0.0	0.0
Crockett	0.0	1,905.7	0.0	358.2	0.0	170.0	0.0	760.6	0.0	616.8	0.0	0.0
Cumberland	5,424.1	20,442.3	910.1	4,179.3	1,633.1	4,879.4	2,653.7	10,753.1	227.1	630.6	0.0	0.0
Davidson	436.4	7,702.0	204.1	1,252.9	232.3	1,763.4	0.0	3,854.4	0.0	831.3	0.0	0.0
Decatur	939.3	10,838.2	15.5	1,437.2	125.2	1,484.8	798.7	7,204.5	0.0	711.6	0.0	0.0
DeKalb	736.5	9,428.2	196.5	1,059.0	540.0	1,344.2	0.0	4,674.1	0.0	2,350.9	0.0	0.0
Dickson	116.7	13,672.8	79.9	2,291.5	36.8	2,551.6	0.0	8,060.8	0.0	768.9	0.0	0.0
Dyer	0.0	3,269.5	0.0	299.5	0.0	475.0	0.0	1,709.5	0.0	785.5	0.0	0.0
Fayette	1,262.1	12,223.3	406.0	1,438.7	471.7	1,731.7	384.4	8,466.0	0.0	586.9	0.0	0.0
Fentress	4,976.8	14,758.1	457.2	3,123.4	1,985.5	3,099.5	2,463.1	8,099.0	71.0	436.1	0.0	0.0
Franklin	259.7	11,316.5	86.1	2,017.3	156.0	2,905.8	17.5	6,243.9	0.0	149.6	0.0	0.0
Gibson	0.0	2,865.4	0.0	145.9	0.0	345.2	0.0	1,857.2	0.0	517.0	0.0	0.0
Giles	216.2	9,509.8	29.8	1,419.2	165.1	2,657.6	21.3	5,230.4	0.0	202.5	0.0	0.0
Grainger	771.3	8,624.7	84.3	1,298.9	414.8	1,882.2	272.2	4,096.3	0.0	1,347.3	0.0	0.0
Greene	1,840.9	12,765.0	331.3	1,544.6	738.8	2,830.9	746.1	6,161.5	24.6	2,191.3	0.0	36.8
Grundy	1,203.9	10,437.8	68.2	2,144.7	703.1	2,420.8	416.3	4,968.7	16.3	903.5	0.0	0.0
Hamblen	746.0	2,869.4	35.8	98.1	102.8	229.8	607.4	1,830.3	0.0	711.2	0.0	0.0
Hamilton	3,728.2	12,117.8	312.8	2,388.0	1,078.0	2,268.3	2,337.5	7,249.6	0.0	211.9	0.0	0.0
Hancock	180.7	4,770.1	27.1	841.2	112.9	910.2	40.7	2,280.1	0.0	738.6	0.0	0.0
Hardeman	2,682.7	15,753.6	460.5	1,730.9	820.0	3,071.9	1,402.3	9,827.2	0.0	1,123.6	0.0	0.0
Hardin	2,855.3	11,900.1	473.5	1,639.0	1,301.7	2,595.9	1,080.1	7,162.4	0.0	502.8	0.0	0.0
Hawkins	1,466.8	11,888.6	317.4	1,793.9	538.8	2,028.7	610.6	6,621.6	0.0	1,444.5	0.0	0.0
Haywood	3.5	6,775.7	3.5	476.7	0.0	791.3	0.0	3,692.9	0.0	1,814.9	0.0	0.0
Henderson	2,038.5	10,893.2	246.1	879.9	752.1	1,761.1	1,040.3	7,061.1	0.0	1,191.1	0.0	0.0
Henry	158.7	13,233.5	31.6	1,149.1	127.0	2,018.8	0.0	8,690.9	0.0	1,374.7	0.0	0.0
Hickman	684.9	23,545.5	58.5	3,352.7	124.1	3,947.3	502.3	14,875.2	0.0	1,370.4	0.0	0.0
Houston	63.0	7,448.2	43.9	842.0	19.1	1,420.4	0.0	5,017.6	0.0	168.1	0.0	0.0
Humphreys	174.2	16,719.5	6.0	2,046.7	109.4	3,572.6	58.7	10,697.7	0.0	402.5	0.0	0.0
Jackson	512.1	10,147.9	100.2	1,396.2	393.0	1,779.5	19.0	5,712.6	0.0	1,259.5	0.0	0.0
Jefferson	573.1	4,811.0	13.4	471.2	231.3	682.4	328.4	3,217.5	0.0	439.9	0.0	0.0
Johnson	1,289.8	10,901.2	197.7	1,770.2	379.7	2,399.7	640.1	5,853.2	72.3	878.2	0.0	0.0
Knox	1,898.1	8,934.8	290.7	887.9	831.0	1,271.4	776.4	4,673.7	0.0	2,101.8	0.0	0.0
Lake	1,062.5	1,567.6	0.0	30.5	0.0	455.8	316.0	581.5	746.5	383.6	0.0	116.2
Lauderdale	736.1	7,093.1	0.0	370.4	30.9	1,111.0	548.4	3,868.7	156.7	1,595.7	0.0	147.3
Lawrence	0.0	12,827.6	0.0	1,906.3	0.0	2,388.4	0.0	7,930.3	0.0	602.6	0.0	0.0
Lewis	122.9	10,113.6	76.1	1,434.1	25.6	2,265.7	21.2	6,306.4	0.0	107.3	0.0	0.0
Lincoln	646.0	7,718.3	220.8	1,473.5	425.2	3,119.4	0.0	3,125.4	0.0	0.0	0.0	0.0
Loudon	1,754.7	3,601.4	119.4	543.3	300.8	454.8	1,334.4	2,163.9	0.0	439.4	0.0	0.0

Table 48. – *Wood and bark dry weight of stems in live trees on timberland by county and height class, Tennessee, 1989* – Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	4,100.6	7,057.3	469.4	1,413.5	1,245.3	1,437.2	2,385.9	3,755.5	0.0	451.0	0.0	0.0
McNairy	3,540.9	11,383.0	513.9	2,576.3	1,241.4	2,885.2	1,785.6	5,729.5	0.0	192.0	0.0	0.0
Macon	11.8	5,890.1	0.0	509.7	11.8	702.7	0.0	3,731.9	0.0	945.8	0.0	0.0
Madison	461.4	11,542.4	116.2	879.0	304.5	1,511.3	40.6	8,198.3	0.0	953.7	0.0	0.0
Marion	1,856.9	17,200.3	239.3	3,275.0	553.5	3,620.7	1,039.5	9,345.2	24.6	910.0	0.0	49.4
Marshall	561.6	4,653.3	217.0	853.1	344.6	1,176.5	0.0	2,464.2	0.0	159.6	0.0	0.0
Maury	80.1	7,863.1	35.4	966.0	44.7	2,686.1	0.0	4,028.8	0.0	182.2	0.0	0.0
Meigs	2,240.8	4,514.6	103.4	704.9	754.0	788.4	1,383.4	2,860.9	0.0	160.3	0.0	0.0
Monroe	8,578.3	16,581.6	1,102.1	2,623.5	2,624.0	3,208.8	4,745.7	9,755.2	106.6	994.0	0.0	0.0
Montgomery	363.2	9,255.8	45.0	1,393.0	318.2	1,578.6	0.0	5,729.8	0.0	554.4	0.0	0.0
Moore	168.1	3,067.7	53.1	285.5	60.9	537.3	54.1	2,089.6	0.0	155.3	0.0	0.0
Morgan	3,378.9	18,406.6	313.4	3,966.6	1,245.2	3,989.1	1,671.9	8,881.3	148.4	1,569.6	0.0	0.0
Obion	448.9	7,207.3	10.8	480.1	46.6	932.6	140.6	3,602.1	250.9	2,022.8	0.0	169.7
Overton	1,259.9	14,198.4	117.1	1,792.7	162.9	2,167.3	943.5	9,393.2	36.3	845.3	0.0	0.0
Perry	371.4	15,034.6	96.5	2,119.9	256.5	3,286.3	18.4	9,419.1	0.0	209.3	0.0	0.0
Pickett	291.6	5,691.9	34.4	864.8	146.9	729.5	110.2	3,136.8	0.0	960.8	0.0	0.0
Polk	7,960.9	8,387.0	769.2	1,742.1	1,684.3	1,834.7	4,887.4	4,271.4	596.5	538.9	23.6	0.0
Putnam	763.7	11,320.8	15.0	1,597.4	239.1	1,884.6	509.6	6,369.6	0.0	1,200.6	0.0	268.6
Rhea	1,800.7	8,355.7	73.0	1,097.3	893.0	1,494.4	788.3	5,243.1	46.3	520.9	0.0	0.0
Roane	1,818.5	11,476.5	71.5	1,520.7	255.7	2,504.7	1,491.4	7,009.3	0.0	441.7	0.0	0.0
Robertson	17.5	3,809.2	0.0	100.2	17.5	621.3	0.0	2,939.4	0.0	148.3	0.0	0.0
Rutherford	1,281.0	5,026.0	479.8	1,204.3	758.3	2,329.4	42.9	1,492.3	0.0	0.0	0.0	0.0
Scott	3,836.9	23,068.4	147.7	3,269.9	861.8	3,438.2	2,784.3	14,881.4	43.1	1,478.8	0.0	0.0
Sequatchie	2,757.5	7,317.7	273.6	1,732.6	1,160.1	2,032.7	1,323.8	3,432.7	0.0	119.7	0.0	0.0
Sevier	2,782.9	8,284.2	151.7	1,708.5	996.4	1,806.7	1,615.2	4,036.9	19.6	732.2	0.0	0.0
Shelby	89.8	10,890.0	17.4	900.0	32.8	1,737.8	39.6	6,245.8	0.0	2,006.3	0.0	0.0
Smith	251.2	5,732.9	77.2	681.4	174.0	1,213.6	0.0	3,304.2	0.0	533.6	0.0	0.0
Stewart	337.6	14,805.8	45.5	1,609.4	229.4	2,136.9	62.6	9,363.5	0.0	1,696.1	0.0	0.0
Sullivan	1,543.1	8,998.4	89.4	913.2	441.5	1,677.2	843.9	5,389.1	168.3	1,018.8	0.0	0.0
Sumner	170.9	5,082.7	2.2	454.1	168.7	965.4	0.0	3,359.7	0.0	303.5	0.0	0.0
Tipton	1.8	4,176.0	1.8	411.0	0.0	508.1	0.0	2,139.6	0.0	1,117.3	0.0	0.0
Trousdale	189.4	1,574.2	14.0	387.1	175.4	620.7	0.0	566.4	0.0	0.0	0.0	0.0
Unicoi	1,763.7	7,594.8	167.3	1,304.4	295.7	849.3	809.6	4,363.1	491.1	1,078.0	0.0	0.0
Union	1,219.8	6,470.2	183.0	976.4	462.9	897.5	573.9	3,761.7	0.0	834.5	0.0	0.0
Van Buren	1,927.1	7,477.6	230.6	1,493.0	1,211.8	1,439.3	484.6	3,800.9	0.0	744.4	0.0	0.0
Warren	22.1	7,601.0	0.0	1,096.0	22.1	1,554.4	0.0	4,238.6	0.0	712.0	0.0	0.0
Washington	787.7	4,767.2	31.5	530.8	208.2	671.9	417.3	2,610.9	130.8	953.6	0.0	0.0
Wayne	1,267.1	22,490.1	337.0	4,013.2	549.0	5,199.7	381.1	13,020.8	0.0	256.4	0.0	0.0
Weakley	821.4	7,118.3	0.0	333.5	362.7	1,023.9	433.6	4,644.4	25.1	1,116.5	0.0	0.0
White	1,399.8	9,925.9	246.8	1,245.0	1,009.0	1,066.1	144.0	5,813.8	0.0	1,801.0	0.0	0.0
Williamson	819.2	10,332.1	177.4	1,402.0	608.4	2,208.1	33.5	5,333.5	0.0	1,388.5	0.0	0.0
Wilson	1,338.1	3,027.6	596.8	468.7	741.3	1,355.1	0.0	1,092.8	0.0	111.0	0.0	0.0
All counties	125,926.1	899,282.1	15,586.4	129,237.9	44,400.9	174,780.5	61,843.4	519,973.4	4,071.8	74,346.1	23.6	944.3

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 49. — *Wood and bark dry weight of crowns in live trees on timberland by county and height class, Tennessee, 1989**

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
Anderson	356.5	3,081.8	0.6	119.2	80.0	620.4	269.9	2,097.1	6.0	245.1	0.0	0.0
Bedford	94.9	1,594.5	8.9	83.6	86.0	408.1	0.0	989.4	0.0	113.3	0.0	0.0
Benton	167.0	3,410.9	16.6	148.7	150.4	989.7	0.0	2,122.1	0.0	150.5	0.0	0.0
Bledsoe	657.3	2,501.2	22.0	146.2	428.5	991.9	206.9	1,331.9	0.0	31.2	0.0	0.0
Blount	295.7	1,300.2	10.1	55.0	93.3	438.1	189.1	760.9	3.3	46.2	0.0	0.0
Bradley	365.7	1,252.3	12.5	40.2	58.7	255.4	294.5	806.8	0.0	149.8	0.0	0.0
Campbell	437.4	6,002.7	7.7	195.0	143.8	992.9	286.0	3,688.9	0.0	1,104.6	0.0	21.2
Cannon	96.8	1,767.9	7.2	70.3	49.1	526.1	40.5	1,120.0	0.0	51.5	0.0	0.0
Carroll	133.5	4,215.7	8.8	171.5	29.6	1,146.6	79.2	2,520.5	15.9	377.1	0.0	0.0
Carter	376.5	4,295.9	6.8	107.3	127.7	864.2	143.4	2,762.6	98.6	553.9	0.0	7.8
Cheatam	40.6	2,899.7	1.3	130.8	27.2	417.9	12.1	2,024.7	0.0	326.2	0.0	0.0
Chester	250.8	1,574.8	7.3	83.1	120.5	430.5	123.0	1,034.1	0.0	27.1	0.0	0.0
Claiborne	84.4	3,898.8	1.4	167.0	33.9	937.4	49.2	2,474.8	0.0	307.9	0.0	11.7
Clay	32.4	1,686.3	9.2	93.5	13.5	867.9	9.6	724.9	0.0	0.0	0.0	0.0
Cocke	386.5	3,227.3	13.6	123.0	202.7	973.4	163.1	2,061.6	7.1	69.4	0.0	0.0
Coffee	0.0	3,282.4	0.0	89.5	0.0	691.5	0.0	2,339.3	0.0	162.0	0.0	0.0
Crockett	0.0	655.5	0.0	31.1	0.0	91.2	0.0	260.3	0.0	272.9	0.0	0.0
Cumberland	1,000.9	6,378.3	57.0	363.4	432.4	2,037.7	483.9	3,733.9	27.6	243.3	0.0	0.0
Davidson	54.7	2,799.8	13.0	108.9	41.6	796.3	0.0	1,469.4	0.0	425.1	0.0	0.0
Decatur	145.1	3,345.1	1.0	125.0	21.4	594.0	122.7	2,363.9	0.0	262.2	0.0	0.0
DeKalb	127.4	2,981.5	12.5	92.1	114.8	649.5	0.0	1,426.8	0.0	813.1	0.0	0.0
Dickson	16.0	4,455.1	5.1	199.3	10.9	1,070.7	0.0	2,879.8	0.0	305.3	0.0	0.0
Dyer	0.0	1,219.7	0.0	26.0	0.0	172.4	0.0	719.4	0.0	301.9	0.0	0.0
Fayette	215.1	4,298.8	25.9	130.8	128.7	714.5	60.4	3,157.2	0.0	296.3	0.0	0.0
Fentress	928.1	4,518.6	28.5	273.7	451.0	1,333.6	435.6	2,741.4	13.0	170.0	0.0	0.0
Franklin	45.7	3,660.4	5.5	177.7	38.2	1,192.6	2.0	2,239.9	0.0	50.1	0.0	0.0
Gibson	0.0	994.9	0.0	12.7	0.0	154.0	0.0	611.6	0.0	216.5	0.0	0.0
Giles	43.1	3,221.2	1.9	124.0	36.9	1,098.0	4.3	1,941.2	0.0	58.0	0.0	0.0
Grainger	132.8	2,469.5	5.4	112.9	80.6	729.2	46.8	1,262.8	0.0	364.6	0.0	0.0
Greene	286.9	4,200.1	23.4	135.0	145.3	1,064.8	115.7	2,084.8	2.4	906.0	0.0	9.6
Grundy	245.9	3,439.9	4.2	193.0	155.8	1,107.1	79.9	1,742.2	6.0	397.6	0.0	0.0
Hamblen	131.3	1,026.6	2.3	8.5	22.9	103.5	106.2	632.5	0.0	282.1	0.0	0.0
Hamilton	594.1	3,725.4	19.6	207.7	210.2	890.1	364.3	2,528.4	0.0	99.1	0.0	0.0
Hancock	34.7	1,443.6	1.7	73.2	26.2	332.0	6.8	787.1	0.0	251.3	0.0	0.0
Hardeman	418.4	5,209.1	29.4	152.5	196.6	1,172.3	192.4	3,422.4	0.0	462.0	0.0	0.0
Hardin	546.5	4,173.7	31.7	142.5	351.3	1,135.2	163.5	2,564.6	0.0	331.3	0.0	0.0
Hawkins	221.3	3,431.9	22.4	158.5	99.2	687.9	99.7	2,078.8	0.0	506.7	0.0	0.0
Haywood	0.2	2,749.8	0.2	43.5	0.0	287.6	0.0	1,451.8	0.0	967.0	0.0	0.0
Henderson	393.8	3,693.2	15.7	81.2	206.4	720.0	171.6	2,353.0	0.0	539.0	0.0	0.0
Henry	30.5	4,337.8	2.0	99.9	28.5	863.8	0.0	2,876.1	0.0	498.0	0.0	0.0
Hickman	128.7	7,275.7	3.7	293.0	30.1	1,690.2	94.9	4,819.0	0.0	473.5	0.0	0.0
Houston	4.9	2,430.3	2.8	73.2	2.1	576.5	0.0	1,699.5	0.0	81.0	0.0	0.0
Humphreys	38.7	5,487.8	0.4	178.0	26.2	1,533.0	12.1	3,605.9	0.0	171.0	0.0	0.0
Jackson	91.4	3,311.6	6.4	121.4	80.6	746.6	4.5	1,955.9	0.0	487.6	0.0	0.0
Jefferson	118.7	1,603.5	0.9	41.0	56.6	273.5	61.2	1,116.5	0.0	172.5	0.0	0.0
Johnson	274.3	3,041.2	12.6	153.9	106.8	836.8	141.3	1,792.4	13.6	258.1	0.0	0.0
Knox	316.2	2,909.0	18.6	77.2	157.0	510.3	140.6	1,628.1	0.0	693.4	0.0	0.0
Lake	211.8	648.7	0.0	2.7	0.0	200.4	60.3	232.1	151.6	161.1	0.0	52.5
Lauderdale	109.6	2,596.6	0.0	32.2	3.3	385.3	74.2	1,347.3	32.1	811.2	0.0	20.7
Lawrence	0.0	3,981.9	0.0	166.7	0.0	1,024.7	0.0	2,576.0	0.0	214.5	0.0	0.0
Lewis	12.7	3,140.7	4.9	127.2	5.2	897.5	2.6	2,091.3	0.0	24.7	0.0	0.0
Lincoln	116.1	2,479.7	14.1	130.8	102.0	1,232.5	0.0	1,116.3	0.0	0.0	0.0	0.0
Loudon	296.9	1,272.7	7.6	50.4	57.6	160.3	231.7	861.8	0.0	200.3	0.0	0.0

Table 49. — *Wood and bark dry weight of crowns in live trees on timberland by county and height class, Tennessee, 1989* — Continued*

County	Height class in feet† (*from 1-foot stump to treetop*)											
	All classes		<20		20 - 59		60 - 99		100 - 139		≥140	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds											
McMinn	738.3	2,094.5	30.0	123.6	280.7	571.8	427.6	1,282.1	0.0	117.0	0.0	0.0
McNairy	579.3	3,383.3	32.8	224.0	308.4	1,190.6	238.1	1,889.0	0.0	79.6	0.0	0.0
Macon	2.2	1,701.0	0.0	44.3	2.2	297.6	0.0	1,076.0	0.0	283.1	0.0	0.0
Madison	73.1	4,095.2	7.8	76.4	60.8	533.4	4.5	2,963.9	0.0	521.4	0.0	0.0
Marion	347.3	5,028.5	14.8	285.2	139.7	1,415.8	186.1	2,956.5	6.7	348.0	0.0	23.0
Marshall	85.5	1,505.3	13.9	75.7	71.6	455.0	0.0	905.9	0.0	68.8	0.0	0.0
Maury	12.1	2,494.6	2.3	92.6	9.9	983.4	0.0	1,363.6	0.0	55.1	0.0	0.0
Meigs	380.7	1,396.6	6.6	61.3	169.0	349.7	205.1	914.5	0.0	71.2	0.0	0.0
Monroe	1,539.9	5,012.8	69.1	228.1	615.8	1,273.7	835.8	3,121.8	19.2	389.1	0.0	0.0
Montgomery	60.7	3,054.6	2.9	121.1	57.8	625.5	0.0	2,005.8	0.0	302.2	0.0	0.0
Moore	26.4	1,090.6	3.4	24.8	15.5	209.5	7.5	761.4	0.0	94.8	0.0	0.0
Morgan	601.4	5,498.4	20.0	344.9	277.4	1,647.7	287.7	2,945.6	16.3	560.2	0.0	0.0
Obion	61.6	2,749.7	0.7	43.6	3.8	332.8	17.4	1,393.3	39.7	848.2	0.0	131.8
Overton	253.8	3,934.8	7.5	155.9	38.7	846.0	199.5	2,685.2	8.2	247.7	0.0	0.0
Perry	67.7	4,419.7	6.2	184.3	59.1	1,335.5	2.4	2,824.3	0.0	75.6	0.0	0.0
Pickett	78.8	1,749.3	1.8	75.2	46.7	301.1	30.3	981.2	0.0	391.9	0.0	0.0
Polk	1,429.5	2,390.8	48.5	157.0	398.7	697.9	888.9	1,358.8	90.6	177.1	2.8	0.0
Putnam	145.1	3,525.3	1.0	141.2	43.0	771.7	101.1	2,103.9	0.0	414.5	0.0	93.9
Rhea	369.0	2,563.5	4.3	95.4	212.9	612.5	146.4	1,683.2	5.4	172.3	0.0	0.0
Roane	282.4	3,444.8	4.6	132.2	38.3	996.0	239.6	2,229.5	0.0	87.1	0.0	0.0
Robertson	2.1	1,326.6	0.0	11.6	2.1	253.6	0.0	1,021.1	0.0	40.3	0.0	0.0
Rutherford	230.7	1,632.4	30.6	104.7	192.6	966.9	7.5	560.8	0.0	0.0	0.0	0.0
Scott	690.9	7,264.1	8.9	284.3	191.1	1,406.5	483.0	4,986.1	7.9	587.2	0.0	0.0
Sequatchie	558.0	2,070.9	17.5	160.8	278.9	782.8	261.6	1,085.3	0.0	42.0	0.0	0.0
Sevier	506.0	2,346.3	9.6	148.6	196.0	660.9	294.6	1,272.6	5.9	264.1	0.0	0.0
Shelby	12.8	3,398.2	1.1	81.9	6.0	669.6	5.8	1,972.4	0.0	674.4	0.0	0.0
Smith	56.1	1,997.5	4.9	59.3	51.1	506.1	0.0	1,237.6	0.0	194.5	0.0	0.0
Stewart	57.9	4,899.9	2.9	140.0	44.8	879.0	10.2	3,263.7	0.0	617.2	0.0	0.0
Sullivan	283.3	2,766.5	7.1	82.5	101.4	644.4	154.3	1,675.3	20.5	364.3	0.0	0.0
Sumner	31.2	1,659.4	0.1	39.5	31.0	393.0	0.0	1,141.5	0.0	85.4	0.0	0.0
Tipton	0.1	1,493.1	0.1	35.7	0.0	223.7	0.0	835.5	0.0	398.2	0.0	0.0
Trousdale	42.4	431.4	0.9	34.9	41.5	226.6	0.0	169.9	0.0	0.0	0.0	0.0
Unicoi	364.3	2,207.9	9.9	113.4	100.6	352.4	168.7	1,412.9	85.1	329.1	0.0	0.0
Union	207.3	1,925.6	11.7	87.5	92.7	349.4	102.9	1,164.3	0.0	324.4	0.0	0.0
Van Buren	396.9	2,307.7	14.7	129.8	261.6	631.3	120.6	1,270.3	0.0	276.3	0.0	0.0
Warren	5.9	2,477.3	0.0	95.3	5.9	664.6	0.0	1,407.4	0.0	310.1	0.0	0.0
Washington	170.7	1,559.5	1.9	46.2	45.3	275.1	94.9	885.7	28.5	352.5	0.0	0.0
Wayne	237.6	6,827.8	21.5	355.1	170.5	2,101.2	45.6	4,260.1	0.0	111.5	0.0	0.0
Weakley	134.2	2,809.2	0.0	30.9	68.8	459.6	61.3	1,793.5	4.2	525.2	0.0	0.0
White	302.1	3,165.5	15.8	109.8	259.9	446.9	26.4	1,915.2	0.0	693.6	0.0	0.0
Williamson	124.0	3,698.6	12.5	123.9	106.3	912.3	5.3	2,009.1	0.0	653.2	0.0	0.0
Wilson	173.7	1,092.5	38.1	40.8	135.6	616.2	0.0	393.0	0.0	42.6	0.0	0.0
All counties	22,831.6	285,092.4	1,002.1	11,347.9	10,305.2	70,487.1	10,806.2	174,209.4	715.3	28,675.7	2.8	372.2

*Numbers in columns and rows may not total due to rounding.
†Heights measured only on trees ≥5.0 inches in d.b.h. All trees ≥1.0 inch in d.b.h. but <5.0 inches in d.b.h. are placed in <20-foot class.
‡Softwood species.
§Hardwood species.

Table 50. – *Wood and bark fresh weight of trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	4,133.1	24,852.2	3,689.8	16,955.1	184.2	3,189.1	0.0	0.0	122.9	1,088.4	136.1	3,619.6
Bedford	1,055.1	12,073.2	473.6	5,988.9	395.4	2,834.1	0.0	179.7	0.0	797.1	186.1	2,273.4
Benton	1,862.5	28,961.9	1,279.5	19,393.3	17.3	2,669.5	0.0	187.9	0.0	2,255.2	565.7	4,456.1
Bledsoe	8,161.6	22,456.4	6,843.8	13,874.9	34.9	2,213.1	0.0	165.6	433.7	1,761.0	849.2	4,441.8
Blount	4,711.7	10,976.0	3,827.1	8,017.0	31.6	760.4	0.0	0.0	377.5	317.4	475.4	1,881.1
Bradley	5,901.7	10,626.0	4,831.4	7,357.8	0.0	570.4	0.0	118.2	666.8	912.8	403.5	1,666.8
Campbell	6,215.6	49,222.5	5,263.7	34,257.9	130.9	5,393.4	0.0	0.0	457.6	2,892.5	363.5	6,678.7
Cannon	1,176.6	15,402.7	781.1	9,646.4	104.9	2,605.7	28.7	0.0	30.0	1,152.2	232.0	1,998.3
Carroll	2,175.5	35,697.6	1,607.5	26,068.0	21.7	2,715.9	48.2	228.9	202.5	1,685.9	295.6	4,998.9
Carter	4,893.9	35,205.7	4,112.7	26,120.6	108.3	4,642.3	0.0	103.4	322.4	1,132.4	350.5	3,207.0
Cheatam	567.2	24,808.7	523.8	16,575.0	0.0	2,301.0	0.0	253.2	0.0	2,390.7	43.4	3,288.7
Chester	4,087.0	14,319.2	3,164.7	9,901.5	131.7	942.1	335.7	71.3	112.3	934.6	342.7	2,469.7
Claiborne	1,322.7	30,705.6	1,063.0	21,554.3	78.8	3,720.5	0.0	0.0	58.8	801.5	122.1	4,629.3
Clay	590.9	13,874.6	292.2	9,062.0	0.0	958.5	0.0	125.7	0.0	1,035.5	298.8	2,692.8
Cocke	5,883.5	27,263.2	4,488.1	20,241.1	192.7	2,258.5	0.0	0.0	380.7	1,318.3	822.0	3,445.3
Coffee	0.0	26,537.4	0.0	18,016.7	0.0	3,158.4	0.0	181.2	0.0	2,298.0	0.0	2,883.0
Crockett	0.0	4,853.6	0.0	3,842.3	0.0	114.3	0.0	77.8	0.0	142.2	0.0	676.9
Cumberland	14,196.7	54,706.3	10,922.1	34,453.6	330.6	4,401.4	300.0	695.2	543.2	3,998.4	2,100.8	11,157.8
Davidson	1,055.2	20,444.1	370.9	12,071.8	188.4	3,239.7	0.0	0.0	0.0	2,110.1	495.8	3,022.4
Decatur	2,518.0	26,678.7	2,110.4	20,589.3	59.8	1,636.4	0.0	93.4	138.9	1,121.2	208.9	3,238.4
DeKalb	1,887.2	25,059.5	1,238.8	17,608.8	91.9	1,937.3	71.5	216.7	29.6	2,177.5	455.3	3,119.1
Dickson	265.7	35,096.6	96.2	24,937.5	0.0	1,935.3	0.0	214.0	0.0	2,801.2	169.5	5,208.6
Dyer	0.0	10,454.0	0.0	6,262.1	0.0	1,481.0	0.0	0.0	0.0	2,073.9	0.0	637.0
Fayette	3,325.5	33,920.3	1,904.8	22,570.8	198.5	5,029.9	83.0	0.0	277.6	2,271.0	861.6	4,048.6
Fentress	13,225.1	39,557.4	11,115.1	25,129.9	112.6	2,520.6	139.9	151.3	497.8	3,466.4	1,359.7	8,289.2
Franklin	666.1	31,645.6	365.8	18,384.3	67.8	3,410.4	0.0	36.5	0.0	4,182.2	232.5	5,632.1
Gibson	0.0	7,211.9	0.0	5,558.0	0.0	630.7	0.0	0.0	0.0	702.7	0.0	320.5
Giles	616.0	24,511.6	417.4	15,392.7	100.7	3,860.4	33.7	182.5	0.0	1,252.9	64.2	3,823.3
Grainger	1,944.9	20,556.1	1,602.5	14,784.0	63.5	2,098.3	0.0	80.3	87.5	548.5	191.4	3,045.0
Greene	4,593.1	31,712.6	3,437.2	23,138.5	220.1	3,355.5	0.0	252.1	156.7	877.9	779.0	4,088.5
Grundy	3,619.2	29,403.8	2,743.4	15,880.2	106.1	4,002.1	27.3	223.0	159.1	2,890.8	583.2	6,407.7
Hamblen	2,189.1	6,909.8	1,730.0	5,740.1	0.0	759.5	76.1	0.0	173.1	0.0	209.9	410.3
Hamilton	9,960.6	32,271.4	8,095.2	18,622.9	57.9	4,073.8	375.9	0.0	732.0	3,943.6	699.6	5,631.1
Hancock	431.8	11,575.8	348.1	7,466.7	27.2	1,696.4	0.0	0.0	0.0	399.6	56.5	2,013.1
Hardeman	6,688.2	42,027.5	5,168.5	29,801.8	145.9	5,417.8	0.0	0.0	265.3	2,736.2	1,108.4	4,071.6
Hardin	7,692.5	31,851.0	5,618.3	21,896.6	235.7	3,836.3	0.0	0.0	677.3	1,855.3	1,161.2	4,262.9
Hawkins	3,788.0	28,889.3	2,604.4	20,170.3	189.1	2,723.1	52.1	239.7	225.9	1,338.5	716.4	4,417.6
Haywood	6.8	19,470.7	0.0	15,007.3	0.0	1,617.5	0.0	121.3	0.0	1,740.3	6.8	984.4
Henderson	5,393.5	30,802.8	4,023.1	20,682.3	342.3	4,975.7	30.5	218.9	328.4	2,582.4	669.2	2,343.4
Henry	418.4	37,528.4	287.6	26,476.4	25.1	3,445.4	0.0	197.7	41.9	3,787.0	63.8	3,621.8
Hickman	1,918.2	61,655.4	1,425.4	41,104.8	86.5	5,784.2	0.0	68.6	240.7	4,792.0	165.6	9,905.8
Houston	208.5	18,546.4	43.8	14,041.6	0.0	1,315.5	0.0	0.0	37.6	948.6	127.1	2,240.7
Humphreys	462.2	45,507.9	337.0	31,998.8	76.2	2,614.0	0.0	783.4	37.2	4,086.9	11.8	6,024.7
Jackson	1,309.0	25,121.7	868.4	17,245.7	142.1	3,264.3	64.4	163.5	26.8	1,203.4	207.3	3,244.8
Jefferson	1,734.7	11,518.7	1,371.0	8,926.9	0.0	1,097.1	0.0	189.1	159.6	306.3	204.1	999.3
Johnson	3,607.2	26,349.1	3,007.7	18,678.0	0.0	2,254.7	0.0	29.0	0.0	763.0	599.5	4,624.4
Knox	5,278.2	22,537.9	3,652.0	15,699.3	266.0	3,563.4	74.9	265.5	413.0	569.7	872.3	2,440.1
Lake	2,277.8	3,487.9	2,277.8	3,027.6	0.0	401.5	0.0	0.0	0.0	0.0	0.0	58.8
Lauderdale	1,511.7	19,404.3	1,266.1	13,537.0	245.6	3,649.1	0.0	0.0	0.0	1,317.2	0.0	901.0
Lawrence	0.0	33,141.1	0.0	23,826.8	0.0	2,121.1	0.0	250.2	0.0	2,198.6	0.0	4,744.4
Lewis	300.2	26,205.4	112.1	18,149.1	0.0	2,009.4	0.0	463.6	32.3	2,151.9	155.8	3,431.5
Lincoln	1,758.8	19,216.1	948.3	11,325.8	119.5	3,144.8	0.0	0.0	65.6	1,668.3	625.4	3,077.3
Loudon	4,252.9	9,161.6	3,703.9	6,923.8	218.1	718.7	0.0	0.0	83.6	362.3	247.2	1,156.8

Table 50.—*Wood and bark fresh weight of trees on timberland by county and tree class, Tennessee, 1989*—Continued*

County	All trees		Tree class									
			Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
McMinn	10,747.1	18,070.7	8,797.6	11,845.9	142.9	1,755.7	313.3	101.6	431.1	784.7	1,062.2	3,582.8
McNairy	9,145.0	28,673.0	7,146.6	18,933.7	164.3	2,663.1	363.7	42.2	260.7	1,391.2	1,209.7	5,642.8
Macon	92.0	14,791.1	28.4	11,481.0	0.0	1,035.0	0.0	0.0	0.0	1,081.2	63.7	1,193.9
Madison	1,105.9	30,727.0	740.3	24,594.4	103.8	2,665.1	0.0	177.1	0.0	1,066.8	261.8	2,223.7
Marion	5,152.2	42,905.0	3,974.9	25,507.2	36.2	6,407.4	151.2	0.0	351.2	2,760.8	638.7	8,229.6
Marshall	1,304.1	11,525.8	612.3	6,217.4	233.0	2,613.4	0.0	0.0	0.0	760.8	458.8	1,934.1
Maury	180.3	21,064.3	70.3	12,789.5	40.3	2,974.8	0.0	42.4	0.0	2,035.2	69.7	3,222.5
Meigs	5,740.0	11,799.5	5,117.5	8,497.5	0.0	889.1	130.3	36.5	254.7	362.9	237.6	2,013.4
Monroe	22,006.6	41,054.0	17,996.5	29,097.6	633.9	4,015.5	20.2	212.4	381.6	567.4	2,974.4	7,161.1
Montgomery	919.2	24,398.0	715.5	15,092.5	41.4	3,999.1	0.0	0.0	71.1	1,471.0	91.2	3,835.4
Moore	528.4	8,171.8	219.0	5,728.6	63.5	748.7	0.0	48.4	109.3	969.1	136.6	677.0
Morgan	9,186.4	47,588.9	7,545.8	30,466.8	55.5	3,962.5	0.0	149.1	386.6	3,704.0	1,198.5	9,306.4
Obion	947.4	18,865.2	837.6	14,540.2	54.3	2,005.7	0.0	0.0	34.8	1,128.6	20.6	1,190.7
Overton	3,347.2	35,684.6	2,670.8	26,714.9	63.2	1,993.9	61.6	143.6	307.1	2,376.2	244.6	4,456.0
Perry	1,012.1	39,371.6	617.2	25,749.1	62.6	3,438.1	0.0	175.4	117.0	4,485.2	215.3	5,523.9
Pickett	963.1	14,068.2	673.0	10,046.6	27.5	1,332.8	0.0	55.6	51.1	637.5	211.4	1,995.7
Polk	20,423.1	21,881.0	17,720.4	13,993.5	210.9	1,838.9	0.0	34.7	483.9	1,208.3	2,007.9	4,805.6
Putnam	1,940.4	28,323.3	1,764.5	20,516.7	31.1	2,483.2	48.3	41.0	50.2	1,384.3	46.4	3,898.1
Rhea	5,049.4	20,722.4	4,271.2	15,183.0	90.9	1,785.1	33.2	0.0	208.0	921.6	446.1	2,832.7
Roane	4,542.4	29,661.1	4,116.8	20,268.5	0.0	3,336.6	38.3	75.7	171.5	1,125.5	215.8	4,854.7
Robertson	40.2	10,060.7	40.2	7,719.5	0.0	1,093.7	0.0	59.1	0.0	679.8	0.0	508.6
Rutherford	3,184.7	13,625.8	1,028.9	5,283.7	996.8	3,632.7	0.0	175.0	32.2	1,520.9	1,126.8	3,013.5
Scott	11,191.2	59,886.7	9,180.7	41,154.0	56.6	5,006.4	242.9	254.7	1,198.3	5,104.2	512.7	8,367.4
Sequatchie	7,574.0	18,875.7	6,046.1	10,833.5	135.2	2,350.1	0.0	225.0	413.3	1,243.5	979.3	4,223.7
Sevier	7,497.5	20,273.9	6,216.8	13,216.5	233.1	1,789.6	36.0	132.2	607.8	859.5	403.8	4,276.2
Shelby	216.4	28,080.8	117.1	21,526.1	42.7	3,421.9	0.0	167.3	0.0	664.8	56.7	2,300.7
Smith	652.1	15,167.4	374.8	9,064.8	79.8	2,704.2	0.0	111.1	36.8	1,599.4	160.7	1,687.9
Stewart	797.9	40,176.4	581.6	28,232.8	125.0	3,282.4	0.0	228.5	0.0	4,056.7	91.3	4,376.0
Sullivan	4,084.0	21,186.3	3,572.5	16,466.8	42.6	2,050.8	33.9	44.4	39.6	282.4	395.4	2,342.0
Sumner	421.8	13,095.8	326.2	8,877.7	80.3	2,090.0	0.0	0.0	0.0	777.6	15.3	1,350.4
Tipton	3.5	12,263.1	0.0	8,675.3	0.0	1,250.2	0.0	0.0	0.0	1,192.0	3.5	1,145.5
Trousdale	468.6	4,083.9	381.0	2,276.6	59.3	416.4	0.0	0.0	0.0	348.0	28.3	1,042.9
Unicoi	4,789.3	18,160.8	4,170.6	12,709.1	160.9	2,058.0	0.0	0.0	91.7	263.0	366.2	3,130.7
Union	3,237.8	16,555.8	2,441.7	12,776.4	68.5	515.2	43.0	0.0	278.7	820.0	405.9	2,444.2
Van Buren	5,275.0	19,526.9	4,342.1	12,830.9	0.0	1,742.4	80.7	230.3	176.8	972.8	675.4	3,750.4
Warren	137.4	20,025.5	0.0	12,531.8	56.6	2,959.0	0.0	103.8	80.8	2,119.9	0.0	2,311.0
Washington	2,205.8	11,787.8	1,901.5	9,288.3	72.5	765.2	0.0	84.2	167.7	384.8	64.1	1,265.4
Wayne	3,571.7	55,766.1	2,299.5	39,341.9	39.3	3,420.7	0.0	269.7	289.6	3,535.7	943.2	9,198.0
Weakley	1,883.4	20,242.6	1,840.8	13,835.7	42.7	2,900.9	0.0	671.9	0.0	1,902.7	0.0	931.4
White	3,661.8	25,418.3	2,872.4	19,257.3	0.0	1,290.2	0.0	79.1	65.1	1,813.5	724.3	2,978.2
Williamson	2,064.8	29,245.9	1,239.6	17,023.6	300.6	4,686.5	0.0	419.8	63.0	2,966.7	461.6	4,149.3
Wilson	3,268.5	8,139.1	1,240.5	4,164.7	543.9	1,876.9	0.0	93.8	56.7	864.8	1,427.5	1,138.9
All counties	332,399.2	2,332,966.9	261,306.6	1,588,335.8	10,341.2	244,316.7	3,338.4	11,514.0	15,863.5	156,336.8	41,549.4	332,463.5

*Numbers in columns and rows may not total due to rounding.
[†]Includes trees ≥5.0 inches in d.b.h.
[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
[§]Softwood species.
[¶]Hardwood species.

Table 51. – *Wood and bark fresh weight of stems in trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	3,342.6	18,769.0	2,973.7	12,877.4	149.2	2,127.9	0.0	0.0	98.6	803.7	121.1	2,960.1
Bedford	836.4	9,093.1	346.9	4,521.2	322.1	1,955.4	0.0	146.3	0.0	616.6	167.5	1,853.7
Benton	1,482.8	21,912.2	966.0	14,550.1	10.2	1,915.0	0.0	142.5	0.0	1,697.2	506.6	3,607.4
Bledsoe	6,587.6	17,121.7	5,458.3	10,419.9	30.9	1,588.0	0.0	118.4	348.3	1,360.4	750.2	3,634.9
Blount	3,897.1	8,369.9	3,141.8	6,069.0	25.5	541.1	0.0	0.0	315.9	227.3	413.9	1,532.5
Bradley	4,983.9	8,016.7	4,060.9	5,478.1	0.0	375.0	0.0	93.5	562.1	701.4	360.9	1,368.8
Campbell	5,133.0	37,518.0	4,334.4	26,049.3	103.6	3,766.7	0.0	0.0	366.3	2,200.5	328.7	5,501.5
Cannon	933.5	11,869.2	605.5	7,443.8	83.6	1,904.7	15.9	0.0	19.1	887.5	209.4	1,633.2
Carroll	1,839.1	27,183.9	1,350.1	19,644.2	19.2	1,925.6	42.8	185.3	160.0	1,232.1	266.9	4,196.8
Carter	3,929.0	27,110.2	3,283.5	20,208.3	84.2	3,352.4	0.0	80.9	259.0	844.7	302.4	2,623.9
Cheatam	475.8	18,806.2	436.7	12,676.4	0.0	1,619.3	0.0	194.7	0.0	1,663.9	39.1	2,652.0
Chester	3,444.3	10,960.2	2,667.8	7,506.1	95.9	644.4	290.5	49.1	82.1	718.5	307.9	2,042.1
Claiborne	1,119.0	23,335.9	891.5	16,286.1	65.9	2,642.2	0.0	0.0	52.4	589.2	109.3	3,818.4
Clay	511.0	10,485.9	241.2	6,719.8	0.0	673.9	0.0	95.9	0.0	790.0	269.8	2,206.2
Cocke	4,819.0	20,915.0	3,627.8	15,620.5	158.1	1,583.0	0.0	0.0	313.1	910.3	720.1	2,801.2
Coffee	0.0	19,854.3	0.0	13,474.7	0.0	2,113.9	0.0	140.3	0.0	1,747.0	0.0	2,378.3
Crockett	0.0	3,585.8	0.0	2,809.5	0.0	59.5	0.0	59.5	0.0	113.3	0.0	543.9
Cumberland	11,493.4	41,066.2	8,693.0	25,575.6	264.3	3,037.6	251.6	497.6	437.8	2,834.7	1,846.7	9,120.8
Davidson	909.8	15,033.7	307.2	8,907.6	158.0	2,071.0	0.0	0.0	0.0	1,563.6	444.6	2,491.5
Decatur	2,157.2	20,297.0	1,813.4	15,577.9	50.8	1,155.1	0.0	75.0	103.9	857.4	189.1	2,631.6
DeKalb	1,557.3	19,074.5	994.9	13,338.3	78.4	1,381.9	54.2	152.6	19.0	1,617.2	410.8	2,584.5
Dickson	225.0	26,311.7	71.7	18,451.8	0.0	1,338.6	0.0	164.1	0.0	2,110.4	153.3	4,246.8
Dyer	0.0	7,598.3	0.0	4,555.2	0.0	1,062.3	0.0	0.0	0.0	1,466.2	0.0	514.5
Fayette	2,753.9	25,300.4	1,542.0	16,811.8	154.8	3,406.8	71.3	0.0	207.9	1,677.5	777.9	3,404.3
Fentress	10,914.8	29,936.5	9,105.4	18,750.7	90.5	1,718.6	119.6	104.1	411.4	2,537.3	1,188.0	6,825.8
Franklin	553.3	23,902.9	288.9	13,729.7	54.4	2,348.9	0.0	28.1	0.0	3,148.1	210.0	4,648.1
Gibson	0.0	5,398.6	0.0	4,143.1	0.0	455.9	0.0	0.0	0.0	530.8	0.0	268.8
Giles	432.7	18,365.8	276.2	11,525.3	70.6	2,582.5	29.5	126.2	0.0	919.3	56.4	3,212.4
Grainger	1,608.9	15,857.8	1,324.4	11,318.3	51.1	1,581.8	0.0	60.7	66.7	416.0	166.7	2,480.9
Greene	3,863.3	23,860.9	2,870.9	17,293.1	172.4	2,381.1	0.0	195.3	127.4	633.0	692.6	3,358.5
Grundy	2,955.8	21,816.0	2,213.7	11,783.2	87.9	2,573.4	13.3	160.5	129.6	2,085.7	511.3	5,213.1
Hamblen	1,821.0	5,138.0	1,430.7	4,240.1	0.0	569.3	62.5	0.0	138.4	0.0	189.4	328.6
Hamilton	8,447.6	24,457.3	6,840.9	13,990.8	44.4	2,878.0	329.6	0.0	609.0	2,985.7	623.7	4,602.9
Hancock	353.6	8,769.6	279.8	5,639.7	22.6	1,227.6	0.0	0.0	0.0	266.1	51.1	1,636.2
Hardeman	5,699.3	31,681.4	4,374.1	22,388.4	95.1	3,838.8	0.0	0.0	232.0	2,075.3	998.1	3,378.9
Hardin	6,332.1	23,677.1	4,539.8	16,213.8	196.9	2,533.4	0.0	0.0	552.6	1,369.5	1,042.7	3,560.5
Hawkins	3,189.8	22,217.4	2,187.2	15,453.2	146.7	2,023.5	43.9	168.3	179.7	983.0	632.4	3,589.5
Haywood	6.0	14,016.2	0.0	10,743.7	0.0	1,124.6	0.0	76.2	0.0	1,242.1	6.0	829.6
Henderson	4,440.4	23,068.0	3,312.9	15,489.4	252.3	3,550.3	21.3	155.9	252.4	1,947.2	601.6	1,925.1
Henry	344.4	28,515.5	234.5	20,006.2	17.0	2,434.6	0.0	153.6	35.6	2,873.2	57.3	3,047.9
Hickman	1,587.1	46,762.3	1,171.7	30,919.5	65.8	4,202.3	0.0	53.3	199.9	3,497.0	149.8	8,090.3
Houston	177.6	13,950.3	39.0	10,478.3	0.0	959.8	0.0	0.0	24.1	695.5	114.5	1,816.7
Humphreys	370.8	34,176.6	265.1	23,839.4	64.5	1,835.7	0.0	587.1	30.8	3,069.5	10.5	4,844.9
Jackson	1,075.7	18,894.4	695.1	12,958.0	125.3	2,230.8	51.7	127.6	16.6	916.2	186.9	2,661.7
Jefferson	1,408.6	8,675.5	1,106.6	6,690.1	0.0	788.1	0.0	142.4	124.8	232.1	177.2	822.7
Johnson	2,697.1	20,409.1	2,184.7	14,385.4	0.0	1,623.8	0.0	24.6	0.0	583.6	512.4	3,791.7
Knox	4,412.8	17,021.8	3,013.0	11,881.9	219.6	2,484.7	59.9	191.0	338.2	420.3	782.1	2,044.1
Lake	1,899.2	2,588.5	1,899.2	2,267.0	0.0	273.8	0.0	0.0	0.0	0.0	0.0	47.7
Lauderdale	1,315.7	14,439.8	1,104.3	9,966.8	211.4	2,734.2	0.0	0.0	0.0	988.2	0.0	750.6
Lawrence	0.0	25,158.1	0.0	17,968.1	0.0	1,446.2	0.0	181.9	0.0	1,710.2	0.0	3,851.8
Lewis	257.7	19,764.6	94.4	13,712.4	0.0	1,379.7	0.0	348.2	23.5	1,548.0	139.8	2,776.4
Lincoln	1,448.7	14,484.2	738.8	8,483.6	99.1	2,213.5	0.0	0.0	47.6	1,248.8	563.2	2,538.4
Loudon	3,571.2	6,737.4	3,098.6	5,021.5	184.0	505.6	0.0	0.0	65.0	259.6	223.6	950.8

Table 51.—*Wood and bark fresh weight of stems in trees on timberland by county and tree class, Tennessee, 1989*—Continued*

County	All trees		Tree class									
			Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
McMinn	8,850.1	13,762.6	7,201.8	8,983.9	109.8	1,194.8	272.5	81.5	331.3	599.8	934.7	2,902.6
McNairy	7,719.0	21,883.1	5,988.5	14,235.7	120.9	1,884.7	302.4	31.8	217.4	1,078.8	1,089.8	4,652.1
Macon	81.0	11,467.3	23.3	8,924.7	0.0	739.8	0.0	0.0	0.0	833.6	57.7	969.2
Madison	934.1	22,864.5	623.5	18,279.2	75.3	1,826.9	0.0	136.6	0.0	775.1	235.4	1,846.7
Marion	4,281.0	32,840.2	3,265.1	19,556.5	32.0	4,486.7	129.1	0.0	284.8	2,050.0	570.0	6,747.0
Marshall	1,099.0	8,639.9	492.2	4,698.2	192.3	1,789.1	0.0	0.0	0.0	551.7	414.6	1,600.9
Maury	150.8	15,965.6	53.1	9,703.2	35.5	2,114.8	0.0	33.8	0.0	1,511.7	62.2	2,602.0
Meigs	4,838.5	9,022.2	4,297.0	6,403.7	0.0	618.2	111.6	28.5	217.0	272.6	212.9	1,699.2
Monroe	17,973.6	31,314.6	14,540.6	21,956.2	505.4	2,876.0	15.2	166.3	305.8	411.1	2,606.7	5,905.0
Montgomery	768.4	18,412.5	597.5	11,425.5	35.5	2,644.5	0.0	0.0	53.4	1,127.1	82.0	3,215.3
Moore	450.7	6,055.1	175.8	4,202.1	56.1	538.2	0.0	40.3	95.7	714.2	123.1	560.2
Morgan	7,472.3	35,954.7	6,085.6	22,848.1	33.5	2,635.9	0.0	113.6	311.3	2,666.5	1,041.9	7,690.5
Obion	834.1	13,910.8	734.1	10,765.7	48.8	1,342.3	0.0	0.0	31.7	814.3	19.4	988.4
Overton	2,724.6	27,728.6	2,148.1	20,773.3	51.5	1,419.0	52.2	111.9	254.2	1,796.9	218.5	3,627.6
Perry	831.4	30,079.7	494.6	19,807.2	48.1	2,326.8	0.0	140.5	97.5	3,284.2	191.2	4,521.1
Pickett	782.0	10,634.1	522.4	7,602.9	24.4	921.5	0.0	46.8	45.7	452.3	189.4	1,610.7
Polk	16,469.5	16,808.0	14,218.8	10,645.8	145.3	1,306.1	0.0	29.2	358.4	897.7	1,747.1	3,929.1
Putnam	1,605.1	21,436.8	1,455.4	15,530.6	27.1	1,698.6	40.9	28.9	41.6	1,014.2	40.1	3,164.5
Rhea	4,037.9	15,757.1	3,390.0	11,494.7	70.3	1,260.7	27.0	0.0	161.5	690.1	389.2	2,311.6
Roane	3,874.3	22,687.2	3,513.0	15,476.1	0.0	2,356.8	32.3	53.3	138.4	836.6	190.7	3,964.2
Robertson	35.5	7,572.3	35.5	5,821.3	0.0	771.2	0.0	40.8	0.0	508.4	0.0	430.6
Rutherford	2,620.9	10,206.2	761.5	3,882.4	818.7	2,599.0	0.0	128.7	25.0	1,085.8	1,015.7	2,510.2
Scott	9,065.6	45,170.8	7,394.9	30,883.7	40.3	3,456.3	204.8	188.3	974.3	3,747.1	451.3	6,895.3
Sequatchie	6,220.4	14,480.4	4,900.5	8,161.6	105.6	1,720.1	0.0	168.9	361.5	930.7	852.9	3,499.1
Sevier	6,206.6	15,623.9	5,140.4	10,067.4	188.4	1,265.7	28.6	110.1	492.0	634.2	357.1	3,546.4
Shelby	187.3	21,569.8	102.4	16,474.6	33.8	2,540.5	0.0	121.4	0.0	503.0	51.1	1,930.2
Smith	510.4	11,316.1	273.4	6,764.2	66.5	1,900.4	0.0	85.2	26.3	1,155.9	144.2	1,410.3
Stewart	667.7	30,145.4	481.2	21,097.0	104.6	2,302.6	0.0	180.2	0.0	3,041.0	81.9	3,524.7
Sullivan	3,269.0	16,248.7	2,846.4	12,631.3	20.7	1,426.5	25.7	33.6	32.6	212.5	343.6	1,944.8
Sumner	350.3	9,935.6	272.6	6,795.4	64.1	1,455.1	0.0	0.0	0.0	561.4	13.6	1,123.7
Tipton	3.1	9,075.2	0.0	6,503.1	0.0	705.3	0.0	0.0	0.0	891.9	3.1	974.8
Trousdale	372.2	3,148.6	295.0	1,737.6	51.7	299.0	0.0	0.0	0.0	259.7	25.4	852.2
Unicoi	3,622.7	13,935.2	3,109.9	9,719.2	119.7	1,436.4	0.0	0.0	64.4	193.5	328.7	2,586.1
Union	2,691.3	12,703.2	2,007.8	9,716.7	58.0	371.6	38.4	0.0	222.1	605.0	365.1	2,010.0
Van Buren	4,280.0	14,748.5	3,482.3	9,592.3	0.0	1,195.0	63.4	162.3	143.3	698.2	591.0	3,100.8
Warren	113.6	14,936.0	0.0	9,320.5	43.4	2,126.6	0.0	83.5	70.2	1,545.4	0.0	1,860.1
Washington	1,789.2	8,888.8	1,534.6	6,950.0	52.2	556.0	0.0	62.3	142.7	276.5	59.6	1,044.0
Wayne	2,938.5	42,299.9	1,824.1	29,654.7	33.0	2,245.5	0.0	207.1	232.6	2,649.4	848.7	7,543.1
Weakley	1,607.1	14,886.4	1,570.4	10,205.9	36.6	1,972.3	0.0	511.0	0.0	1,410.8	0.0	786.4
White	2,942.6	19,237.0	2,257.7	14,496.6	0.0	886.8	0.0	53.0	41.5	1,377.0	643.4	2,423.6
Williamson	1,753.0	21,600.3	1,047.1	12,715.8	241.9	3,027.8	0.0	311.6	47.6	2,101.2	416.4	3,444.0
Wilson	2,810.4	6,070.3	1,015.0	3,107.2	465.9	1,277.8	0.0	76.3	40.8	665.4	1,288.8	943.7
All counties	273,450.5	1,764,353.6	212,671.1	1,196,465.4	8,283.0	170,260.6	2,801.4	8,647.8	12,813.5	115,844.5	36,881.5	273,135.3

*Numbers in columns and rows may not total due to rounding.
[†]Includes trees ≥5.0 inches in d.b.h.
[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
[§]Softwood species.
[¶]Hardwood species.

Table 52. – *Wood and bark fresh weight of crowns in trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	790.5	6,083.2	716.1	4,077.7	35.0	1,061.2	0.0	0.0	24.3	284.8	15.0	659.5
Bedford	218.7	2,980.1	126.7	1,467.7	73.3	878.7	0.0	33.4	0.0	180.5	18.6	419.7
Benton	379.7	7,049.7	313.6	4,843.1	7.0	754.5	0.0	45.4	0.0	558.0	59.1	848.7
Bledsoe	1,574.0	5,334.8	1,385.5	3,455.0	4.0	625.1	0.0	47.2	85.4	400.6	99.0	806.9
Blount	814.5	2,606.0	685.3	1,948.0	6.1	219.3	0.0	0.0	61.6	90.1	61.5	348.6
Bradley	917.8	2,609.3	770.5	1,879.7	0.0	195.4	0.0	24.8	104.7	211.4	42.6	298.1
Campbell	1,082.6	11,704.6	929.3	8,208.6	27.2	1,626.6	0.0	0.0	91.3	692.1	34.7	1,177.2
Cannon	243.1	3,533.5	175.7	2,202.6	21.3	701.0	12.8	0.0	10.8	264.7	22.6	365.2
Carroll	336.4	8,513.7	257.3	6,423.8	2.4	790.3	5.4	43.7	42.5	453.8	28.8	802.1
Carter	964.9	8,095.5	829.3	5,912.3	24.1	1,289.9	0.0	22.5	63.4	287.7	48.2	583.0
Cheatam	91.4	6,002.5	87.2	3,898.6	0.0	681.8	0.0	58.5	0.0	726.8	4.2	636.8
Chester	642.7	3,359.0	496.9	2,395.4	35.8	297.7	45.2	22.2	30.1	216.1	34.7	427.7
Claiborne	203.7	7,369.7	171.5	5,268.2	12.9	1,078.3	0.0	0.0	6.4	212.3	12.9	810.9
Clay	79.9	3,388.7	51.0	2,342.2	0.0	284.6	0.0	29.8	0.0	245.5	28.9	486.6
Cocke	1,064.5	6,348.3	860.4	4,620.6	34.6	675.4	0.0	0.0	67.5	408.0	102.0	644.2
Coffee	0.0	6,683.2	0.0	4,542.0	0.0	1,044.6	0.0	40.9	0.0	551.0	0.0	504.7
Crockett	0.0	1,267.8	0.0	1,032.8	0.0	54.8	0.0	18.2	0.0	28.9	0.0	133.0
Cumberland	2,703.3	13,640.1	2,229.0	8,878.0	66.3	1,363.8	48.3	197.6	105.5	1,163.7	254.1	2,037.0
Davidson	145.4	5,410.3	63.8	3,164.2	30.4	1,168.7	0.0	0.0	0.0	546.5	51.2	530.9
Decatur	360.8	6,381.7	297.0	5,011.4	9.0	481.2	0.0	18.4	35.0	263.8	19.8	606.8
DeKalb	329.9	5,985.0	243.9	4,270.5	13.6	555.4	17.4	64.1	10.6	560.3	44.5	534.6
Dickson	40.7	8,784.9	24.5	6,485.7	0.0	596.7	0.0	50.0	0.0	690.8	16.2	961.8
Dyer	0.0	2,855.8	0.0	1,706.8	0.0	418.7	0.0	0.0	0.0	607.7	0.0	122.5
Fayette	571.6	8,619.9	362.8	5,759.1	43.7	1,623.1	11.7	0.0	69.7	593.4	83.6	644.3
Fentress	2,310.3	9,621.0	2,009.7	6,379.3	22.1	802.0	20.4	47.2	86.4	929.1	171.7	1,463.4
Franklin	112.8	7,742.8	76.9	4,654.6	13.3	1,061.5	0.0	8.5	0.0	1,034.1	22.5	984.1
Gibson	0.0	1,813.3	0.0	1,414.9	0.0	174.8	0.0	0.0	0.0	171.8	0.0	51.8
Giles	183.3	6,145.8	141.3	3,867.3	30.1	1,277.8	4.2	56.3	0.0	333.5	7.8	610.8
Grainger	336.0	4,698.3	278.1	3,465.7	12.5	516.5	0.0	19.6	20.8	132.5	24.6	564.0
Greene	729.8	7,851.7	566.3	5,845.4	47.7	974.5	0.0	56.8	29.3	245.0	86.4	730.0
Grundy	663.4	7,587.9	529.6	4,097.0	18.3	1,428.7	14.1	62.4	29.5	805.2	71.9	1,194.6
Hamblen	368.1	1,771.8	299.3	1,500.0	0.0	190.2	13.6	0.0	34.7	0.0	20.6	81.7
Hamilton	1,513.0	7,814.1	1,254.2	4,632.1	13.5	1,195.9	46.3	0.0	123.0	957.9	75.9	1,028.3
Hancock	78.2	2,806.2	68.3	1,827.0	4.5	468.8	0.0	0.0	0.0	133.5	5.3	376.9
Hardeman	988.9	10,346.1	794.5	7,413.5	50.7	1,579.0	0.0	0.0	33.3	660.9	110.4	692.7
Hardin	1,360.4	8,174.0	1,078.5	5,682.9	38.8	1,302.9	0.0	0.0	124.6	485.8	118.5	702.4
Hawkins	598.2	6,671.8	417.3	4,717.0	42.4	699.6	8.3	71.4	46.3	355.6	84.0	828.2
Haywood	0.8	5,454.5	0.0	4,263.6	0.0	492.9	0.0	45.1	0.0	498.2	0.8	154.8
Henderson	953.1	7,734.7	710.3	5,192.9	90.1	1,425.4	9.2	63.0	76.0	635.1	67.6	418.3
Henry	74.1	9,012.8	53.1	6,470.2	8.1	1,010.8	0.0	44.1	6.3	913.8	6.5	573.9
Hickman	331.1	14,893.1	253.7	10,185.4	20.7	1,581.9	0.0	15.3	40.8	1,295.0	15.8	1,815.5
Houston	30.9	4,596.0	4.7	3,563.2	0.0	355.7	0.0	0.0	13.5	253.1	12.7	424.0
Humphreys	91.4	11,331.3	72.0	8,159.4	11.7	778.4	0.0	196.2	6.5	1,017.5	1.3	1,179.8
Jackson	233.3	6,227.3	173.3	4,287.7	16.7	1,033.5	12.6	35.9	10.2	287.1	20.4	583.1
Jefferson	326.1	2,843.2	264.4	2,236.7	0.0	309.0	0.0	46.7	34.8	74.1	26.9	176.6
Johnson	910.2	5,940.0	823.1	4,292.6	0.0	630.8	0.0	4.4	0.0	179.4	87.1	832.7
Knox	865.4	5,516.2	639.0	3,817.4	46.4	1,078.7	15.0	74.5	74.8	149.5	90.1	396.0
Lake	378.6	899.4	378.6	760.5	0.0	127.8	0.0	0.0	0.0	0.0	0.0	11.1
Lauderdale	195.9	4,964.4	161.8	3,570.2	34.2	914.8	0.0	0.0	0.0	329.0	0.0	150.4
Lawrence	0.0	7,983.0	0.0	5,858.7	0.0	674.9	0.0	68.3	0.0	488.4	0.0	892.7
Lewis	42.5	6,440.8	17.7	4,436.7	0.0	629.7	0.0	115.4	8.8	603.9	16.0	655.1
Lincoln	310.1	4,731.9	209.5	2,842.1	20.4	931.3	0.0	0.0	18.0	419.5	62.1	538.9
Loudon	681.7	2,424.2	605.3	1,902.3	34.1	213.1	0.0	0.0	18.6	102.7	23.7	206.1

Table 52. — *Wood and bark fresh weight of crowns in trees on timberland by county and tree class, Tennessee, 1989* — Continued*

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
McMinn	1,896.9	4,308.2	1,595.7	2,862.0	33.1	560.9	40.8	20.1	99.8	185.0	127.5	680.2
McNairy	1,426.0	6,789.9	1,158.1	4,698.0	43.4	778.4	61.3	10.5	43.3	312.4	119.9	990.7
Macon	11.1	3,323.8	5.0	2,556.3	0.0	295.2	0.0	0.0	0.0	247.6	6.0	224.7
Madison	171.8	7,862.5	116.8	6,315.2	28.5	838.2	0.0	40.4	0.0	291.7	26.4	376.9
Marion	871.2	10,064.8	709.8	5,950.7	4.3	1,920.8	22.1	0.0	66.5	710.8	68.6	1,482.6
Marshall	205.1	2,885.9	120.1	1,519.2	40.8	824.3	0.0	0.0	0.0	209.2	44.3	333.2
Maury	29.5	5,098.7	17.2	3,086.2	4.8	859.9	0.0	8.6	0.0	523.5	7.5	620.5
Meigs	901.5	2,777.3	820.4	2,093.8	0.0	270.9	18.7	8.1	37.7	90.3	24.7	314.2
Monroe	4,033.0	9,739.4	3,455.9	7,141.4	128.5	1,139.5	4.9	46.1	75.9	156.3	367.8	1,256.1
Montgomery	150.8	5,985.6	118.0	3,667.0	6.0	1,354.6	0.0	0.0	17.7	343.9	9.2	620.1
Moore	77.7	2,116.7	43.2	1,526.4	7.4	210.5	0.0	8.1	13.6	254.9	13.5	116.8
Morgan	1,714.1	11,634.2	1,460.2	7,618.7	22.0	1,326.6	0.0	35.5	75.3	1,037.5	156.6	1,615.9
Obion	113.3	4,954.4	103.4	3,774.5	5.5	663.4	0.0	0.0	3.1	314.3	1.2	202.2
Overton	622.6	7,955.9	522.7	5,941.7	11.7	574.9	9.4	31.7	52.8	579.3	26.0	828.4
Perry	180.7	9,291.9	122.6	5,941.9	14.5	1,111.3	0.0	34.9	19.5	1,201.0	24.0	1,002.8
Pickett	181.1	3,434.1	150.6	2,443.7	3.1	411.4	0.0	8.7	5.4	185.2	22.0	385.0
Polk	3,953.6	5,073.0	3,501.6	3,347.7	65.7	532.7	0.0	5.4	125.5	310.6	260.9	876.5
Putnam	335.3	6,886.5	309.1	4,986.1	4.0	784.5	7.4	12.1	8.5	370.1	6.3	733.6
Rhea	1,011.5	4,965.3	881.2	3,688.4	20.7	524.4	6.2	0.0	46.5	231.5	56.9	521.1
Roane	668.1	6,973.9	603.9	4,792.4	0.0	979.8	6.0	22.3	33.1	288.9	25.1	890.5
Robertson	4.7	2,488.4	4.7	1,898.2	0.0	322.5	0.0	18.3	0.0	171.4	0.0	78.0
Rutherford	563.8	3,419.6	267.5	1,401.3	178.1	1,033.7	0.0	46.3	7.2	435.1	111.0	503.2
Scott	2,125.7	14,715.9	1,785.8	10,270.2	16.3	1,550.1	38.1	66.5	224.0	1,357.1	61.4	1,472.0
Sequatchie	1,353.6	4,395.4	1,145.7	2,671.9	29.7	630.0	0.0	56.1	51.7	312.8	126.5	724.6
Sevier	1,290.9	4,650.1	1,076.4	3,149.0	44.7	523.9	7.3	22.1	115.8	225.2	46.7	729.8
Shelby	29.2	6,511.0	14.6	5,051.4	8.9	881.4	0.0	45.9	0.0	161.8	5.6	370.5
Smith	141.7	3,851.3	101.5	2,300.6	13.2	803.8	0.0	25.8	10.5	443.4	16.5	277.6
Stewart	130.2	10,030.9	100.4	7,135.8	20.4	979.8	0.0	48.4	0.0	1,015.7	9.4	851.3
Sullivan	814.9	4,937.6	726.1	3,835.5	21.8	624.3	8.2	10.8	6.9	69.8	51.9	397.2
Sumner	71.5	3,160.2	53.6	2,082.3	16.2	634.9	0.0	0.0	0.0	216.2	1.7	226.8
Tipton	0.4	3,187.9	0.0	2,172.2	0.0	545.0	0.0	0.0	0.0	300.1	0.4	170.7
Trousdale	96.4	935.3	85.9	539.0	7.6	117.4	0.0	0.0	0.0	88.3	2.9	190.6
Unicoi	1,166.6	4,225.6	1,060.7	2,989.9	41.2	621.6	0.0	0.0	27.2	69.5	37.5	544.6
Union	546.5	3,852.6	433.9	3,059.7	10.5	143.6	4.6	0.0	56.6	215.0	40.8	434.2
Van Buren	995.1	4,778.4	859.8	3,238.6	0.0	547.5	17.3	68.0	33.5	274.6	84.4	649.7
Warren	23.9	5,089.5	0.0	3,211.4	13.2	832.4	0.0	20.3	10.7	574.5	0.0	450.9
Washington	416.6	2,899.1	367.0	2,338.3	20.3	209.1	0.0	21.9	24.9	108.3	4.5	221.4
Wayne	633.2	13,466.2	475.4	9,687.2	6.2	1,175.3	0.0	62.6	57.0	886.3	94.5	1,654.8
Weakley	276.4	5,356.2	270.3	3,629.8	6.0	928.7	0.0	160.9	0.0	491.9	0.0	145.0
White	719.3	6,181.3	614.8	4,760.7	0.0	403.4	0.0	26.1	23.6	436.5	80.9	554.5
Williamson	311.8	7,645.6	192.5	4,307.8	58.7	1,658.7	0.0	108.2	15.4	865.5	45.2	705.3
Wilson	458.1	2,068.8	225.4	1,057.5	78.1	599.1	0.0	17.5	15.9	199.4	138.7	195.3
All counties	58,948.7	568,613.4	48,635.5	391,870.5	2,058.3	74,056.1	537.0	2,866.2	3,050.0	40,492.3	4,667.9	59,328.3

*Numbers in columns and rows may not total due to rounding.
†Includes trees ≥5.0 inches in d.b.h.
‡Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
§Softwood species.
¶Hardwood species.

Table 53.—*Wood and bark dry weight of trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	2,031.3	14,106.0	1,808.4	9,576.9	89.8	1,832.0	0.0	0.0	64.1	647.8	69.1	2,049.3
Bedford	527.3	7,155.8	235.1	3,562.1	194.8	1,720.2	0.0	96.2	0.0	468.1	97.3	1,309.2
Benton	944.8	16,468.1	643.7	11,007.1	8.8	1,535.6	0.0	119.0	0.0	1,326.5	292.4	2,479.8
Bledsoe	4,031.8	12,915.6	3,371.1	7,900.4	17.0	1,283.7	0.0	99.8	216.1	1,047.2	427.6	2,584.4
Blount	2,286.7	6,210.3	1,852.8	4,507.4	15.5	434.1	0.0	0.0	183.0	186.6	235.5	1,082.2
Bradley	2,915.4	6,046.2	2,382.9	4,194.4	0.0	316.2	0.0	66.9	324.1	529.0	208.3	939.8
Campbell	3,066.5	28,173.8	2,582.5	19,662.2	67.1	3,100.2	0.0	0.0	228.7	1,693.7	188.3	3,717.7
Cannon	589.7	8,705.4	388.2	5,457.1	51.8	1,478.5	14.5	0.0	15.2	673.6	119.9	1,096.2
Carroll	1,082.3	19,553.3	794.7	14,136.7	10.6	1,513.4	23.3	122.2	101.0	954.8	152.7	2,826.3
Carter	2,325.4	19,991.1	1,946.5	14,760.4	54.2	2,685.7	0.0	60.1	151.3	650.1	173.3	1,834.8
Cheatam	278.6	14,375.2	256.2	9,654.5	0.0	1,349.0	0.0	155.5	0.0	1,350.2	22.5	1,866.1
Chester	2,005.8	7,832.4	1,543.1	5,339.8	65.3	537.2	164.1	41.5	55.4	525.4	177.9	1,388.5
Claiborne	649.2	17,640.9	518.5	12,423.2	38.1	2,135.3	0.0	0.0	28.4	441.4	64.1	2,640.9
Clay	299.1	8,123.8	145.1	5,335.1	0.0	568.5	0.0	71.6	0.0	600.9	154.0	1,547.6
Cocke	2,825.0	15,652.7	2,152.5	11,617.6	92.8	1,321.3	0.0	0.0	181.4	775.3	398.3	1,938.5
Coffee	0.0	14,769.4	0.0	9,894.0	0.0	1,781.3	0.0	107.1	0.0	1,343.1	0.0	1,644.0
Crockett	0.0	2,692.0	0.0	2,105.1	0.0	66.8	0.0	46.0	0.0	84.8	0.0	389.4
Cumberland	6,914.1	31,492.6	5,290.2	19,714.6	167.6	2,563.4	145.0	413.7	263.5	2,347.8	1,047.7	6,453.2
Davidson	531.8	12,133.8	181.7	7,211.1	92.2	1,928.9	0.0	0.0	0.0	1,238.5	257.8	1,755.2
Decatur	1,244.3	15,121.7	1,038.7	11,691.0	29.2	930.1	0.0	59.4	69.6	646.9	106.8	1,794.3
DeKalb	940.2	14,415.5	609.6	10,117.2	45.2	1,141.4	35.0	132.3	14.7	1,253.0	235.7	1,771.5
Dickson	134.6	20,369.6	47.7	14,493.6	0.0	1,143.6	0.0	125.4	0.0	1,625.0	86.9	2,982.1
Dyer	0.0	5,686.1	0.0	3,347.2	0.0	816.5	0.0	0.0	0.0	1,155.2	0.0	367.1
Fayette	1,663.9	18,531.7	946.7	12,178.7	98.5	2,780.2	41.3	0.0	137.7	1,264.4	439.7	2,308.4
Fentress	6,409.6	22,712.0	5,365.4	14,423.8	53.7	1,462.7	67.0	90.8	239.9	1,977.5	683.6	4,757.4
Franklin	333.7	18,551.4	180.5	10,752.4	33.2	2,037.8	0.0	21.2	0.0	2,489.2	120.0	3,250.8
Gibson	0.0	4,265.8	0.0	3,321.8	0.0	379.8	0.0	0.0	0.0	387.7	0.0	176.5
Giles	275.5	14,217.3	184.7	8,984.5	42.9	2,205.4	16.3	108.3	0.0	730.2	31.7	2,188.9
Grainger	956.4	11,754.0	783.8	8,457.2	30.6	1,225.1	0.0	47.3	44.8	315.6	97.1	1,708.7
Greene	2,258.9	18,290.9	1,673.9	13,327.8	110.9	1,962.2	0.0	149.1	76.2	536.7	397.9	2,315.2
Grundy	1,757.8	17,107.4	1,327.1	9,219.1	50.3	2,334.7	13.7	128.0	76.4	1,705.0	290.3	3,720.5
Hamblen	1,069.0	4,023.2	839.3	3,332.7	0.0	456.8	38.1	0.0	82.9	0.0	108.8	233.8
Hamilton	4,886.1	18,838.7	3,961.6	10,837.8	28.3	2,409.7	183.8	0.0	354.8	2,334.9	357.6	3,256.4
Hancock	215.5	6,662.0	173.4	4,309.6	13.3	989.7	0.0	0.0	0.0	228.6	28.8	1,134.2
Hardeman	3,314.4	22,938.1	2,537.7	16,147.2	73.6	2,937.0	0.0	0.0	131.6	1,525.8	571.6	2,328.2
Hardin	3,830.4	17,769.2	2,786.8	12,083.8	114.9	2,208.4	0.0	0.0	332.6	1,071.0	596.1	2,405.9
Hawkins	1,856.0	16,814.6	1,261.7	11,772.4	92.8	1,604.0	24.9	142.8	111.9	782.9	364.8	2,512.5
Haywood	3.7	10,596.5	0.0	8,124.3	0.0	889.2	0.0	69.6	0.0	963.4	3.7	550.1
Henderson	2,694.5	16,502.2	2,000.1	10,918.9	170.4	2,715.7	15.1	121.3	164.7	1,425.8	344.3	1,320.4
Henry	209.6	20,576.1	143.0	14,386.2	12.5	1,936.0	0.0	120.2	20.4	2,121.6	33.7	2,012.1
Hickman	953.8	35,728.4	708.8	23,830.2	42.6	3,349.0	0.0	38.7	117.3	2,797.5	85.0	5,713.0
Houston	106.3	10,775.6	21.2	8,173.9	0.0	789.3	0.0	0.0	18.7	558.2	66.4	1,254.2
Humphreys	231.1	26,285.0	169.3	18,479.8	37.1	1,502.8	0.0	467.4	18.2	2,369.8	6.4	3,465.2
Jackson	649.5	14,547.7	427.8	10,051.2	69.3	1,890.6	31.5	94.4	13.3	681.1	107.7	1,830.3
Jefferson	859.2	6,768.2	677.5	5,230.1	0.0	672.2	0.0	104.7	78.5	181.6	103.2	579.6
Johnson	1,606.5	15,047.2	1,353.8	10,717.2	0.0	1,301.1	0.0	16.8	0.0	443.9	252.7	2,568.1
Knox	2,598.3	12,770.7	1,772.8	8,859.8	132.3	2,018.9	39.3	145.0	205.0	324.0	448.9	1,423.1
Lake	1,274.4	2,216.3	1,274.4	1,962.7	0.0	220.4	0.0	0.0	0.0	0.0	0.0	33.1
Lauderdale	845.7	10,481.7	708.3	7,295.7	137.4	1,991.4	0.0	0.0	0.0	700.4	0.0	494.2
Lawrence	0.0	18,834.0	0.0	13,504.8	0.0	1,237.0	0.0	150.5	0.0	1,246.0	0.0	2,695.7
Lewis	151.5	15,192.8	54.6	10,533.0	0.0	1,168.0	0.0	275.6	16.0	1,247.4	80.9	1,968.8
Lincoln	885.7	11,309.7	468.2	6,743.9	59.0	1,856.5	0.0	0.0	32.5	980.8	326.0	1,728.6
Loudon	2,091.7	5,164.3	1,816.9	3,880.6	107.6	407.4	0.0	0.0	40.2	207.2	127.0	669.1

Table 53. – *Wood and bark dry weight of trees on timberland by county and tree class, Tennessee, 1989* – Continued*

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
McMinn	5,250.3	10,181.7	4,270.3	6,613.0	69.2	1,006.2	152.9	61.2	220.1	465.3	537.8	2,036.0
McNairy	4,503.0	16,038.1	3,492.3	10,481.3	81.2	1,484.6	179.9	28.1	127.3	825.1	622.4	3,218.9
Macon	46.5	8,328.6	14.0	6,445.8	0.0	591.3	0.0	0.0	0.0	614.0	32.5	677.5
Madison	554.6	16,640.3	365.7	13,230.8	51.5	1,451.3	0.0	99.9	0.0	614.4	137.4	1,243.9
Marion	2,522.2	24,981.5	1,932.4	14,895.1	17.6	3,780.8	75.8	0.0	172.1	1,587.2	324.3	4,718.4
Marshall	652.7	6,771.0	301.4	3,702.2	114.9	1,532.4	0.0	0.0	0.0	428.1	236.4	1,108.4
Maury	92.2	12,387.3	35.0	7,579.4	19.6	1,749.5	0.0	28.6	0.0	1,184.9	37.7	1,845.0
Meigs	2,821.5	6,494.1	2,511.5	4,650.5	0.0	494.4	63.3	24.6	122.8	212.3	123.9	1,112.2
Monroe	10,610.7	23,271.7	8,640.0	16,423.5	310.2	2,319.3	10.0	124.5	184.9	330.7	1,465.6	4,073.7
Montgomery	458.9	13,764.4	355.7	8,494.1	20.3	2,302.2	0.0	0.0	35.0	793.1	47.9	2,175.1
Moore	261.9	4,815.8	107.1	3,405.2	30.9	442.7	0.0	24.6	52.8	556.9	71.1	386.4
Morgan	4,404.5	27,254.6	3,616.4	17,294.7	30.5	2,298.8	0.0	87.1	192.1	2,168.6	565.5	5,405.5
Obion	530.0	10,744.3	468.6	8,279.4	30.4	1,158.4	0.0	0.0	19.5	641.9	11.5	664.6
Overton	1,697.2	20,117.5	1,357.1	15,059.1	32.0	1,125.5	28.8	82.1	154.7	1,330.8	124.6	2,520.0
Perry	504.5	23,071.1	305.2	15,141.4	31.2	2,008.6	0.0	105.9	57.6	2,632.9	110.6	3,182.1
Pickett	467.1	8,032.0	320.7	5,724.5	13.5	776.7	0.0	32.3	24.6	369.3	108.3	1,129.3
Polk	9,781.9	12,338.8	8,473.6	7,821.5	99.1	1,071.3	0.0	20.1	232.9	703.3	976.3	2,722.5
Putnam	964.3	16,130.1	877.5	11,704.5	15.2	1,392.5	22.4	24.6	24.7	811.3	24.4	2,197.2
Rhea	2,431.8	11,879.6	2,048.3	8,675.4	44.0	1,051.1	16.3	0.0	99.0	526.9	224.2	1,626.2
Roane	2,242.1	16,733.2	2,024.9	11,328.8	0.0	1,939.5	19.1	46.8	87.9	657.7	110.1	2,760.4
Robertson	19.6	5,717.7	19.6	4,415.3	0.0	617.8	0.0	36.2	0.0	385.2	0.0	263.2
Rutherford	1,602.6	8,119.5	510.6	3,229.2	490.6	2,120.2	0.0	103.6	15.8	927.8	585.6	1,738.7
Scott	5,324.2	34,557.7	4,343.8	23,861.9	27.5	2,916.4	118.3	152.5	580.1	2,898.1	254.5	4,728.8
Sequatchie	3,715.6	10,826.5	2,958.0	6,159.5	66.5	1,364.6	0.0	132.0	198.5	730.3	492.6	2,440.1
Sevier	3,643.4	11,810.0	3,016.0	7,738.0	111.6	1,035.5	17.0	77.5	293.0	537.7	205.7	2,421.4
Shelby	113.7	15,074.0	62.9	11,412.5	21.2	1,919.9	0.0	89.3	0.0	369.1	29.6	1,283.2
Smith	328.3	8,947.9	185.9	5,420.3	39.2	1,569.5	0.0	70.4	18.2	943.9	84.9	943.8
Stewart	395.5	22,885.3	284.7	16,090.8	62.4	1,865.5	0.0	128.3	0.0	2,329.6	48.4	2,471.0
Sullivan	1,962.5	12,288.9	1,714.9	9,597.0	19.4	1,184.6	16.2	28.1	18.5	162.4	193.4	1,316.8
Sumner	208.1	7,437.0	160.2	5,034.9	39.5	1,213.6	0.0	0.0	0.0	440.5	8.4	748.0
Tipton	1.9	6,478.4	0.0	4,611.6	0.0	610.9	0.0	0.0	0.0	621.5	1.9	634.5
Trousdale	231.8	2,383.2	187.9	1,345.2	29.0	243.9	0.0	0.0	0.0	199.1	14.9	594.9
Unicoi	2,170.3	10,321.7	1,874.8	7,175.2	75.9	1,209.6	0.0	0.0	42.3	155.8	177.3	1,781.0
Union	1,599.3	9,184.9	1,199.0	7,045.2	33.4	294.1	20.8	0.0	134.3	467.2	211.8	1,378.4
Van Buren	2,543.8	11,064.7	2,078.6	7,177.7	0.0	984.7	38.3	140.7	84.0	573.4	343.0	2,188.3
Warren	67.3	11,502.8	0.0	7,213.1	28.0	1,673.9	0.0	62.0	39.2	1,235.7	0.0	1,318.1
Washington	1,038.4	6,746.4	889.3	5,287.9	35.7	461.9	0.0	48.9	80.0	223.0	33.4	724.7
Wayne	1,775.1	32,490.5	1,127.4	22,978.9	18.7	1,979.7	0.0	164.5	141.5	2,060.1	487.4	5,307.2
Weakley	955.7	11,515.7	934.3	7,918.1	21.3	1,656.3	0.0	366.4	0.0	1,034.1	0.0	540.9
White	1,841.0	14,486.8	1,439.3	11,013.6	0.0	726.8	0.0	46.1	32.9	1,030.7	368.8	1,669.5
Williamson	1,025.5	16,816.1	608.4	9,783.7	148.2	2,729.9	0.0	247.4	31.4	1,700.4	237.5	2,354.7
Wilson	1,642.4	4,819.4	609.9	2,477.2	267.1	1,133.5	0.0	52.2	28.0	500.7	737.5	655.8
All counties	162,616.6	1,330,355.0	127,132.2	903,487.0	5,097.8	140,611.8	1,631.9	6,744.9	7,755.9	90,144.1	20,998.7	189,367.1

*Numbers in columns and rows may not total due to rounding.
†Includes trees ≥5.0 inches in d.b.h.
‡Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
§Softwood species.
¶Hardwood species.

Table 54. – *Wood and bark dry weight of stems in trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	1,659.9	10,814.9	1,467.8	7,239.0	74.5	1,202.7	0.0	0.0	52.6	487.9	65.1	1,885.4
Bedford	431.6	5,453.7	178.3	2,613.0	161.8	1,158.5	0.0	86.8	0.0	391.0	91.5	1,204.4
Benton	776.9	12,637.0	496.5	8,184.1	5.5	1,093.5	0.0	90.2	0.0	987.8	274.8	2,281.4
Bledsoe	3,332.8	10,082.8	2,737.6	5,909.2	15.2	919.9	0.0	70.9	178.1	805.2	402.0	2,377.6
Blount	1,959.2	4,830.8	1,568.6	3,389.2	12.9	307.1	0.0	0.0	156.4	138.8	221.3	995.6
Bradley	2,503.5	4,621.4	2,029.7	3,091.9	0.0	206.6	0.0	53.4	277.9	404.9	195.8	864.6
Campbell	2,584.8	21,662.9	2,164.9	14,805.7	55.0	2,149.0	0.0	0.0	187.9	1,287.9	177.1	3,420.3
Cannon	481.8	6,782.1	307.9	4,165.3	42.4	1,072.7	8.5	0.0	10.1	535.5	112.7	1,008.5
Carroll	926.2	15,005.7	671.1	10,538.1	9.5	1,067.8	20.9	98.9	81.2	700.7	143.5	2,600.2
Carter	1,918.0	15,482.7	1,587.9	11,345.5	43.1	1,912.1	0.0	46.6	123.9	490.6	163.1	1,688.0
Cheatam	237.9	10,997.1	216.8	7,297.4	0.0	937.3	0.0	119.1	0.0	926.5	21.1	1,716.8
Chester	1,717.1	6,089.0	1,315.8	4,019.5	49.0	365.9	142.9	28.4	42.1	397.8	167.3	1,277.4
Claiborne	559.3	13,586.1	441.1	9,319.9	32.4	1,506.8	0.0	0.0	25.5	329.7	60.3	2,429.7
Clay	266.7	6,241.6	122.0	3,915.2	0.0	395.6	0.0	54.6	0.0	452.4	144.7	1,423.8
Cocke	2,400.0	12,156.2	1,792.7	8,908.4	78.0	918.0	0.0	0.0	154.6	546.3	374.6	1,783.4
Coffee	0.0	11,099.0	0.0	7,307.6	0.0	1,174.8	0.0	82.2	0.0	1,021.9	0.0	1,512.5
Crockett	0.0	2,006.8	0.0	1,512.8	0.0	34.7	0.0	34.6	0.0	66.6	0.0	358.2
Cumberland	5,842.7	24,137.1	4,377.8	14,508.7	136.1	1,754.4	125.5	292.7	217.4	1,644.5	985.9	5,936.9
Davidson	474.6	8,977.1	153.6	5,246.0	78.7	1,203.1	0.0	0.0	0.0	913.2	242.3	1,614.8
Decatur	1,077.5	11,589.0	898.8	8,751.2	25.0	649.7	0.0	47.9	53.3	489.5	100.4	1,650.8
DeKalb	798.8	11,030.1	500.8	7,570.2	39.2	799.0	27.2	99.7	10.0	931.5	221.5	1,629.8
Dickson	118.5	15,435.9	36.8	10,602.9	0.0	778.4	0.0	95.3	0.0	1,215.7	81.7	2,743.5
Dyer	0.0	4,123.1	0.0	2,396.3	0.0	573.7	0.0	0.0	0.0	815.3	0.0	337.8
Fayette	1,410.7	13,845.5	777.3	8,940.7	78.7	1,844.4	35.8	0.0	105.6	936.6	413.3	2,123.7
Fentress	5,425.1	17,506.7	4,476.2	10,651.0	43.4	988.1	58.2	61.8	204.1	1,429.0	643.2	4,376.7
Franklin	286.3	14,195.5	146.2	7,933.1	27.3	1,371.6	0.0	16.2	0.0	1,883.8	112.8	2,990.7
Gibson	0.0	3,172.5	0.0	2,451.2	0.0	268.2	0.0	0.0	0.0	290.8	0.0	162.4
Giles	230.6	10,727.8	150.4	6,645.7	36.0	1,446.3	14.5	79.8	0.0	542.3	29.8	2,013.8
Grainger	813.7	9,170.6	661.7	6,415.3	25.3	910.5	0.0	35.5	35.4	237.3	91.3	1,572.0
Greene	1,956.0	13,901.5	1,429.6	9,848.3	89.0	1,375.6	0.0	121.9	63.5	425.8	374.0	2,130.0
Grundy	1,480.0	13,035.6	1,094.2	6,822.0	41.5	1,477.8	7.3	90.6	64.0	1,222.3	273.0	3,422.9
Hamblen	912.9	2,986.4	710.2	2,438.3	0.0	333.0	32.1	0.0	68.4	0.0	102.2	215.1
Hamilton	4,214.9	14,518.0	3,393.0	8,045.2	22.4	1,684.6	162.6	0.0	300.4	1,792.3	336.4	2,995.9
Hancock	180.7	5,122.0	142.4	3,218.5	11.3	710.4	0.0	0.0	0.0	149.7	27.1	1,043.4
Hardeman	2,876.0	17,317.0	2,172.6	11,951.7	49.6	2,073.6	0.0	0.0	116.5	1,149.7	537.3	2,141.9
Hardin	3,220.4	13,259.7	2,287.6	8,829.6	97.7	1,431.5	0.0	0.0	274.8	785.2	560.3	2,213.4
Hawkins	1,608.8	13,084.4	1,079.5	8,918.3	73.7	1,181.8	21.4	99.1	91.3	573.7	342.9	2,311.5
Haywood	3.5	7,526.7	0.0	5,702.2	0.0	602.3	0.0	43.7	0.0	672.3	3.5	506.1
Henderson	2,256.6	12,376.0	1,663.6	8,096.4	128.8	1,921.2	11.1	84.3	129.5	1,059.3	323.7	1,214.8
Henry	176.3	15,626.2	118.1	10,726.3	8.9	1,358.0	0.0	93.2	17.7	1,597.6	31.6	1,851.1
Hickman	806.0	27,506.5	593.3	17,784.7	33.2	2,410.2	0.0	29.5	99.6	2,026.2	79.9	5,255.9
Houston	94.2	8,166.9	19.1	6,038.7	0.0	567.4	0.0	0.0	12.7	406.8	62.4	1,153.9
Humphreys	189.6	19,973.5	136.4	13,628.3	31.7	1,044.5	0.0	348.4	15.4	1,764.3	6.0	3,188.0
Jackson	548.0	11,034.3	350.2	7,486.4	61.8	1,265.3	25.9	73.3	8.8	525.5	101.2	1,683.9
Jefferson	720.0	5,086.3	559.7	3,869.5	0.0	470.3	0.0	77.2	63.3	136.1	97.0	533.2
Johnson	1,329.6	11,854.4	1,092.1	8,198.7	0.0	932.3	0.0	14.2	0.0	346.5	237.5	2,362.7
Knox	2,233.1	9,706.0	1,496.0	6,655.6	111.5	1,391.2	32.1	104.2	171.6	245.7	421.9	1,309.2
Lake	1,062.5	1,567.6	1,062.5	1,386.6	0.0	150.6	0.0	0.0	0.0	0.0	0.0	30.5
Lauderdale	736.1	7,697.2	617.8	5,271.2	118.3	1,451.5	0.0	0.0	0.0	519.8	0.0	454.7
Lawrence	0.0	14,482.7	0.0	10,093.1	0.0	832.3	0.0	109.5	0.0	967.8	0.0	2,480.0
Lewis	135.0	11,586.5	46.8	7,891.6	0.0	793.0	0.0	205.6	12.1	885.0	76.1	1,811.3
Lincoln	756.2	8,619.6	375.3	4,958.5	49.9	1,290.0	0.0	0.0	24.5	780.8	306.4	1,590.3
Loudon	1,786.7	3,822.9	1,543.3	2,778.9	92.0	283.2	0.0	0.0	32.1	145.1	119.4	615.6

Table 54. – *Wood and bark dry weight of stems in trees on timberland by county and tree class, Tennessee, 1989* – Continued*

County	All trees		Tree class									
			Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
McMinn	4,444.9	7,934.9	3,576.4	4,973.5	54.8	673.9	134.5	48.8	173.7	365.6	505.5	1,873.1
McNairy	3,871.2	12,428.1	2,965.4	7,764.1	61.6	1,042.6	151.3	21.3	107.8	638.7	585.1	2,961.4
Macon	42.4	6,476.4	11.8	4,959.3	0.0	421.0	0.0	0.0	0.0	472.7	30.6	623.3
Madison	480.3	12,327.0	312.7	9,676.4	38.5	986.9	0.0	76.4	0.0	442.9	129.1	1,144.4
Marion	2,130.6	19,439.2	1,601.9	11,320.6	15.7	2,611.0	65.4	0.0	142.3	1,166.7	305.3	4,340.9
Marshall	566.8	5,129.6	248.1	2,768.6	96.5	1,034.6	0.0	0.0	0.0	306.7	222.2	1,019.7
Maury	80.1	9,539.3	27.3	5,688.8	17.4	1,227.8	0.0	28.6	0.0	896.8	35.4	1,697.4
Meigs	2,415.4	5,015.1	2,137.4	3,468.2	0.0	341.5	55.0	24.6	106.5	157.6	116.5	1,023.2
Monroe	9,023.8	18,040.6	7,222.7	12,303.2	256.0	1,654.9	8.9	97.0	156.6	237.7	1,379.5	3,747.8
Montgomery	390.5	10,468.8	300.7	6,367.3	17.5	1,495.4	0.0	0.0	27.3	604.9	45.0	2,001.1
Moore	228.7	3,562.1	87.5	2,468.8	27.5	313.4	0.0	20.6	46.9	403.9	66.8	355.5
Morgan	3,755.3	21,028.1	3,046.6	12,912.1	19.0	1,527.9	0.0	65.6	158.2	1,549.5	531.6	4,973.0
Obion	466.6	7,801.9	410.7	5,972.4	27.3	757.3	0.0	0.0	17.7	460.7	10.8	611.5
Overton	1,415.4	15,803.4	1,116.2	11,611.0	26.6	794.7	25.0	62.9	130.5	1,016.4	117.1	2,318.4
Perry	427.6	17,830.8	250.1	11,565.0	24.7	1,349.7	0.0	84.2	48.8	1,904.3	103.9	2,927.6
Pickett	381.5	6,151.4	245.1	4,293.4	12.1	533.7	0.0	27.1	22.2	258.3	102.1	1,038.9
Polk	8,294.7	9,692.3	7,114.2	5,897.2	77.6	755.6	0.0	16.9	184.7	517.9	918.3	2,504.7
Putnam	812.0	12,349.5	735.3	8,767.8	13.4	943.8	19.5	17.3	21.0	599.1	23.0	2,021.4
Rhea	2,032.0	9,146.9	1,692.4	6,519.6	35.2	738.8	13.6	0.0	79.7	392.4	211.1	1,496.1
Roane	1,939.3	13,012.4	1,747.0	8,600.8	0.0	1,355.0	16.3	33.3	72.4	483.9	103.5	2,539.6
Robertson	17.5	4,267.5	17.5	3,283.0	0.0	431.7	0.0	24.8	0.0	285.9	0.0	242.2
Rutherford	1,364.3	6,220.1	391.0	2,324.2	410.2	1,497.5	0.0	75.6	12.7	723.2	550.4	1,599.6
Scott	4,521.3	26,367.6	3,669.8	17,807.8	19.4	1,990.6	101.7	112.1	490.6	2,106.6	239.8	4,350.5
Sequatchie	3,122.8	8,490.9	2,430.7	4,609.5	53.3	992.8	0.0	98.1	175.8	545.6	463.1	2,244.9
Sevier	3,085.6	9,322.9	2,538.7	5,847.3	92.6	728.4	14.0	64.3	247.0	455.2	193.4	2,227.7
Shelby	100.2	11,533.5	55.2	8,603.9	17.2	1,406.8	0.0	63.9	0.0	278.4	27.8	1,180.6
Smith	267.4	6,706.1	140.7	3,967.6	33.3	1,083.8	0.0	54.2	13.6	732.1	79.8	868.3
Stewart	337.6	17,299.0	239.2	11,891.7	52.9	1,304.7	0.0	100.3	0.0	1,728.8	45.5	2,273.4
Sullivan	1,666.9	9,453.6	1,442.4	7,272.6	14.1	821.1	12.8	21.2	15.7	127.3	181.9	1,211.4
Sumner	176.5	5,648.7	136.4	3,800.0	32.2	828.6	0.0	0.0	0.0	332.1	7.9	688.1
Tipton	1.8	4,810.7	0.0	3,426.3	0.0	338.7	0.0	0.0	0.0	462.0	1.8	583.7
Trousdale	189.4	1,912.2	149.8	1,018.3	25.6	172.7	0.0	0.0	0.0	173.8	14.0	547.4
Unicoi	1,802.0	8,042.5	1,537.3	5,457.3	59.1	833.1	0.0	0.0	38.3	113.6	167.3	1,638.5
Union	1,364.5	7,105.2	1,008.0	5,288.4	28.8	209.9	18.7	0.0	109.9	338.8	199.1	1,268.1
Van Buren	2,120.2	8,521.7	1,696.5	5,313.8	0.0	670.8	31.2	109.1	70.1	414.8	322.4	2,013.2
Warren	56.6	8,662.6	0.0	5,308.7	22.1	1,196.3	0.0	49.5	34.4	895.5	0.0	1,212.6
Washington	857.9	5,105.0	729.6	3,908.0	26.7	328.4	0.0	36.0	70.2	165.9	31.5	666.8
Wayne	1,504.4	25,016.3	914.0	17,195.5	16.1	1,284.1	0.0	125.9	116.2	1,528.2	458.1	4,882.6
Weakley	821.4	8,323.3	803.0	5,686.5	18.5	1,106.9	0.0	276.6	0.0	755.7	0.0	497.6
White	1,521.6	11,025.0	1,153.0	8,192.2	0.0	490.7	0.0	30.1	21.9	775.9	346.7	1,536.0
Williamson	891.5	12,514.4	522.2	7,216.4	121.6	1,720.1	0.0	191.1	24.4	1,220.4	223.2	2,166.4
Wilson	1,455.5	3,588.0	509.2	1,806.7	232.1	752.2	0.0	42.2	21.0	383.5	693.3	603.3
All counties	137,963.3	1,016,433.5	106,195.0	673,436.9	4,187.6	96,791.7	1,393.6	5,088.8	6,440.6	66,898.4	19,746.5	174,217.7

*Numbers in columns and rows may not total due to rounding.
[†]Includes trees ≥5.0 inches in d.b.h.
[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
[§]Softwood species.
[¶]Hardwood species.

Table 55.—*Wood and bark dry weight of crowns in trees on timberland by county and tree class, Tennessee, 1989**

County	All trees		Tree class									
			Growing stock†		Rough and rotten†		Salvable dead†		Nonsalvable dead†		Sapling‡	
	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶	Soft§	Hard¶
	Million pounds											
Anderson	371.4	3,291.1	340.6	2,337.9	15.3	629.3	0.0	0.0	11.5	159.9	4.0	163.9
Bedford	95.7	1,702.0	56.8	949.2	33.0	561.7	0.0	9.4	0.0	77.1	5.8	104.7
Benton	167.9	3,831.0	147.2	2,823.0	3.2	442.1	0.0	28.8	0.0	338.7	17.5	198.4
Bledsoe	699.0	2,832.7	633.6	1,991.2	1.8	363.8	0.0	28.9	38.0	242.1	25.7	206.7
Blount	327.6	1,379.5	284.2	1,118.2	2.7	127.0	0.0	0.0	26.5	47.8	14.1	86.6
Bradley	411.9	1,424.9	353.2	1,102.5	0.0	109.6	0.0	13.5	46.2	124.1	12.5	75.2
Campbell	481.7	6,510.9	417.7	4,856.5	12.1	951.2	0.0	0.0	40.8	405.8	11.2	297.4
Cannon	107.9	1,923.4	80.2	1,291.8	9.4	405.8	6.0	0.0	5.0	138.1	7.2	87.7
Carroll	156.1	4,547.6	123.6	3,598.6	1.1	445.6	2.5	23.3	19.8	254.1	9.2	226.1
Carter	407.4	4,508.4	358.6	3,415.0	11.1	773.6	0.0	13.5	27.4	159.6	10.2	146.8
Cheatam	40.7	3,378.2	39.4	2,357.2	0.0	411.7	0.0	36.4	0.0	423.7	1.3	149.3
Chester	288.7	1,743.4	227.3	1,320.4	16.2	171.4	21.2	13.0	13.3	127.6	10.7	111.1
Claiborne	89.8	4,054.8	77.4	3,103.3	5.7	628.5	0.0	0.0	2.9	111.7	3.8	211.3
Clay	32.4	1,882.1	23.1	1,419.9	0.0	172.9	0.0	17.0	0.0	148.5	9.2	123.8
Cocke	425.0	3,496.6	359.8	2,709.2	14.8	403.3	0.0	0.0	26.7	229.0	23.7	155.1
Coffee	0.0	3,670.4	0.0	2,586.4	0.0	606.5	0.0	25.0	0.0	321.1	0.0	131.5
Crockett	0.0	685.1	0.0	592.3	0.0	32.1	0.0	11.5	0.0	18.2	0.0	31.1
Cumberland	1,071.4	7,355.5	912.4	5,205.9	31.5	809.0	19.6	121.0	46.1	703.3	61.9	516.2
Davidson	57.1	3,156.7	28.2	1,965.2	13.5	725.7	0.0	0.0	0.0	325.4	15.5	140.4
Decatur	166.8	3,532.6	140.0	2,939.7	4.1	280.3	0.0	11.6	16.3	157.4	6.4	143.5
DeKalb	141.5	3,385.3	108.8	2,547.0	6.0	342.4	7.8	32.7	4.7	321.5	14.1	141.7
Dickson	16.1	4,933.7	10.9	3,890.6	0.0	365.2	0.0	30.2	0.0	409.2	5.2	238.6
Dyer	0.0	1,563.0	0.0	950.9	0.0	242.8	0.0	0.0	0.0	339.9	0.0	29.4
Fayette	253.2	4,686.1	169.4	3,238.0	19.8	935.8	5.6	0.0	32.1	327.7	26.4	184.7
Fentress	984.5	5,205.3	889.3	3,772.7	10.3	474.6	8.7	29.0	35.8	548.5	40.4	380.6
Franklin	47.4	4,356.0	34.3	2,819.3	5.9	666.2	0.0	5.0	0.0	605.5	7.2	260.1
Gibson	0.0	1,093.3	0.0	870.6	0.0	111.6	0.0	0.0	0.0	97.0	0.0	14.1
Giles	44.9	3,489.5	34.3	2,338.8	6.9	759.2	1.8	28.5	0.0	188.0	1.9	175.1
Grainger	142.7	2,583.3	122.1	2,041.9	5.3	314.6	0.0	11.8	9.4	78.3	5.8	136.7
Greene	302.9	4,389.4	244.4	3,479.5	21.9	586.6	0.0	27.2	12.7	110.9	23.9	185.2
Grundy	277.8	4,071.8	232.9	2,397.1	8.8	856.9	6.4	37.5	12.4	482.7	17.3	297.6
Hamblen	156.1	1,036.8	129.0	894.3	0.0	123.8	6.1	0.0	14.5	0.0	6.5	18.7
Hamilton	671.2	4,320.8	568.6	2,792.6	5.9	725.1	21.2	0.0	54.4	542.6	21.1	260.5
Hancock	34.7	1,540.0	31.0	1,091.1	2.0	279.3	0.0	0.0	0.0	78.9	1.7	90.7
Hardeman	438.5	5,621.2	365.1	4,195.4	23.9	863.4	0.0	0.0	15.2	376.1	34.3	186.3
Hardin	610.0	4,509.5	499.3	3,254.2	17.2	777.0	0.0	0.0	57.8	285.9	35.8	192.5
Hawkins	247.2	3,730.2	182.1	2,854.2	19.1	422.2	3.5	43.7	20.6	209.2	21.9	201.0
Haywood	0.2	3,069.9	0.0	2,422.1	0.0	286.8	0.0	25.9	0.0	291.1	0.2	44.0
Henderson	438.0	4,126.2	336.5	2,822.5	41.6	794.5	4.1	37.0	35.2	366.5	20.7	105.6
Henry	33.3	4,949.9	24.9	3,659.9	3.6	578.0	0.0	27.0	2.7	524.0	2.0	161.0
Hickman	147.8	8,221.9	115.5	6,045.5	9.5	938.8	0.0	9.2	17.7	771.3	5.1	457.0
Houston	12.1	2,608.7	2.1	2,135.2	0.0	221.9	0.0	0.0	6.0	151.4	4.0	100.3
Humphreys	41.5	6,311.5	32.9	4,851.5	5.4	458.3	0.0	119.0	2.8	605.5	0.4	277.2
Jackson	101.6	3,513.4	77.6	2,564.8	7.4	625.3	5.5	21.2	4.5	155.6	6.5	146.4
Jefferson	139.1	1,681.9	117.8	1,360.7	0.0	201.9	0.0	27.5	15.2	45.5	6.2	46.4
Johnson	276.9	3,192.9	261.7	2,518.5	0.0	368.8	0.0	2.6	0.0	97.5	15.2	205.5
Knox	365.1	3,064.7	276.8	2,204.1	20.9	627.6	7.1	40.8	33.4	78.3	26.9	113.8
Lake	211.8	648.7	211.8	576.2	0.0	69.9	0.0	0.0	0.0	0.0	0.0	2.7
Lauderdale	109.6	2,784.5	90.5	2,024.5	19.1	539.9	0.0	0.0	0.0	180.5	0.0	39.5
Lawrence	0.0	4,351.4	0.0	3,411.7	0.0	404.7	0.0	41.0	0.0	278.2	0.0	215.7
Lewis	16.5	3,606.4	7.8	2,641.4	0.0	375.0	0.0	70.1	3.8	362.4	4.9	157.5
Lincoln	129.4	2,690.1	92.9	1,785.5	9.1	566.4	0.0	0.0	7.9	200.0	19.6	138.3
Loudon	305.0	1,341.4	273.7	1,101.6	15.6	124.2	0.0	0.0	8.1	62.1	7.6	53.5

Table 55.—*Wood and bark dry weight of crowns in trees on timberland by county and tree class, Tennessee, 1989*—Continued*

County	All trees		Tree class									
			Growing stock[†]		Rough and rotten[†]		Salvable dead[†]		Nonsalvable dead[†]		Sapling[‡]	
	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]	Soft[§]	Hard[¶]
	Million pounds											
McMinn	805.5	2,246.7	693.9	1,639.5	14.4	332.4	18.4	12.3	46.5	99.7	32.3	162.9
McNairy	631.9	3,610.0	526.8	2,717.2	19.6	442.0	28.6	6.8	19.5	186.4	37.3	257.5
Macon	4.2	1,852.2	2.2	1,486.5	0.0	170.2	0.0	0.0	0.0	141.3	2.0	54.2
Madison	74.3	4,313.3	53.0	3,554.3	13.0	464.4	0.0	23.5	0.0	171.5	8.2	99.5
Marion	391.6	5,542.3	330.5	3,574.5	1.9	1,169.8	10.4	0.0	29.8	420.5	19.0	377.5
Marshall	85.8	1,641.4	53.3	933.6	18.3	497.8	0.0	0.0	0.0	121.4	14.2	88.7
Maury	12.1	2,848.0	7.7	1,890.7	2.2	521.7	0.0	0.0	0.0	288.1	2.3	147.6
Meigs	406.1	1,479.0	374.1	1,182.3	0.0	153.0	8.3	0.0	16.3	54.7	7.4	89.0
Monroe	1,586.9	5,231.1	1,417.3	4,120.3	54.2	664.3	1.1	27.5	28.3	93.0	86.1	325.9
Montgomery	68.4	3,295.7	55.0	2,126.7	2.8	806.8	0.0	0.0	7.8	188.2	2.9	174.0
Moore	33.2	1,253.7	19.6	936.4	3.4	129.3	0.0	4.0	5.9	153.0	4.3	30.9
Morgan	649.2	6,226.5	569.8	4,382.6	11.6	770.9	0.0	21.5	33.9	619.1	33.9	432.4
Obion	63.4	2,942.4	57.9	2,307.0	3.1	401.1	0.0	0.0	1.8	181.1	0.7	53.2
Overton	281.8	4,314.1	241.0	3,448.1	5.3	330.8	3.8	19.2	24.2	314.4	7.5	201.6
Perry	76.9	5,240.3	55.1	3,576.4	6.4	659.0	0.0	21.7	8.8	728.6	6.6	254.6
Pickett	85.5	1,880.6	75.6	1,431.1	1.4	243.0	0.0	5.2	2.4	111.0	6.1	90.3
Polk	1,487.2	2,646.5	1,359.4	1,924.3	21.5	315.7	0.0	3.2	48.2	185.5	58.0	217.8
Putnam	152.3	3,780.6	142.3	2,936.7	1.9	448.6	2.9	7.3	3.7	212.2	1.5	175.8
Rhea	399.8	2,732.7	355.9	2,155.8	8.8	312.3	2.7	0.0	19.3	134.5	13.2	130.1
Roane	302.8	3,720.7	277.9	2,728.0	0.0	584.6	2.8	13.5	15.5	173.8	6.6	220.8
Robertson	2.1	1,450.2	2.1	1,132.3	0.0	186.2	0.0	11.4	0.0	99.3	0.0	21.1
Rutherford	238.3	1,899.4	119.6	905.0	80.5	622.7	0.0	28.0	3.1	204.6	35.1	139.1
Scott	802.9	8,190.0	674.0	6,054.0	8.1	925.7	16.6	40.4	89.5	791.5	14.8	378.3
Sequatchie	592.8	2,335.6	527.3	1,550.0	13.2	371.8	0.0	33.9	22.7	184.8	29.6	195.2
Sevier	557.7	2,487.0	477.4	1,890.7	19.1	307.0	3.0	13.2	46.0	82.4	12.3	193.7
Shelby	13.5	3,540.5	7.7	2,808.6	4.0	513.1	0.0	25.4	0.0	90.7	1.8	102.7
Smith	60.9	2,241.8	45.2	1,452.6	5.9	485.6	0.0	16.2	4.6	211.8	5.1	75.5
Stewart	57.9	5,586.3	45.5	4,199.1	9.5	560.8	0.0	28.0	0.0	600.7	2.9	197.7
Sullivan	295.6	2,835.2	272.5	2,324.4	5.3	363.5	3.4	6.9	2.8	35.1	11.6	105.3
Sumner	31.5	1,788.3	23.8	1,234.9	7.3	385.0	0.0	0.0	0.0	108.5	0.5	59.8
Tipton	0.1	1,667.7	0.0	1,185.3	0.0	272.1	0.0	0.0	0.0	159.5	0.1	50.8
Trousdale	42.4	471.0	38.1	326.9	3.4	71.2	0.0	0.0	0.0	25.3	0.9	47.6
Unicoi	368.3	2,279.1	337.5	1,717.9	16.8	376.6	0.0	0.0	4.0	42.2	9.9	142.5
Union	234.9	2,079.7	191.0	1,756.9	4.6	84.2	2.1	0.0	24.4	128.3	12.7	110.3
Van Buren	423.7	2,543.1	382.1	1,863.9	0.0	313.9	7.1	31.5	13.8	158.6	20.6	175.1
Warren	10.7	2,840.2	0.0	1,904.4	5.9	477.7	0.0	12.5	4.8	340.2	0.0	105.4
Washington	180.5	1,641.4	159.7	1,379.9	9.1	133.4	0.0	12.9	9.8	57.2	1.9	58.0
Wayne	270.7	7,474.1	213.4	5,783.4	2.6	695.6	0.0	38.5	25.4	532.0	29.2	424.6
Weakley	134.2	3,192.4	131.4	2,231.6	2.9	549.4	0.0	89.7	0.0	278.5	0.0	43.3
White	319.4	3,461.7	286.3	2,821.4	0.0	236.0	0.0	15.9	11.0	254.8	22.1	133.6
Williamson	134.0	4,301.7	86.2	2,567.3	26.6	1,009.9	0.0	56.2	7.0	479.9	14.3	188.4
Wilson	186.9	1,231.3	100.7	670.5	34.9	381.3	0.0	9.9	7.0	117.2	44.3	52.5
All counties	24,653.2	313,921.5	20,937.3	230,050.1	910.2	43,820.1	238.3	1,656.0	1,315.3	23,245.8	1,252.2	15,149.5

*Numbers in columns and rows may not total due to rounding.
[†]Includes trees ≥5.0 inches in d.b.h.
[‡]Includes growing-stock, rough and rotten, and nonsalvable dead trees ≥1.0 and <5.0 inches in d.b.h.
[§]Softwood species.
[¶]Hardwood species.

Table 56. – *Wood and bark fresh weight of live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	3,897.0	22,694.5	161.3	0.0	0.0	0.0	1,742.6	4,486.9	1,147.1	9,581.9	846.0	8,625.7	0.0	0.0
Bedford	1,030.7	10,637.4	0.0	48.0	2.6	407.3	917.8	3,169.9	110.3	3,480.1	0.0	3,532.1	0.0	0.0
Benton	1,833.7	25,311.1	0.0	0.0	167.8	6,165.8	770.6	5,342.2	895.2	10,248.2	0.0	3,554.9	0.0	0.0
Bledsoe	7,605.6	19,246.3	34.9	713.9	0.0	471.9	2,162.4	8,165.3	2,818.9	6,485.8	1,387.5	3,317.3	1,201.8	92.0
Blount	4,157.3	9,976.1	0.0	156.4	0.0	158.1	567.7	1,649.7	2,472.4	4,001.9	1,117.1	4,010.0	0.0	0.0
Bradley	5,234.9	8,816.6	397.1	250.9	1,518.4	387.4	278.6	2,651.7	0.0	4,855.2	3,040.9	671.4	0.0	0.0
Campbell	5,644.8	44,016.6	81.1	467.2	94.1	1,457.8	2,458.0	9,853.1	1,408.3	22,565.5	1,603.3	9,672.9	0.0	0.0
Cannon	1,118.0	13,839.5	0.0	353.4	41.2	197.4	262.6	3,042.6	814.3	7,137.2	0.0	3,108.8	0.0	0.0
Carroll	1,912.5	32,578.3	0.0	0.0	37.2	315.4	759.6	6,843.0	756.7	19,022.1	358.9	6,397.7	0.0	0.0
Carter	4,458.7	33,103.0	0.0	0.0	373.1	321.1	227.3	5,620.0	213.6	10,363.3	3,644.7	16,798.6	0.0	0.0
Cheatam	564.4	21,751.6	0.0	307.3	0.0	2,591.8	241.7	3,982.8	259.4	9,379.1	63.3	5,490.6	0.0	0.0
Chester	3,532.8	12,699.6	0.0	401.2	166.0	760.1	464.9	3,794.7	1,277.7	3,920.7	1,624.2	3,822.9	0.0	0.0
Claiborne	1,184.7	28,925.1	65.1	157.8	270.9	1,015.1	54.1	8,481.8	794.6	15,245.9	0.0	4,024.5	0.0	0.0
Clay	590.9	12,047.9	11.7	474.8	133.2	2,089.2	111.2	5,400.1	334.8	4,083.7	0.0	0.0	0.0	0.0
Cocke	5,101.6	25,065.4	0.0	0.0	149.1	716.6	1,147.7	7,661.5	2,245.1	5,450.2	1,444.0	9,583.6	115.7	1,653.5
Coffee	0.0	23,132.4	0.0	52.5	0.0	1,231.6	0.0	2,642.0	0.0	16,225.5	0.0	2,980.7	0.0	0.0
Crockett	0.0	4,633.6	0.0	0.0	0.0	0.0	0.0	1,392.1	0.0	0.0	0.0	0.0	0.0	3,241.5
Cumberland	13,196.0	46,728.5	0.0	0.0	768.6	2,625.3	292.2	9,684.6	5,069.2	23,708.6	4,139.2	7,823.0	2,926.9	2,886.9
Davidson	977.7	17,645.6	0.0	0.0	0.0	2,499.8	492.9	5,941.8	484.8	4,664.9	0.0	4,539.0	0.0	0.0
Decatur	2,202.0	25,037.8	0.0	249.3	0.0	1,087.8	120.7	8,764.0	558.5	10,833.8	0.0	3,319.5	1,522.7	783.4
DeKalb	1,735.9	21,565.1	0.0	0.0	0.0	0.0	629.2	8,269.1	1,106.7	9,479.9	0.0	1,553.9	0.0	2,262.1
Dickson	262.2	31,220.2	0.0	1.9	0.0	3,150.1	0.0	9,217.4	262.2	16,811.5	0.0	2,039.3	0.0	0.0
Dyer	0.0	8,306.9	0.0	0.0	0.0	1,303.8	0.0	1,558.8	0.0	5,444.3	0.0	0.0	0.0	0.0
Fayette	2,950.2	30,336.4	238.5	72.4	0.0	0.0	213.2	10,788.6	133.7	7,943.6	676.4	9,774.7	1,688.5	1,757.1
Fentress	12,193.8	33,553.9	0.0	0.0	495.6	2,527.6	2,146.5	11,065.2	2,640.9	11,244.5	6,910.8	8,716.7	0.0	0.0
Franklin	610.5	25,576.4	0.0	86.2	58.0	3,322.0	249.2	11,232.7	303.3	10,935.6	0.0	0.0	0.0	0.0
Gibson	0.0	6,477.6	0.0	0.0	0.0	2,665.4	0.0	0.0	0.0	3,812.3	0.0	0.0	0.0	0.0
Giles	582.4	21,952.6	16.2	323.7	55.2	2,652.8	96.0	9,896.4	415.0	5,353.5	0.0	3,726.2	0.0	0.0
Grainger	1,843.3	19,400.4	0.0	0.0	0.0	222.3	946.0	3,941.6	689.2	8,066.6	208.1	4,347.2	0.0	2,822.7
Greene	4,329.7	29,456.6	27.8	115.9	460.9	2,410.2	91.7	4,978.7	2,005.2	11,847.5	1,611.6	8,604.7	132.5	1,499.5
Grundy	2,994.7	23,904.4	37.6	166.2	100.2	1,743.0	387.1	9,028.0	990.5	7,580.1	1,479.3	5,387.1	0.0	0.0
Hamblen	1,804.6	6,687.7	0.0	0.0	0.0	0.0	1,433.5	1,702.5	371.1	1,418.8	0.0	3,566.4	0.0	0.0
Hamilton	8,805.1	27,206.3	0.0	59.7	40.2	1,962.2	3,184.2	11,680.4	2,344.8	7,581.4	3,235.8	5,922.6	0.0	0.0
Hancock	431.8	10,789.2	0.0	24.9	84.3	3,487.3	317.4	2,717.6	30.1	2,653.3	0.0	1,906.1	0.0	0.0
Hardeman	6,263.5	38,488.8	0.0	170.3	398.4	2,623.3	853.1	11,801.4	3,965.7	15,466.9	1,046.3	8,426.9	0.0	0.0
Hardin	6,829.3	28,879.0	224.6	61.3	1,064.7	3,329.0	1,624.6	8,864.6	2,262.6	15,062.6	1,652.9	1,561.6	0.0	0.0
Hawkins	3,449.4	26,329.5	0.0	0.0	725.9	2,098.2	1,658.8	12,955.8	1,064.6	9,254.6	0.0	2,020.9	0.0	0.0
Haywood	6.8	17,541.8	0.0	259.1	0.0	0.0	6.8	3,925.3	0.0	6,938.1	0.0	6,419.3	0.0	0.0
Henderson	4,872.5	27,365.2	0.0	115.7	109.5	647.9	964.1	9,249.6	2,784.2	8,238.8	0.0	4,227.1	1,014.7	4,886.2
Henry	376.5	32,198.4	0.0	0.0	246.9	3,145.0	0.0	6,893.4	116.0	15,704.5	0.0	4,433.6	13.6	2,021.9
Hickman	1,633.0	53,230.6	0.0	0.0	44.0	5,843.1	161.9	18,437.2	1,427.1	22,644.1	0.0	6,306.2	0.0	0.0
Houston	133.3	16,990.3	80.4	129.3	0.0	1,121.3	0.0	4,169.1	53.0	11,570.6	0.0	0.0	0.0	0.0
Humphreys	425.0	38,499.8	0.0	26.2	133.5	3,812.8	37.9	15,912.8	253.5	18,748.0	0.0	0.0	0.0	0.0
Jackson	1,215.8	23,196.3	21.2	351.0	225.9	1,745.6	481.4	4,498.0	224.5	6,364.3	262.8	7,642.1	0.0	2,595.4
Jefferson	1,399.1	10,907.5	0.0	14.6	223.9	552.0	25.8	1,093.9	1,149.4	6,827.6	0.0	0.0	0.0	2,419.3
Johnson	3,500.1	24,416.6	0.0	0.0	43.6	540.6	726.2	6,721.1	2,063.6	9,203.5	461.6	5,648.6	205.1	2,302.8
Knox	4,521.2	20,926.0	0.0	0.0	348.1	1,086.9	2,058.9	4,144.2	2,114.2	9,932.4	0.0	5,762.4	0.0	0.0
Lake	2,277.8	3,487.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,277.8	3,487.9
Lauderdale	1,511.7	17,917.8	0.0	265.9	0.0	1,042.3	0.0	3,398.3	406.9	12,051.5	0.0	0.0	1,104.8	1,159.7
Lawrence	0.0	29,609.9	0.0	651.0	0.0	3,271.5	0.0	15,705.7	0.0	9,981.6	0.0	0.0	0.0	0.0
Lewis	267.9	22,876.8	155.8	19.3	0.0	2,518.6	0.0	7,425.7	112.1	11,137.7	0.0	1,775.5	0.0	0.0
Lincoln	1,519.4	17,284.2	1.1	257.6	363.0	1,620.2	840.0	6,908.6	315.3	5,427.4	0.0	3,070.4	0.0	0.0
Loudon	4,169.3	8,656.9	19.0	151.0	136.1	302.2	721.2	1,631.3	1,821.9	6,484.6	1,471.1	87.7	0.0	0.0

Table 56. – *Wood and bark fresh weight of live trees on timberland by county and basal area class, Tennessee, 1989* – Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
McMinn	9,929.0	16,292.8	96.5	10.0	309.0	318.8	1,769.0	1,067.9	2,331.3	7,431.3	4,234.0	6,566.7	1,189.3	898.1
McNairy	8,374.8	26,492.6	35.3	218.3	476.3	3,636.3	1,632.8	7,648.6	3,731.2	9,859.5	2,499.2	5,130.0	0.0	0.0
Macon	28.4	13,496.5	28.4	125.4	0.0	667.9	0.0	7,339.3	0.0	3,341.8	0.0	2,022.1	0.0	0.0
Madison	1,066.9	28,984.2	0.0	0.0	193.5	1,242.3	757.5	8,490.9	66.0	11,413.8	49.9	7,837.3	0.0	0.0
Marion	4,510.4	38,112.2	0.0	285.9	628.9	3,951.8	925.2	9,584.0	2,059.8	16,551.2	896.4	7,739.4	0.0	0.0
Marshall	1,293.7	10,442.6	100.5	204.3	249.4	1,347.8	288.1	3,209.0	655.7	3,798.3	0.0	1,883.2	0.0	0.0
Maury	180.3	17,539.7	75.1	130.5	70.6	1,963.7	34.7	8,647.3	0.0	6,798.2	0.0	0.0	0.0	0.0
Meigs	5,328.3	10,774.6	0.0	0.0	83.9	76.6	617.9	2,386.3	3,528.3	8,293.3	1,098.2	18.3	0.0	0.0
Monroe	21,018.4	38,135.8	0.0	0.0	516.8	575.8	3,372.5	4,834.1	8,794.2	14,295.9	7,804.0	12,190.8	530.9	6,239.1
Montgomery	848.1	21,732.2	0.0	374.2	44.6	813.4	803.5	11,636.6	0.0	8,908.0	0.0	0.0	0.0	0.0
Moore	391.4	7,022.4	0.0	0.0	0.0	0.0	206.6	2,899.4	184.8	658.5	0.0	3,464.5	0.0	0.0
Morgan	8,320.5	41,862.7	25.5	32.1	279.2	1,964.8	2,412.8	10,151.8	2,979.3	20,411.6	2,623.7	7,332.3	0.0	1,970.1
Obion	912.5	17,479.2	0.0	0.0	0.0	0.0	220.1	3,091.8	0.0	4,535.6	692.4	6,813.6	0.0	3,038.2
Overton	2,978.6	32,175.0	0.0	0.0	91.6	914.0	272.4	5,539.9	1,194.0	17,433.5	1,420.5	8,287.6	0.0	0.0
Perry	880.1	33,211.8	0.0	87.4	249.1	4,713.4	147.6	14,427.8	483.4	12,393.3	0.0	1,590.0	0.0	0.0
Pickett	769.2	13,042.3	0.0	94.1	0.0	0.0	77.1	2,998.0	137.8	6,901.8	554.4	3,048.4	0.0	0.0
Polk	19,623.5	19,159.9	146.4	468.0	412.3	1,424.3	3,637.0	5,037.7	2,982.9	6,394.5	8,113.3	2,835.8	4,331.6	2,999.5
Putnam	1,825.6	26,116.0	5.2	64.8	0.0	2,358.7	119.5	5,581.3	958.9	13,512.7	742.0	4,598.5	0.0	0.0
Rhea	4,513.4	19,053.4	0.0	468.1	226.8	1,230.0	1,180.7	3,929.8	492.7	8,199.0	2,613.2	3,289.3	0.0	1,937.0
Roane	4,266.8	26,554.0	0.0	211.1	371.5	650.4	918.1	4,874.1	985.3	15,272.6	1,992.0	5,545.7	0.0	0.0
Robertson	40.2	9,005.3	0.0	0.0	0.0	671.9	40.2	4,627.4	0.0	3,705.9	0.0	0.0	0.0	0.0
Rutherford	3,007.1	11,200.3	241.3	272.7	672.2	1,992.0	955.3	3,633.0	1,138.4	4,119.3	0.0	1,183.3	0.0	0.0
Scott	9,554.2	52,446.1	0.0	724.5	139.9	1,572.4	2,061.5	8,421.3	4,785.2	30,025.9	1,187.1	11,102.5	1,380.5	599.6
Sequatchie	6,757.4	16,407.3	7.2	0.0	122.4	1,145.3	1,702.1	3,695.0	3,084.0	7,271.5	1,841.8	1,910.5	0.0	2,385.0
Sevier	6,763.9	18,285.7	0.0	0.0	348.2	1,016.7	1,133.1	2,960.6	2,649.9	8,378.9	2,040.4	5,030.6	592.2	898.9
Shelby	195.5	26,671.3	0.0	0.0	0.0	0.0	56.7	4,945.1	138.8	10,522.0	0.0	8,410.7	0.0	2,793.6
Smith	610.4	13,086.7	130.7	196.6	0.0	637.5	398.8	4,367.3	80.9	2,386.1	0.0	2,472.7	0.0	3,026.5
Stewart	797.9	34,639.4	39.7	476.0	171.6	3,836.1	0.0	14,776.4	586.7	15,550.9	0.0	0.0	0.0	0.0
Sullivan	3,807.5	20,264.1	105.0	0.0	74.8	1,073.7	1,143.0	4,344.5	415.9	10,426.0	2,068.8	4,420.0	0.0	0.0
Sumner	410.8	11,856.6	0.0	349.0	186.0	1,552.2	224.8	6,845.7	0.0	3,109.8	0.0	0.0	0.0	0.0
Tipton	3.5	10,738.8	0.0	0.0	0.0	0.0	3.5	5,549.6	0.0	5,189.2	0.0	0.0	0.0	0.0
Trousdale	468.6	3,427.5	0.0	0.0	0.0	0.0	283.1	1,694.1	185.5	1,733.5	0.0	0.0	0.0	0.0
Unicoi	4,697.6	17,238.9	0.0	0.0	0.0	0.0	188.2	1,480.1	2,573.6	9,251.9	663.1	3,764.6	1,272.7	2,742.3
Union	2,884.0	15,177.0	0.0	0.0	0.0	709.4	1,212.3	5,713.4	1,163.3	7,764.9	508.3	989.4	0.0	0.0
Van Buren	4,826.3	17,360.1	2.7	130.8	221.8	2,023.7	521.9	2,656.5	2,798.5	10,966.4	1,281.4	1,582.6	0.0	0.0
Warren	56.6	17,576.2	0.0	119.6	0.0	0.0	56.6	5,903.9	0.0	8,859.0	0.0	2,693.7	0.0	0.0
Washington	2,038.2	11,056.2	0.0	0.0	0.0	0.0	347.8	276.8	300.8	5,982.6	1,389.6	4,796.8	0.0	0.0
Wayne	3,032.4	50,343.0	48.4	438.1	574.4	4,103.8	1,214.9	23,626.5	1,194.8	22,174.5	0.0	0.0	0.0	0.0
Weakley	1,883.4	17,353.9	0.0	91.1	25.0	2,016.5	180.0	2,583.5	112.2	6,765.2	1,566.2	5,897.6	0.0	0.0
White	3,389.7	22,973.8	0.0	0.0	72.2	1,722.8	40.6	8,519.0	359.0	9,390.9	800.8	103.4	2,117.0	3,237.7
Williamson	1,903.1	24,388.4	0.0	24.1	0.0	442.0	1,192.4	8,549.6	572.1	9,642.3	138.6	4,114.6	0.0	1,615.8
Wilson	3,013.7	6,929.4	59.5	242.9	490.3	777.1	1,275.5	2,551.2	1,188.4	3,358.1	0.0	0.0	0.0	0.0
All counties	304,361.0	2,079,230.0	2,720.6	12,795.3	16,382.5	138,390.0	66,552.6	599,479.3	107,981.8	895,444.9	87,105.2	362,867.3	23,618.3	70,253.4

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 57.—*Wood and bark fresh weight of stems in live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	3,144.5	17,087.4	115.9	0.0	0.0	0.0	1,463.8	3,454.9	903.7	7,144.7	661.1	6,487.9	0.0	0.0
Bedford	814.6	7,957.3	0.0	32.0	2.3	318.3	738.7	2,402.9	73.6	2,443.5	0.0	2,760.6	0.0	0.0
Benton	1,456.9	19,065.1	0.0	0.0	143.3	4,603.0	612.9	3,986.1	700.7	7,707.4	0.0	2,768.7	0.0	0.0
Bledsoe	6,132.3	14,595.9	30.9	549.0	0.0	364.7	1,716.0	6,103.9	2,292.9	4,957.7	1,136.6	2,542.6	956.0	78.1
Blount	3,426.3	7,573.6	0.0	119.9	0.0	120.9	462.9	1,244.8	2,068.7	3,011.7	894.7	3,076.4	0.0	0.0
Bradley	4,421.8	6,581.9	354.2	171.7	1,264.1	331.8	240.1	1,939.2	0.0	3,626.3	2,563.5	512.9	0.0	0.0
Campbell	4,665.2	33,394.6	65.0	356.6	77.4	1,127.3	2,061.0	7,503.5	1,128.2	17,156.6	1,333.7	7,250.7	0.0	0.0
Cannon	898.5	10,637.1	0.0	218.4	36.8	158.4	204.4	2,385.0	657.3	5,487.8	0.0	2,387.4	0.0	0.0
Carroll	1,625.3	24,758.8	0.0	0.0	32.2	237.2	657.6	5,260.3	637.1	14,315.7	298.5	4,945.5	0.0	0.0
Carter	3,572.4	25,491.7	0.0	0.0	303.3	249.9	168.6	4,238.0	169.3	7,952.3	2,931.2	13,051.4	0.0	0.0
Cheatam	473.3	16,600.9	0.0	237.8	0.0	1,981.9	207.2	2,958.1	213.9	7,174.9	52.2	4,248.1	0.0	0.0
Chester	2,976.3	9,688.8	0.0	315.5	125.8	544.5	394.1	2,890.2	1,060.8	3,004.0	1,395.5	2,934.7	0.0	0.0
Claiborne	995.3	21,928.5	52.0	120.0	203.1	765.2	47.9	6,396.4	692.3	11,682.6	0.0	2,964.4	0.0	0.0
Clay	511.0	9,059.4	10.5	351.5	112.5	1,534.3	89.3	4,024.5	298.8	3,149.1	0.0	0.0	0.0	0.0
Cocke	4,155.1	19,269.3	0.0	0.0	91.4	553.9	921.1	5,873.1	1,867.9	4,226.1	1,185.8	7,348.8	88.9	1,267.5
Coffee	0.0	17,202.0	0.0	38.2	0.0	885.1	0.0	2,014.8	0.0	12,050.2	0.0	2,213.6	0.0	0.0
Crockett	0.0	3,412.9	0.0	0.0	0.0	0.0	0.0	1,031.6	0.0	0.0	0.0	0.0	0.0	2,381.3
Cumberland	10,668.8	35,012.6	0.0	0.0	609.9	1,934.6	253.5	7,169.5	4,084.4	17,751.7	3,361.0	5,970.6	2,359.9	2,186.2
Davidson	840.2	12,900.8	0.0	0.0	0.0	1,727.1	423.3	4,444.5	416.9	3,474.9	0.0	3,254.2	0.0	0.0
Decatur	1,892.9	19,012.8	0.0	196.7	0.0	829.9	103.7	6,639.7	482.1	8,238.8	0.0	2,456.0	1,307.1	651.6
DeKalb	1,439.2	16,384.4	0.0	0.0	0.0	0.0	498.8	6,390.5	940.4	7,034.7	0.0	1,215.3	0.0	1,744.0
Dickson	222.0	23,329.8	0.0	1.5	0.0	2,426.3	0.0	6,758.3	222.0	12,764.0	0.0	1,379.7	0.0	0.0
Dyer	0.0	6,072.3	0.0	0.0	0.0	980.6	0.0	1,189.1	0.0	3,902.7	0.0	0.0	0.0	0.0
Fayette	2,461.5	22,525.5	216.3	57.5	0.0	0.0	176.8	7,984.7	117.9	5,860.9	565.3	7,341.7	1,385.2	1,280.7
Fentress	10,043.9	25,316.9	0.0	0.0	417.3	1,954.3	1,761.4	8,301.3	2,192.5	8,595.3	5,672.7	6,466.1	0.0	0.0
Franklin	502.9	19,186.6	0.0	56.4	52.2	2,467.6	214.4	8,458.2	236.3	8,204.3	0.0	0.0	0.0	0.0
Gibson	0.0	4,842.5	0.0	0.0	0.0	1,971.5	0.0	0.0	0.0	2,871.0	0.0	0.0	0.0	0.0
Giles	403.2	16,367.4	9.9	255.5	43.1	1,993.6	85.2	7,337.3	265.1	3,931.7	0.0	2,849.4	0.0	0.0
Grainger	1,529.6	14,956.3	0.0	0.0	0.0	199.2	776.7	3,031.0	579.2	6,199.5	173.7	3,299.8	0.0	2,226.8
Greene	3,640.7	22,092.7	24.9	86.6	389.9	1,817.2	80.1	3,675.2	1,675.3	8,913.4	1,364.2	6,458.9	106.3	1,141.5
Grundy	2,428.2	17,614.5	28.4	130.2	82.3	1,295.9	305.2	6,870.2	803.1	5,520.3	1,209.2	3,797.9	0.0	0.0
Hamblen	1,498.2	4,959.9	0.0	0.0	0.0	0.0	1,190.3	1,237.5	307.9	1,013.0	0.0	2,709.4	0.0	0.0
Hamilton	7,466.3	20,542.4	0.0	46.9	35.6	1,457.3	2,670.6	8,822.4	1,982.0	5,726.3	2,778.2	4,489.5	0.0	0.0
Hancock	353.6	8,187.5	0.0	21.3	70.0	2,743.2	257.3	2,084.9	26.3	1,985.8	0.0	1,352.3	0.0	0.0
Hardeman	5,324.8	28,948.3	0.0	146.2	321.3	1,912.0	706.9	8,999.9	3,421.4	11,656.2	875.2	6,233.9	0.0	0.0
Hardin	5,612.3	21,358.5	167.2	41.6	815.5	2,481.7	1,356.2	6,647.5	1,876.5	11,001.7	1,396.9	1,186.0	0.0	0.0
Hawkins	2,913.9	20,252.2	0.0	0.0	608.7	1,598.7	1,408.7	9,877.3	896.5	7,219.1	0.0	1,557.1	0.0	0.0
Haywood	6.0	12,643.0	0.0	178.6	0.0	0.0	6.0	2,943.1	0.0	5,003.5	0.0	4,517.8	0.0	0.0
Henderson	4,019.8	20,415.1	0.0	74.8	94.1	518.3	804.1	6,963.0	2,345.0	6,121.6	0.0	3,038.9	776.6	3,698.5
Henry	308.8	24,359.2	0.0	0.0	208.4	2,356.9	0.0	5,118.6	88.1	12,065.7	0.0	3,218.7	12.2	1,599.4
Hickman	1,347.0	40,267.0	0.0	0.0	33.9	4,433.8	135.9	13,876.2	1,177.2	17,082.3	0.0	4,874.7	0.0	0.0
Houston	119.7	12,765.2	72.5	99.8	0.0	829.9	0.0	3,147.4	47.2	8,688.1	0.0	0.0	0.0	0.0
Humphreys	340.0	28,772.4	0.0	19.8	100.1	2,826.3	33.7	11,944.7	206.3	13,981.5	0.0	0.0	0.0	0.0
Jackson	1,005.6	17,393.5	18.9	263.4	187.2	1,346.6	404.1	3,420.2	179.9	4,699.9	215.5	5,808.8	0.0	1,854.7
Jefferson	1,130.7	8,206.3	0.0	11.6	181.5	427.7	11.6	816.3	937.6	5,108.7	0.0	0.0	0.0	1,842.0
Johnson	2,605.6	18,879.2	0.0	0.0	31.0	406.2	562.0	5,265.8	1,506.4	7,115.3	332.8	4,269.7	173.4	1,822.3
Knox	3,775.1	15,753.9	0.0	0.0	295.5	814.4	1,724.3	3,036.0	1,755.2	7,453.2	0.0	4,450.3	0.0	0.0
Lake	1,899.2	2,588.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,899.2	2,588.5
Lauderdale	1,315.7	13,310.6	0.0	203.2	0.0	726.3	0.0	2,430.2	346.1	9,068.3	0.0	0.0	969.7	882.7
Lawrence	0.0	22,377.7	0.0	506.3	0.0	2,490.5	0.0	11,819.9	0.0	7,561.0	0.0	0.0	0.0	0.0
Lewis	234.2	17,279.9	139.8	12.6	0.0	1,927.1	0.0	5,567.1	94.4	8,392.3	0.0	1,380.7	0.0	0.0
Lincoln	1,244.9	13,006.7	1.0	199.6	302.0	1,226.5	673.2	5,193.2	268.7	4,113.6	0.0	2,273.8	0.0	0.0
Loudon	3,506.2	6,355.6	15.7	111.9	113.8	241.3	620.5	1,234.5	1,501.3	4,697.9	1,254.8	70.0	0.0	0.0
McMinn	8,182.5	12,343.1	84.7	7.0	227.2	251.1	1,460.9	773.0	1,899.4	5,590.1	3,532.8	5,014.2	977.4	707.6
McNairy	7,067.8	20,158.2	31.4	160.4	363.5	2,789.0	1,361.1	5,961.4	3,148.1	7,379.2	2,163.6	3,868.2	0.0	0.0
Macon	23.3	10,456.2	23.3	96.0	0.0	552.7	0.0	5,667.7	0.0	2,596.0	0.0	1,543.8	0.0	0.0

Table 57.—*Wood and bark fresh weight of stems in live trees on timberland by county and basal area class, Tennessee, 1989*—Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Madison	899.0	21,536.9	0.0	0.0	166.2	968.5	629.0	6,287.9	58.5	8,466.4	45.3	5,814.1	0.0	0.0
Marion	3,743.6	29,106.9	0.0	218.3	490.9	3,067.1	761.0	7,374.3	1,734.1	12,505.2	757.7	5,941.9	0.0	0.0
Marshall	1,089.7	7,823.6	76.6	160.6	217.0	1,003.1	240.1	2,397.0	556.0	2,841.2	0.0	1,421.7	0.0	0.0
Maury	150.8	13,270.6	65.1	74.5	62.3	1,466.2	23.3	6,490.1	0.0	5,239.7	0.0	0.0	0.0	0.0
Meigs	4,485.9	8,193.7	0.0	0.0	75.6	61.8	528.5	1,746.7	2,998.2	6,370.2	883.6	15.1	0.0	0.0
Monroe	17,141.7	28,931.2	0.0	0.0	383.2	445.1	2,817.3	3,662.2	7,074.5	10,993.4	6,448.7	9,093.1	418.0	4,737.4
Montgomery	715.0	16,256.2	0.0	222.7	38.2	631.7	676.8	8,815.1	0.0	6,586.6	0.0	0.0	0.0	0.0
Moore	330.2	5,189.2	0.0	0.0	0.0	0.0	176.1	2,182.6	154.1	502.4	0.0	2,504.2	0.0	0.0
Morgan	6,740.8	31,610.7	21.9	27.6	214.3	1.436.5	1,980.3	7,668.7	2,401.1	15,355.1	2,123.2	5,525.0	0.0	1,597.8
Obion	802.4	12,888.3	0.0	0.0	0.0	0.0	195.9	2,168.6	0.0	3,347.2	606.4	5,121.2	0.0	2,251.3
Overton	2,418.2	25,004.4	0.0	0.0	75.6	696.6	225.4	4,225.5	973.7	13,460.7	1,143.4	6,621.6	0.0	0.0
Perry	720.5	25,409.5	0.0	47.4	210.5	3,504.5	119.7	11,061.9	390.3	9,532.0	0.0	1,263.8	0.0	0.0
Pickett	609.0	9,866.0	0.0	55.0	0.0	0.0	68.2	2,301.4	116.8	5,226.2	424.0	2,283.4	0.0	0.0
Polk	15,836.0	14,657.9	116.5	344.0	336.3	1,102.0	2,944.3	3,862.2	2,361.5	4,879.5	6,539.1	2,173.0	3,538.5	2,297.3
Putnam	1,508.5	19,755.3	4.6	42.7	0.0	1,755.2	97.1	4,282.6	793.5	10,183.6	613.3	3,491.2	0.0	0.0
Rhea	3,592.2	14,444.5	0.0	347.9	168.0	936.6	947.0	2,945.4	400.8	6,265.4	2,076.4	2,455.0	0.0	1,494.2
Roane	3,645.6	20,204.2	0.0	158.3	312.7	486.3	791.3	3,648.9	832.1	11,563.5	1,709.6	4,347.2	0.0	0.0
Robertson	35.5	6,751.5	0.0	0.0	0.0	543.1	35.5	3,536.7	0.0	2,671.7	0.0	0.0	0.0	0.0
Rutherford	2,464.7	8,378.4	210.3	195.6	549.1	1,495.5	812.2	2,690.8	893.0	3,119.9	0.0	876.7	0.0	0.0
Scott	7,712.2	39,507.5	0.0	561.6	123.3	1,170.4	1,712.3	6,466.5	3,952.0	22,515.0	963.0	8,349.4	961.6	444.4
Sequatchie	5,509.2	12,557.2	6.5	0.0	104.5	889.4	1,390.7	2,847.7	2,483.1	5,609.0	1,524.4	1,459.6	0.0	1,751.6
Sevier	5,607.2	14,051.6	0.0	0.0	281.9	804.2	950.3	2,267.3	2,206.1	6,423.8	1,678.2	3,849.2	490.7	707.0
Shelby	168.4	20,456.6	0.0	0.0	0.0	0.0	46.0	3,770.1	122.5	7,984.4	0.0	6,530.0	0.0	2,172.2
Smith	479.8	9,758.1	112.2	135.2	0.0	474.3	295.1	3,291.4	72.5	1,794.3	0.0	1,784.5	0.0	2,278.4
Stewart	667.7	25,872.4	24.8	378.1	149.4	2,885.6	0.0	10,934.7	493.4	11,674.0	0.0	0.0	0.0	0.0
Sullivan	3,035.7	15,502.7	92.4	0.0	61.8	840.2	918.9	3,235.9	347.6	7,968.7	1,614.9	3,457.9	0.0	0.0
Sumner	340.5	8,985.8	0.0	263.2	159.6	1,170.3	180.9	5,041.8	0.0	2,510.5	0.0	0.0	0.0	0.0
Tipton	3.1	7,900.9	0.0	0.0	0.0	0.0	3.1	3,800.9	0.0	4,099.9	0.0	0.0	0.0	0.0
Trousdale	372.2	2,640.2	0.0	0.0	0.0	0.0	227.0	1,278.0	145.2	1,362.2	0.0	0.0	0.0	0.0
Unicoi	3,558.2	13,197.6	0.0	0.0	0.0	0.0	143.0	1,155.1	1,989.6	7,091.5	456.5	2,887.7	969.1	2,063.3
Union	2,402.5	11,633.8	0.0	0.0	0.0	547.4	1,007.0	4,393.7	966.7	5,920.5	428.8	772.2	0.0	0.0
Van Buren	3,909.0	13,096.3	2.4	98.0	198.8	1,563.2	408.1	2,009.6	2,249.0	8,291.4	1,050.7	1,134.2	0.0	0.0
Warren	43.4	13,124.7	0.0	86.0	0.0	0.0	43.4	4,371.8	0.0	6,600.0	0.0	2,066.9	0.0	0.0
Washington	1,646.5	8,328.8	0.0	0.0	0.0	0.0	286.0	220.3	245.6	4,588.7	1,114.8	3,519.7	0.0	0.0
Wayne	2,480.5	38,101.9	31.0	344.8	456.1	3,036.5	952.7	17,807.9	1,040.6	16,912.8	0.0	0.0	0.0	0.0
Weakley	1,607.1	12,694.3	0.0	72.1	14.2	1,511.9	164.7	1,781.8	96.7	5,041.1	1,331.5	4,287.4	0.0	0.0
White	2,715.7	17,349.9	0.0	0.0	57.7	1,338.1	36.2	6,310.4	281.3	7,119.5	623.0	91.7	1,717.6	2,490.3
Williamson	1,617.1	17,953.4	0.0	22.0	0.0	333.8	1,006.8	6,277.6	498.9	6,943.4	111.4	3,095.7	0.0	1,280.9
Wilson	2,590.9	5,118.5	47.7	175.5	413.0	579.0	1,105.8	1,880.5	1,024.3	2,483.4	0.0	0.0	0.0	0.0
All counties	250,039.1	1,568,611.9	2,274.7	9,527.0	13,296.6	104,476.0	54,999.4	451,296.0	88,744.6	675,718.1	71,616.6	274,075.3	19,107.2	53,519.5

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 58. – *Wood and bark fresh weight of crowns in live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	752.5	5,607.1	45.4	0.0	0.0	0.0	278.7	1,032.0	243.5	2,437.2	184.9	2,137.9	0.0	0.0
Bedford	216.1	2,680.0	0.0	15.9	0.3	89.0	179.0	767.0	36.8	1,036.7	0.0	771.5	0.0	0.0
Benton	376.7	6,245.9	0.0	0.0	24.6	1,562.8	157.7	1,356.1	194.5	2,540.8	0.0	786.2	0.0	0.0
Bledsoe	1,473.3	4,650.4	4.0	164.9	0.0	107.2	446.5	2,061.4	526.1	1,528.2	250.9	774.8	245.8	13.8
Blount	731.0	2,402.5	0.0	36.5	0.0	37.2	104.9	404.9	403.7	990.2	222.4	933.7	0.0	0.0
Bradley	813.1	2,234.8	42.9	79.2	254.3	55.6	38.5	712.5	0.0	1,228.9	477.4	158.6	0.0	0.0
Campbell	979.5	10,622.0	16.2	110.5	16.8	330.5	397.0	2,349.7	280.1	5,409.0	269.5	2,422.3	0.0	0.0
Cannon	219.5	3,202.4	0.0	135.0	4.3	38.9	58.2	657.6	157.0	1,649.4	0.0	721.4	0.0	0.0
Carroll	287.2	7,819.5	0.0	0.0	5.0	78.1	102.1	1,582.7	119.6	4,706.4	60.5	1,452.3	0.0	0.0
Carter	886.3	7,611.3	0.0	0.0	69.8	71.1	58.6	1,382.0	44.3	2,411.0	713.5	3,747.1	0.0	0.0
Cheatam	91.1	5,150.7	0.0	69.5	0.0	609.9	34.5	1,024.7	45.5	2,204.2	11.1	1,242.5	0.0	0.0
Chester	556.6	3,010.9	0.0	85.7	40.2	215.6	70.8	904.5	216.9	916.8	228.7	888.2	0.0	0.0
Claiborne	189.3	6,996.5	13.0	37.8	67.8	249.9	6.2	2,085.4	102.3	3,563.4	0.0	1,060.1	0.0	0.0
Clay	79.9	2,988.5	1.3	123.3	20.7	554.9	21.9	1,375.7	36.0	934.7	0.0	0.0	0.0	0.0
Cocke	946.5	5,796.2	0.0	0.0	57.6	162.8	226.6	1,788.5	377.2	1,224.1	258.2	2,234.8	26.8	386.1
Coffee	0.0	5,930.4	0.0	14.2	0.0	346.6	0.0	627.2	0.0	4,175.3	0.0	767.1	0.0	0.0
Crockett	0.0	1,220.6	0.0	0.0	0.0	0.0	0.0	360.5	0.0	0.0	0.0	0.0	0.0	860.2
Cumberland	2,527.2	11,715.8	0.0	0.0	158.6	690.7	38.7	2,515.2	984.8	5,956.9	778.1	1,852.4	567.0	700.7
Davidson	137.5	4,744.8	0.0	0.0	0.0	772.7	69.6	1,497.4	67.9	1,189.9	0.0	1,284.8	0.0	0.0
Decatur	309.1	6,025.0	0.0	52.6	0.0	257.9	17.0	2,124.4	76.4	2,595.0	0.0	863.4	215.7	131.8
DeKalb	296.7	5,180.6	0.0	0.0	0.0	0.0	130.4	1,878.6	166.3	2,445.2	0.0	338.6	0.0	518.2
Dickson	40.3	7,890.3	0.0	0.4	0.0	723.8	0.0	2,459.0	40.3	4,047.5	0.0	659.6	0.0	0.0
Dyer	0.0	2,234.6	0.0	0.0	0.0	323.2	0.0	369.7	0.0	1,541.7	0.0	0.0	0.0	0.0
Fayette	488.7	7,810.9	22.2	14.9	0.0	0.0	36.3	2,803.9	15.8	2,082.7	111.1	2,433.1	303.3	476.4
Fentress	2,149.9	8,237.0	0.0	0.0	78.3	573.3	385.1	2,763.9	448.4	2,649.2	1,238.2	2,250.6	0.0	0.0
Franklin	107.6	6,389.9	0.0	29.7	5.9	854.4	34.8	2,774.5	66.9	2,731.3	0.0	0.0	0.0	0.0
Gibson	0.0	1,635.1	0.0	0.0	0.0	693.9	0.0	0.0	0.0	941.3	0.0	0.0	0.0	0.0
Giles	179.1	5,585.2	6.3	68.2	12.1	659.2	10.8	2,559.2	150.0	1,421.8	0.0	876.8	0.0	0.0
Grainger	313.7	4,444.1	0.0	0.0	0.0	23.1	169.3	910.6	110.0	1,867.0	34.4	1,047.4	0.0	595.9
Greene	689.0	7,363.9	3.0	29.3	71.0	593.0	11.6	1,303.6	329.9	2,934.1	247.4	2,145.8	26.2	358.1
Grundy	566.6	6,289.8	9.2	36.0	17.9	447.0	81.9	2,157.8	187.5	2,059.8	270.1	1,589.2	0.0	0.0
Hamblen	306.4	1,727.8	0.0	0.0	0.0	0.0	243.2	465.0	63.2	405.8	0.0	857.0	0.0	0.0
Hamilton	1,338.8	6,664.0	0.0	12.8	4.6	504.9	513.7	2,858.0	362.8	1,855.1	457.6	1,433.1	0.0	0.0
Hancock	78.2	2,601.7	0.0	3.6	14.3	744.1	60.0	632.7	3.8	667.5	0.0	553.8	0.0	0.0
Hardeman	938.7	9,540.6	0.0	24.1	77.1	711.3	146.2	2,801.5	544.3	3,810.7	171.1	2,193.0	0.0	0.0
Hardin	1,217.0	7,520.5	57.4	19.7	249.2	847.3	268.3	2,217.1	386.1	4,060.9	256.0	375.5	0.0	0.0
Hawkins	535.5	6,077.3	0.0	0.0	117.2	499.5	250.1	3,078.5	168.2	2,035.6	0.0	463.8	0.0	0.0
Haywood	0.8	4,898.8	0.0	80.5	0.0	0.0	0.8	982.2	0.0	1,934.7	0.0	1,901.5	0.0	0.0
Henderson	852.7	6,950.1	0.0	40.8	15.4	129.6	160.0	2,286.6	439.2	2,117.2	0.0	1,188.2	238.1	1,187.7
Henry	67.7	7,839.2	0.0	0.0	38.4	788.0	0.0	1,774.8	27.9	3,638.9	0.0	1,214.9	1.4	422.6
Hickman	286.0	12,963.7	0.0	0.0	10.1	1,409.3	26.0	4,561.1	250.0	5,561.7	0.0	1,431.5	0.0	0.0
Houston	13.6	4,225.1	7.9	29.6	0.0	291.4	0.0	1,021.7	5.7	2,882.5	0.0	0.0	0.0	0.0
Humphreys	84.9	9,727.4	0.0	6.4	33.5	986.5	4.2	3,968.0	47.2	4,766.5	0.0	0.0	0.0	0.0
Jackson	210.2	5,802.8	2.3	87.7	38.7	399.0	77.3	1,077.8	44.6	1,664.5	47.3	1,833.3	0.0	740.6
Jefferson	268.3	2,701.2	0.0	3.0	42.4	124.3	14.1	277.6	211.8	1,718.9	0.0	0.0	0.0	577.3
Johnson	894.5	5,537.5	0.0	0.0	12.6	134.4	164.2	1,455.4	557.2	2,088.3	128.8	1,378.9	31.7	480.5
Knox	746.2	5,172.1	0.0	0.0	52.6	272.5	334.6	1,108.2	359.0	2,479.2	0.0	1,312.1	0.0	0.0
Lake	378.6	899.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	378.6	899.4
Lauderdale	195.9	4,607.1	0.0	62.7	0.0	316.0	0.0	968.2	60.8	2,983.2	0.0	0.0	135.1	277.0
Lawrence	0.0	7,232.2	0.0	144.7	0.0	781.0	0.0	3,885.8	0.0	2,420.6	0.0	0.0	0.0	0.0
Lewis	33.7	5,596.9	16.0	6.7	0.0	591.5	0.0	1,858.6	17.7	2,745.4	0.0	394.8	0.0	0.0
Lincoln	274.5	4,277.5	0.1	58.0	61.0	393.7	166.8	1,715.4	46.6	1,313.8	0.0	796.6	0.0	0.0
Loudon	663.1	2,301.3	3.2	39.1	22.2	60.9	100.7	396.8	320.7	1,786.7	216.2	17.7	0.0	0.0

Table 58.—*Wood and bark fresh weight of crowns in live trees on timberland by county and basal area class, Tennessee, 1989*—Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
McMinn	1,746.5	3,949.7	11.7	3.0	81.7	67.7	308.0	294.8	431.9	1,841.2	701.1	1,552.5	212.0	190.5
McNairy	1,307.1	6,334.3	3.9	57.9	112.8	847.3	271.7	1,687.1	583.2	2,480.3	335.5	1,261.8	0.0	0.0
Macon	5.0	3,040.3	5.0	29.4	0.0	115.1	0.0	1,671.6	0.0	745.8	0.0	478.3	0.0	0.0
Madison	168.0	7,447.3	0.0	0.0	27.4	273.8	128.5	2,203.0	7.5	2,947.4	4.7	2,023.1	0.0	0.0
Marion	766.7	9,005.3	0.0	67.5	138.1	884.7	164.3	2,209.7	325.7	4,046.0	138.7	1,797.4	0.0	0.0
Marshall	204.0	2,619.0	23.9	43.7	32.4	344.7	48.1	812.0	99.7	957.0	0.0	461.5	0.0	0.0
Maury	29.5	4,269.2	9.9	56.0	8.2	497.5	11.3	2,157.2	0.0	1,558.4	0.0	0.0	0.0	0.0
Meigs	842.4	2,580.8	0.0	0.0	8.3	14.8	89.4	639.6	530.1	1,923.2	214.6	3.2	0.0	0.0
Monroe	3,876.7	9,204.5	0.0	0.0	133.7	130.8	555.2	1,171.9	1,719.6	3,302.4	1,355.3	3,097.8	112.9	1,501.7
Montgomery	133.1	5,476.0	0.0	151.5	6.4	181.7	126.7	2,821.4	0.0	2,321.4	0.0	0.0	0.0	0.0
Moore	61.3	1,833.2	0.0	0.0	0.0	0.0	30.5	716.8	30.7	156.1	0.0	960.4	0.0	0.0
Morgan	1,579.7	10,252.0	3.6	4.5	64.9	528.3	432.5	2,483.2	578.3	5,056.5	500.5	1,807.3	0.0	372.3
Obion	110.2	4,590.9	0.0	0.0	0.0	0.0	24.2	923.2	0.0	1,188.4	86.0	1,692.4	0.0	786.9
Overton	560.4	7,170.5	0.0	0.0	16.0	217.4	47.0	1,314.3	220.2	3,972.8	277.1	1,666.0	0.0	0.0
Perry	159.6	7,802.4	0.0	40.1	38.6	1,208.9	27.8	3,365.9	93.2	2,861.2	0.0	326.2	0.0	0.0
Pickett	160.2	3,176.3	0.0	39.1	0.0	0.0	8.9	696.6	21.0	1,675.6	130.3	765.0	0.0	0.0
Polk	3,787.4	4,502.0	29.9	124.1	76.1	322.3	692.7	1,175.6	621.4	1,515.0	1,574.2	662.8	793.1	702.2
Putnam	317.0	6,360.7	0.6	22.1	0.0	603.5	22.4	1,298.7	165.4	3,329.1	128.7	1,107.3	0.0	0.0
Rhea	921.2	4,608.9	0.0	120.3	58.8	293.5	233.7	984.4	91.9	1,933.6	536.9	834.3	0.0	442.8
Roane	621.2	6,349.8	0.0	52.7	58.8	164.1	126.8	1,225.2	153.2	3,709.2	282.4	1,198.5	0.0	0.0
Robertson	4.7	2,253.8	0.0	0.0	0.0	128.8	4.7	1,090.7	0.0	1,034.2	0.0	0.0	0.0	0.0
Rutherford	542.5	2,821.8	30.9	77.1	123.1	496.5	143.1	942.2	245.3	999.4	0.0	306.7	0.0	0.0
Scott	1,842.0	12,938.7	0.0	162.8	16.6	402.0	349.2	1,954.7	833.2	7,510.8	224.1	2,753.1	418.8	155.1
Sequatchie	1,248.2	3,850.1	0.7	0.0	17.9	256.0	311.4	847.3	600.9	1,662.5	317.4	450.9	0.0	633.4
Sevier	1,156.7	4,234.1	0.0	0.0	66.3	212.4	182.8	693.2	443.8	1,955.1	362.3	1,181.4	101.5	191.9
Shelby	27.0	6,214.7	0.0	0.0	0.0	0.0	10.7	1,175.0	16.3	2,537.6	0.0	1,880.7	0.0	621.3
Smith	130.6	3,328.7	18.5	61.5	0.0	163.2	103.8	1,075.9	8.4	591.8	0.0	688.2	0.0	748.1
Stewart	130.2	8,767.0	14.8	97.9	22.2	950.6	0.0	3,841.7	93.2	3,876.8	0.0	0.0	0.0	0.0
Sullivan	771.8	4,761.4	12.6	0.0	13.0	233.5	224.0	1,108.6	68.3	2,457.2	453.9	962.1	0.0	0.0
Sumner	70.3	2,870.9	0.0	85.8	26.5	381.8	43.9	1,804.0	0.0	599.3	0.0	0.0	0.0	0.0
Tipton	0.4	2,837.9	0.0	0.0	0.0	0.0	0.4	1,748.6	0.0	1,089.3	0.0	0.0	0.0	0.0
Trousdale	96.4	787.3	0.0	0.0	0.0	0.0	56.1	416.0	40.3	371.3	0.0	0.0	0.0	0.0
Unicoi	1,139.4	4,041.3	0.0	0.0	0.0	0.0	45.2	325.0	583.9	2,160.4	206.6	876.9	303.6	679.1
Union	481.5	3,543.2	0.0	0.0	0.0	162.0	205.3	1,319.7	196.6	1,844.4	79.5	217.1	0.0	0.0
Van Buren	917.3	4,263.7	0.3	32.9	23.0	460.6	113.7	646.9	549.5	2,675.0	230.8	448.4	0.0	0.0
Warren	13.2	4,451.5	0.0	33.6	0.0	0.0	13.2	1,532.1	0.0	2,259.0	0.0	626.8	0.0	0.0
Washington	391.7	2,727.5	0.0	0.0	0.0	0.0	61.7	56.5	55.2	1,393.9	274.8	1,277.1	0.0	0.0
Wayne	552.0	12,241.1	17.4	93.3	118.3	1,067.3	262.1	5,818.6	154.2	5,261.8	0.0	0.0	0.0	0.0
Weakley	276.4	4,659.6	0.0	18.9	10.8	504.7	15.3	801.7	15.5	1,724.1	234.7	1,610.2	0.0	0.0
White	673.9	5,623.9	0.0	0.0	14.5	384.7	4.5	2,208.6	77.7	2,271.4	177.8	11.7	399.4	747.4
Williamson	286.0	6,435.0	0.0	2.1	0.0	108.2	185.6	2,271.9	73.1	2,698.9	27.3	1,018.8	0.0	335.0
Wilson	422.8	1,810.9	11.8	67.4	77.3	198.0	169.7	670.7	164.1	874.7	0.0	0.0	0.0	0.0
All counties	54,321.9	510,618.2	445.9	3,268.2	3,085.9	33,914.0	11,553.3	148,183.3	19,237.1	219,726.8	15,488.6	88,792.0	4,511.1	16,733.9

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 59.—*Wood and bark dry weight of live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	1,910.5	12,841.4	80.1	0.0	0.0	0.0	855.4	2,467.4	574.0	5,446.0	401.0	4,927.9	0.0	0.0
Bedford	514.3	6,327.8	0.0	27.4	1.5	243.6	457.4	1,915.1	55.3	2,094.9	0.0	2,046.8	0.0	0.0
Benton	929.9	14,365.4	0.0	0.0	86.3	3,511.1	392.1	3,074.4	451.4	5,905.7	0.0	1,874.2	0.0	0.0
Bledsoe	3,754.0	11,011.9	17.0	376.3	0.0	276.5	1,078.0	4,696.9	1,378.0	3,698.2	678.8	1,911.7	602.2	52.2
Blount	2,015.2	5,628.9	0.0	97.9	0.0	88.6	282.3	890.1	1,199.7	2,317.5	533.1	2,234.9	0.0	0.0
Bradley	2,591.2	5,013.3	202.5	129.3	759.1	192.7	137.4	1,487.9	0.0	2,855.4	1,492.2	348.1	0.0	0.0
Campbell	2,779.4	25,199.9	39.5	268.0	46.9	845.1	1,208.6	5,737.7	697.4	12,775.7	786.9	5,573.5	0.0	0.0
Cannon	560.0	7,813.8	0.0	204.2	22.0	114.0	131.6	1,634.2	406.4	4,071.8	0.0	1,789.6	0.0	0.0
Carroll	951.3	17,794.2	0.0	0.0	18.5	169.1	378.8	3,792.7	376.1	10,445.2	177.9	3,387.2	0.0	0.0
Carter	2,117.4	18,787.6	0.0	0.0	176.2	186.8	108.2	3,193.8	102.7	5,941.9	1,730.4	9,465.2	0.0	0.0
Cheatam	277.0	12,638.7	0.0	175.3	0.0	1,522.1	117.8	2,314.5	128.1	5,428.5	31.1	3,198.4	0.0	0.0
Chester	1,730.3	6,915.6	0.0	212.1	83.5	405.6	230.8	2,130.0	630.1	2,115.1	785.9	2,052.8	0.0	0.0
Claiborne	579.3	16,646.1	34.5	84.9	135.7	570.9	26.0	4,908.7	383.1	8,719.4	0.0	2,362.2	0.0	0.0
Clay	299.1	7,072.2	6.3	275.3	66.7	1,238.9	57.4	3,173.9	168.7	2,384.0	0.0	0.0	0.0	0.0
Cocke	2,448.0	14,373.8	0.0	0.0	65.9	404.7	554.5	4,435.5	1,076.7	3,065.0	696.5	5,506.1	54.3	962.5
Coffee	0.0	12,794.4	0.0	22.4	0.0	653.3	0.0	1,433.3	0.0	9,053.2	0.0	1,632.1	0.0	0.0
Crockett	0.0	2,561.2	0.0	0.0	0.0	0.0	0.0	756.3	0.0	0.0	0.0	0.0	0.0	1,804.9
Cumberland	6,425.0	26,820.7	0.0	0.0	383.9	1,515.6	141.3	5,604.1	2,473.3	13,671.0	2,031.3	4,409.7	1,395.2	1,620.4
Davidson	491.0	10,501.9	0.0	0.0	0.0	1,456.8	244.5	3,558.4	246.5	2,841.1	0.0	2,645.7	0.0	0.0
Decatur	1,084.4	14,183.3	0.0	131.7	0.0	614.2	58.8	5,051.6	271.9	6,052.6	0.0	1,936.6	753.6	396.4
DeKalb	863.9	12,409.7	0.0	0.0	0.0	0.0	314.7	4,752.8	549.2	5,509.2	0.0	911.3	0.0	1,236.5
Dickson	132.7	18,127.9	0.0	1.2	0.0	1,840.5	0.0	5,402.2	132.7	9,681.7	0.0	1,202.3	0.0	0.0
Dyer	0.0	4,489.2	0.0	0.0	0.0	660.0	0.0	845.3	0.0	2,984.0	0.0	0.0	0.0	0.0
Fayette	1,477.1	16,522.1	121.1	22.5	0.0	0.0	106.3	5,932.9	64.9	4,379.2	338.8	5,380.6	846.1	806.8
Fentress	5,904.9	19,276.7	0.0	0.0	245.6	1,461.5	1,030.1	6,383.5	1,283.8	6,417.0	3,345.3	5,014.7	0.0	0.0
Franklin	305.3	14,976.9	0.0	35.1	30.4	1,947.6	124.5	6,628.9	150.4	6,365.4	0.0	0.0	0.0	0.0
Gibson	0.0	3,860.2	0.0	0.0	0.0	1,623.3	0.0	0.0	0.0	2,237.0	0.0	0.0	0.0	0.0
Giles	259.3	12,731.1	8.3	178.3	28.6	1,522.3	47.3	5,793.7	175.0	3,152.9	0.0	2,084.0	0.0	0.0
Grainger	904.1	11,094.1	0.0	0.0	0.0	130.7	459.2	2,302.8	343.3	4,651.8	101.6	2,468.4	0.0	1,540.5
Greene	2,127.7	16,965.1	14.9	68.2	234.7	1,384.3	44.5	2,867.6	998.0	6,808.3	768.9	4,991.4	66.7	845.2
Grundy	1,449.8	13,877.7	18.0	97.9	49.0	1,029.3	197.6	5,265.7	480.1	4,334.4	705.2	3,150.5	0.0	0.0
Hamblen	877.4	3,896.1	0.0	0.0	0.0	0.0	692.9	1,031.1	184.4	793.4	0.0	2,071.5	0.0	0.0
Hamilton	4,322.4	15,843.2	0.0	31.5	19.6	1,180.4	1,572.5	6,803.3	1,144.0	4,382.7	1,586.4	3,445.3	0.0	0.0
Hancock	215.5	6,213.7	0.0	13.6	43.3	1,944.6	157.4	1,612.2	14.8	1,551.2	0.0	1,092.0	0.0	0.0
Hardeman	3,101.2	20,962.7	0.0	105.0	201.5	1,334.4	442.7	6,398.0	1,938.4	8,700.0	518.6	4,425.2	0.0	0.0
Hardin	3,401.7	16,073.8	113.3	35.9	535.6	1,941.8	795.6	4,779.6	1,135.0	8,386.2	822.1	930.2	0.0	0.0
Hawkins	1,688.1	15,320.5	0.0	0.0	356.5	1,266.3	813.9	7,528.5	517.7	5,395.5	0.0	1,130.2	0.0	0.0
Haywood	3.7	9,525.6	0.0	142.1	0.0	0.0	3.7	2,115.3	0.0	3,676.2	0.0	3,591.9	0.0	0.0
Henderson	2,432.2	14,586.3	0.0	51.2	54.7	325.7	480.1	4,981.1	1,385.7	4,300.0	0.0	2,350.6	511.7	2,577.7
Henry	189.2	17,571.3	0.0	0.0	122.9	1,743.0	0.0	3,821.6	59.1	8,469.7	0.0	2,486.3	7.3	1,050.7
Hickman	813.7	30,821.2	0.0	0.0	22.3	3,356.8	80.5	10,755.2	710.8	13,035.8	0.0	3,673.4	0.0	0.0
Houston	67.9	9,878.4	41.7	75.5	0.0	657.8	0.0	2,410.1	26.1	6,735.0	0.0	0.0	0.0	0.0
Humphreys	212.8	22,207.3	0.0	14.5	66.3	2,089.6	18.4	9,213.3	128.1	10,890.0	0.0	0.0	0.0	0.0
Jackson	603.6	13,459.5	11.4	191.7	113.8	954.2	238.3	2,675.9	110.8	3,813.3	129.2	4,352.7	0.0	1,471.7
Jefferson	691.8	6,414.5	0.0	8.1	110.6	344.6	12.9	661.4	568.2	4,023.2	0.0	0.0	0.0	1,377.1
Johnson	1,564.1	13,942.4	0.0	0.0	20.9	300.6	341.2	3,890.3	901.0	5,260.7	199.3	3,220.8	101.7	1,269.9
Knox	2,214.3	11,843.7	0.0	0.0	173.0	614.5	1,012.2	2,311.2	1,029.2	5,755.2	0.0	3,162.8	0.0	0.0
Lake	1,274.4	2,216.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,274.4	2,216.3
Lauderdale	845.7	9,689.7	0.0	148.9	0.0	605.5	0.0	1,817.9	227.6	6,388.0	0.0	0.0	618.1	729.4
Lawrence	0.0	16,809.5	0.0	357.2	0.0	1,813.2	0.0	8,922.9	0.0	5,716.3	0.0	0.0	0.0	0.0
Lewis	135.6	13,254.3	80.9	10.3	0.0	1,430.4	0.0	4,336.5	54.6	6,450.2	0.0	1,026.8	0.0	0.0
Lincoln	762.1	10,198.0	0.6	165.3	185.9	909.1	416.5	3,976.7	159.0	3,262.7	0.0	1,884.3	0.0	0.0
Loudon	2,051.5	4,874.2	9.4	87.9	67.6	166.6	357.8	949.9	885.7	3,620.4	731.0	49.4	0.0	0.0

Table 59.—*Wood and bark dry weight of live trees on timberland by county and basal area class, Tennessee, 1989* — Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
McMinn	4,838.9	9,151.7	48.4	4.8	156.1	166.2	869.9	632.1	1,140.9	4,188.1	2,033.9	3,708.6	589.7	451.9
McNairy	4,120.2	14,766.3	17.1	109.0	242.4	2,065.5	807.9	4,293.6	1,837.4	5,359.6	1,215.4	2,938.6	0.0	0.0
Macon	14.0	7,591.1	14.0	72.1	0.0	354.4	0.0	4,128.0	0.0	1,860.9	0.0	1,175.7	0.0	0.0
Madison	534.5	15,637.5	0.0	0.0	98.2	625.9	376.3	4,456.6	32.1	6,305.0	27.9	4,250.0	0.0	0.0
Marion	2,204.1	22,228.8	0.0	140.5	318.8	2,265.7	449.7	5,607.2	992.7	9,769.8	442.9	4,445.6	0.0	0.0
Marshall	647.1	6,158.7	51.5	115.4	126.1	813.2	145.5	1,890.4	324.0	2,224.1	0.0	1,115.5	0.0	0.0
Maury	92.2	10,357.8	37.9	74.2	36.4	1,134.5	18.0	5,117.9	0.0	4,031.2	0.0	0.0	0.0	0.0
Meigs	2,621.5	5,911.2	0.0	0.0	43.7	47.6	300.8	1,342.8	1,723.5	4,510.4	553.5	10.3	0.0	0.0
Monroe	10,118.2	21,594.4	0.0	0.0	233.9	328.4	1,631.5	2,820.8	4,194.0	7,962.7	3,800.5	7,014.9	258.4	3,467.6
Montgomery	423.9	12,310.4	0.0	173.0	22.0	447.8	401.9	6,655.3	0.0	5,034.2	0.0	0.0	0.0	0.0
Moore	194.5	4,158.3	0.0	0.0	0.0	0.0	102.1	1,718.8	92.4	394.9	0.0	2,044.6	0.0	0.0
Morgan	3,980.3	23,905.0	13.0	17.1	139.2	1,125.3	1,146.0	5,879.3	1,418.6	11,760.5	1,263.6	4,084.7	0.0	1,038.1
Obion	510.5	9,957.0	0.0	0.0	0.0	0.0	123.2	1,714.1	0.0	2,610.7	387.4	3,909.0	0.0	1,723.2
Overton	1,513.7	18,133.2	0.0	0.0	46.9	542.7	134.7	3,158.5	601.7	9,842.7	730.4	4,589.3	0.0	0.0
Perry	439.0	19,454.3	0.0	47.1	125.9	2,746.5	72.5	8,474.6	240.7	7,319.8	0.0	866.4	0.0	0.0
Pickett	370.4	7,441.2	0.0	56.7	0.0	0.0	39.9	1,700.6	66.8	3,937.5	263.7	1,746.4	0.0	0.0
Polk	9,390.4	10,777.8	72.8	253.0	204.0	829.2	1,745.3	2,831.6	1,416.6	3,637.2	3,876.5	1,542.8	2,075.2	1,684.1
Putnam	908.7	14,846.1	2.8	37.8	0.0	1,344.5	58.4	3,067.1	478.2	7,773.0	369.3	2,623.6	0.0	0.0
Rhea	2,169.7	10,919.2	0.0	259.8	106.5	657.5	571.4	2,301.3	252.0	4,764.0	1,239.8	1,915.3	0.0	1,021.3
Roane	2,101.0	14,921.3	0.0	123.0	180.1	375.8	453.4	2,747.8	483.9	8,575.4	983.5	3,099.2	0.0	0.0
Robertson	19.6	5,135.8	0.0	0.0	0.0	350.8	19.6	2,605.7	0.0	2,179.3	0.0	0.0	0.0	0.0
Rutherford	1,511.7	6,658.4	123.0	157.0	338.4	1,168.4	483.0	2,161.8	567.3	2,515.6	0.0	655.7	0.0	0.0
Scott	4,527.8	30,332.5	0.0	406.2	67.4	918.3	995.6	4,835.6	2,303.6	17,507.8	569.6	6,318.4	591.6	346.4
Sequatchie	3,315.5	9,388.6	3.8	0.0	61.6	645.9	839.3	2,145.4	1,519.7	4,126.5	891.1	1,067.7	0.0	1,403.2
Sevier	3,289.0	10,630.5	0.0	0.0	174.2	571.1	548.1	1,722.8	1,290.8	4,877.2	992.1	2,939.9	283.7	519.5
Shelby	102.7	14,288.2	0.0	0.0	0.0	0.0	28.0	2,606.7	74.7	5,881.1	0.0	4,316.0	0.0	1,484.4
Smith	307.3	7,730.4	68.0	114.2	0.0	395.0	198.5	2,573.2	40.7	1,454.8	0.0	1,481.1	0.0	1,712.0
Stewart	395.5	19,705.7	20.0	266.0	87.9	2,126.2	0.0	8,587.7	287.6	8,725.9	0.0	0.0	0.0	0.0
Sullivan	1,826.4	11,764.9	48.2	0.0	36.3	603.4	578.1	2,549.4	203.0	6,095.4	960.9	2,516.7	0.0	0.0
Sumner	202.1	6,742.1	0.0	196.0	91.3	893.9	110.8	4,026.5	0.0	1,625.7	0.0	0.0	0.0	0.0
Tipton	1.9	5,669.1	0.0	0.0	0.0	0.0	1.9	2,922.0	0.0	2,747.2	0.0	0.0	0.0	0.0
Trousdale	231.8	2,005.6	0.0	0.0	0.0	0.0	140.8	1,007.7	91.0	997.9	0.0	0.0	0.0	0.0
Unicoi	2,128.0	9,802.7	0.0	0.0	0.0	0.0	89.3	866.8	1,153.9	5,201.1	294.1	2,149.3	590.7	1,585.5
Union	1,427.1	8,395.8	0.0	0.0	0.0	404.3	600.6	3,093.3	577.3	4,348.5	249.2	549.7	0.0	0.0
Van Buren	2,323.9	9,785.2	1.4	67.5	114.8	1,166.9	256.8	1,473.5	1,335.1	6,166.9	615.8	910.5	0.0	0.0
Warren	28.0	10,078.3	0.0	74.7	0.0	0.0	28.0	3,366.2	0.0	5,069.8	0.0	1,567.5	0.0	0.0
Washington	958.4	6,326.7	0.0	0.0	0.0	0.0	165.5	147.2	146.7	3,489.8	646.2	2,689.7	0.0	0.0
Wayne	1,504.7	29,317.9	24.6	264.9	293.4	2,322.9	600.6	13,744.5	586.1	12,985.6	0.0	0.0	0.0	0.0
Weakley	955.7	9,927.5	0.0	45.5	12.6	1,146.9	100.7	1,578.9	58.9	3,991.7	783.5	3,164.6	0.0	0.0
White	1,701.8	13,091.4	0.0	0.0	36.3	956.1	19.6	4,950.9	181.2	5,272.7	405.0	49.8	1,059.8	1,861.9
Williamson	943.2	14,030.7	0.0	11.0	0.0	255.1	592.6	5,056.9	281.3	5,508.6	69.3	2,331.8	0.0	867.3
Wilson	1,511.9	4,120.2	30.8	152.3	248.2	468.4	641.3	1,479.7	591.6	2,019.8	0.0	0.0	0.0	0.0
All counties	148,757.6	1,184,374.5	1,377.0	7,085.4	8,171.4	78,852.3	32,709.0	343,464.5	52,563.4	510,659.4	42,256.4	205,187.8	11,680.4	39,125.0

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 60. – *Wood and bark dry weight of stems in live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	1,554.0	9,759.6	59.8	0.0	0.0	0.0	730.4	1,921.7	457.2	4,071.5	306.5	3,766.3	0.0	0.0
Bedford	419.4	4,733.3	0.0	18.1	1.4	207.5	379.1	1,476.6	38.9	1,453.9	0.0	1,577.2	0.0	0.0
Benton	762.9	10,954.4	0.0	0.0	76.7	2,653.3	323.1	2,307.5	363.0	4,513.0	0.0	1,480.7	0.0	0.0
Bledsoe	3,096.7	8,510.7	15.2	292.3	0.0	215.9	880.1	3,588.5	1,135.5	2,884.2	572.4	1,481.7	493.6	48.1
Blount	1,719.5	4,328.7	0.0	75.1	0.0	69.1	235.1	695.8	1,030.9	1,757.3	453.5	1,731.5	0.0	0.0
Bradley	2,225.5	3,761.0	188.8	96.2	642.0	165.9	118.5	1,106.1	0.0	2,124.9	1,276.2	268.0	0.0	0.0
Campbell	2,341.9	19,197.2	32.9	212.3	39.4	672.1	1,031.1	4,358.9	568.6	9,767.8	669.9	4,186.1	0.0	0.0
Cannon	463.1	6,045.9	0.0	127.9	20.6	97.3	106.3	1,284.4	336.2	3,143.4	0.0	1,392.9	0.0	0.0
Carroll	817.8	13,578.5	0.0	0.0	16.0	130.1	331.3	2,930.5	321.7	7,889.5	148.9	2,628.4	0.0	0.0
Carter	1,740.9	14,491.8	0.0	0.0	149.1	153.5	78.6	2,404.7	80.4	4,561.2	1,432.8	7,372.4	0.0	0.0
Cheatam	236.4	9,739.1	0.0	137.0	0.0	1,183.0	102.1	1,737.4	108.3	4,188.4	26.1	2,493.2	0.0	0.0
Chester	1,479.5	5,340.8	0.0	167.4	65.2	298.2	199.9	1,648.7	531.4	1,638.9	682.9	1,587.5	0.0	0.0
Claiborne	494.9	12,747.3	28.6	68.0	105.6	447.0	23.3	3,746.2	337.4	6,724.4	0.0	1,761.6	0.0	0.0
Clay	266.7	5,385.9	5.9	209.3	57.1	903.1	48.4	2,391.3	155.3	1,882.3	0.0	0.0	0.0	0.0
Cocke	2,061.4	11,146.5	0.0	0.0	49.5	315.6	456.7	3,436.7	919.1	2,403.2	595.9	4,250.5	40.2	740.6
Coffee	0.0	9,512.1	0.0	15.9	0.0	471.7	0.0	1,083.5	0.0	6,741.1	0.0	1,199.8	0.0	0.0
Crockett	0.0	1,905.7	0.0	0.0	0.0	0.0	0.0	563.2	0.0	0.0	0.0	0.0	0.0	1,342.4
Cumberland	5,424.1	20,442.3	0.0	0.0	331.2	1,122.9	124.2	4,212.3	2,085.0	10,412.4	1,694.6	3,438.0	1,189.1	1,256.7
Davidson	436.4	7,702.0	0.0	0.0	0.0	1,010.6	216.6	2,705.7	219.8	2,105.9	0.0	1,879.8	0.0	0.0
Decatur	939.3	10,838.2	0.0	106.5	0.0	485.0	51.1	3,846.5	238.2	4,625.9	0.0	1,443.7	649.9	330.7
DeKalb	736.5	9,428.2	0.0	0.0	0.0	0.0	257.9	3,683.0	478.6	4,086.3	0.0	725.1	0.0	933.8
Dickson	116.7	13,672.8	0.0	1.1	0.0	1,450.3	0.0	3,986.7	116.7	7,431.1	0.0	803.6	0.0	0.0
Dyer	0.0	3,269.5	0.0	0.0	0.0	493.2	0.0	631.8	0.0	2,144.6	0.0	0.0	0.0	0.0
Fayette	1,262.1	12,223.3	113.8	17.8	0.0	0.0	89.0	4,389.8	57.8	3,175.0	292.5	4,064.9	708.9	575.8
Fentress	4,976.8	14,758.1	0.0	0.0	214.0	1,164.9	858.5	4,817.5	1,097.4	4,963.1	2,806.8	3,812.6	0.0	0.0
Franklin	259.7	11,316.5	0.0	24.7	28.6	1,461.3	110.1	5,035.0	121.0	4,795.5	0.0	0.0	0.0	0.0
Gibson	0.0	2,865.4	0.0	0.0	0.0	1,185.8	0.0	0.0	0.0	1,679.5	0.0	0.0	0.0	0.0
Giles	216.2	9,509.8	5.5	146.1	23.6	1,156.8	42.6	4,288.3	144.5	2,306.7	0.0	1,611.8	0.0	0.0
Grainger	771.3	8,624.7	0.0	0.0	0.0	119.0	389.7	1,806.0	295.1	3,582.7	86.6	1,904.0	0.0	1,212.9
Greene	1,840.9	12,765.0	14.0	50.7	206.0	1,049.3	39.7	2,127.5	857.1	5,117.0	669.2	3,775.4	54.9	645.1
Grundy	1,203.9	10,437.8	14.2	84.4	41.0	793.7	159.6	4,086.2	393.2	3,265.1	596.0	2,208.5	0.0	0.0
Hamblen	746.0	2,869.4	0.0	0.0	0.0	0.0	588.8	743.6	157.2	557.2	0.0	1,568.7	0.0	0.0
Hamilton	3,728.2	12,117.8	0.0	25.1	17.5	877.5	1,347.7	5,182.9	986.6	3,360.1	1,376.5	2,672.3	0.0	0.0
Hancock	180.7	4,770.1	0.0	12.5	36.3	1,566.6	131.5	1,255.5	13.0	1,168.4	0.0	767.1	0.0	0.0
Hardeman	2,682.7	15,753.6	0.0	96.6	169.0	980.6	377.8	4,908.7	1,698.3	6,502.4	437.6	3,265.2	0.0	0.0
Hardin	2,855.3	11,900.1	87.5	24.3	424.5	1,454.9	676.4	3,622.4	963.2	6,099.6	703.6	698.9	0.0	0.0
Hawkins	1,466.8	11,888.6	0.0	0.0	310.1	967.9	712.4	5,791.4	444.3	4,244.8	0.0	884.6	0.0	0.0
Haywood	3.5	6,775.7	0.0	96.8	0.0	0.0	3.5	1,588.4	0.0	2,610.5	0.0	2,480.0	0.0	0.0
Henderson	2,038.5	10,893.2	0.0	32.8	48.2	264.3	408.2	3,779.7	1,177.5	3,200.3	0.0	1,668.4	404.5	1,947.6
Henry	158.7	13,233.5	0.0	0.0	104.5	1,302.7	0.0	2,845.3	47.3	6,439.6	0.0	1,795.9	6.8	850.0
Hickman	684.9	23,545.5	0.0	0.0	17.6	2,583.9	68.1	8,197.2	599.3	9,879.0	0.0	2,885.5	0.0	0.0
Houston	63.0	7,448.2	39.2	59.1	0.0	495.9	0.0	1,834.8	23.7	5,058.3	0.0	0.0	0.0	0.0
Humphreys	174.2	16,719.5	0.0	13.3	51.4	1,559.8	16.5	6,962.5	106.3	8,184.0	0.0	0.0	0.0	0.0
Jackson	512.1	10,147.9	10.7	148.6	97.2	777.6	205.1	2,082.0	91.1	2,789.0	108.0	3,315.4	0.0	1,035.2
Jefferson	573.1	4,811.0	0.0	7.5	92.9	268.0	6.5	495.9	473.7	2,997.8	0.0	0.0	0.0	1,041.8
Johnson	1,289.8	10,901.2	0.0	0.0	14.2	239.3	283.9	3,147.4	736.9	4,088.8	164.4	2,424.7	90.5	1,001.0
Knox	1,898.1	8,934.8	0.0	0.0	150.9	477.7	868.5	1,698.1	878.8	4,324.3	0.0	2,434.6	0.0	0.0
Lake	1,062.5	1,567.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,062.5	1,567.6
Lauderdale	736.1	7,093.1	0.0	117.0	0.0	414.3	0.0	1,287.8	193.6	4,736.7	0.0	0.0	542.5	537.3
Lawrence	0.0	12,827.6	0.0	286.3	0.0	1,381.1	0.0	6,775.0	0.0	4,385.3	0.0	0.0	0.0	0.0
Lewis	122.9	10,113.6	76.1	6.8	0.0	1,130.7	0.0	3,292.3	46.8	4,877.8	0.0	806.0	0.0	0.0
Lincoln	646.0	7,718.3	0.6	123.2	161.2	718.5	344.1	3,012.4	140.1	2,473.2	0.0	1,391.0	0.0	0.0
Loudon	1,754.7	3,601.4	7.9	66.5	58.0	141.3	315.6	740.5	745.5	2,607.8	627.7	45.4	0.0	0.0

Table 60. — *Wood and bark dry weight of stems in live trees on timberland by county and basal area class, Tennessee, 1989* — Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
McMinn	4,100.6	7,057.3	45.5	4.4	119.8	131.0	742.5	466.0	953.7	3,186.9	1,746.8	2,903.0	492.4	365.9
McNairy	3,540.9	11,383.0	15.4	84.6	193.1	1,590.9	684.1	3,418.1	1,582.1	4,070.4	1,066.2	2,219.0	0.0	0.0
Macon	11.8	5,890.1	11.8	61.1	0.0	295.0	0.0	3,195.4	0.0	1,456.6	0.0	881.9	0.0	0.0
Madison	461.4	11,542.4	0.0	0.0	87.4	481.8	319.6	3,307.3	28.7	4,643.5	25.6	3,109.8	0.0	0.0
Marion	1,856.9	17,200.3	0.0	109.2	259.3	1,774.1	378.7	4,388.3	840.0	7,467.6	378.9	3,461.2	0.0	0.0
Marshall	561.6	4,653.3	41.4	102.1	113.6	605.3	125.4	1,429.2	281.2	1,678.7	0.0	838.0	0.0	0.0
Maury	80.1	7,863.1	33.9	40.9	33.2	849.7	13.0	3,863.3	0.0	3,109.2	0.0	0.0	0.0	0.0
Meigs	2,240.8	4,514.6	0.0	0.0	41.1	43.8	260.2	977.4	1,485.0	3,483.9	454.5	9.5	0.0	0.0
Monroe	8,578.3	16,581.6	0.0	0.0	199.9	264.4	1,403.1	2,180.5	3,531.5	6,211.1	3,241.9	5,271.0	201.8	2,654.6
Montgomery	363.2	9,255.8	0.0	102.7	19.2	359.9	344.1	5,058.8	0.0	3,734.4	0.0	0.0	0.0	0.0
Moore	168.1	3,067.7	0.0	0.0	0.0	0.0	88.6	1,293.2	79.5	295.5	0.0	1,479.0	0.0	0.0
Morgan	3,378.9	18,406.6	12.2	15.7	112.0	839.8	983.2	4,540.2	1,195.3	9,058.1	1,076.3	3,101.7	0.0	851.1
Obion	448.9	7,207.3	0.0	0.0	0.0	0.0	109.6	1,182.1	0.0	1,890.9	339.3	2,874.8	0.0	1,259.6
Overton	1,259.9	14,198.4	0.0	0.0	40.5	413.5	115.2	2,413.1	503.2	7,640.0	601.0	3,731.9	0.0	0.0
Perry	371.4	15,034.6	0.0	26.6	112.1	2,066.3	60.1	6,545.6	199.1	5,698.9	0.0	697.3	0.0	0.0
Pickett	291.6	5,691.9	0.0	32.3	0.0	0.0	36.7	1,307.3	57.7	3,013.4	197.2	1,338.9	0.0	0.0
Polk	7,960.9	8,387.0	60.8	197.0	174.6	674.5	1,499.4	2,198.1	1,199.7	2,800.0	3,258.7	1,202.1	1,767.7	1,315.3
Putnam	763.7	11,320.8	2.6	24.8	0.0	992.1	48.2	2,378.0	403.8	5,924.3	308.9	2,001.5	0.0	0.0
Rhea	1,800.7	8,355.7	0.0	192.7	90.8	514.4	475.8	1,752.5	209.9	3,660.6	1,024.2	1,446.3	0.0	789.2
Roane	1,818.5	11,476.5	0.0	91.5	154.5	283.7	394.0	2,100.3	415.7	6,548.3	854.4	2,452.6	0.0	0.0
Robertson	17.5	3,809.2	0.0	0.0	0.0	281.7	17.5	1,977.3	0.0	1,550.2	0.0	0.0	0.0	0.0
Rutherford	1,281.0	5,026.0	111.0	117.5	285.7	892.9	424.4	1,621.4	460.0	1,904.0	0.0	490.2	0.0	0.0
Scott	3,836.9	23,068.4	0.0	325.4	60.4	670.1	851.5	3,750.8	1,959.0	13,224.0	469.9	4,844.1	496.0	254.1
Sequatchie	2,757.5	7,317.7	3.6	0.0	55.1	506.7	697.5	1,697.0	1,262.5	3,246.8	738.8	842.9	0.0	1,024.3
Sevier	2,782.9	8,284.2	0.0	0.0	143.2	463.7	469.5	1,334.8	1,099.5	3,792.8	829.8	2,270.6	240.9	422.3
Shelby	89.8	10,890.0	0.0	0.0	0.0	0.0	23.1	1,976.7	66.7	4,428.5	0.0	3,322.7	0.0	1,162.1
Smith	251.2	5,732.9	61.0	76.2	0.0	293.7	152.7	1,931.4	37.5	1,088.8	0.0	1,044.8	0.0	1,298.0
Stewart	337.6	14,805.8	13.3	219.9	78.9	1,599.7	0.0	6,402.8	245.3	6,583.4	0.0	0.0	0.0	0.0
Sullivan	1,543.1	8,998.4	43.9	0.0	30.9	473.8	475.9	1,893.5	172.9	4,640.1	819.6	1,990.9	0.0	0.0
Sumner	170.9	5,082.7	0.0	153.0	79.6	661.9	91.3	2,950.3	0.0	1,317.5	0.0	0.0	0.0	0.0
Tipton	1.8	4,176.0	0.0	0.0	0.0	0.0	1.8	2,007.7	0.0	2,168.3	0.0	0.0	0.0	0.0
Trousdale	189.4	1,574.2	0.0	0.0	0.0	0.0	116.3	781.9	73.1	792.3	0.0	0.0	0.0	0.0
Unicoi	1,763.7	7,594.8	0.0	0.0	0.0	0.0	67.1	696.9	972.6	4,014.2	245.9	1,679.0	478.2	1,204.7
Union	1,219.8	6,470.2	0.0	0.0	0.0	311.3	513.7	2,400.1	491.7	3,330.8	214.4	428.0	0.0	0.0
Van Buren	1,927.1	7,477.6	1.4	49.8	107.9	919.4	205.8	1,155.4	1,086.2	4,678.6	525.7	674.4	0.0	0.0
Warren	22.1	7,601.0	0.0	52.5	0.0	0.0	22.1	2,524.3	0.0	3,806.8	0.0	1,217.4	0.0	0.0
Washington	787.7	4,767.2	0.0	0.0	0.0	0.0	139.8	127.9	122.3	2,678.8	525.5	1,960.5	0.0	0.0
Wayne	1,267.1	22,490.1	16.5	220.8	243.0	1,734.9	487.0	10,467.8	520.6	10,066.6	0.0	0.0	0.0	0.0
Weakley	821.4	7,118.3	0.0	37.0	7.7	853.9	92.1	1,065.9	50.8	2,900.2	670.8	2,261.4	0.0	0.0
White	1,399.8	9,925.9	0.0	0.0	29.7	741.8	17.6	3,685.7	145.6	3,993.9	325.5	45.8	881.4	1,458.7
Williamson	819.2	10,332.1	0.0	9.9	0.0	192.7	512.8	3,700.8	250.0	3,966.4	56.4	1,766.7	0.0	695.6
Wilson	1,338.1	3,027.6	26.0	108.3	217.1	343.9	572.3	1,095.9	522.8	1,479.6	0.0	0.0	0.0	0.0
All counties	125,926.1	899,282.1	1,200.9	5,423.1	6,911.1	60,200.7	27,770.7	260,783.0	44,516.8	387,245.4	35,724.7	155,807.8	9,802.0	29,822.0

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 61. – *Wood and bark dry weight of crowns in live trees on timberland by county and basal area class, Tennessee, 1989**

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
Anderson	356.5	3,081.8	20.3	0.0	0.0	0.0	125.0	545.7	116.7	1,374.5	94.4	1,161.6	0.0	0.0
Bedford	94.9	1,594.5	0.0	9.3	0.1	36.1	78.3	438.5	16.5	641.0	0.0	469.5	0.0	0.0
Benton	167.0	3,410.9	0.0	0.0	9.6	857.8	69.0	766.9	88.4	1,392.7	0.0	393.5	0.0	0.0
Bledsoe	657.3	2,501.2	1.8	83.9	0.0	60.6	198.0	1,108.4	242.5	814.0	106.4	430.0	108.6	4.2
Blount	295.7	1,300.2	0.0	22.8	0.0	19.5	47.2	194.2	168.9	560.2	79.6	503.4	0.0	0.0
Bradley	365.7	1,252.3	13.7	33.1	117.1	26.8	18.9	381.8	0.0	730.5	216.0	80.1	0.0	0.0
Campbell	437.4	6,002.7	6.6	55.7	7.5	173.0	177.5	1,378.8	128.8	3,007.9	117.0	1,387.4	0.0	0.0
Cannon	96.8	1,767.9	0.0	76.2	1.3	16.6	25.2	349.8	70.3	928.4	0.0	396.8	0.0	0.0
Carroll	133.5	4,215.7	0.0	0.0	2.4	39.1	47.6	862.2	54.5	2,555.7	29.0	758.8	0.0	0.0
Carter	376.5	4,295.9	0.0	0.0	27.1	33.2	29.5	789.1	22.3	1,380.7	297.6	2,092.8	0.0	0.0
Cheatam	40.6	2,899.7	0.0	38.2	0.0	339.0	15.7	577.1	19.9	1,240.1	5.1	705.2	0.0	0.0
Chester	250.8	1,574.8	0.0	44.8	18.3	107.3	30.9	481.3	98.7	476.2	103.0	465.3	0.0	0.0
Claiborne	84.4	3,898.8	5.9	16.9	30.1	123.9	2.7	1,162.5	45.7	1,995.0	0.0	600.5	0.0	0.0
Clay	32.4	1,686.3	0.4	66.0	9.6	335.8	9.0	782.7	13.3	501.7	0.0	0.0	0.0	0.0
Cocke	386.5	3,227.3	0.0	0.0	16.4	89.2	97.8	998.8	157.6	661.8	100.7	1,255.6	14.1	222.0
Coffee	0.0	3,282.4	0.0	6.4	0.0	181.6	0.0	349.9	0.0	2,312.1	0.0	432.3	0.0	0.0
Crockett	0.0	655.5	0.0	0.0	0.0	0.0	0.0	193.0	0.0	0.0	0.0	0.0	0.0	462.5
Cumberland	1,000.9	6,378.3	0.0	0.0	52.7	392.7	17.0	1,391.8	388.3	3,258.5	336.7	971.7	206.1	363.6
Davidson	54.7	2,799.8	0.0	0.0	0.0	446.2	28.0	852.7	26.7	735.1	0.0	765.9	0.0	0.0
Decatur	145.1	3,345.1	0.0	25.3	0.0	129.2	7.6	1,205.1	33.7	1,426.7	0.0	493.0	103.7	65.8
DeKalb	127.4	2,981.5	0.0	0.0	0.0	0.0	56.8	1,069.8	70.5	1,422.8	0.0	186.2	0.0	302.7
Dickson	16.0	4,455.1	0.0	0.1	0.0	390.2	0.0	1,415.4	16.0	2,250.6	0.0	398.7	0.0	0.0
Dyer	0.0	1,219.7	0.0	0.0	0.0	166.8	0.0	213.5	0.0	839.4	0.0	0.0	0.0	0.0
Fayette	215.1	4,298.8	7.3	4.8	0.0	0.0	17.3	1,543.1	7.0	1,204.2	46.2	1,315.7	137.2	231.0
Fentress	928.1	4,518.6	0.0	0.0	31.6	296.7	171.6	1,566.0	186.4	1,453.9	538.5	1,202.0	0.0	0.0
Franklin	45.7	3,660.4	0.0	10.4	1.8	486.3	14.4	1,593.9	29.5	1,569.9	0.0	0.0	0.0	0.0
Gibson	0.0	994.9	0.0	0.0	0.0	437.4	0.0	0.0	0.0	557.4	0.0	0.0	0.0	0.0
Giles	43.1	3,221.2	2.8	32.1	5.1	365.4	4.6	1,505.4	30.5	846.2	0.0	472.1	0.0	0.0
Grainger	132.8	2,469.5	0.0	0.0	0.0	11.6	69.5	496.8	48.2	1,069.0	15.1	564.4	0.0	327.6
Greene	286.9	4,200.1	0.9	17.6	28.7	335.0	4.8	740.1	140.9	1,691.3	99.7	1,216.0	11.9	200.2
Grundy	245.9	3,439.9	3.8	13.5	8.0	235.6	38.0	1,179.5	86.9	1,069.3	109.2	942.0	0.0	0.0
Hamblen	131.3	1,026.6	0.0	0.0	0.0	0.0	104.1	287.6	27.2	236.2	0.0	502.9	0.0	0.0
Hamilton	594.1	3,725.4	0.0	6.4	2.1	303.0	224.7	1,620.4	157.4	1,022.6	209.9	773.0	0.0	0.0
Hancock	34.7	1,443.6	0.0	1.1	7.0	377.9	26.0	356.7	1.8	382.9	0.0	325.0	0.0	0.0
Hardeman	418.4	5,209.1	0.0	8.4	32.5	353.7	64.9	1,489.3	240.0	2,197.6	81.0	1,160.0	0.0	0.0
Hardin	546.5	4,173.7	25.8	11.6	111.1	486.9	119.2	1,157.3	171.8	2,286.6	118.5	231.3	0.0	0.0
Hawkins	221.3	3,431.9	0.0	0.0	46.4	298.4	101.5	1,737.0	73.4	1,150.8	0.0	245.7	0.0	0.0
Haywood	0.2	2,749.8	0.0	45.3	0.0	0.0	0.2	526.9	0.0	1,065.7	0.0	1,111.9	0.0	0.0
Henderson	393.8	3,693.2	0.0	18.4	6.5	61.4	72.0	1,201.4	208.1	1,099.7	0.0	682.2	107.2	630.1
Henry	30.5	4,337.8	0.0	0.0	18.3	440.3	0.0	976.3	11.8	2,030.1	0.0	690.4	0.4	200.7
Hickman	128.7	7,275.7	0.0	0.0	4.8	772.9	12.4	2,558.0	111.6	3,156.8	0.0	787.9	0.0	0.0
Houston	4.9	2,430.3	2.5	16.5	0.0	161.9	0.0	575.3	2.4	1,676.7	0.0	0.0	0.0	0.0
Humphreys	38.7	5,487.8	0.0	1.2	14.9	529.8	1.9	2,250.8	21.8	2,706.0	0.0	0.0	0.0	0.0
Jackson	91.4	3,311.6	0.7	43.1	16.6	176.5	33.3	593.9	19.7	1,024.3	21.2	1,037.2	0.0	436.5
Jefferson	118.7	1,603.5	0.0	0.7	17.7	76.6	6.5	165.4	94.5	1,025.4	0.0	0.0	0.0	335.3
Johnson	274.3	3,041.2	0.0	0.0	6.7	61.3	57.3	742.9	164.2	1,171.9	34.9	796.1	11.3	268.9
Knox	316.2	2,909.0	0.0	0.0	22.0	136.7	143.7	613.1	150.4	1,430.9	0.0	728.2	0.0	0.0
Lake	211.8	648.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	211.8	648.7
Lauderdale	109.6	2,596.6	0.0	31.8	0.0	191.2	0.0	530.1	34.0	1,651.3	0.0	0.0	75.6	192.2
Lawrence	0.0	3,981.9	0.0	70.9	0.0	432.1	0.0	2,147.9	0.0	1,331.0	0.0	0.0	0.0	0.0
Lewis	12.7	3,140.7	4.9	3.5	0.0	299.7	0.0	1,044.2	7.8	1,572.4	0.0	220.8	0.0	0.0
Lincoln	116.1	2,479.7	0.0	42.0	24.7	190.6	72.4	964.3	18.9	789.4	0.0	493.3	0.0	0.0
Loudon	296.9	1,272.7	1.5	21.5	9.6	25.3	42.3	209.4	140.2	1,012.6	103.3	3.9	0.0	0.0

Table 61. – *Wood and bark dry weight of crowns in live trees on timberland by county and basal area class, Tennessee, 1989* – Continued*

County	All classes		Basal area class† (*Square feet per acre*)											
			<30		30 - 59		60 - 89		90 - 119		120 - 149		≥150	
	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§	Soft‡	Hard§
	Million pounds													
McMinn	738.3	2,094.5	2.9	0.4	36.3	35.2	127.4	166.1	187.2	1,001.2	287.2	805.6	97.3	86.0
McNairy	579.3	3,383.3	1.8	24.4	49.3	474.6	123.8	875.5	255.3	1,289.2	149.2	719.6	0.0	0.0
Macon	2.2	1,701.0	2.2	11.0	0.0	59.4	0.0	932.7	0.0	404.3	0.0	293.7	0.0	0.0
Madison	73.1	4,095.2	0.0	0.0	10.8	144.1	56.7	1,149.3	3.4	1,661.5	2.3	1,140.3	0.0	0.0
Marion	347.3	5,028.5	0.0	31.3	59.5	491.6	71.1	1,219.0	152.7	2,302.2	64.0	984.4	0.0	0.0
Marshall	85.5	1,505.3	10.1	13.3	12.5	207.8	20.1	461.2	42.8	545.5	0.0	277.5	0.0	0.0
Maury	12.1	2,494.6	4.0	33.3	3.2	284.8	4.9	1,254.5	0.0	922.0	0.0	0.0	0.0	0.0
Meigs	380.7	1,396.6	0.0	0.0	2.6	3.8	40.6	365.5	238.6	1,026.5	98.9	0.8	0.0	0.0
Monroe	1,539.9	5,012.8	0.0	0.0	33.9	64.0	228.4	640.3	662.5	1,751.6	558.5	1,743.9	56.6	813.0
Montgomery	60.7	3,054.6	0.0	70.2	2.8	88.0	57.8	1,596.6	0.0	1,299.9	0.0	0.0	0.0	0.0
Moore	26.4	1,090.6	0.0	0.0	0.0	0.0	13.5	425.5	12.9	99.4	0.0	565.7	0.0	0.0
Morgan	601.4	5,498.4	0.8	1.4	27.2	285.6	162.8	1,339.1	223.3	2,702.5	187.2	983.0	0.0	187.0
Obion	61.6	2,749.7	0.0	0.0	0.0	0.0	13.5	532.0	0.0	719.8	48.1	1,034.2	0.0	463.6
Overton	253.8	3,934.8	0.0	0.0	6.4	129.2	19.5	745.4	98.4	2,202.8	129.4	857.3	0.0	0.0
Perry	67.7	4,419.7	0.0	20.5	13.7	680.2	12.3	1,929.0	41.6	1,620.9	0.0	169.1	0.0	0.0
Pickett	78.8	1,749.3	0.0	24.4	0.0	0.0	3.2	393.3	9.1	924.2	66.5	407.5	0.0	0.0
Polk	1,429.5	2,390.8	12.1	56.0	29.3	154.7	245.9	633.5	216.9	837.2	617.8	340.7	307.5	368.8
Putnam	145.1	3,525.3	0.2	13.0	0.0	352.4	10.2	689.1	74.3	1,848.7	60.4	622.1	0.0	0.0
Rhea	369.0	2,563.5	0.0	67.1	15.6	143.1	95.6	548.8	42.1	1,103.4	215.6	468.9	0.0	232.1
Roane	282.4	3,444.8	0.0	31.5	25.6	92.1	59.4	647.4	68.3	2,027.1	129.2	646.6	0.0	0.0
Robertson	2.1	1,326.6	0.0	0.0	0.0	69.1	2.1	628.4	0.0	629.1	0.0	0.0	0.0	0.0
Rutherford	230.7	1,632.4	12.0	39.5	52.7	275.5	58.7	540.3	107.3	611.6	0.0	165.4	0.0	0.0
Scott	690.9	7,264.1	0.0	80.8	7.0	248.2	144.1	1,084.8	344.6	4,283.8	99.7	1,474.3	95.5	92.3
Sequatchie	558.0	2,070.9	0.2	0.0	6.5	139.2	141.8	448.4	257.2	879.6	152.2	224.9	0.0	378.8
Sevier	506.0	2,346.3	0.0	0.0	31.1	107.4	78.6	388.0	191.3	1,084.4	162.3	669.2	42.7	97.2
Shelby	12.8	3,398.2	0.0	0.0	0.0	0.0	4.8	630.0	8.0	1,452.6	0.0	993.4	0.0	322.3
Smith	56.1	1,997.5	7.0	38.0	0.0	101.3	45.9	641.8	3.2	366.0	0.0	436.3	0.0	414.0
Stewart	57.9	4,899.9	6.7	46.0	8.9	526.5	0.0	2,184.9	42.3	2,142.4	0.0	0.0	0.0	0.0
Sullivan	283.3	2,766.5	4.3	0.0	5.5	129.6	102.2	655.9	30.1	1,455.3	141.3	525.7	0.0	0.0
Sumner	31.2	1,659.4	0.0	42.9	11.6	232.0	19.6	1,076.3	0.0	308.2	0.0	0.0	0.0	0.0
Tipton	0.1	1,493.1	0.0	0.0	0.0	0.0	0.1	914.3	0.0	578.8	0.0	0.0	0.0	0.0
Trousdale	42.4	431.4	0.0	0.0	0.0	0.0	24.5	225.8	17.9	205.6	0.0	0.0	0.0	0.0
Unicoi	364.3	2,207.9	0.0	0.0	0.0	0.0	22.2	169.9	181.4	1,187.0	48.2	470.3	112.5	380.8
Union	207.3	1,925.6	0.0	0.0	0.0	93.0	86.9	693.1	85.6	1,017.7	34.8	121.7	0.0	0.0
Van Buren	396.9	2,307.7	0.1	17.6	6.9	247.5	51.0	318.2	248.9	1,488.3	90.0	236.1	0.0	0.0
Warren	5.9	2,477.3	0.0	22.2	0.0	0.0	5.9	841.9	0.0	1,263.1	0.0	350.2	0.0	0.0
Washington	170.7	1,559.5	0.0	0.0	0.0	0.0	25.7	19.4	24.3	811.0	120.7	729.2	0.0	0.0
Wayne	237.6	6,827.8	8.1	44.2	50.3	588.0	113.6	3,276.7	65.5	2,919.0	0.0	0.0	0.0	0.0
Weakley	134.2	2,809.2	0.0	8.6	4.9	293.0	8.6	513.0	8.1	1,091.5	112.6	903.2	0.0	0.0
White	302.1	3,165.5	0.0	0.0	6.6	214.3	2.0	1,265.2	35.6	1,278.8	79.5	4.0	178.3	403.2
Williamson	124.0	3,698.6	0.0	1.1	0.0	62.4	79.8	1,356.1	31.3	1,542.2	12.9	565.0	0.0	171.8
Wilson	173.7	1,092.5	4.8	44.0	31.1	124.6	69.0	383.8	68.8	540.2	0.0	0.0	0.0	0.0
All counties	22,831.6	285,092.4	176.1	1,662.3	1,260.3	18,651.7	4,938.2	82,681.4	8,046.6	123,414.0	6,531.8	49,380.0	1,878.4	9,303.0

*Numbers in columns and rows may not total due to rounding.
†Based upon all live trees ≥1.0 inches in d.b.h.
‡Softwood species.
§Hardwood species.

Table 62.—*Sampling errors for estimates of wood and bark weight of live trees by county, tree component, and species group, Tennessee, 1989**

County	Percent sampling error of fresh weight						Percent sampling error of dry weight					
	Total tree		Stem		Crown		Total tree		Stem		Crown	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
Anderson	40.9	11.4	41.8	11.4	38.5	11.9	41.0	11.7	42.0	11.7	38.6	12.5
Bedford	38.7	20.5	39.0	20.8	40.7	21.2	38.6	20.2	38.9	19.9	40.9	22.7
Benton	55.3	11.0	54.7	11.2	57.6	10.9	55.1	11.0	54.4	11.1	58.5	11.1
Bledsoe	26.2	13.9	26.4	14.0	26.1	14.0	26.2	14.0	26.4	14.0	25.8	14.5
Blount	22.3	12.9	22.2	12.8	22.8	13.7	22.0	12.7	22.2	12.3	21.3	14.5
Bradley	56.3	53.4	55.9	53.1	58.2	54.3	55.9	55.3	55.4	54.6	59.0	57.3
Campbell	30.1	8.5	30.2	8.4	29.4	9.2	30.1	8.5	30.2	8.3	29.2	9.6
Cannon	50.2	15.8	50.6	15.7	49.8	16.6	50.0	16.2	50.3	16.0	50.9	17.4
Carroll	43.4	7.2	43.5	7.0	43.0	8.9	43.2	7.3	43.2	6.9	44.1	9.3
Carter	24.9	7.0	25.0	7.1	24.7	6.9	24.7	6.9	25.0	6.9	25.1	7.1
Cheatam	52.1	12.0	52.7	12.0	49.7	11.9	51.9	11.9	52.5	11.9	49.8	12.1
Chester	33.6	13.7	34.1	13.9	31.6	13.3	33.3	13.4	33.7	13.5	31.7	13.7
Claiborne	44.8	9.9	45.8	9.8	41.8	10.8	44.4	10.0	45.2	9.7	41.7	11.6
Clay	57.5	14.3	58.9	14.7	50.8	13.6	57.4	14.1	58.8	14.4	48.7	13.8
Cocke	22.3	9.6	22.8	9.7	20.9	9.6	22.4	9.8	22.8	9.7	20.6	10.3
Coffee	0.0	7.8	0.0	7.8	0.0	8.3	0.0	7.8	0.0	7.8	0.0	8.5
Crockett	0.0	40.0	0.0	39.6	0.0	41.0	0.0	41.0	0.0	41.0	0.0	41.2
Cumberland	19.1	6.8	19.1	6.8	19.3	7.1	19.1	6.9	19.0	6.8	19.8	7.5
Davidson	35.7	14.6	35.7	14.3	36.6	15.5	36.0	14.5	36.1	13.9	36.3	16.3
Decatur	70.1	8.0	69.9	7.7	70.9	9.1	70.4	8.3	70.1	7.9	72.4	10.0
DeKalb	39.9	12.7	40.6	12.5	37.9	13.6	39.7	12.5	40.2	12.1	38.1	14.1
Dickson	87.5	8.0	86.7	7.9	91.5	8.9	87.0	8.0	86.1	7.7	93.4	9.7
Dyer	0.0	21.7	0.0	19.5	0.0	28.1	0.0	22.1	0.0	20.0	0.0	28.5
Fayette	59.0	13.4	58.1	13.5	63.5	13.5	59.0	14.0	58.1	14.0	64.9	14.2
Fentress	17.9	8.7	17.9	8.5	18.6	9.3	18.0	8.7	18.0	8.4	18.7	10.1
Franklin	46.3	9.1	45.2	9.1	53.8	9.3	46.1	9.0	44.9	8.9	55.4	9.7
Gibson	0.0	39.1	0.0	39.8	0.0	37.3	0.0	38.1	0.0	39.1	0.0	35.5
Giles	62.8	10.2	55.9	10.0	79.8	11.0	58.7	10.2	57.6	9.9	64.8	11.6
Grainger	26.7	13.7	26.6	13.9	27.5	13.2	26.5	13.2	26.5	13.1	26.8	13.6
Greene	26.8	11.1	26.7	11.1	27.7	12.0	26.6	11.3	26.4	11.0	28.5	12.6
Grundy	43.5	11.0	44.0	10.6	41.8	13.0	43.0	11.1	43.6	10.2	40.7	14.6
Hamblen	72.7	40.3	72.8	41.6	71.9	36.7	72.2	40.2	72.2	41.7	71.8	36.5
Hamilton	21.8	10.5	22.0	10.4	21.3	11.1	21.9	10.7	21.9	10.4	21.7	12.0
Hancock	57.2	19.7	56.5	18.7	61.0	22.9	57.0	19.9	56.6	18.6	59.2	24.7
Hardeman	31.3	10.1	31.6	9.9	29.9	11.0	30.9	10.1	31.2	9.7	30.2	11.6
Hardin	20.4	10.3	20.8	9.9	19.6	12.2	20.4	10.2	20.7	9.6	20.0	12.3
Hawkins	28.8	10.1	29.0	10.0	27.9	10.7	28.5	10.1	28.7	9.9	28.4	11.3
Haywood	83.6	13.4	83.7	12.6	82.4	15.8	83.0	13.6	83.0	12.7	83.0	16.2
Henderson	37.0	12.6	37.0	12.5	38.4	13.4	37.0	13.0	36.9	12.6	38.6	14.2
Henry	71.3	10.5	72.2	10.6	68.7	10.8	70.9	10.5	71.2	10.5	70.1	11.1
Hickman	71.0	5.9	70.9	5.9	71.8	6.4	70.9	5.9	71.0	5.8	70.8	6.7
Houston	69.4	12.6	69.5	12.5	68.8	13.2	69.8	12.6	70.1	12.3	67.8	13.7
Humphreys	65.8	8.1	65.9	8.1	66.5	8.3	66.0	8.3	66.1	8.2	67.0	8.8
Jackson	34.1	13.7	33.9	13.4	35.0	14.7	33.9	13.5	33.7	12.9	35.5	15.5
Jefferson	52.6	23.3	53.5	23.2	49.4	23.6	52.5	22.9	53.2	22.8	49.9	23.5
Johnson	18.8	9.7	18.9	9.5	20.2	10.4	18.6	9.5	18.9	9.0	19.1	11.4
Knox	29.0	19.4	28.8	19.6	30.7	19.5	28.9	19.3	28.8	19.3	30.4	20.0
Lake	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
Lauderdale	73.2	12.9	73.6	12.6	70.5	16.6	73.2	12.1	73.6	11.6	70.5	16.3
Lawrence	0.0	8.7	0.0	8.6	0.0	9.0	0.0	8.8	0.0	8.8	0.0	9.5
Lewis	70.4	10.1	70.8	10.1	69.5	10.5	70.8	10.3	71.5	10.0	71.4	11.4
Lincoln	32.3	11.9	32.0	11.7	34.6	12.8	32.0	12.4	31.5	12.0	35.5	14.4
Loudon	42.5	28.6	42.5	27.7	42.9	31.4	42.3	28.5	42.2	27.1	43.4	33.1
McMinn	21.3	17.0	21.3	17.1	21.4	17.1	21.1	17.3	21.2	17.2	21.4	18.4
McNairy	26.2	10.6	26.6	10.3	25.1	11.7	26.0	11.0	26.3	10.6	25.3	12.7
Macon	100.1	13.5	100.1	13.4	100.1	14.1	100.1	13.6	100.1	13.2	100.1	15.5
Madison	42.5	10.7	41.6	10.4	47.8	12.0	42.1	11.0	41.2	10.6	48.6	12.5
Marion	22.4	7.8	22.5	7.8	23.1	8.0	22.2	7.8	22.2	7.7	24.0	8.5
Marshall	31.0	17.8	31.5	17.8	29.4	18.4	30.8	17.7	31.1	17.4	30.2	19.3
Maury	48.9	11.9	50.3	12.2	48.9	11.5	48.4	11.8	49.5	12.0	50.9	11.6
Meigs	28.3	16.8	27.8	16.8	31.9	17.4	28.5	16.7	28.0	16.7	32.6	17.8
Monroe	10.7	10.9	10.9	10.7	10.8	11.5	10.9	10.9	10.9	10.6	10.9	12.2
Montgomery	47.1	10.3	47.2	10.4	46.9	10.7	47.1	10.3	47.0	10.4	47.9	10.9
Moore	48.5	20.9	48.5	19.3	49.4	26.2	48.5	20.3	48.5	18.9	48.7	25.4
Morgan	15.9	8.0	15.8	7.9	16.9	8.5	16.4	7.8	16.2	7.6	18.0	9.1

Table 62.—*Sampling errors for estimates of wood and bark weight of live trees by county, tree component, and species group, Tennessee, 1989*— Continued*

County	Percent sampling error of fresh weight						Percent sampling error of dry weight					
	Total tree		Stem		Crown		Total tree		Stem		Crown	
	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡	Soft†	Hard‡
Obion	62.4	12.6	61.7	12.8	68.0	12.8	62.4	12.8	61.7	13.0	68.0	13.1
Overton	51.9	7.9	51.5	8.0	54.1	8.3	52.4	8.0	51.8	7.9	55.8	9.3
Perry	42.3	6.4	42.0	6.5	44.1	6.3	42.4	6.3	42.1	6.4	45.1	6.5
Pickett	71.8	17.2	69.6	17.1	80.5	17.7	70.9	16.9	67.8	16.7	83.6	17.9
Polk	14.5	11.4	14.6	11.3	14.5	11.9	14.5	11.6	14.5	11.3	15.0	13.1
Putnam	42.3	10.3	42.3	10.3	42.8	10.7	42.3	10.3	42.3	10.1	42.9	11.6
Rhea	34.7	12.5	34.9	12.7	34.1	12.4	34.5	12.3	34.4	12.3	34.9	12.8
Roane	32.0	8.1	32.1	8.2	31.9	8.2	32.2	8.2	32.1	8.2	33.1	8.8
Robertson	100.0	13.2	100.0	11.9	100.0	17.2	100.0	14.4	100.0	13.1	100.0	18.6
Rutherford	20.6	16.8	20.4	16.8	23.0	16.9	20.5	16.7	20.3	16.5	23.6	17.5
Scott	19.7	6.7	18.7	6.6	25.8	7.1	19.0	6.7	19.0	6.6	19.8	7.4
Sequatchie	20.3	15.3	20.3	14.9	21.3	16.7	20.4	15.5	20.3	14.9	21.6	18.4
Sevier	17.0	10.7	17.0	10.4	17.4	12.0	17.0	11.2	17.0	10.7	17.2	13.5
Shelby	51.1	9.1	52.0	9.1	48.1	10.1	52.4	8.9	53.0	8.7	51.2	10.3
Smith	34.0	23.5	32.2	23.4	44.2	24.2	33.9	23.1	32.2	22.9	45.6	24.2
Stewart	74.2	8.8	74.6	8.8	72.6	9.0	73.5	8.7	73.4	8.7	74.1	9.4
Sullivan	34.2	10.0	33.9	10.0	36.2	10.3	33.7	10.0	33.9	10.0	33.5	10.8
Sumner	67.6	15.7	67.3	16.3	70.0	15.1	67.5	15.2	67.2	15.6	70.2	15.3
Tipton	101.8	9.8	101.8	12.0	101.8	10.3	101.8	10.1	101.8	12.4	101.8	9.7
Trousdale	42.1	16.1	42.0	16.8	43.0	15.0	42.1	15.9	41.9	16.2	43.1	17.8
Unicoi	23.6	10.0	23.8	9.9	23.9	10.7	23.4	9.8	23.9	9.4	21.9	12.1
Union	30.5	11.9	30.6	11.5	30.6	13.9	30.3	11.9	30.3	11.2	31.0	15.4
Van Buren	29.3	15.3	29.2	15.2	30.2	15.8	29.2	15.6	29.2	15.1	31.1	17.4
Warren	100.1	11.0	100.1	11.1	100.1	11.1	100.1	11.2	100.1	11.2	100.1	11.6
Washington	36.0	9.9	35.7	9.7	37.3	11.5	35.7	9.8	35.6	9.4	37.5	12.9
Wayne	30.6	7.5	31.5	7.4	29.0	7.9	30.4	7.5	31.1	7.5	29.3	8.2
Weakley	79.6	18.7	79.2	18.5	81.8	19.6	78.1	18.1	77.8	17.7	80.4	19.3
White	47.8	11.7	47.9	11.6	47.5	12.2	47.8	11.7	47.9	11.4	47.4	13.1
Williamson	32.6	11.2	32.9	10.9	31.5	13.2	32.6	10.8	33.0	10.5	31.3	13.1
Wilson	18.8	19.4	19.1	19.8	18.2	18.4	18.7	18.7	18.9	19.2	18.8	17.7
All counties	4.1	1.2	4.1	1.2	4.2	1.3	4.1	1.2	4.1	1.2	4.2	1.4

*See text for derivation of sampling error.
†Softwood species.
‡Hardwood species.

Appendix 4.—Figures

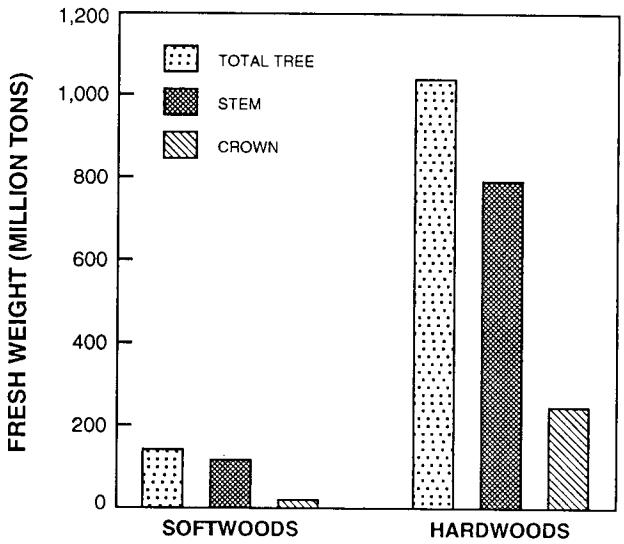

Figure 1.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by tree component, Tennessee, 1989.*

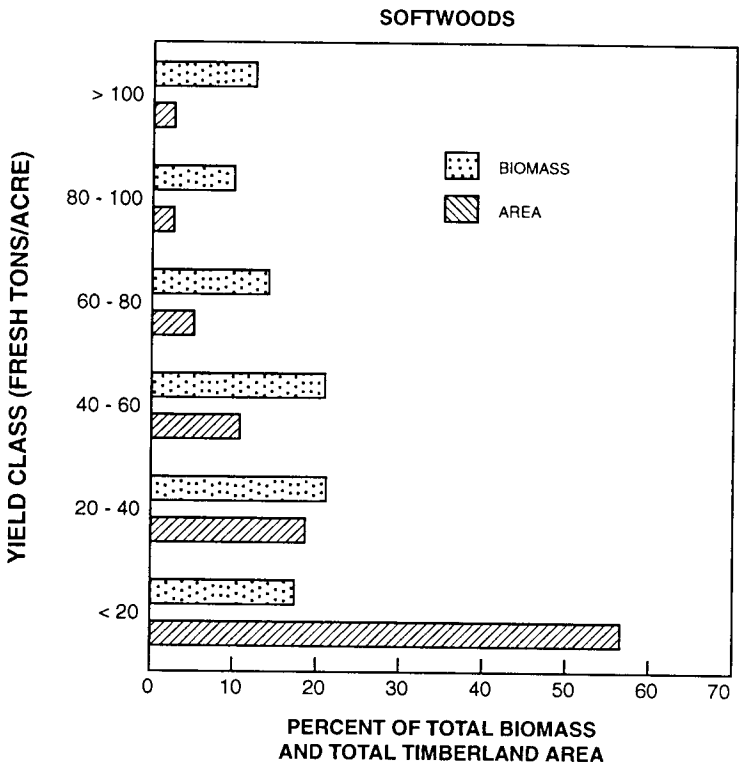

Figure 2.—*Effective density of fresh, live-tree softwood biomass and relative area of softwood timberland by respective yield class, Tennessee, 1989.*

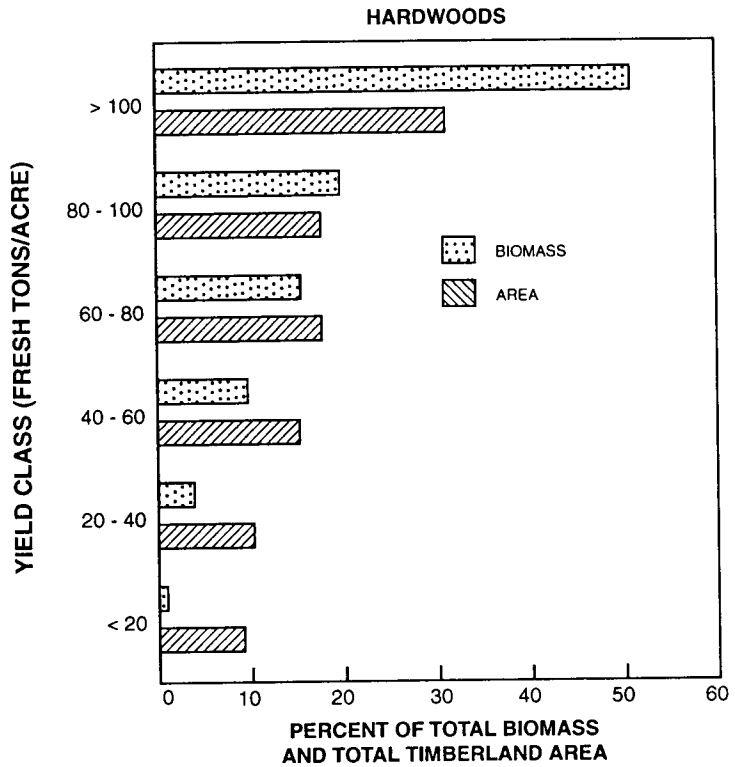

Figure 3.—*Effective density of fresh, live-tree hardwood biomass and relative area of hardwood timberland by respective yield class, Tennessee, 1989.*

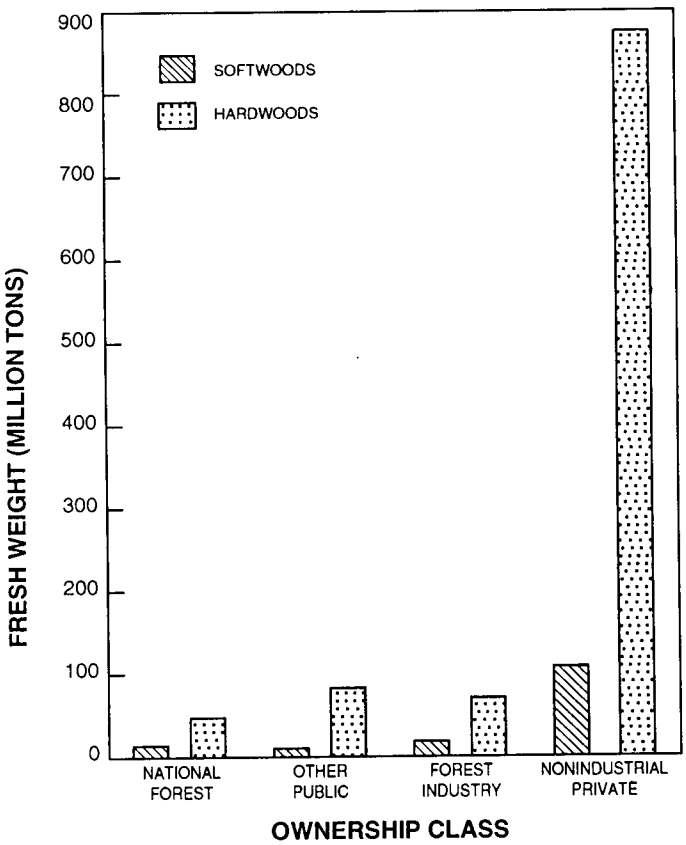

Figure 4.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by ownership class, Tennessee, 1989.*

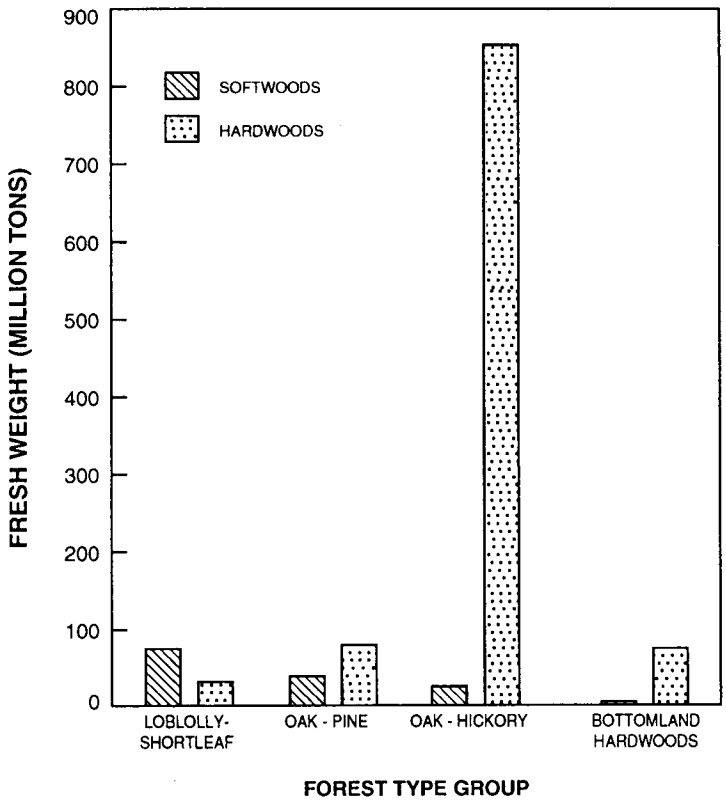

Figure 5.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by forest type group, Tennessee, 1989.*

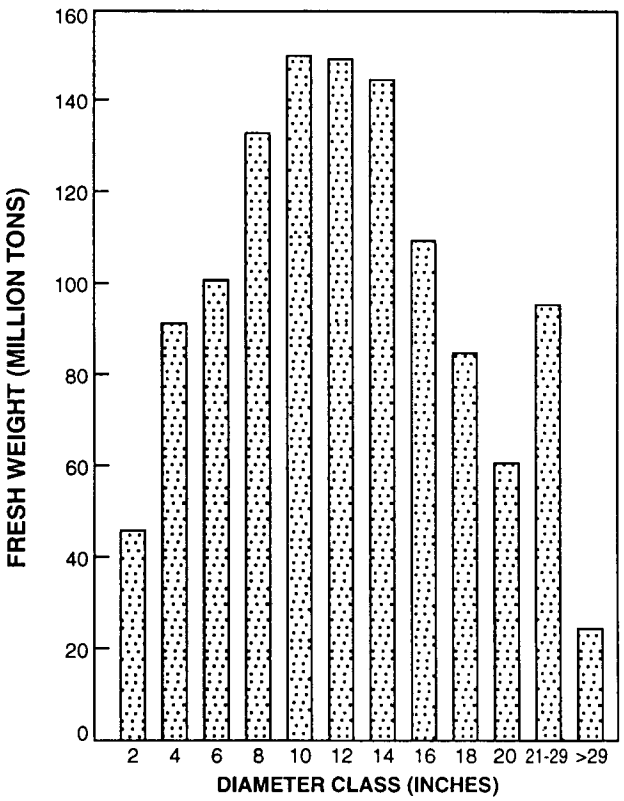

Figure 6.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods combined, by 2-inch diameter classes, Tennessee, 1989.*

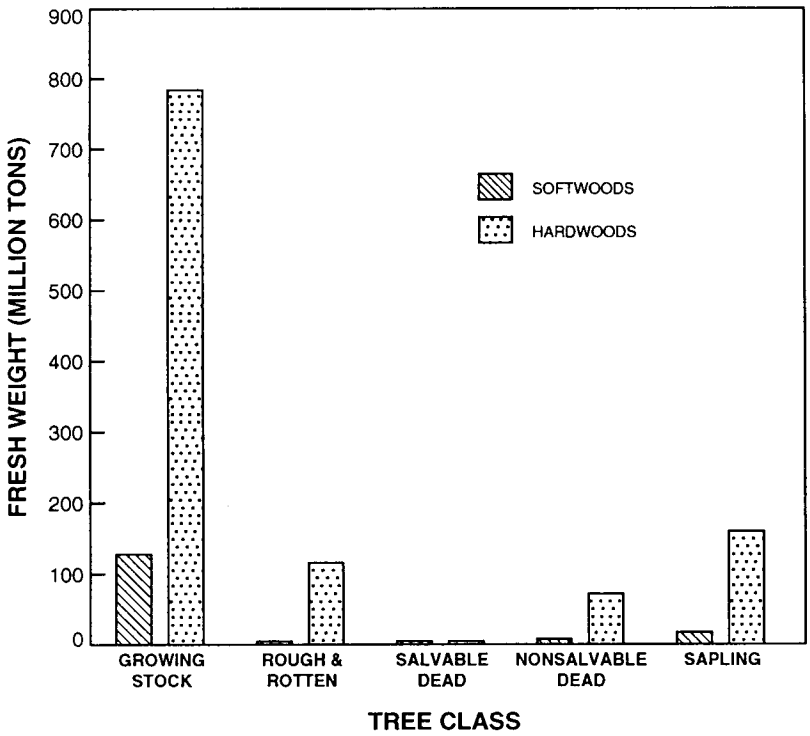

Figure 7.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by tree class, Tennessee, 1989.*

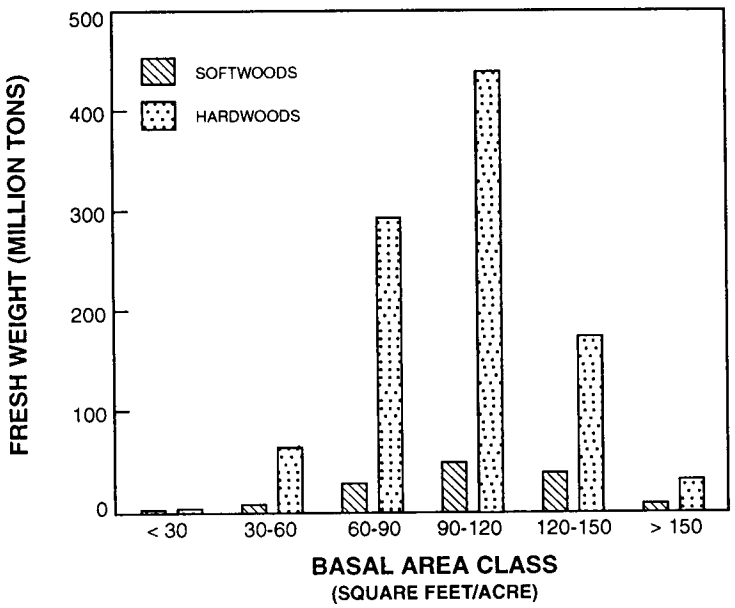

Figure 8.—*Wood and bark, fresh, live-tree biomass for softwoods and hardwoods, by basal area class, Tennessee, 1989.*

Rosson, James F., Jr. 1993. The woody biomass resource of Tennessee, 1989. Resour. Bull. SO-182. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 129 p.

Tabulates fresh and dry biomass estimates of major trees in Tennessee by forest type, ownership, species, stand basal area, tree class, diameter, and height. Information is presented for total tree, stem, and crown components.

Keywords: Forest inventory, forest land, green weight, large-scale sample, regional inventory.

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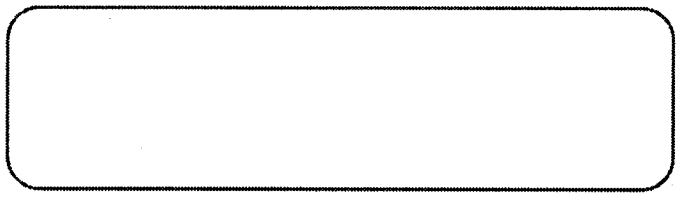
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