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Forest Resources of the United States, 2012:

**A Technical Document Supporting the Forest Service
Update of the 2010 RPA Assessment**

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Abstract

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Forest resource statistics from the 2010 Resources Planning Act (RPA) Assessment were updated to provide current information on the Nation's forests as a baseline for the 2015 national assessment. Resource tables present estimates of forest area, volume, mortality, growth, removals, and timber products output in various ways, such as by ownership, region, or State. Current resource data and trends are analyzed and placed within the context of changes since 1953. Additional analyses look at the resource from an ecological, health, and productivity perspective. An interactive RPA Data Wiz DVD is also included to provide user access to the resource data.

Keywords: Resources Planning Act (RPA), assessment, inventory, forest statistics, area, volume, productivity

NOTE: Changes in land classification in this report may impact analysis of forest trends. Current and historic timberland data are not affected. As the Forest Inventory and Analysis program strives to meet the current needs of users groups throughout the Nation, the program has begun moving toward an all-vegetation monitoring system, exclusive of agricultural lands. Land use classification has been realigned for this report with resultant changes in historic estimates of nontimber land. To accommodate this realignment, a new land use classification, woodland, has been added to RPA tables. The change, which affects predominately the Southwestern United States, is discussed in more detail in the section titled "Moving Toward a More Inclusive Monitoring System."

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Evolving Land Classification

“Our nation’s trees and forests preserve and protect the vitality of America’s clean air and water,” according to Thomas L. Tidwell, Chief of the Forest Service, an agency of the U.S. Department of Agriculture. *“In order to ensure the sustainability of America’s forests in the long term, land managers need to work across jurisdictions and land-use types, viewing forested landscapes as an integrated whole, both ecologically and socially. The data and analysis found in this report will help to contribute to the all-lands approach to resource management supported by the U.S. Forest Service.”* (USDA Forest Service 2011).

The national assessments of America’s forests before and following legislative mandates under the Forest and Rangeland Renewable Resources Planning Act (RPA) of 1974 have relied heavily on data from the Forest Service’s Forest Inventory and Analysis (FIA) program. An ongoing dialog between RPA and FIA has resulted in a more robust classification and reporting on the Nation’s forests over the decades. Until recently, the changes have been subtle as each new estimate came from an independent collection of consistent statewide inventories. A significant change found in this report is part of a story that began more than 100 years ago. Note that when the following excerpt was published in 1909, Alaska and Hawaii were not included.

“It is safe then to estimate that the original forests of the United States covered 850 million acres in addition there were probably 100 million acres of scrubby forest and brush land, chiefly in the West. . . .” (Kellogg 1909).

During the past century, these 100 million acres of scrubby vegetation Kellogg refers to has been the subject of much debate on appropriate classification. The debate has generally vacillated between forest and rangeland. The species involved (predominantly junipers, mesquite, and scrub oaks) tend to have a continuum of life forms ranging from tree to shrub. The point at which the transition occurs between tree and shrub in these species and, therefore, where the transition occurs from forest land to shrubland is a matter of great subjectivity. Even Kellogg could not quite bring himself to refer to this area as real forest; he used the terms “scrubby” and “brushland” to describe it and, perhaps more tellingly, did not include this area in his published tables of forest land.

The importance of these lands, however, is evidenced by the fact that the debate continues to this day over its classification. Just as important as its classification is whether to measure and report on the characteristics of these lands. The answer from the States from the Plains to the Rockies is a resounding, “yes,” for many good reasons. Perhaps the easiest answer is fire, because fire is very prominent in these arid regions, but also because these ecosystems are very fragile habitats that react to even minor disturbances. During FIA’s transition to an annualized inventory, which began more than 10 years ago, the States in the Intermountain West, South, and Southwest—most significantly, from an area perspective, Texas, New Mexico, and Arizona—have taken a leadership role in collecting field data on these lands to better understand and classify them.

Now, with more than 10 years of data to analyze and the FIA program moving toward an all-vegetation (excluding agriculture) monitoring system, this report will begin to refine the classification categories needed to report in a more consistent landscape manner. Thus, although the total area and volumes presented here are the same as those found in the FIA database (FIADB), some classification differences exist as this national assessment strives to provide a consistent interlocking landscape picture. To provide this picture, broader scale definitions are used and the relationship to current FIA definitions is noted in each case. The following discussion outlines the basic tenants for the classification of land for this report and those in the future.

Quantifying the Nation's Vital Forest Resource

Forests are invaluable to our Nation's well-being economically and ecologically. Forests provide innumerable benefits in the form of tangible products like sawtimber and pulpwood; nonwood forest products like mushrooms and berries; and intangible services such as aesthetics, carbon sequestration, wildlife habitat, recreation, and water quality improvement. Tracking this precious resource, therefore, is vital to our national security and the health of our Nation.

In recognition of the essential role forests play in the United States, Congress delivered a mandate for the assessment of the Nation's renewable resources through the Forest and Rangeland Renewable Resources Planning Act of 1974¹. The mandate calls for a comprehensive assessment of our Nation's forest resources every 10 years, with updates at 5-year intervals. Data presented in this document update the findings of the *Forest Resources of the United States, 2007* (Smith et al. 2009). For brevity and balance in presenting reporting periods in tabular outputs, RPA Assessment data for 1963, 1970, 1992, and 2002 have been omitted from this report. To provide a context for evaluating and interpreting changes in the forest resource, data for 1953, 1977, 1997, and 2007 are included. A forest-type map produced from satellite imagery displaying the area and location of forest land in the United States is available on the Internet at <http://www.nationalatlas.gov>. A digital video disk (DVD), provided in a pocket at the back of this publication, contains the data used for this report and an interactive computer tool (RPA Data Wiz) for accessing and displaying the data in tables and maps. A user's manual with tutorials is also provided on the DVD. More information and tools are available from the Forest Service FIA program at <http://www.fia.fs.fed.us/tools-data>.

Moving Toward a More Inclusive Monitoring System—A Departure From the Past

The 2008 revision of the Federal Geographic Data Committee (FGDC) vegetation classification standard brought a clear sense of increased stability and consistency in many of the classification criteria that would be used across Federal agencies. What has remained constant and is now the source of the adjustment in these statistics is the definition of a tree. This tree definition becomes increasingly important as FIA moves

toward landscape-scale classification of both land cover and land use to allow for discrete and consistent classification units for analysis. Compliance with the FGDC standard definition of a tree would realign portions of what FIA currently calls "forest" to a class called "woodland." This new class also returns chaparral to the RPA statistics as woodland. Chaparral was removed from RPA reporting in 1997 because it did not meet the minimum standards of forest land and was not recognized by the Society of American Foresters as a forest type (Eyre 1980). Future reports will begin to more fully populate and describe the woodland class and the urban treed land and other land with woody vegetation classes. Figure 1 depicts a sample of the areas classified as "forest" by FIA and reclassified as "woodland" for this report. Table 1 outlines the basic tenants for the classification of land for this report and those in the future.



Figure 1. Examples of areas currently classified as forest by FIA and reclassified by RPA as woodland.

¹ Public Law 93-378, 88 Stat. 475 (<http://www.fia.fs.fed.us/program-features/rpa>).

Classifying the vegetated landscape

Table 1. Land area classifications by cover thresholds, with land use examples.

Land area	Examples	Tree ^a cover threshold			
		≥10%	≥5% and <10%	≥1% and <5%	<1%
Land with natural or planted forest trees	forest, woodland (Includes: plantations, treed areas with augmented stocking, nonnative tree species. Excludes: fruit/nut orchards and groves)	Forest	Woodland	Other land with sparse natural or planted tree cover	Other vegetated land
Developed land	urban, suburban, residential, urban parks, industrial areas, farmsteads	Developed land with ≥10% tree cover	Developed land with <10% tree cover	Developed land with <10% tree cover	Developed land
Agriculture land	cropland, vineyards, berry bushes (Includes: fruit/nut orchards and groves)	Agriculture land with ≥10% tree cover	Agriculture land with <10% tree cover	Agriculture land with <10% tree cover	Agriculture land
Combined tree and shrub^b cover threshold (with <10% tree cover in all classes)					
		≥10%	≥5% and <10%	≥1% and <5%	<1%
Other naturally vegetated land	shrublands, chaparral, grasslands, and areas covered with lichens or bryophytes	Woodland	Woodland	Other vegetated land	Other vegetated land

^a Trees are woody plants with a more or less central stem capable of achieving a height of 16.4 feet (5 meters) at maturity in situ.

^b Shrubs are woody plants achieving a height of 1.6 to 16.4 feet (0.5 to 5 meters) at maturity in situ. This category includes all woody vines.

It is important to note that this classification change of some FIA forest areas to woodland for this report does not affect current or historic timberland area or volume statistics. In general, it affects wooded areas of small stature vegetation in the arid regions of the Southwestern United States as shown in figure 2 (predominantly portions of west Texas, New Mexico, Arizona, Nevada, Utah, and southern Colorado) that does not have the potential of achieving an average of 16.4 feet height in situ at maturity.

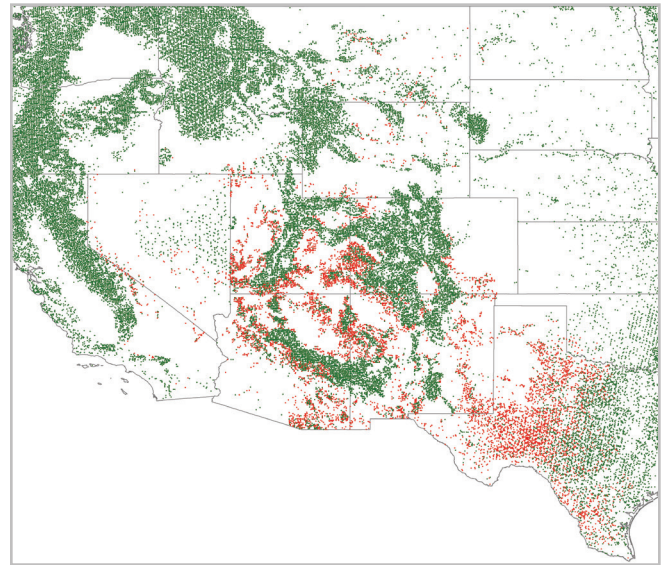


Figure 2. Primary location area currently defined as forest by FIA and classified as woodland in this report (shown in red).

Forest Area Climbs to 766 Million Acres

In the Nation's early history, forests were abundant throughout the Eastern United States, in the mountainous regions of the Interior and Coastal West, in Hawaii, and in the nonpolar regions of Alaska. Today, the forests of the United States cover 766 million acres, are split almost evenly east and west of the Central Plain (55 and 45 percent, respectively), and contain more than 800 species of trees of which 82 are nonnative. About one-third of the pre-European settlement forest has been cleared, primarily for agriculture during the 19th century. Although significant regional changes have occurred in the United States, the total area of forest land has been fairly stable for nearly 100 years.

A forest-type map based on types described by Eyre (1980) was produced from satellite imagery and is available to display the spatial extent and location of forest land in the United States. This map is available online at <http://www.nationalatlas.gov/fortypem.html>, and further information about the mapping process is available in Zhu and Evans (1992).

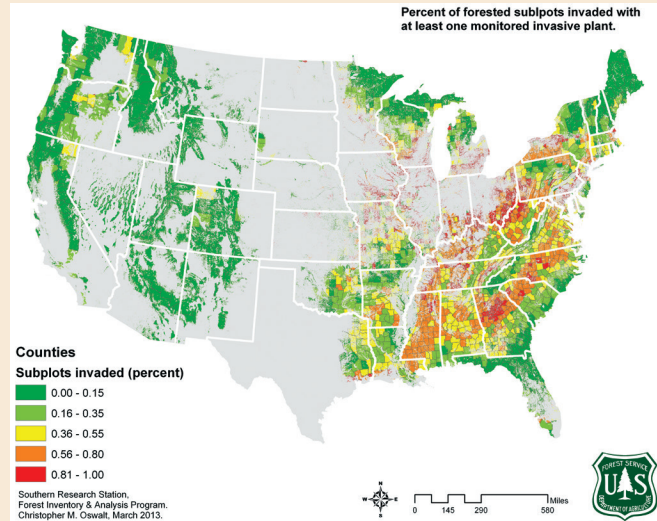
For this report, the United States is divided into four major regions: North, South, Rocky Mountain, and Pacific Coast. These major regions are divided into subregions for further geographic reference. Because of a lack of historic field data, Alaska is frequently considered a separate region.

Southern Nonnative Invasive Plant Species Program

Nonnative invasive plant species (NNIPS) are threats to United State forests through the displacement of native species (Mooney and Cleland 2001), the alteration of soil physical and chemical properties (Bruce et al. 1995; Jose et al. 2002), and the disruption of successional pathways (Oswalt et al. 2007) among other potential impacts (Gordon 1998; Jose et al. 2002). Environmental impacts coupled with attempts to control and/or eradicate NNIPS are costly, as exemplified by the estimated \$3 to \$6 million spent annually by the State of Florida to manage the highly invasive *Melaleuca* (*Melaleuca quinquenervia*) (Pimentel et al. 2005). Because of the environmental and ecological burdens posed by these species, NNIPS inventory and monitoring are considered priorities in many parts of the United States.

NNIPS can be found invading forests across all of the United States. Eastern U.S. forests, however, currently exhibit high levels of NNIP occupancy. Major U.S. travel corridors and areas of considerable forest fragmentation that are often coupled with the large human population in the eastern United States can be important drivers of NNIP distributions. Travel corridors are known to play a profound role in the spread and growth of invasive plants. That fact is evident in this map (sidebar fig. 1) as many major U.S. interstate highways are apparent. For example,

the Interstate-85 corridor from Virginia to Alabama is an area of intense invasive plant abundance. When forests are divided into smaller and smaller parcels (fragmented), the biological diversity of native animals and plants is diminished, water cycles are altered, and often NNIPs are introduced. This fragmentation could help explain the high degree of plant invasions in the heavily agriculture-dominated landscapes of the mid-South and Midwest United States.



Sidebar Figure 1. Percent of forested FIA subplots in the conterminous United States that are invaded by at least one monitored invasive plant.

Forest and Woodland Comprise 818.8 Million Acres

The area of forest and woodland in 2012 in the United States was 818.8 million acres. This area includes 766.2 million acres of forest (RPA definition) and 52.6 million acres of land that contains tree species with an average stature limited to less than 16.4 feet (5 meters) in height at maturity. Although this latter category is still classified as forest by the FIA program, it does not meet the current international or FGDC criterion for such classification (see discussion in previous section).

After FIA began annualized inventories in 2000, new data were collected to improve forest classification. It took several years to acquire sufficient data to evaluate the classifications, with a target of reporting changes in this 2012 update of the RPA Assessment statistics. The new data continued to include measures of potential tree height (which has been a national standard in FIA field guidance since 1967) and added measures of crown cover on FIA sample plots. Both of these are critical elements for improving classification, thus allowing FIA to standardize the definition of “forest” to meet the reporting needs of a broad domestic and international client base and better positioning FIA data for use in validating new remote-sensing products.

For national and international reporting, trees must be able to reach a minimum height at maturity in situ (in general, 16.4 feet) to be considered forest trees and thus be classified forest land. The previous height standard for FIA was 4 meters. The current monitoring guidance in the United States does not contain the in situ caveat in its height specification to be forest trees. The lack of an in situ requirement allows for the interpretation that if a species is a tree species and reaches the minimum height normally within its range, then it is a tree throughout its range and the height criterion no longer applies at the point of sampling. For example, black spruce (*Picea mariana*) easily reaches the average height of 16.4 feet within its natural range in the United States; therefore, even black spruce that cannot achieve this height due to environmental extremes in northern Alaska is still a forest tree and can be used to classify those areas as forest.

The varying potential interpretations necessitate that users wishing to obtain what FIA would call forest combine the area of “forest and woodland.” This latter lexicon provides the user with the FIA forest total without ambiguity with the international forest total.

Appendix table 1a shows the breakout of the entire land base by major class, and appendix table 1b shows the breakout for forest and woodland. The totals in appendix table 1b are areas currently classified as “forest” in the FIADB. If the user wishes to use this total for forest and the column labeled “woodland” included, it should be properly referred to as “forest and woodland” (table 2). In this report, “forest land” is used in the context of the international definition, and “timberland” follows the FIA definition, which is compatible with international standards.

Forest Biomes and Assessment Regions

The forests of the United States are diverse in type, stature, and function according to the climates and topographies they inhabit. The forests of the humid Appalachian Mountains are spectacular in diversity and productivity, and the redwood forests of the Pacific Coast tower over the landscape in an awe-inspiring display of nature. From coast to coast and from island to island, the unique character of each ecoclimatic zone is portrayed spectacularly through its forests (fig. 3).

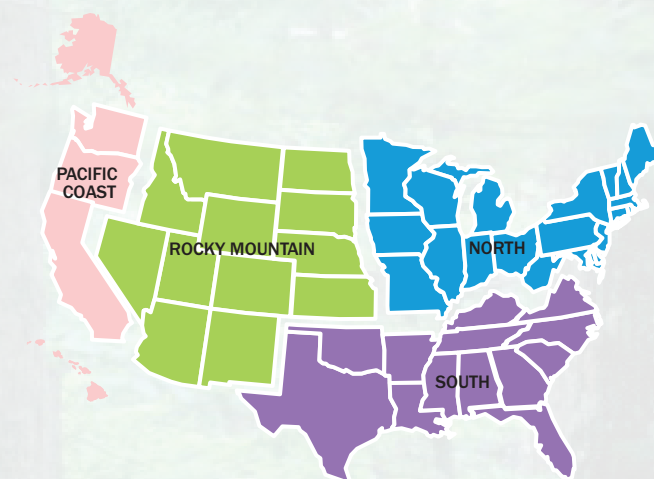


Figure 3. Major ecoclimatic zones and assessment regions of the United States.

Table 2. Example of regional totals with “forest” and “woodland” combined to produce a total estimate, as in appendix table 1b.

Region	Total forest and woodland	Forest land				Woodland
		Total forest	Timberland	Reserved	Other	
<i>Thousand acres</i>						
North	175,575	175,575	167,378	6,544	1,653	0
South	267,214	244,716	210,048	3,650	31,018	22,498
Rocky Mountain	160,842	131,338	71,023	17,488	42,827	29,504
Pacific Coast	215,182	214,604	72,705	45,838	96,061	578
U.S. Total	818,814	766,234	521,154	73,520	171,560	52,580

The Nation's forests are concentrated predominately in the South and Northeast, the Lake States, the Rocky Mountains, and Alaska. Alaska has the largest absolute forest land area, but Maine and New Hampshire have the largest proportions of forest compared with their total land areas (fig. 4). North Dakota and Nebraska have the smallest proportions of forest land to total land areas, but Rhode Island and Delaware have the least absolute forest land acreage, owing to their small overall sizes.

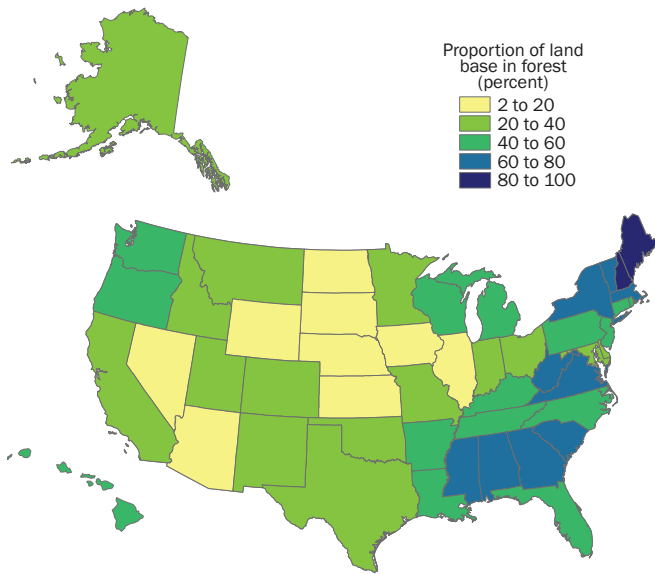
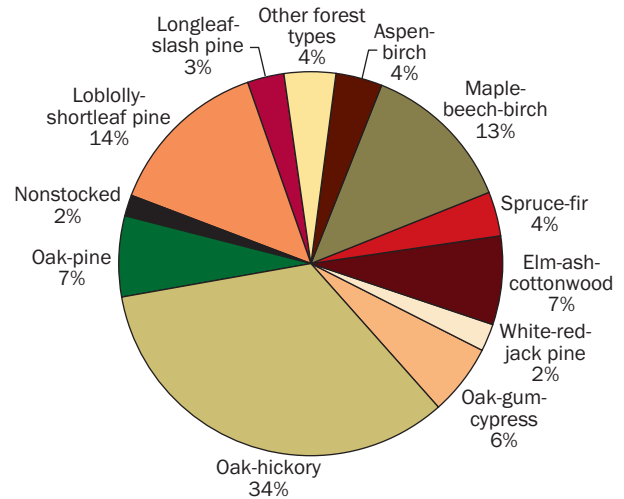


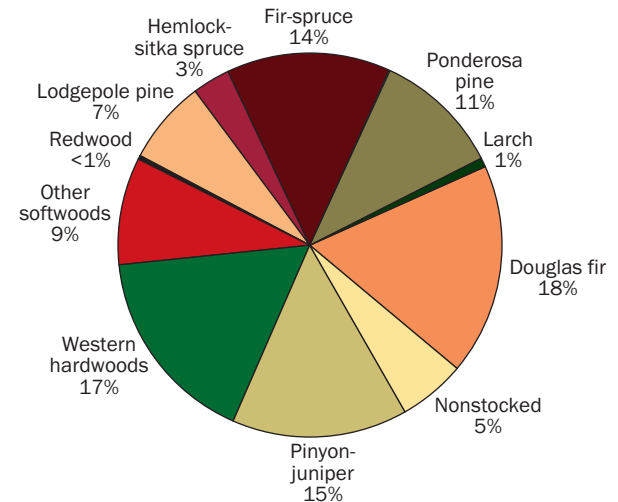
Figure 4. Percent of total land area that is forested, by State.

In the conterminous Eastern States, oak/hickory (*Quercus/Carya*) forests constitute the largest forest-type group (34 percent of forest land area), followed by the pine forests of the Deep South and the mixed maple/beech/birch (*Acer/Fagus/Betula*) forests of the North (fig. 5a). In the conterminous Western United States, Douglas fir (*Pseudotsuga menziesii*) forests occupy the largest proportion of land area (18 percent), followed by mixed western hardwoods and pinyon/juniper *Pinus edulis/Juniperus*) forests (17 and 15 percent, respectively; fig. 5b). Alaska's extensive boreal forests are dominated by mixed western softwoods and fir/spruce (*Abies/Picea*; 45 and 34 percent, respectively; fig. 5c).

(a) East



(b) West



(c) Alaska

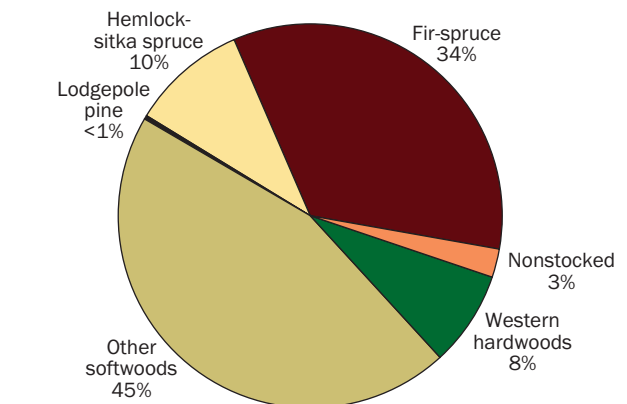


Figure 5. Proportion of forest land by forest-type group and region: (a) East, (b) West, and (c) Alaska.

Forest Area Continues To Expand

The 2007 RPA reported increases in forest area nationwide. The most recent data available show a continuation of this upward trend across the country on both forest land and timberland. Eight States experienced a change of less than 1 percent (plus or minus) in forest land area from 2007 to 2012 (fig. 6). Gains of 1 percent or more were recorded in 28 States with the Plains States seeing the highest relative gains; however, those States tend to have relatively little forest area proportional to the size of the State, so small absolute gains appear as large percent gains (refer to figure 4). Between 2007 and 2012, 14 States experienced losses of 1 percent or more in forest land area, with Delaware experiencing the largest negative change. Delaware is also one of the smallest States in the Union, however, with very little forest area, so the total actual loss was equivalent to only 43,325 acres. Regionwide changes were within 1 percent of 2007 forest area estimates, with the exception of the Northern States, which had a 2-percent change. Overall, the Nation's forests increased by roughly 7 million acres, or 1 percent of 2007 estimates (table 3).

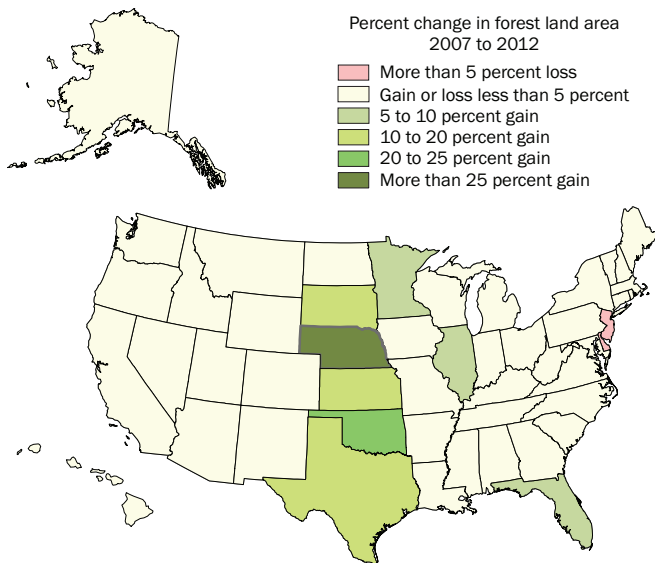


Figure 6. Percent change in area by State, 2007 through 2012.

Table 3. Forest land and timberland area in the United States by region and year, 2007 and 2012.

Region	2007		2012	
	Forest	Timberland	Forest	Timberland
Acres				
North	172	164	176	167
South	235	204	245	210
Rocky Mountain	131	71	132	71
Pacific Coast	214	75	215	73
Total	752	514	766	521

Forest Ownership

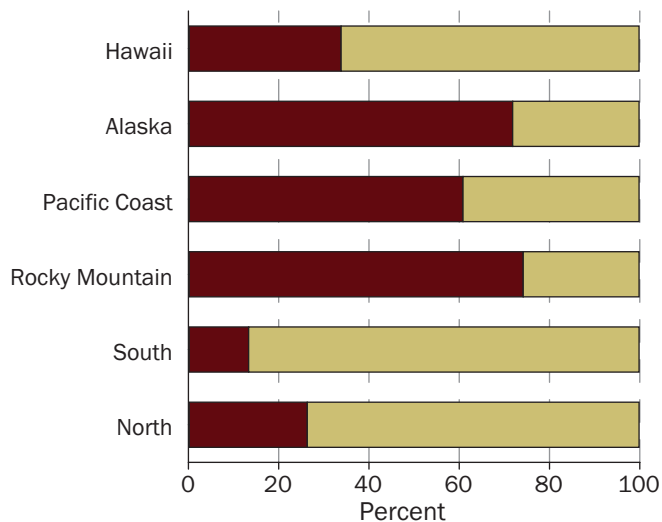
The 766 million acres of forest land across the United States are owned by a diversity of private and public entities. Most forest land (58 percent) is privately owned, that is, owned by individuals, families, Native American tribes, partnerships, corporations, nongovernment organizations, and other private groups. The other 42 percent of the forest land is controlled by Federal, State, and local governments. Ownership patterns vary substantially across the country (fig. 7) with private ownerships dominating in the North and South (74 and 87 percent of the forest land, respectively) and public ownerships dominating in the Rocky Mountains (74 percent) and along the Pacific Coast, including Alaska and Hawaii (67 percent).

The United States has an estimated 11 million private forest landowners. Although 61 percent of private forest landowners own fewer than 10 acres of forest land, most (67 percent) private forest land is in holdings of at least 100 acres, and 22 percent is in holdings of at least 10,000 acres and is owned by less than 1 percent of owners—primarily owned by corporations or investment organizations and primarily managed for commercial purposes.

Private forests provide more than 90 percent of the Nation's wood and paper products. By contrast, national forests provide less than 2 percent of our wood and paper products today. In general, these private forests are more productive than comparable publicly owned forests. Private forests tend to be located on higher quality sites and have annual growth

potentials that are, on average, 17 percent higher than the growth potential on public forests. Further, private forests are achieving 56 percent of their potential annual growth compared with only 28 percent for public forests. Private forests provide more than 90 percent of the Nation’s wood and paper products. Overall, private forest owners control 56 million acres of planted forests—mostly pine, spruce, and fir.

The reasons for owning forest land vary as much as the legal structures by which they are held. Within the biophysical and social constraints, these reasons, along with the knowledge and resources of the ownerships, determine if and how the forests will be managed. For many family forest ownerships, it is the aesthetics and privacy that are most important. For many corporate owners, profit generation is the primary motivating factor. For many public ownerships, the lands are managed for multiple resources. The owners provide the link between forests and society.



	North	South	Rocky Mountain	Pacific Coast	Alaska	Hawaii
<i>million acres</i>						
Public	46.5	32.7	97.5	51.4	92.5	0.6
Private	129.1	212.0	33.8	32.9	36.1	1.2

Figure 7. Forest ownership patterns by region, 2012.

The Forest Service’s National Woodland Owner Survey

In recognition of the importance of forest owners and to complement its biophysical inventory, the Forest Service, Forest Inventory and Analysis program conducts the National Woodland Owner Survey (NWOS). The NWOS is charged with quantifying how many people own forest land, why they own it, how they have used it in the past, and how they intend to use it in the future. Approximately 6,000 randomly selected forest landowners from across the United States are asked to participate in the annual NWOS. This representative sample provides the means for answering the goals of the NWOS. Eight sections of the survey ask questions related to the landowner’s woodland characteristics, uses, and intentions for future use, and it collects demographic information and concerns related to forestry.

The information that the NWOS provides informs dialog among forest landowners, land managers, and the rest of society. In addition, the information contained in the NWOS informs government agencies and politicians so they are able to design and implement programs and allocate funding that meet the diverse needs of forest landowners nationally. Additional information, data, frequently asked questions, and survey questionnaires are available online at <http://www.fia.fs.fed.us/nwos>.

Urban Forest and the Urban Continuum

About 3 percent of the conterminous United States is classified as “urban” by the census bureau. Photo-interpretation suggests that trees cover about 35 percent of this area. According to recent Forest Service reports, close to 80 percent of the U.S. population lives in urban areas and depends on the essential ecological, economic, and social benefits provided by urban trees and forests (Nowak and Greenfield 2012). The economic value of the structural component of urban forests is estimated at 2.4 trillion dollars, which represents only a fraction of the actual value (Nowak and Greenfield 2012).

In Colorado, recent unpublished FIA pilot studies estimated gambel oak (*Quercus gambelii*) to be the most common tree species in urban forests, accounting for a total of 43.8 million trees or 47 percent of all trees in urban forests. No gambel oak trees were sampled in maintained areas, however. The most common tree species in maintained Colorado urban forests were common chokecherry (*Prunus virginiana*), quaking aspen (*Populus tremuloides*), black poplar (*Populus nigra*), and Engelmann spruce (*Picea engelmannii*). Across all forest land in Colorado, gambel oak was the most common tree, accounting for 35 percent of all trees 1 inch diameter at breast height and greater. While gamble oak was most common across both all forests and urban forests, species such as common chokecherry and black poplar were not common across all forests. As a result, urban forests in this case increase tree species diversity across the State.

In Tennessee, the most common tree species across all forest land was red maple (*Acer rubrum*), and the most dominant tree (based on total basal area) was yellow-poplar (*Liriodendron tulipifera*; Nowak and others 2011). Overall, 9.4 percent of the trees (26.5 million) were classified as growing in maintained areas; that is, areas regularly affected by mowing, weeding, herbicides, etc., such as lawns, rights-of-way, and parks. Land uses with the highest proportion of trees in maintained areas were agriculture, residential, and commercial-industrial. Species with the highest proportion of its population in maintained areas were eastern white pine (*Pinus strobus*), pecan (*Carya illinoensis*), and silver maple (*Acer saccharinum*; table 4). Of the maintained tree population, the most common species were flowering dogwood (*Cornus florida*; 18.9 percent), hackberry (*Celtis laevigata*; 18.6 percent), and Chinese privet (*Ligustrum sinense*; 12.2 percent (table 5). Trees in maintained areas have a higher proportion of larger diameter trees than trees in nonmaintained areas (fig. 8).

Table 4. Percent of trees growing in maintained areas by land use, Tennessee, 2005 to 2009.

Land use	Trees
	Percent
Agriculture	30.7
Residential	30.0
Commercial/industrial	21.8
Transportation	16.3
Other urban	10.7
Forest	0.0
Total	9.4

Source: Nowak and others 2011.

Table 5. Percent of trees in maintained areas (minimum sample size = 10) by species, Tennessee, 2005 to 2009.

Species	Trees	Species	Trees
	Percent		Percent
Eastern white pine	77.2	Sugarberry	4.0
Pecan	67.5	Eastern redcedar	3.9
Silver maple	54.9	Black oak	3.8
Callery pear	41.5	Yellow-poplar	3.1
Other species	41.2	Amur honeysuckle	3.1
Flowering dogwood	35.4	Sweetgum	2.2
Baldcypress	33.8	Black locust	2.1
Hackberry	33.5	Common persimmon	1.6
Water oak	23.6	Virginia pine	1.5
Cherrybark oak	20.8	Tree-of-heaven	1.5
Black walnut	17.0	American elm	1.3
Northern red oak	13.3	Sourwood	1.1
Chinese privet	10.9	Black cherry	0.9
Boxelder	10.5	Black tupelo	0.6
Eastern redbud	9.8	Chestnut oak	0.0
Sycamore	9.2	Winged elm	0.0
Post oak	9.1	Sassafras	0.0
White ash	9.1	Pignut hickory	0.0
Loblolly pine	7.5	Green ash	0.0
Chinkapin oak	7.1	Mockernut hickory	0.0
Shortleaf pine	6.2	American beech	0.0
Sugar maple	5.3	Shagbark hickory	0.0
White oak	5.0	Osage orange	0.0
Red maple	4.9	Slippery elm	0.0
Southern red oak	4.6	Bitternut hickory	0.0
Mimosa	4.2		

Source: Nowak and others 2011.

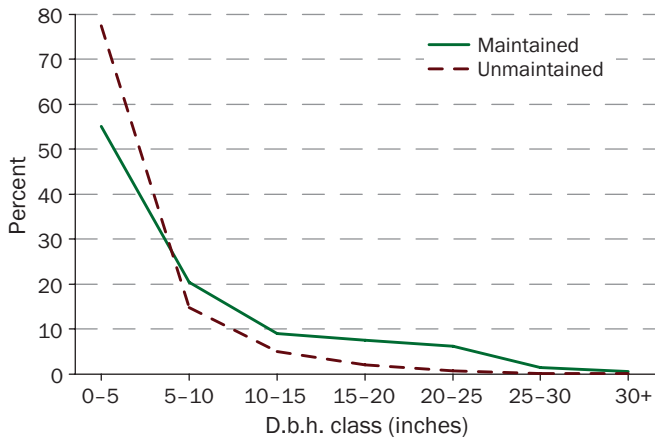


Figure 8. Diameter distribution of trees in maintained and unmaintained areas, Tennessee.

Reserved Forest Land Is Concentrated in the West and Alaska

Most (68 percent) of U.S. forest land (including Alaska and Hawaii) is classified as available for timber production and defined as timberland. In other words, those forests are capable of producing 20 cubic feet per acre of industrial wood annually and are not legally reserved from timber harvest. The remainder comprises low-productivity forest and forest land that are legally reserved from timber harvest.

Alaska is home to most of the reserved forest, with 46 percent of all reserved forest land in the Nation (fig. 9). In total, 26 percent of Alaska's forests are classified as reserved—a reflection of the public forest ownership in the State (fig. 9). The forests of the Intermountain West comprise the next largest proportion of reserved land, with 24 percent of the Nation's total, or 14 percent of Intermountain West forest land classified as withdrawn from timber use. Although the Pacific Southwest (including Hawaii) accounts for only 8 percent of the Nation's total reserved forest land, 17 percent of the forests in that subregion are classified as reserved.

In contrast to the reserved lands of Alaska, the Intermountain West, and the Pacific Coast, forests in the Southern and Northern United States combined account for only 14 percent of the reserved forests in the Nation (fig. 9). In fact, less than 1 percent of the forest land in the South Central subregion is classified as reserved, reflecting the private ownership of most forest land across the South (fig. 10).

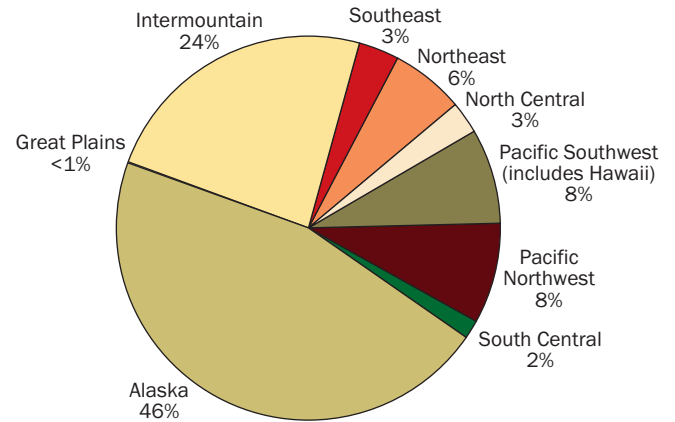


Figure 9. Proportion of total U.S. forest land in reserved status by subregion, 2012.

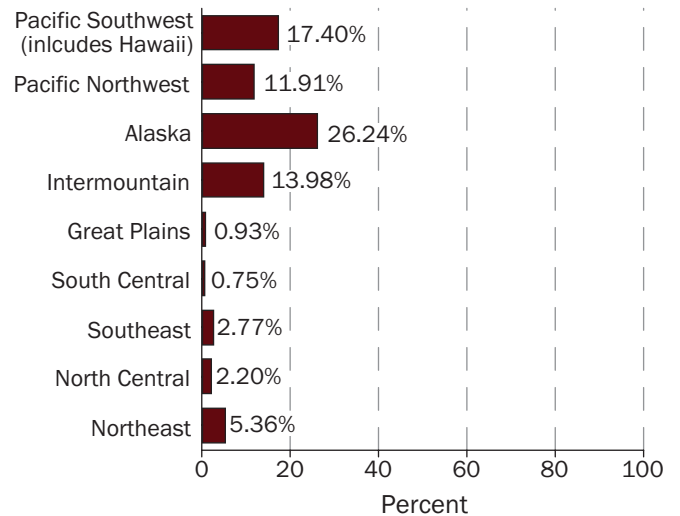


Figure 10. Proportion of forest land in each subregion that is classified as reserved, by subregion, 2012.

Atlas of the United States Forests

The United States has a tremendous forest resource—more than 800 million acres of native and planted forests managed by public and private landowners for forest products, recreation, wilderness, wildlife habitat, and many other purposes. During the past 150 years, basic surveys of U.S. forests have evolved into a rigorous inventory program that we can use to share information about the value of these forests and the challenges that confront them. In the *Forest Atlas of the United States*, we explore the following questions and many more:

- Where do forests grow and why?
- What disturbances affect forests?
- How do people benefit from forests?
- How might U.S. forests respond to changing climates?
- What wildlife depends on forests for habitat?
- How might people affect the future of forests?

The first edition of the *Forest Atlas of the United States* will be printed in 2015.

FOREST ATLAS OF THE UNITED STATES

The United States has a tremendous forest resource—more than 750 million acres of native and planted forests managed by public and private landowners for forest products, recreation, wilderness, wildlife habitat, and many other purposes. Over the past 150 years, basic surveys of United States forests have evolved into a rigorous inventory program that are used to share information about the value of these forests and the challenges that confront them. More recent technological and methodological advancements make it possible to create spatial products (maps) from the inventory data and other spatial data, such as digital elevation models and satellite imagery. The Forest Atlas of the United States uses these maps to highlight the value of our nation's forest in a highly graphic and novel manner. In the Forest Atlas of the United States, we explore these questions and many more: Where do forests grow? What else lives in forests? What shapes forests? What benefits do forests provide? What is in the future for our forests?

This project represents a strategic partnership between several different parts of the Forest Service, integrating FIA inventory data with remote sensing and GIS applications. Here we provide a sample of the content which will be included in the forthcoming atlas and highlight the use of maps, graphics, accessible text, and images to communicate forest monitoring information with the public.

CONSULTATION
 VISION: goals, message, audience
 EXECUTIVE LEADERSHIP
 PROJECT MANAGER
 CREATIVE BRIEF
 TEAM: GRAPHIC DESIGNERS, TECHNICAL LEADS, EDITORS

EXPLORATION
 analysis, strategy, evaluation
 HISTORY: tracking spreadsheet
 OUTLINE: GROWS, LIVES, SHAPES, FEATURES, BENEFITS, CONCEPTS, REFERENCES
 RESEARCH: collaborating, content development, resourcing, photos
 STORYBOARD: layout, roughs, FPO (not position only)

PRODUCTION
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 MECHANICALS: content collection, press ready, preflight, color correction, illustration, color games, style guides
 TEMPLATES: photo search / call for submissions

DELIVERY
 MAPPING TOOLS
 ONLINE: WWW.GP, DATA DISTRIBUTION
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Timberland Area Still on the Rise

The area of forest classified as timberland has risen 1 percent since 2007, a continuation of the upward trend noted in the last report, although the characteristics of timberland are changing. Nevada and Alaska have the lowest proportions of forest land area classified as timberland, at 4 and 9 percent, respectively, but nearly 100 percent of the forest land in Alabama and Mississippi is classified as timberland.

Since the 1950s in the North and South, the proportion of timberland area occupied by sawtimber-sized trees has increased consistently, but the proportional area occupied by poletimber, seedlings, and saplings has been a slow but steady decline (figs. 11a and 11b). This structural change has been a source of concern for many wildlife professionals interested

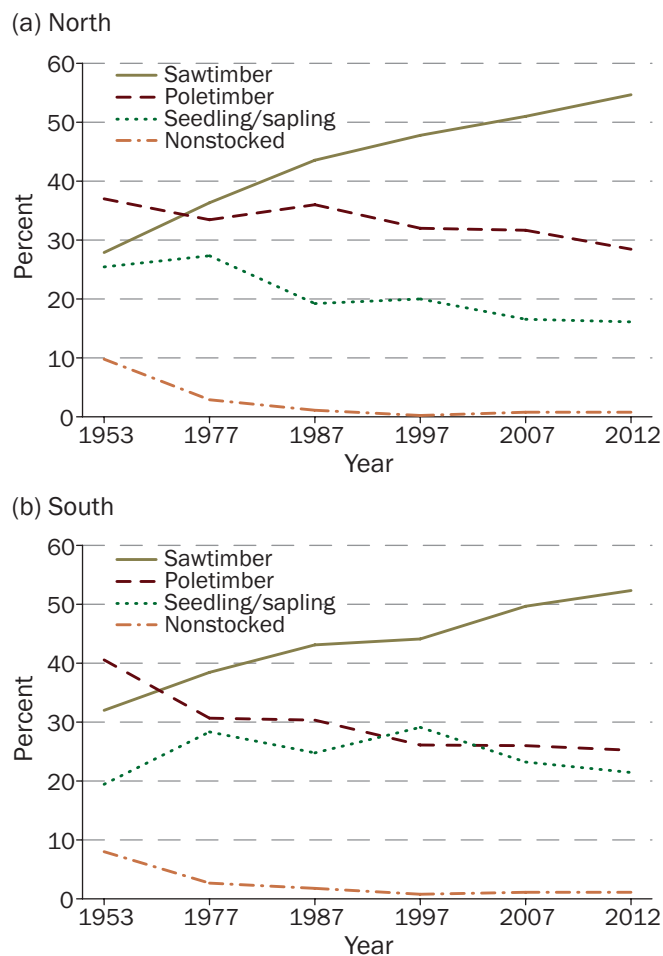


Figure 11. Proportion of timberland in each stand-size class by year, (a) North and (b) South.

in the fate of species that depend upon early-successional stands. By comparison, West and Pacific Coast forests do not follow specific trajectories (figs. 12a and 12b). In the Rocky Mountain region, the proportional sawtimber component increased through the 1970s, then began to decline slowly, whereas seedling/sapling area has increased slowly. Pacific Coast forests, including those in Hawaii and Alaska, have remained proportionally similar since the 1960s.

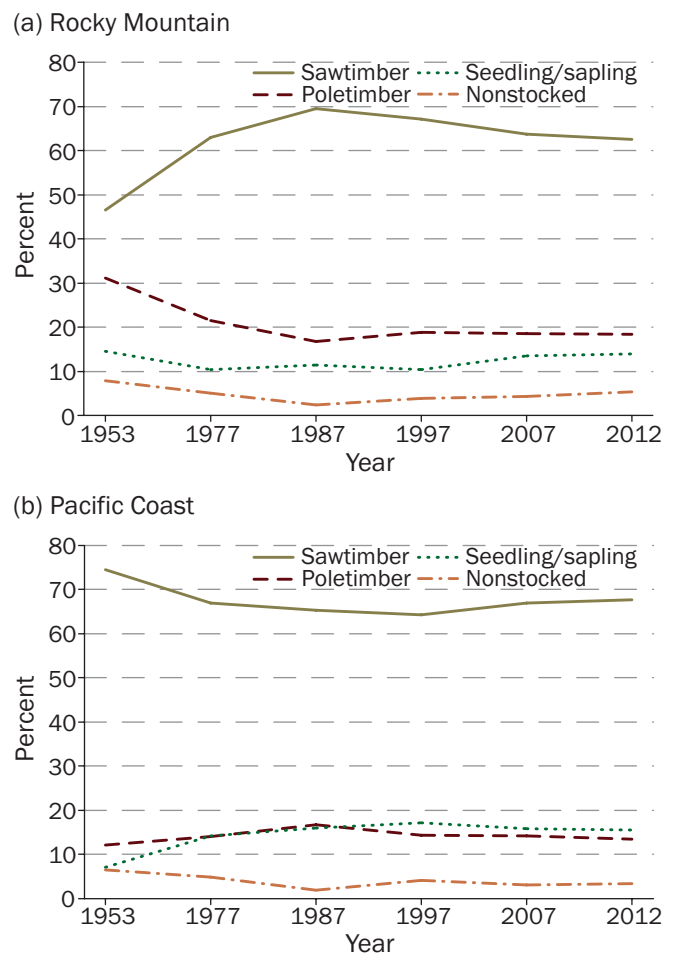


Figure 12. Proportion of timberland in each stand-size class by year, (a) Rocky Mountain and (b) Pacific Coast.

Planted Timberland Highest in South and West

Most forest land in the United States regenerates naturally. Only 9 percent of total forest land (13 percent of timberland) in the United States is planted, an area that has increased about 4 percent since 2007. Together, the Southeast and South Central subregions account for 72 percent of planted timberland in the Nation (fig. 13). Proportional to the subregions' respective land area, 25 percent of timberland in the Southeast, 20 percent of timberland in the South Central, and 25 percent of timberland in the Pacific Northwest is planted (fig. 14).

The ownership of planted forests differs markedly by region. Of planted forest land (timberland and reserved land), 94 percent is privately owned in the South, predominately by corporate interests (fig. 15a). By contrast, 62 percent of planted forest land in the North is privately owned, predominately by noncorporate interests (fig. 15b). In the Rocky Mountain region, 60 percent of planted forest land is publicly owned, predominately by the National Forest System (fig. 15c). On the Pacific Coast, 60 percent of planted forest land is privately owned, primarily by corporate interests (fig. 15d).

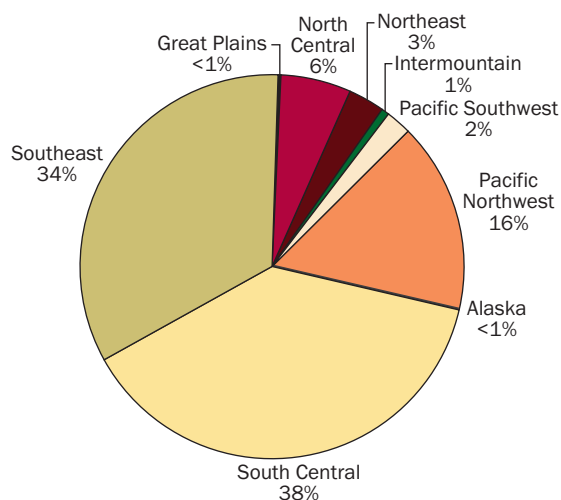


Figure 13. Proportion of timberland that is planted in the United States by subregion, 2012.

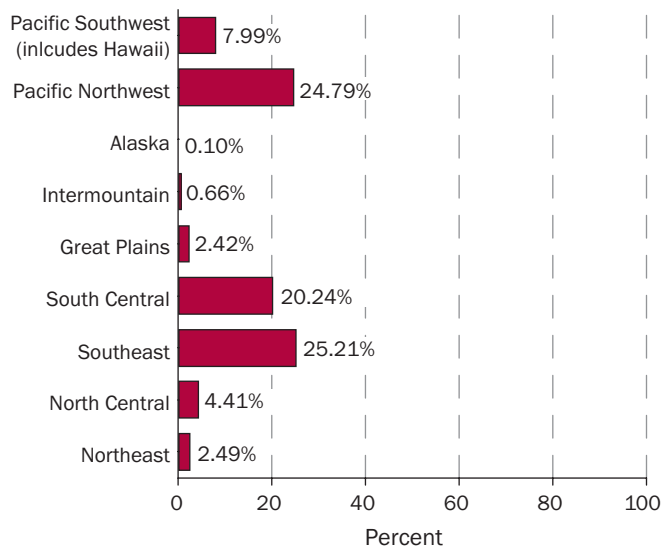


Figure 14. Proportion of timberland in each subregion that was planted, 2012.

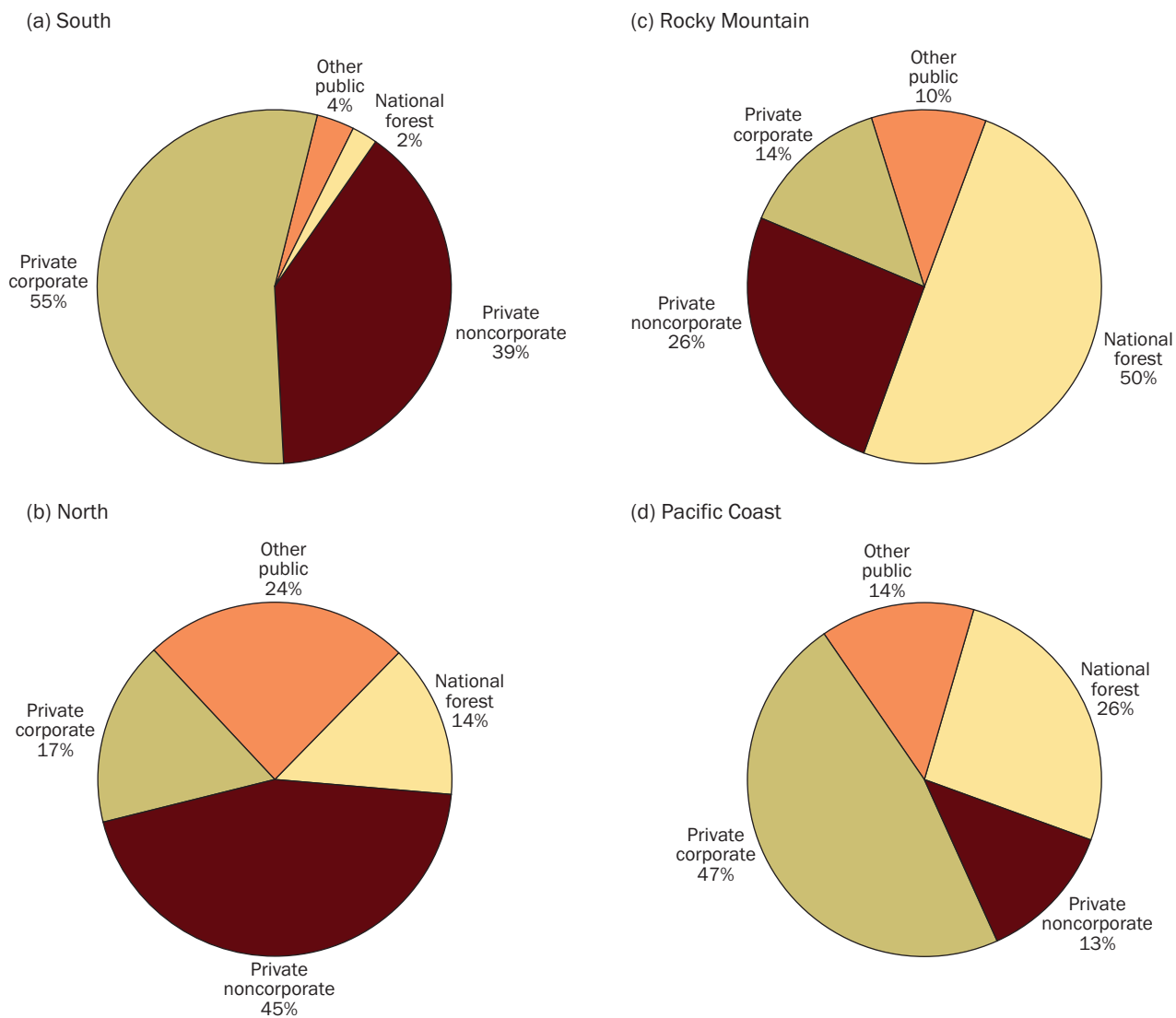


Figure 15. Ownership of planted forest land by assessment region: (a) South, (b) North, (c) Rocky Mountain, and (d) Pacific Coast.

Softwood Growing-Stock Volume Continues To Increase

Total timberland volume continues to exceed 1 trillion cubic feet. Nationwide, softwood growing stock has experienced a modest increase since 2007 from 529 to 548 billion cubic feet (about 3 percent), but was tempered by losses due to fire.

The North and South are home to 61 percent of the Nation’s timberland volume. In both those regions, hardwoods comprise most of the timber volume. Conversely, in the Rocky Mountains and Pacific Coast (including Alaska and Hawaii), softwoods comprise most timber volume (fig. 16).

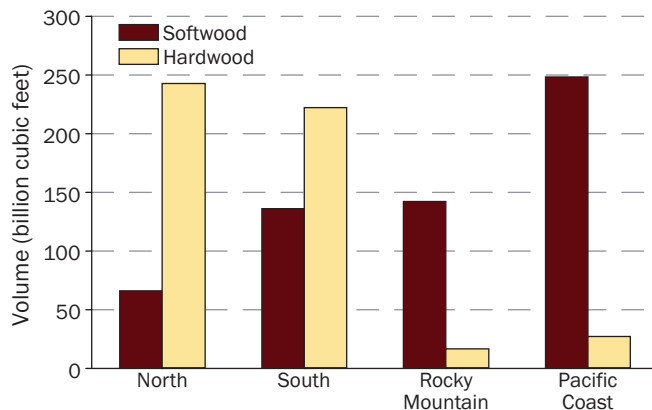


Figure 16. Total volume on timberland by region and major species group, 2012.

Of softwood volume in the South, 71 percent is contained in the loblolly/shortleaf (*P. taeda*/*P. echinata*) species group, 13 percent in longleaf/slash (*P. palustris*/*P. Elliottii*), 6 percent in the cypress (*Taxodium* spp.) species group, and 5 percent in mixed/other yellow pines (fig. 17). By contrast, hardwood volume is distributed among various species groups rather than dominated by any one. Mixed red oaks (*Quercus* spp.), yellow poplar, mixed select white oaks, and sweetgum (*Liquidambar styraciflua*) contain the largest proportions of volume (fig. 18).

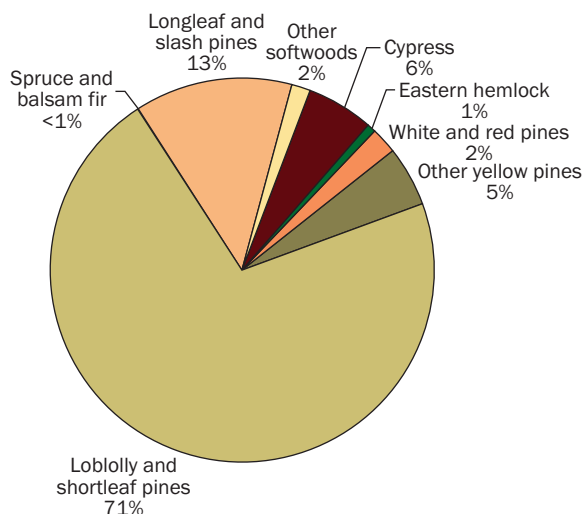


Figure 17. Proportion of softwood growing stock by species group in the South, 2012.

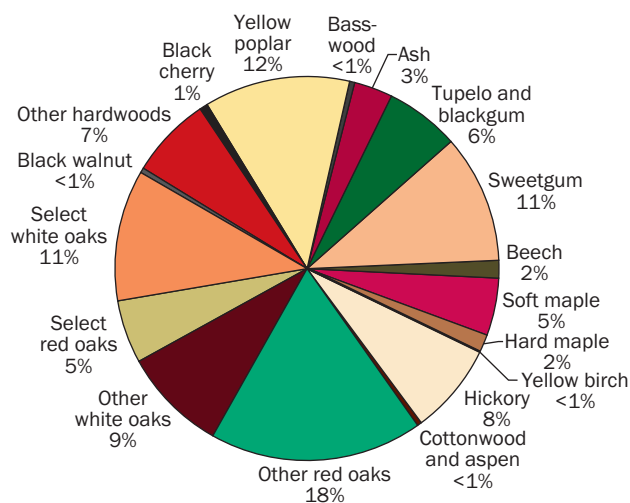


Figure 18. Proportion of hardwood growing-stock volume by species group in the South, 2012.

RPA Tree-Level Database and RPA Data Wiz

The RPA Tree-Level Database (RPAtreeDB) supports the reporting of current area, tree biomass, and volume estimates for the 48 conterminous States and the southeastern area of Alaska. Biomass and volume estimates can be reported by tree attributes, such as species and diameter class, because individual tree records are contained in the RPAtreeDB. The RPAtreeDB is available as a Microsoft® Access 2010 database on the DVD located on the back cover of this publication.

The RPA Data Wiz program will also be available on the DVD. The RPA Data Wiz is a computer application used to create summary tables, graphs, and maps of RPA Assessment forest information (English or metric units). Volumes for growing stock, live cull, dead salvable, net growth, and mortality can be estimated. Acreage, biomass, and tree count estimates are also available. The Data Wiz can produce reports for all 50 States. Biomass and volume estimates cannot be reported by tree attributes because individual tree information is not contained in the plot summary database used by this program.

In the North, 36 percent of softwood volume is contained in the mixed white and red pine species groups, followed by spruce, balsam fir, and eastern hemlock (*Tsuga canadensis*; fig. 19). As with the Southern United States, no single species group dominates hardwood volumes in the North. Soft maples constitute the largest proportion of volume, at 16 percent, followed by hard maple (12 percent) and mixed select red oaks (9 percent; fig. 20).

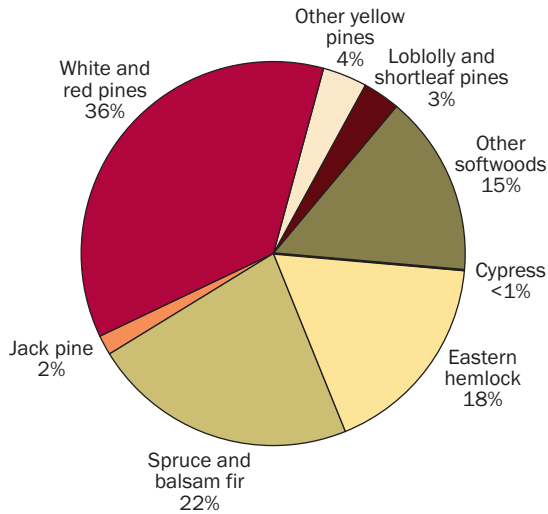


Figure 19. Proportion of softwood growing-stock volume by species group in the North, 2012.

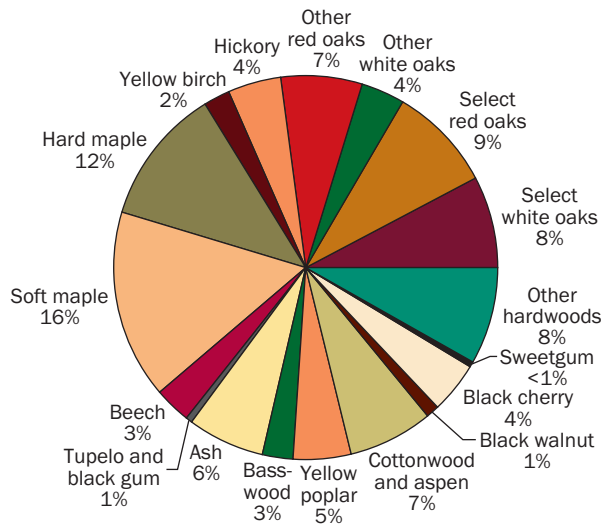


Figure 20. Proportion of hardwood growing-stock volume by species group in the North, 2012.

Softwood volume in the Rocky Mountain region is divided among Douglas-fir, true fir, lodgepole pine (*Pinus contorta*), Englemann and other spruces, and ponderosa and Jeffrey pines (*P. ponderosa*, *P. jeffreyi*; fig. 21). Hardwood volume in the Rocky Mountain region is composed of almost entirely (83 percent) cottonwood and aspen (fig. 22).

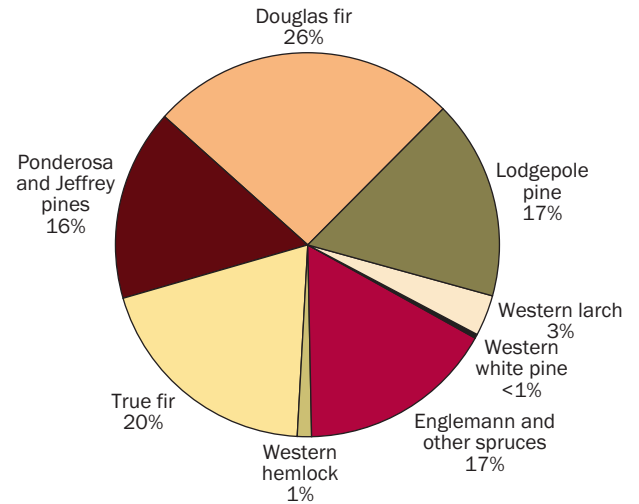


Figure 21. Proportion of softwood growing stock by species group in the Rocky Mountain region, 2012.

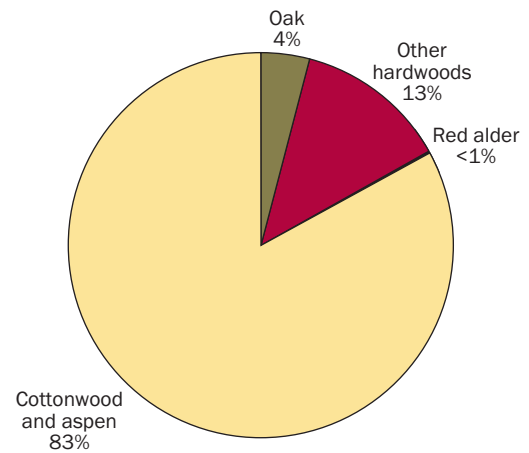


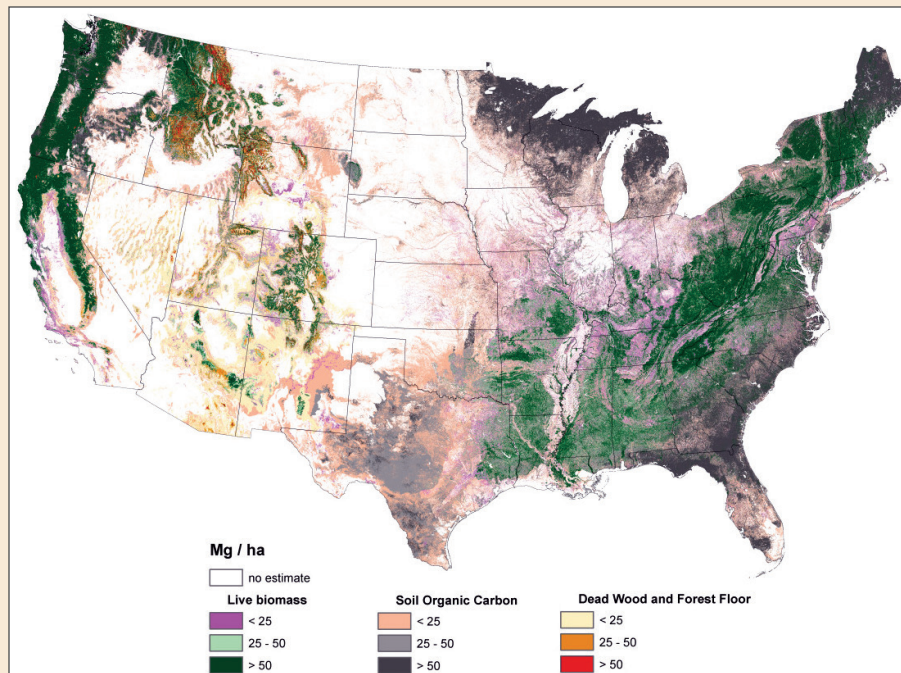
Figure 22. Proportion of hardwood growing-stock volume by species group in the Rocky Mountain region, 2012.

Forest Carbon Density Mapping

The United States has been providing national-scale estimates of forest carbon (C) stocks and stock change to meet United Nations Framework Convention on Climate Change reporting requirements for years. Although these requirements are provided as national estimates by pool and year to meet greenhouse gas monitoring requirements, there is a growing need to disaggregate these estimates to finer scales to enable strategic forest management and monitoring activities focused on various ecosystem services such as C storage enhancement.

Through application of a nearest neighbor imputation approach, mapped estimates of forest carbon density were developed for the conterminous United States using the annual forest inventory conducted by the Forest Service Forest Inventory and Analysis (FIA) program. The methodology used outputs from an ecological ordination model that related live-tree measurements made on FIA field plots (response variables) with the associated environmental factors (predictor variables) at each plot location, such as seasonal temperatures and precipitation, landscape position, ecological region, and vegetation phenology derived from satellite imagery. These outputs, along with tree cover information from the National Land Cover Dataset, were used to impute forest carbon stock estimates derived for individual field plots to each pixel in the raster map (Barry et al. 2013).

Results suggest that this imputation approach can be used to develop raster maps of forest carbon density across a range of pools and spatial scales. Comparisons among imputed maps indicate strong regional differences across carbon pools. The forest carbon density of pools closely related to forest floor and dead wood is often highest in northern latitudes and higher elevations. In contrast, live-tree carbon density is often greatest on the highest quality forest sites, such as those found in the Pacific Northwest. Validation results suggest strong agreement between the estimates produced from the forest inventory plots and those from the imputed maps, particularly when the carbon pool is closely associated with the imputation model, with weaker agreement for standing dead trees. FIA-imputed plot maps provide an efficient and flexible approach to monitoring diverse various C pools at national and regional scales while allowing timely incorporation of forest inventory data (sidebar fig. 2).



Sidebar Figure 2. Major pools with the plurality of total forest carbon stock, conterminous United States, 2000 through 2009. Major pools are (1) living biomass (aboveground, belowground, and understory), (2) dead wood and forest floor (including standing dead, down dead, and litter), and (3) soil organic carbon.

Of the softwood volume on the Pacific Coast, Douglas-fir comprises 44 percent, western hemlock (*Tsuga heterophylla*) comprises another 15 percent, and true fir comprises 14 percent (fig. 23). Hardwoods on the Pacific Coast are dominated by 48 percent mixed western hardwoods (“other hardwoods”) followed by red alder (*Alnus rubra*) and oak (fig. 24).

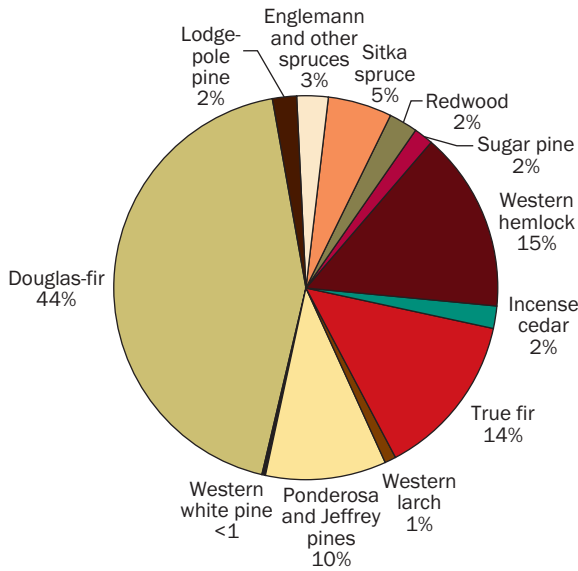


Figure 23. Proportion of softwood growing-stock volume by species group in the Pacific Coast region, 2012.

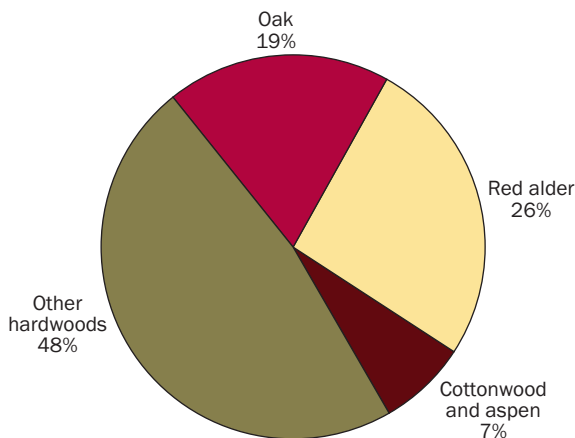


Figure 24. Proportion of hardwood growing-stock volume by species group in the Pacific Coast region, 2012.

Timberland Biomass Continues Rising Trend

Measurements of the Nation’s forest biomass stocks over time can tell us whether U.S. forests are a net “source” of carbon (contributing to global fossil fuel emissions) or a net “sink” of carbon (offsetting fossil fuel emissions). Biomass estimates can be converted to rough carbon estimates by multiplying by 0.05. Nationwide, forest land in the United States supports 31 billion tons of aboveground biomass, and timberland supports 26 billion tons. Live-tree biomass on timberland equals 24.9 billion tons, and standing dead-tree biomass totals 855 million tons, nationwide. Timberland biomass increased 5 percent from 2007 totals. Live standing tree boles comprise 71 percent of aboveground biomass, followed by treetops, saplings and seedlings, and tree stumps (fig. 25).

Of measurable live-tree biomass on timberland, 69 percent is located in the East. Nationwide, oak hickory forests contribute the greatest total live-tree biomass, at 7 billion tons—about 27 percent of the total biomass on U.S. timberland and 39 percent of totals in the East (figs. 26a, 26b).

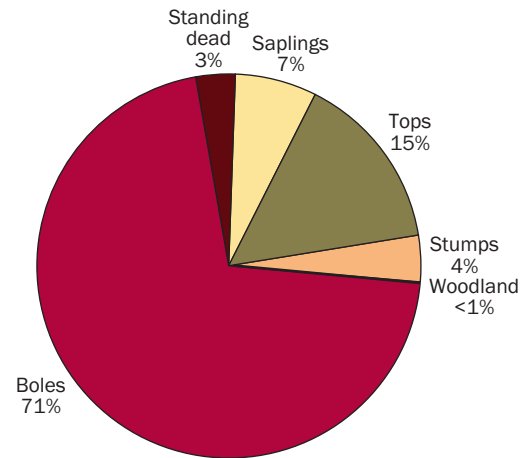
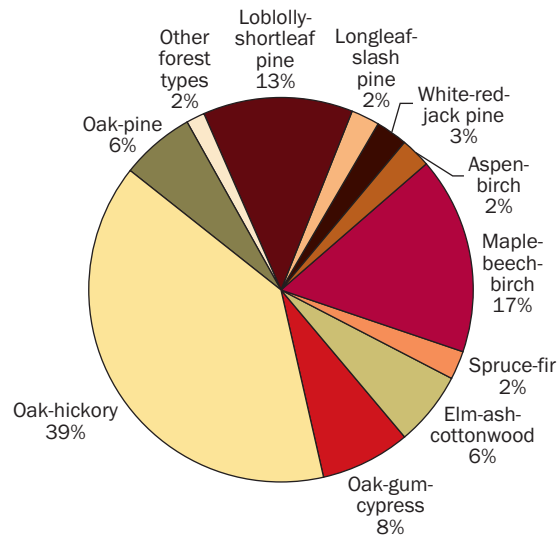


Figure 25. Contributions of biomass components on U.S. timberland, 2012.

(a) Eastern United States



(b) Western United States

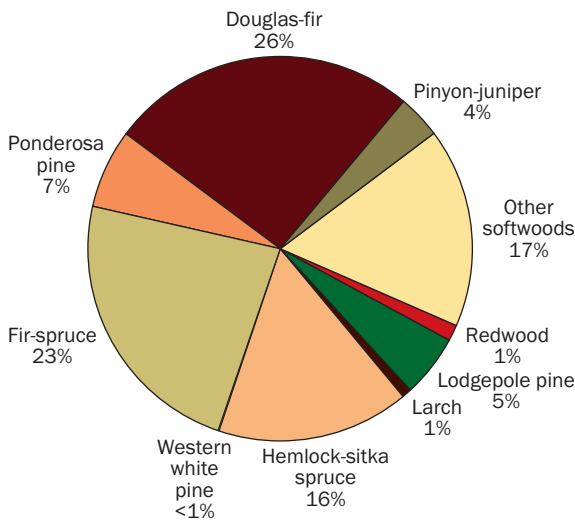


Figure 26. Contributions of forest types to biomass totals on timberland in (a) the Eastern United States and (b) the Western United States, 2012.

Softwood Mortality Increasing in Intermountain West Subregion, Hardwood Mortality Increasing in Northeast Subregion

Average net annual growth on growing-stock trees across all ownerships nationwide has slowed by about 1 percent since 2006, to 26 billion cubic feet, on average, annually. This national trend is driven by growth declines in the Rocky Mountain region, whereas average annual growth is increasing in the other three regions (fig. 27). Average annual net growth in the Rocky Mountain region has slowed by 48 percent since 2007, a change that can be attributed to large increases in mortality due to mountain pine beetle (*Dendroctonus ponderosae*) infestations.

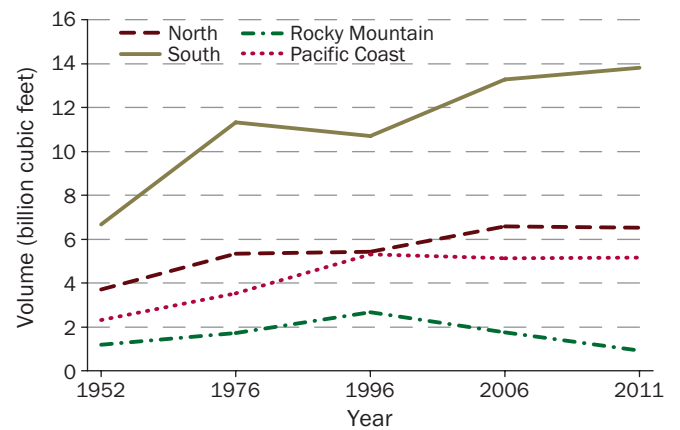


Figure 27. Net annual growth of growing stock on timberland by assessment region and year.

Mountain Pine Beetle Trends

Mountain pine beetles (*Dendroctonus ponderosae*) are native insects that live under the bark of host trees. The beetles reproduce in all pine species within their range, infesting thick stands of larger, older lodgepole pines and mid-sized ponderosa pines. Populations of the insect can persist for decades without killing healthy trees; instead, they infest and kill trees already weakened by other factors. Widespread outbreaks of mortality occur when climate and stand conditions meet to create optimal conditions for beetle populations. Resulting infestations can impact millions of trees, eventually killing them.

Mortality estimates for the Intermountain West in this report captures mortality that occurred during the peak activity of the mountain pine beetle, which spanned from 2008 through 2010. Current reports from the Forest Service, Forest Health Monitoring program indicate that mortality is beginning to taper off in some impacted States, while others (Colorado, Idaho, Montana, and Wyoming) experienced continued activity, with increases in localized areas (Man 2012).

Softwood mortality was highest in the Intermountain West, where mortality increased by 36 percent, likely a result of alarming infestations by the native mountain pine beetle (*D. ponderosae*). Hardwood mortality was highest in the Northeast, South Central, and North Central, where average annual mortality increased by 34, 8, and 17 percent, respectively.

Softwood mortality in the Rocky Mountain region increased 57 percent from 2006 and 92 percent since 1996 (fig. 28). Hardwood mortality in the region has decreased. Within the region, mortality is highest in the mountain pine beetle-affected States of Colorado, Idaho, Montana, Utah, and Wyoming, affecting large stands of mature lodgepole pine trees in the States, and increasing fire risk in affected areas. This risk may be informed by measurement of “woodland” in these States and combining those fire-prone areas with areas impacted by pine beetle mortality.

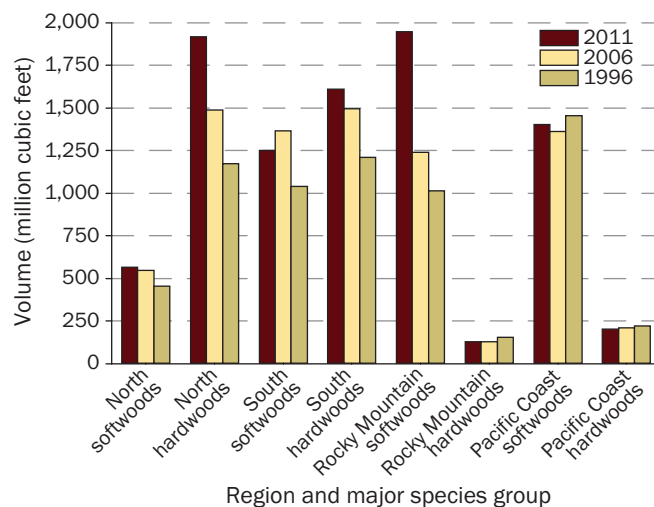


Figure 28. Average annual mortality by year, major species group, and region.

Although tree mortality has increased significantly in the Intermountain West, average annual mortality rates in the region are still in the range of 0.6 to 2.0 percent of total standing growing-stock volume. That value is compared with values in the South and North, where mortality ranges from 0.4 to 1.4 percent of standing volume. The overall average tree mortality rate in the U.S. is currently 0.9 percent.

Removals, Timber Products, and Mill Residue

Removals

Volume removed from forest inventory during timber harvesting, other cultural treatments, or land use change is known as “removals.” Removals are an important indicator of timber inventory sustainability. Removals can come from two sources: (1) the growing-stock portion of live trees (live trees of commercial species meeting specified standards of quality or vigor) or nongrowing-stock sources, which includes rough and rotten and dead trees; and (2) other nongrowing stock sources such as tops and stumps. The three general types of removals in order of magnitude are timber products harvested for processing by mills, logging residue (i.e., volume cut or killed but not used), and other removals (i.e., land clearing and precommercial thinning).

At the national level, growing-stock removals remained fairly stable in 1986 and 2006 (fig. 29). In 2011, growing-stock removals totaled 12.9 billion cubic feet, declines of 17 percent from 2006 and nearly 21 percent from 1986. Softwoods accounted for 65 percent, or 8.3 billion cubic feet, of growing-stock removals in 2011, and hardwoods accounted for 4.6 billion cubic feet, or 35 percent. Both species groups showed declines in removals from 2006, with softwoods down 16 percent and hardwoods down 20 percent.

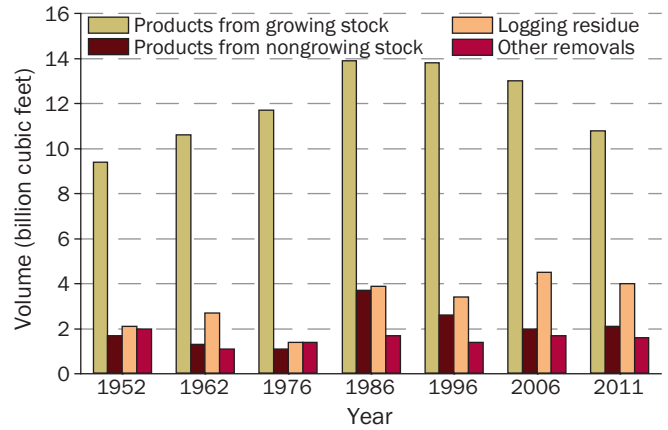


Figure 29. Forest products in the United States by source, logging residues, and other removals, 1952 to 2011.

The South led growing-stock removals in 2011, with 8.0 billion cubic feet, accounting for 63 percent of the Nation’s total growing-stock removals (fig. 30). The North and Pacific Coast regions had 2.4 and 2.0 billion cubic feet of growing-stock removals, respectively, and the Rocky Mountain region had just 0.4 billion cubic feet of growing-stock removals.

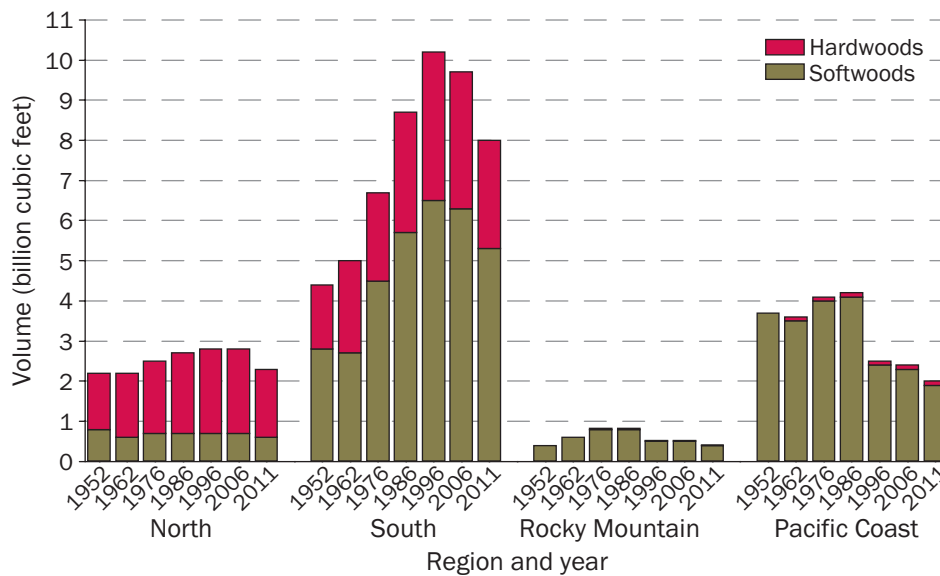


Figure 30. Growing-stock removals in the United States by species group, region, and year, 1952 to 2011.

Timber Products

In 2011, timber harvested for industrial products and domestic fuelwood totaled 12.8 billion cubic feet, nearly a 15-percent decline since 2006. Nearly 10.8 billion cubic feet came from growing stock, and 2.1 billion cubic feet came from nongrowing-stock sources, including rough and rotten trees, dead trees, tops, and stumps.

Hardwood product output declined 21 percent between 1996 and 2006, and softwood output was down by 1 percent during the period. At 5.0 billion cubic feet, saw-log production dropped nearly 31 percent and accounted for 39 percent of the Nation's total product output (fig. 31). Pulpwood and composite panel output increased nearly 2 percent to 5.0 billion cubic feet and accounted for 39 percent of total product output. Veneer production accounted for 5 percent of product output for the Nation, a 700-million-cubic-foot drop of more than 42 percent since 2006. Volume used for other industrial products such as poles, posts, mulch, and other miscellaneous products totaled 283 million cubic feet, up 11 percent from 2006. Domestic fuelwood use increased from 1.4 to 1.8 billion cubic feet, or 28 percent.

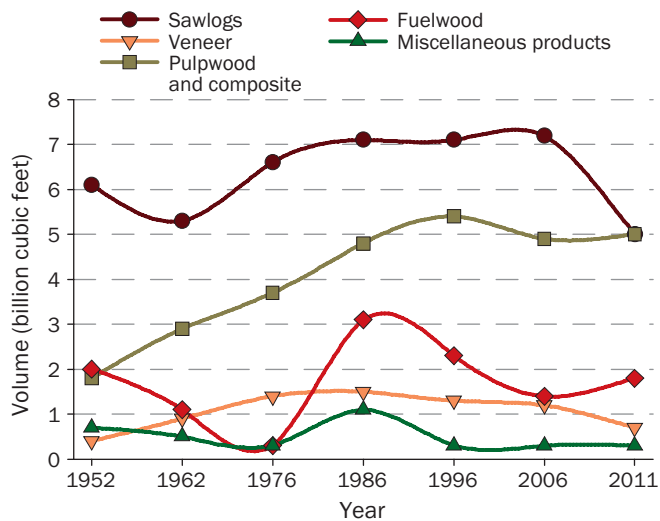


Figure 31. Trends in production in the United States by primary product, 1952 to 2011.

Logging Residue

Nationwide in 2011, nearly 4.0 billion cubic feet of logging residue were created and left in the forest as “slash” in the process of harvesting timber. About 26 percent, or 1.1 billion cubic feet, of this logging residue came from growing-stock sources, and 74 percent, or 2.9 billion cubic feet, came from treetops, limbs, stumps, and other nongrowing-stock sources.

Softwood volume accounted for 2.0 billion cubic feet, or 50 percent, of the logging residue. Of this residue, 23 percent came from growing-stock sources. Hardwoods accounted for the remaining 2.0 billion cubic feet of logging residues. Of this total volume, 30 percent, or 589 million cubic feet, came from the growing-stock portion of trees and the remaining 70 percent came from treetops, limbs, stumps, and other nongrowing stock sources. Hardwood harvesting yields more residue compared with the amount of removals than softwoods because of higher variability in hardwood stems and fewer markets for hardwood roundwood.

Other Removals

(Note: Because of the implementation of the annual inventory, the Pacific Coast region and Intermountain West subregion do not have remeasurement data available to calculate other removals. The data presented here include the North and South regions and the Great Plains subregion.)

Other removals include volume removed from forest inventory by precommercial thinning, land clearing, and changes in land use from a forest use to a nonforest or developed use. When timberland is converted to nonforest use, some wood material may be processed as timber products; this volume is captured in the timber products section. Approximately 1.6 billion cubic feet of other removals were generated in 2011. About 65 percent, or 1.1 billion cubic feet, of other removals came from growing-stock sources, and the remaining 35 percent, or 568 million cubic feet, came from nongrowing-stock sources. Hardwoods accounted for 1.1 billion cubic feet of other removal volume, and softwood contributed 526 million cubic feet.

Mill Residue Volume and Use

Timber-processing facilities generate substantial quantities of wood residue when manufacturing wood products such as lumber, plywood, oriented strandboard, or OSB, and log homes. Most of this residue volume is used to produce other products. These “reconstituted” wood products include fiber products such as pulp, paper, particle board, and MDF (medium density fiberboard); biomass energy, including steam and electricity; energy products such as fuel pellets and firewood; and other miscellaneous products such as animal bedding and mulch, including decorative bark.

During 2011, timber-processing facilities in the United States produced nearly 59.3 million dry tons of wood residues, with just 492,000 tons (less than 1 percent) of that residue not used for a product. About 26.0 million tons (43 percent) of wood residue was used for commercial fuel, 23.5 million tons (40 percent) for fiber products, and about 9.3 million tons (16 percent) for other products. Softwoods accounted for 71 percent of mill residue.

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Appendix A—Inventory Procedures, Accuracy of the Data, and Glossary of Terms

Inventory Procedures

The following sections provide information on the data and procedures used to develop this report. This guidance is to assist the reader in understanding the nuances of compiling a report of such a comprehensive nature.

Timing of Inventory Data

The tables in appendix C are dated 2012 for area and volume and 2011 for growth, mortality, and removals. These dates are used as nominal dates for national assessment reporting. The actual inventory for resource variables by subregion and State is listed in table A-1. Until recently, forest inventory in the United States has been a cyclic process with new inventories conducted in each State every 10 to 12 years. The Forest Inventory and Analysis (FIA) program began collecting data annually in 1999 and now annually collects data in 45 States. Future assessments will continue to include more current data, as all States enter the annualized inventory process. For more information on the FIA procedures, refer to the FIA Field Manuals and Strategic Plan found in the “Library” section at <http://fia.fs.fed.us>.

Adjustments to Historic Data

Historic data presented in this report for previous national assessments may be adjusted from those found in the original publications. In general, this adjustment is due to changes in data classifications, regional reporting boundaries, or, occasionally, errors in reporting. Other than reporting errors, adjustments rarely exceed 1 to 2 percent of the value of the original data. As noted at the beginning of this report, data have been adjusted to reflect international definitions of forest land. This adjustment primarily affects the Southwestern United States and should not affect current or historic timberland estimates. These adjustments were made to facilitate trend analyses based on standard definitions.

The Database

In 1987, the first national database was developed for the assessment. It was a summary database that placed all inventory data in a common format at the State/owner level of resolution. In 1992, the summary database was made available online. After 1997, the national standard FIA Database (FIADB) was used as a basis for the Resources Planning Act (RPA) summary database.

The complete RPA logical database for 2012 is composed of three physical databases. The first is the FIADB national standard database with data available for all forest lands except interior Alaska and Hawaii. Due to insufficient field data, these areas were compiled in summary format from modeled inventory data. The second database is the national timber products output (TPO) database composed of data from surveys of primary wood-using facilities (e.g., sawmills, pulpmills, veneer mills, chip mills) and of residential fuelwood and post producers (Smith 1991 and May 1998). This database provides county-level removals data for the United States. The third database is the national summary database that draws on each of the other physical databases and on “value-added” data from the Bureau of the Census, such as total county land area, county minimum and maximum latitude and longitude, and population. The national summary database can provide data at the county level for most of the United States. Exceptions to this general rule are areas of Hawaii and interior Alaska, where data are stored in aggregate. Nearly all the data used to compile the main tables in this report are available on the DVD located in the back cover of this document. The DVD also contains field manuals, database user guides, and the RPA Data Wiz and RPA2012_EVALIDator report generation programs.

For more information on these databases, log on to <http://fia.fs.fed.us>. Further information on data collection procedures is available from the Forest Service research stations and regions listed in appendix tables B-1 and B-2.

Table A–1. Dates of inventory data by subregion and State.

Region and State	Area and volume data	Method for growth and mortality	Timber product output (removals) data			
			Pulpwood	Saw logs and veneer	Fuelwood	Other products
North						
Connecticut	2011	Reported	2009	2011	2011	2011
Delaware	2011	Reported	2009	2011	2011	2011
Illinois	2011	Reported	2009	2010	2010	2010
Indiana	2011	Reported	2009	2008	2008	2008
Iowa	2011	Reported	2009	2009	2009	2009
Maine	2011	Reported	2009	2009	2009	2009
Maryland	2011	Reported	2009	2008	2008	2008
Massachusetts	2011	Reported	2009	2010	2010	2010
Michigan	2011	Reported	2009	2008	2008	2008
Minnesota	2011	Reported	2009	2007	2007	2007
Missouri	2011	Reported	2009	2009	2009	2009
New Hampshire	2011	Reported	2009	2009	2009	2009
New Jersey	2011	Reported	2009	2010	2010	2010
New York	2011	Reported	2009	2009	2009	2009
Ohio	2011	Reported	2009	2009	2009	2009
Pennsylvania	2011	Reported	2009	2009	2009	2009
Rhode Island	2011	Reported	2009	2010	2010	—
Vermont	2011	Reported	2009	2009	2009	2009
West Virginia	2011	Reported	2009	2007	2007	2007
Wisconsin	2011	Reported	2009	2008	2008	2008
South						
Alabama	2011	Reported	2009	2009	2009	2009
Arkansas	2011	Reported	2009	2009	2009	2009
Florida	2011	Reported	2009	2009	2009	2009
Georgia	2011	Reported	2009	2009	2009	2009
Kentucky	2011	Reported	2009	2009	2009	2009
Louisiana	2011	Reported	2009	2009	2009	2009
Mississippi	2011	Reported	2009	2009	2009	2009
North Carolina	2011	Reported	2009	2009	2009	2009
Oklahoma	2011	Reported	2009	2009	2009	2009
South Carolina	2011	Reported	2009	2009	2009	2009
Tennessee	2011	Reported	2009	2009	2009	2009
Texas	2010	Reported	2009	2009	2009	2009
Virginia	2011	Reported	2009	2009	2009	2009

Table A-1. (cont.) Dates of inventory data by subregion and State.

Region and State	Area and volume data	Method for growth and mortality	Timber product output (removals) data			
			Pulpwood	Saw logs and veneer	Fuelwood	Other products
Interior West						
Arizona	2011	Increment cores (growth), Imputed (mortality)	—	2007	2007	2007
Colorado	2011	Increment cores (growth), Imputed (mortality)	2007	2007	2007	2007
Idaho	2011	Increment cores (growth), Imputed (mortality)	2006	2006	2006	2006
Kansas	2011	Reported	—	2009	2009	—
Montana	2011	Increment cores (growth), Imputed (mortality)	2009	2009	2009	2009
Nebraska	2011	Reported	—	2009	2009	2009
Nevada	2005	Imputed	—	2007	2007	—
New Mexico	2013	Increment cores (growth), Imputed (mortality)	2007	2007	2007	2007
North Dakota	2011	Reported	—	2009	2009	2009
South Dakota	2011	Reported	—	2009	2009	2009
Utah	2011	Increment cores (growth), Imputed (mortality)	2007	2007	2007	2007
Wyoming	2000	Increment cores (growth), Imputed (mortality)	—	2010	2010	2010
Pacific Coast						
Alaska	2011	Imputed	2005	2005	2005	2005
California	2011	Imputed	—	2006	2006	2006
Hawaii		Imputed	—	—	—	—
Oregon	2011	Imputed	2008	2008	2008	2008
Washington	2011	Imputed	2010	2010	2010	2010
Island/Territories						
Puerto Rico	2009	Reported	—	—	—	—
U.S. Virgin Islands	2009	Reported	—	—	—	—

Accuracy of the Data

All of the forest inventory data for the national assessment are collected under the guidance of the Forest Service and compiled by the agency's FIA program. All data are collected by the FIA program in cooperation with State forestry agencies or National Forest System regions.

Inventories conducted by FIA are designed to meet the statistical guidelines for accuracy within one standard deviation at the 67-percent confidence level for each State. Table A-2 provides estimates of sampling errors for key variables presented in the resource tables (see appendix C). Because these estimates are for the State level, the accuracy of data for any national or multistate totals for these categories will be greater. Individual States with relatively small areas of forest or volumes of growing stock will be of lower accuracy, and the reader is cautioned to consider grouping States, such as those in New England, for analysis.

Interactive Data Availability

The included DVD contains the RPA Data Wiz 2012, a computer desktop application that allows custom summaries of Resource Planning Act (RPA) Assessment forest information. Summary tables, graphs, and choropleth maps can be produced with this software. A number of variables can be analyzed. Volumes for growing stock, live cull, dead salvable, net growth, and mortality can be estimated. Acreage, biomass, and tree count estimates are also available. Currently, removals are not available in this software. There are both English and metric versions of RPA Data Wiz.

Your computer must have one of the following operating systems:

- Windows 95 or 98
- Windows NT 4.0 (system administrator privileges to install)
- Windows 2000 (system administrator privileges to install; Service Pack 2 or higher)
- Windows XP or Vista (system administrator privileges to install)
- Windows 2007 (system administrator privileges to install)
- Windows 2008 (system administrator privileges to install)

Your computer must have the following:

- CD-ROM or DVD-ROM drive
- Color monitor with 256 or more colors
- Microsoft Internet Explorer Version 5.0 or higher
- A minimum of 450 MB of disk space is required for installation of one version or 700 MB for both the English and metric versions.
- More space is required for temporary working files during operation of the application. This requirement depends on the operation performed. The application may require another 300+ MB of working space.

The following items are recommendations, but are not essential:

- Minimum of 200 MB of virtual memory
- Minimum of 512 MB of RAM
- Minimum of a Pentium III processor
- Minimum of a 14-inch computer monitor

Board Foot Tables

Although this report does not contain board foot tables, it does recognize an important client base for these tables to compare historic data for certain products or geographic regions and provides the FIA Web site from where these tables may be downloaded: <http://www.fia.fs.fed.us/rpa>.

Metric Equivalents for Various Units of Measure

For the convenience of those needing to have information in metric units, the following conversion factors are provided:

- 1 acre = 0.404686 hectares
- 1,000 acres = 404.686 hectares
- 1 board foot = 0.00348 cubic meters
- 1 cubic foot = 0.028317 cubic meters
- 1,000 cubic feet = 28.317 cubic meters
- 1 inch = 2.54 centimeters or 0.0254 meters
- 1 foot = 30.48 centimeters or 0.3048 meters
- 1 mile = 1.609 kilometers
- 1 square foot = 0.0929 square meters
- 1 square foot per acre basal area = 0.229568 square meters per hectare
- 1 ton = 0.90718 metric tons
- Breast height = 1.37 meters above ground level

Table A-2. Estimated sampling errors for data presented in this report^a.

State	Sampling category					
	Area of forest land	Area of timberland	Volume of growing-stock standing inventory	Volume of growing stock		
				Growth	Mortality	Removals
<i>Sampling error</i>						
Alabama	0.51	0.52	1.38	2.05	5.08	3.92
Alaska, Coast	2.93	6.29	5.47	–	–	–
Arizona	1.61	3.82	4.91	-91.19	33.52	–
Arkansas	0.58	0.61	1.49	2.09	5.27	4.71
California	0.62	1.10	1.78	–	–	–
Colorado	0.88	1.65	2.49	–	–	–
Connecticut	2.65	2.70	3.70	9.39	20.10	36.98
Delaware	4.53	4.84	6.59	12.46	27.34	62.94
Florida	0.83	0.91	2.20	3.88	8.13	7.17
Georgia	0.59	0.62	1.31	1.70	4.45	4.07
Idaho	0.81	1.21	2.26	–	–	–
Illinois	1.59	1.64	2.60	7.11	7.37	15.64
Indiana	1.01	1.05	1.65	4.69	7.81	15.12
Iowa	2.17	2.23	4.62	9.26	11.89	23.74
Kansas	3.00	3.10	6.82	10.19	16.58	28.58
Kentucky	0.83	0.87	1.59	2.98	5.23	8.09
Louisiana	0.75	0.76	1.94	3.59	7.29	6.23
Maine	0.40	0.48	1.26	2.52	3.29	5.03
Maryland	2.29	2.56	3.62	10.89	13.02	24.27
Massachusetts	1.73	1.89	2.80	8.06	11.01	24.71
Michigan	0.48	0.54	1.02	2.05	2.94	5.77
Minnesota	0.52	0.60	1.28	2.88	2.57	5.92
Mississippi	0.63	0.64	1.53	3.63	8.12	8.83
Missouri	0.71	0.76	1.34	3.50	4.17	7.81
Montana	0.72	1.06	1.89	–	–	–
Nebraska	4.19	4.37	10.71	28.00	23.32	51.23
Nevada	3.98	25.46	34.45	–	–	–
New Hampshire	0.97	1.14	2.09	4.98	6.50	12.94
New Jersey	2.62	2.97	4.26	12.19	15.73	33.08
New Mexico	1.37	3.37	4.40		–	–
New York	0.66	0.82	1.34	2.95	4.20	8.13
North Carolina	0.64	0.68	1.45	2.77	5.99	6.34

Table A-2. (cont.) Estimated sampling errors for data presented in this report^a.

State	Sampling category					
	Area of forest land	Area of timberland	Volume of growing-stock standing inventory	Volume of growing stock		
				Growth	Mortality	Removals
<i>Sampling error</i>						
North Dakota	6.28	7.95	16.64	23.33	22.27	61.57
Ohio	1.06	1.12	2.00	3.58	6.11	9.60
Oklahoma	1.91	2.48	3.87	10.10	16.78	24.30
Oregon	0.52	0.71	1.51	–	–	–
Pennsylvania	0.69	0.77	1.25	3.07	4.57	7.07
Rhode Island	4.03	4.16	6.21	10.86	19.89	59.00
South Carolina	0.76	0.78	1.73	2.00	5.16	5.59
South Dakota	2.85	2.98	4.65	22.85	17.69	21.70
Tennessee	0.74	0.80	1.57	2.97	5.72	7.45
Texas	1.01	1.16	2.15	3.52	6.83	5.76
Utah	1.41	3.26	4.69	-25.03	18.37	–
Vermont	0.96	1.06	1.98	4.81	7.86	14.67
Virginia	0.65	0.73	1.47	2.41	4.89	7.24
Washington	0.55	0.72	1.69	–	–	–
West Virginia	0.66	0.74	1.31	4.50	7.72	14.40
Wisconsin	0.48	0.50	1.00	2.10	2.45	4.72
Wyoming	1.41	2.18	3.29	–	–	–
Puerto Rico	3.27	4.16	11.66	49.04	–	–
U.S. Virgin Island	9.36	11.75	81.24	71.49	70.71	100.00
Total of measured area	0.16	0.17	0.36	0.65	1.14	1.46

– = not available.

Table A-3. Common and scientific names of major tree species.

Common name	Scientific name
Eastern Softwoods	
True firs	<i>Abies</i> Mill.
Balsam fir	<i>A. balsamea</i> (L.) Mill.
Fraser fir	<i>A. fraseri</i> (Pursh) Poir.
Eastern redcedar	<i>Juniperus virginiana</i> L.
Tamarack	<i>Larix laricina</i> (Du Roi) K. Koch
Spruce	<i>Picea</i> A. Dietr.
Jack pine	<i>Pinus banksiana</i> Lamb.
Shortleaf pine	<i>P. echinata</i> Mill.
Slash pine	<i>P. elliotii</i> Engelm.
Longleaf pine	<i>P. palustris</i> Mill.
Red pine	<i>P. resinosa</i> Ait.
Eastern white pine	<i>P. strobus</i> L.
Loblolly pine	<i>P. taeda</i> L.
Baldcypress	<i>Taxodium</i> Rich.
Northern white-cedar	<i>Thuja occidentalis</i> L.
Eastern hemlock	<i>Tsuga canadensis</i> (L.) Carr.
Eastern Hardwoods	
Maple	<i>Acer</i> L.
Red (soft) maple	<i>A. rubrum</i> L.
Sugar (hard) maple	<i>A. saccharum</i> Marsh.
Birch	<i>Betula</i> L.
Yellow birch	<i>B. alleghaniensis</i> Britton
Paper birch	<i>B. papyrifera</i> Marsh.
Gray birch	<i>B. populifolia</i> Marsh.
Hackberry	<i>Celtis occidentalis</i> L.
American beech	<i>Fagus grandifolia</i> Ehrh.
Ash	<i>Fraxinus</i> L.
White Ash	<i>F. americana</i>
Black Ash	<i>F. nigra</i>
Green Ash	<i>F. pennsylvanica</i>
Black walnut	<i>Juglans nigra</i> L.
Sweetgum	<i>Liquidambar styraciflua</i> L.
Yellow-poplar	<i>Liriodendron tulipifera</i> L.
Tupelo, gum	<i>Nyssa</i> L.
Black tupelo	<i>N. sylvatica</i> Marsh. var. <i>sylvatica</i>

Common name	Scientific name
Eastern Hardwoods (cont.)	
Sycamore	<i>Platanus occidentalis</i> L.
Aspen	<i>Populus</i> L.
Balsam poplar	<i>P. balsamifera</i> L.
Eastern cottonwood	<i>P. deltoides</i> Bartr. ex Marsh.
Black cherry	<i>Prunus serotina</i> Ehrh.
Hickory spp.	<i>Carya</i> L.
Bitternut Hickory	<i>C. cordiformis</i>
Pignut Hickory	<i>C. glabra</i>
Shagbark Hickory	<i>C. ovata</i>
Mockernut Hickory	<i>C. tomentosa</i>
Oak	<i>Quercus</i> L.
White oak	<i>Q. alba</i> L.
Swamp white oak	<i>Q. bicolor</i> Willd.
Scarlet oak	<i>Q. coccinea</i> Muenchh.
Northern pin oak	<i>Q. ellipsoidalis</i> E. J. Hill
Southern red oak	<i>Q. falcata</i> Michx.
Cherrybark oak	<i>Q. falcata</i> var. <i>pagodifolia</i> Ell.
Bear oak	<i>Q. ilicifolia</i> Wangenh.
Shingle oak	<i>Q. imbricaria</i> Michx.
Overcup oak	<i>Q. lyrata</i> Walt.
Bur oak	<i>Q. macrocarpa</i> Michx.
Blackjack oak	<i>Q. marilandica</i> Muenchh.
Swamp chestnut oak	<i>Q. michauxii</i> Nutt.
Chinkapin oak	<i>Q. muehlenbergii</i> Engelm.
Water oak	<i>Q. nigra</i> L.
Pin oak	<i>Q. palustris</i> Muenchh.
Willow oak	<i>Q. phellos</i> L.
Chestnut oak	<i>Q. prinus</i> L.
Northern red oak	<i>Q. rubra</i> L.
Shumard oak	<i>Q. shumardii</i> Buckl.
Post oak	<i>Q. stellata</i> Wangenh. var. <i>stellata</i>
Black oak	<i>Q. velutina</i> Lam.
Willow	<i>Salix</i> L.
Basswood	<i>Tilia</i> L.
Elm	<i>Ulmus</i> L.

Table A-3. (cont.) Common and scientific names of major tree species.

Common name	Scientific name
Western Softwoods	
True firs	<i>Abies</i> Mill.
Pacific silver fir	<i>A. amabilis</i> Dougl. ex Forbes
White fir	<i>A. concolor</i> (Gord. & Glend.) Lindl. ex Hildebr.
Grand fir	<i>A. grandis</i> (Dougl. ex D. Don) Lindl.
Subalpine fir	<i>A. lasiocarpa</i> (Hook.) Nutt.
Juniper	<i>Juniperus</i> L.
Incense-cedar	<i>Libocedrus decurrens</i> Torr.
Engelmann spruce	<i>Picea engelmannii</i> Parry ex Engelm.
Blue spruce	<i>P. pungens</i> Engelm.
Sitka spruce	<i>P. sitchensis</i> (Bong.) Carr.
Lodgepole pine	<i>Pinus contorta</i> Dougl. ex Loud.
Pinyon pine	<i>P. edulis</i> Engelm.
Apache pine	<i>P. engelmannii</i> Carr.
Limber pine	<i>P. flexilis</i> James
Jeffrey pine	<i>P. jeffreyi</i> Grev. & Balf.
Sugar pine	<i>P. lambertiana</i> Dougl.
Chihuahuana pine	<i>P. leiophylla</i> var. <i>chihuahuana</i> (Engelm.) Shaw
Western white pine	<i>P. monticola</i> Dougl. ex D. Don
Ponderosa pine	<i>P. ponderosa</i> Dougl. ex Laws.
Arizona pine	<i>P. ponderosa</i> var. <i>arizonica</i> (Engelm.) Shaw
Douglas-fir	<i>Pseudotsuga menziesii</i> (Mirb.) Franco
Redwood	<i>Sequoia sempervirens</i> (D. Don) Endl.
Western redcedar	<i>Thuja plicata</i> Donn ex D. Don
Western hemlock	<i>Tsuga heterophylla</i> (Raf.) Sarg.
Mountain hemlock	<i>T. mertensiana</i> (Bong.) Carr.
Western Hardwoods	
Red alder	<i>Alnus rubra</i> Bong.
Tanoak	<i>Lithocarpus densiflorus</i> (Hook & Arn.) Rehd.
Cottonwood	<i>Populus</i> L.
Oak	<i>Quercus</i> L.

Source: Little (1979).

Glossary of Terms

annual mortality—The average annual volume of sound wood in growing-stock trees that died from natural causes during the period between inventories.

annual removals—The net volume of growing-stock trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing.

Bureau of Land Management (BLM)—An ownership class of Federal lands administered by the Bureau of Land Management, U.S. Department of the Interior.

coarse materials—Wood residues suitable for chipping, such as slabs, edgings, and trimmings.

commercial species—Tree species suitable for industrial wood products.

county and municipal—An ownership class of public lands administered by counties or local public agencies, or lands leased by these governmental units for more than 50 years.

cull tree—A live tree, 5.0 inches in diameter at breast height (d.b.h.) or larger, that is unmerchantable for saw logs now or prospectively because of rot, roughness, or species. (See definitions for *rotten tree* and *rough tree*.)

diameter class—A classification of trees based on diameter outside bark measured at breast height (4 ½ feet above ground). The common abbreviation for “diameter at breast height” is d.b.h. With 2-inch diameter classes, the 6-inch class, for example, includes trees 5.0 through 6.9 inches d.b.h.

ecoregions—Areas of relative homogeneity in ecological systems and their components where similar climate, altitude, and predominant natural vegetation are important classification criteria. A group of ecoregions with associated landforms and climate forms ecozones.

Federal—An ownership class of public lands administered by the U.S. Government.

fiber products—Products derived from wood and bark residues, such as pulp, composition board products, and wood chips for export.

fine materials—Wood residues not suitable for chipping, such as planer shavings and sawdust.

forest industry—An ownership class of private lands administered by companies or individuals operating wood-using plants.

forest land—Land at least 120 feet (37 meters) wide and at least 1 acre (0.4 hectare) in size with at least 10 percent cover (or equivalent stocking) by live trees including land

that formerly had such tree cover and that will be naturally or artificially regenerated. Trees are woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. The definition here includes all areas recently having such conditions and currently regenerating or capable of attaining such condition in the near future. Forest land also includes transition zones, such as areas between forest and nonforest lands that have at least 10 percent cover (or equivalent stocking) with live trees and forest areas adjacent to urban and built-up lands. Unimproved roads and trails, streams, and clearings in forest areas are classified as forest if they are less than 120 feet (37 meters) wide or an acre (0.4 hectare) in size. Forest land does not include land that is predominantly under agricultural or urban land use.

forest type—A classification of forest land based on the species presently forming a plurality of the live-tree stocking.

forest-type group—A combination of forest types that share closely associated species or site requirements and generally are combined for brevity of reporting.

Major eastern forest-type groups

white-red-jack pine—Forests in which eastern white pine, red pine, or jack pine, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, aspen, birch, and maple.

spruce-fir—Forests in which spruce or true firs, singly or in combination, comprise a plurality of the stocking. Common associates include white cedar, tamarack, maple, birch, and hemlock.

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

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

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

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

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

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

maple-beech-birch—Forests in which maple, beech, or yellow birch, singly or in combination, comprise a plurality of the stocking. Common associates include hemlock, elm, basswood, and white pine.

aspen-birch—Forests in which aspen, balsam poplar, paper birch, or gray birch, singly or in combination, comprise a plurality of the stocking. Common associates include maple and balsam fir.

Major western forest-type groups

Douglas-fir—Forests in which Douglas-fir comprises a plurality of the stocking. Common associates include western hemlock, western redcedar, true firs, redwood, ponderosa pine, and larch.

hemlock-Sitka spruce—Forests in which western hemlock and/or Sitka spruce comprise a plurality of the stocking. Common associates include Douglas-fir, silver fir, and western redcedar.

redwood—Forests in which redwood comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, and tanoak.

ponderosa pine—Forests in which ponderosa pine comprises a plurality of the stocking. Common associates include Jeffrey pine, sugar pine, limber pine, Arizona pine, Apache pine, Chihuahuah pine, Douglas-fir, incense-cedar, and white fir.

western white pine—Forests in which western white pine comprises a plurality of the stocking. Common associates include western redcedar, larch, white fir, Douglas-fir, lodgepole pine, and Engelmann spruce.

lodgepole pine—Forests in which lodgepole pine comprises a plurality of the stocking. Common associates include alpine fir, western white pine, Engelmann spruce, aspen, and larch.

larch—Forests in which western larch comprises a plurality of the stocking. Common associates include Douglas-fir, grand fir, western redcedar, and western white pine.

fir-spruce—Forests in which true firs, Engelmann spruce, or Colorado blue spruce, singly or in combination, comprise a plurality of the stocking. Common associates include mountain hemlock and lodgepole pine.

western hardwoods—Forests in which aspen, red alder, or other western hardwoods, singly or in combination, comprise a plurality of the stocking.

pinyon-juniper—Forests in which pinyon or juniper, or both, comprise a plurality of the stocking.

other softwoods—Forests in which other softwood species not mentioned above comprise a plurality of the stocking. These are primarily black spruce forests in interior Alaska.

fuelwood—Wood used for conversion to some form of energy, primarily in residential use.

growing stock—A classification of timber inventory that includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. When associated with volume, includes only trees 5.0 inches d.b.h. and larger.

hardwood—A dicotyledonous tree, usually broad-leaved and deciduous.

industrial wood—All commercial roundwood products, except fuelwood.

land area—The area of dry land and land temporarily or partly covered by water, such as marshes, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than 200 feet wide; and lakes, reservoirs, and ponds less than 4.5 acres in area.

live cull—A classification that includes live, cull trees. When associated with volume, it is the net volume in live, cull trees that are 5.0 inches d.b.h. and larger.

logging residues—The unused portions of growing-stock trees cut or killed by logging and left in the woods.

lowland forest types—Generally refers to the elm-ash-cottonwood and oak-gum-cypress forest types.

national forest—An ownership class of Federal lands, designated by Executive order or statute as national forests or purchase units, and other lands under the administration of the Forest Service, including experimental areas and Bankhead-Jones Title III lands.

Native American land—(a) Lands held in trust by the United States or individual States for Native American tribes or individual Native Americans or (b) lands owned in fee by Native American tribes whether subject to Federal or State restrictions against alienation or not.

net annual growth—The average annual net increase in the volume of trees during the period between inventories. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year and minus the net volume of trees that became cull trees during the year.

net volume in cubic feet—The gross volume in cubic feet less deductions for rot, roughness, and poor form. Volume is computed for the central stem from a 1-foot stump to a minimum 4.0-inch top diameter outside bark, or to the point where the central stem breaks into limbs.

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

nonforest land—Land that has never supported forests and lands formerly forested where use of timber management is precluded by development for other uses. (Note: Includes area used for crops, improved pasture, residential areas, city parks, improved roads of any width and adjoining clearings, powerline clearings of any width, and 1- to 4.5-acre areas of water classified by the Bureau of the Census as land. If intermingled in forest areas, unimproved roads and nonforest strips must be more than 120 feet wide, and clearings, etc., must be more than 1 acre in area, to qualify as nonforest land.)

nonstocked areas—Timberland less than 10 percent stocked with all-live trees.

other Federal—An ownership class of Federal lands other than those administered by the Forest Service or the Bureau of Land Management. This category includes the National Park Service, U.S. Fish and Wildlife Service, U.S. Departments of Defense and Energy, and miscellaneous Federal ownerships.

other forest land—Forest land other than timberland and productive reserved forest land. It includes available forest land, which is incapable of annually producing 20 cubic feet (1.4 cubic meters) per acre (0.4 hectare) of industrial wood under natural conditions because of adverse site conditions such as sterile soils, dry climate, poor drainage, high elevation, steepness, or rockiness.

other land—Nonforest land less the area in streams, sloughs, estuaries, and canals between 120 and 200 feet wide and lakes, reservoirs, and ponds between 1 and 4.5 acres in area.

other private—An ownership class of private lands that are not owned by forest industry or farmers.

other products—A miscellaneous category of roundwood products that includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal, and export logs.

other public—An ownership class that includes all public lands except national forests. This category generally includes State, county, and municipal ownerships.

other red oaks—A group of species in the genus *Quercus* that includes scarlet oak, northern pin oak, southern red oak, bear oak, shingle oak, laurel oak, blackjack oak, water oak, pin oak, willow oak, and black oak.

other removals—Unutilized wood volume from cut or otherwise killed growing stock, from cultural operations such as precommercial thinnings or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to productive reserved forest land.

other sources—Sources of roundwood products that are nongrowing stock. These include salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0 inches d.b.h., tops, and roundwood harvested from nonforest land (e.g., fence rows).

other white oaks—A group of species in the genus *Quercus* that includes overcup oak, chestnut oak, and post oak.

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

ownership unit—A classification of ownership encompassing all types of legal entities having an ownership interest in land, regardless of the number of people involved. A unit may be an individual; a combination of individuals; a legal entity such as a corporation, partnership, club, or trust; or a public agency. An ownership unit has control of a parcel or group of parcels of land.

planted forest—Planted forests are areas comprised of at least 40 percent of its composition in planted trees of either native or exotic species. Planted forests may be divided into two groups:

Plantations—Forest stands consisting almost exclusively of planted trees, of native or exotic species, and managed to generally maintain this composition at maturity. Management practices may include extensive site preparation prior to planting and suppression of competing vegetation.

Augmented forest—Forest stands consisting of at least 40 percent planted trees, of native or exotic species, but not intensively managed to assure dominance of these trees in the stand at maturity. Management practices, however, may include suppression of competing vegetation at the time of planting. Frequently found in the West where trees are planted to ensure regeneration stocking levels are adequate to fully occupy the stand in the future.

poletimber trees—Live trees at least 5.0 inches in d.b.h., but smaller than sawtimber trees.

primary wood-using mill—A mill that converts roundwood products into other wood products. Common examples are sawmills that convert saw logs into lumber and pulpmills that convert pulpwood into wood pulp.

productivity class—A classification of forest land in terms of potential annual cubic-foot volume growth per acre at culmination of mean annual increment in fully stocked natural stands.

private corporate—An ownership class of forest land that is administered by entities that are legally incorporated.

private noncorporate—An ownership class of private lands that are not owned by corporate interests. Includes Native American lands, unincorporated partnerships, clubs, and lands leased by corporate interests.

pulpwood—Roundwood, whole-tree chips, or wood residues that are used for the production of wood pulp.

reserved forest land—Forest land withdrawn from timber utilization through statute, administrative regulation, or designation without regard to productive status.

residues—Bark and woody materials that are generated in primary wood-using mills when roundwood products are converted to other products. Examples are slabs, edgings, trimmings, miscuts, sawdust, shavings, veneer cores and clippings, and pulp screenings. Includes bark residues and wood residues (both coarse and fine materials) but excludes logging residues.

rotten tree—A live tree of commercial species that does not contain a saw log now or prospectively primarily because of rot (that is, when rot accounts for more than 50 percent of the total cull volume).

rough tree—(a) A live tree of commercial species that does not contain a saw log now or prospectively primarily because of roughness (that is, when sound cull due to such factors as poor form, splits, or cracks accounts for more than 50 percent of the total cull volume) or (b) a live tree of noncommercial species.

roundwood products—Logs, bolts, and other round timber generated from harvesting trees for industrial or consumer use.

rural-urban continuum—A classification of U.S. counties by urban characteristic as described by Butler and Beale (1993). Classes are generically defined as follows:

Major metro

Major metro, Central—Central counties of metropolitan areas of 1 million population or more.

Major metro, Fringe—Fringe counties of metropolitan areas of 1 million population or more.

Intermediate and small metro

Intermediate metro—Counties in metropolitan areas of 250,000 to 1 million population.

Small metro—Counties in metropolitan areas of less than 250,000 population.

Large town

Large town metro—Urban population of 20,000 or more, adjacent to a metropolitan area.

Large town nonmetro—Urban population of 20,000 or more, not adjacent to a metropolitan area.

Small town

Small town metro—Urban population of 2,500 to 19,999, adjacent to a metropolitan area.

Small town nonmetro—Urban population of 2,500 to 19,999, not adjacent to a metropolitan area.

Rural

Rural metro—Completely rural (no places with a population of 2,500 or more) adjacent to a metropolitan area.

Rural nonmetro—Completely rural (no places with a population of 2,500 or more) not adjacent to a metropolitan area.

salvable dead tree—A downed or standing dead tree that is considered currently or potentially merchantable by regional standards.

saplings—Live trees 1.0 inch through 4.9 inches d.b.h.

saw log—A log meeting minimum standards of diameter, length, and defect, including logs at least 8 feet long, sound and straight, and with a minimum diameter inside bark of 6 inches for softwoods and 8 inches for hardwoods, or meeting other combinations of size and defect specified by regional standards.

seedlings—Live trees less than 1.0 inch d.b.h. and at least 1 foot in height.

select red oaks—A group of species in the genus *Quercus* that includes cherrybark oak, northern red oak, and Shumard oak.

select white oaks—A group of species in the genus *Quercus* that includes white oak, swamp white oak, bur oak, swamp chestnut oak, and chinkapin oak.

softwood—A coniferous tree, usually evergreen, having needles or scale-like leaves.

sound dead—The net volume in salvable dead trees.

stand size class—A classification of forest land based on the size class of all-live trees in the area. The classes include the following:

nonstocked stands—Forest land that is stocked with less than 10 percent of full stocking with all-live trees. Examples are recently cut-over areas or reverting agricultural fields.

seedling-sapling stands—Forest land that is stocked with at least 10 percent of full stocking with all-live trees with half or more of such stocking in seedlings or saplings or both.

poletimber stands—Forest land that is stocked with at least 10 percent of full stocking with all-live trees with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of poletimber exceeds that of sawtimber.

sawtimber stands—Forest land that is stocked with at least 10 percent of full stocking with all-live trees with half or more of such stocking in poletimber or sawtimber trees or both, and in which the stocking of sawtimber is at least equal to that of poletimber.

State—An ownership class of public lands owned by States or lands leased by States for more than 50 years.

stocking—The degree of occupancy of land by trees, measured by basal area or number of trees by size and spacing, or both, compared to a stocking standard; that is, the basal area or number of trees, or both, required to fully utilize the growth potential of the land.

timberland—Forest land that is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. (Note: Areas qualifying as timberland are capable of producing in excess of 20 cubic feet (1.4 cubic meters) per acre (0.4 hectare) per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.)

natural timberland—Productive forests composed of trees established by natural regeneration of existing seed sources, root suckers, stump sprouts, etc. Establishment may be either afforestation on land that until then was not classified as forest or by reforestation of land classified as forest after a disturbance or following harvest.

planted timberland—Productive forests composed of trees established through planting and/or seeding of native or introduced species. Establishment may be either afforestation on land that until then was not classified as forest, or by reforestation of land classified as forest after a disturbance or following harvest.

tops—The wood of a tree above the merchantable height (or above the point on the stem 4.0 inches diameter outside bark [d.o.b.]). It includes the usable material in the uppermost stem.

unreserved forest land—Forest land that is not withdrawn from harvest by statute or administrative regulation. Includes forest lands that are not capable of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands.

veneer log—A roundwood product from which veneer is sliced or sawn and that usually meets certain standards of minimum diameter and length and maximum defect.

weight—The weight of wood and bark, oven-dry basis (approximately 12-percent moisture content).

woodland—Land at least 120 feet (37 meters) wide and at least 1 acre (0.4 hectares) in size with sparse trees capable of achieving 16.4 feet (5 meters) in height with a tree canopy cover of 5 to 10 percent combined with shrubs at least 6 feet (2 meters) in height to achieve an overall cover of greater than 10 percent of woody vegetation. Trees are woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. The definition here includes all areas recently having such conditions and currently regenerating or capable of attaining such condition in the near future. It does not include land that is predominantly under agricultural or urban land use.

xerophytic plants—Plants growing where soil moisture conditions are very dry most of the time.

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Appendix B—Resource Tables

Table 1a. Land area in the United States by major class, region, subregion, and State, 2012.

Table 1b. Forest land and woodland area in the United States by region, subregion, and State, 2012.

Table 2. Forest land area in the United States by ownership, region, subregion, and State, 2012.

Table 3. Forest area in the United States by region, subregion, and State, 2012, 2007, 1997, 1987, 1977, 1963, 1953, 1938, 1920, 1907, and 1630.

Table 4. Forest and woodland area in the United States by productivity class, region, subregion, and State, 2012.

Table 5. Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Table 6. Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Table 7. Forest and woodland area in the Eastern and Western United States by rural-urban continuum class and forest-type group, 2012.

Table 8. Area of forest and woodland by region, forest-type group, ownership class, and stand origin, 2012.

Table 9. Forest and woodland area in the East and West by forest-type group and average d.b.h. class, 2012.

Table 10. Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 11. Timberland area in the United States by ownership group, region, subregion, and State, 2012.

Table 12. Timberland area in the Eastern United States by forest-type group, subregion, and stand-age class, 2012.

Table 13. Timberland area in the Western United States by forest-type group, subregion, and stand-age class, 2012.

Table 14. Timberland area in the United States by forest-type group, subregion, and stand-size class, 2012.

Table 15. Timberland area in the United States by stand-size class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 16. Timberland area in the East and West by forest-type group, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 17. Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 2012.

Table 18. Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 19. Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 20. Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 21. Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963.

Table 22. Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963.

Table 23. Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Table 24. Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Table 25. Net volume of growing-stock on timberland in the Western United States by species, subregion, and State, 2012.

Table 26. Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Table 27. Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Table 28. Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2012.

Table 29. Net volume of softwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 30. Net volume of hardwood growing-stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 31. Net volume of growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Table 32. Net volume of growing stock on timberland by origin in the North, South and West by forest-type group and major ownership group, 2012.

Table 33. Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2011, 2006, 1996, 1976, and 1952.

Table 34. Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Table 35. Annual removals of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1986, and 1976.

Table 36. Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and State, 2011.

Table 37. Net all-live biomass on forest land and timberland in the East and West regions by rural-urban continuum class and forest-type group, 2012.

Table 38a. Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2012.

Table 38b. Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2007.

Table 39. Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Table 40. Roundwood products, logging residues, and other removals from growing-stock and other sources by species group, region, and subregion, 2011.

Table 41. Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Table 42. Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 2011.

Table 43. Average annual area of timberland planted in the United States by region and subregion, 1928-2011.

Table 44. Number of live trees on timberland in the United States by Subregion, species group, and diameter class, 1977 and 2012.

Table 45. Reserved and roadless forest land area in the United States by major region and forest-type group, 2012.

Table 46. Reserved and roadless forest land area in the United States by major region and stand-age class, 2012.

Table 47. Urban land as a percent of all land and urban percent growth (1990-2000) by region within the lower 48 States of the United States.

Table 48. Estimated regional carbon storage and gross annual sequestration, including percent urban tree cover, amount of urban land, and proportion of region in urban land, 2005.

Table 49. Area burned and number of fires in the United States, 1960-2011.

Table 50. Caribbean and Pacific Islands population, land area, population per square mile, forest area, percent forest cover, and date of latest forest inventory.

Table 51. Number of live trees on the Caribbean and Pacific Islands by diameter class.

Table 52. Caribbean and Pacific Islands growing-stock volume by diameter class.

Table 53. Caribbean and Pacific Islands aboveground live-tree biomass by diameter class.

Table 54. Area and number of owners of private forest in the United States by region, subregion, and State, 2006.

Table 55. Area and number of owners of private forest in the United States by size of forest landholdings and region, 2006.

Table 1a. Land area in the United States by major class, region, subregion, and State, 2012.

Region, subregion, and State	Land class										
	Total land area ^a	Forest land									
		Total forest land	Timberland					Reserved	Other	Wood- land ^b	Other land
			Total	Planted	Natural origin						
<i>Thousand acres</i>											
North											
Northeast											
Connecticut	3,099	1,712	1,696	10	1,685	0	16	0	1,387		
Delaware	1,247	340	330	19	311	8	1	0	908		
Maine	19,739	17,660	17,192	358	16,834	294	175	0	2,079		
Maryland ^c	6,252	2,461	2,329	172	2,157	130	2	0	3,791		
Massachusetts	4,992	3,024	2,936	3	2,932	43	45	0	1,968		
New Hampshire	5,730	4,832	4,641	23	4,618	156	35	0	897		
New Jersey	4,707	1,964	1,845	23	1,822	109	10	0	2,743		
New York	30,161	18,966	15,920	752	15,168	3,006	40	0	11,195		
Pennsylvania	28,635	16,782	16,241	480	15,761	477	63	0	11,853		
Rhode Island	662	360	355	0	355	3	2	0	302		
Vermont	5,899	4,591	4,477	23	4,454	97	18	0	1,307		
West Virginia	15,384	12,155	11,862	128	11,733	226	66	0	3,230		
Northeast Total	126,507	84,846	79,822	1,991	77,830	4,550	474	0	41,661		
North Central											
Illinois	35,532	4,848	4,771	109	4,663	63	13	0	30,685		
Indiana	22,929	4,830	4,749	163	4,586	78	4	0	18,098		
Iowa	35,749	3,014	2,968	28	2,940	5	41	0	32,735		
Michigan	36,185	20,127	19,463	1,275	18,188	414	251	0	16,058		
Minnesota	50,961	17,371	15,929	774	15,155	967	475	0	33,590		
Missouri	43,995	15,472	15,085	142	14,943	185	202	0	28,523		
Ohio	26,151	8,088	7,865	366	7,499	196	28	0	18,063		
Wisconsin	34,661	16,980	16,726	1,003	15,724	87	166	0	17,681		
North Central Total	286,162	90,730	87,556	3,859	83,697	1,994	1,179	0	195,432		
North Total	412,669	175,575	167,378	5,850	161,528	6,544	1,653	0	237,093		
South											
Southeast											
Florida	34,447	17,461	15,916	4,967	10,949	1,124	420	0	16,986		
Georgia	36,809	24,768	24,352	7,736	16,615	416	0	0	12,040		
North Carolina	31,115	18,588	18,077	3,237	14,841	397	113	0	12,528		
South Carolina	19,239	13,120	13,025	3,381	9,645	69	26	0	6,119		
Virginia	25,274	15,907	15,385	2,553	12,832	486	36	0	9,367		
Southeast Total	146,884	89,844	86,755	21,873	64,882	2,493	596	0	57,040		

Table 1a. (cont.) Land area in the United States by major class, region, subregion, and State, 2012.

Region, subregion, and State	Total land area ^a	Land class							
		Forest land						Wood- land ^b	Other land
		Total forest land	Timberland			Reserved	Other		
			Total	Planted	Natural origin				
<i>Thousand acres</i>									
South Central									
Alabama	32,413	22,877	22,800	6,966	15,835	71	6	0	9,536
Arkansas	33,303	18,755	18,543	3,291	15,252	178	33	0	14,548
Kentucky	25,271	12,472	12,297	61	12,236	147	28	0	12,799
Louisiana	27,650	14,712	14,646	4,499	10,146	30	37	0	12,938
Mississippi	30,031	19,542	19,495	5,724	13,770	22	25	0	10,489
Oklahoma ^d	43,901	12,256	7,656	658	6,999	61	4,539	390	31,255
Tennessee	26,390	13,942	13,500	716	12,784	433	9	0	12,449
Texas ^d	167,188	40,318	14,356	3,044	11,312	215	25,746	22,108	104,763
South Central Total	386,148	154,872	123,292	24,959	98,333	1,157	30,423	22,498	208,778
South Total	533,031	244,716	210,048	46,832	163,216	3,650	31,018	22,498	265,817
Rocky Mountain									
Great Plains									
Kansas	52,326	2,502	2,403	46	2,357	0	100	0	49,823
Nebraska	49,167	1,576	1,470	50	1,420	8	98	0	47,591
North Dakota	44,161	734	518	11	507	25	192	26	43,401
South Dakota	48,519	1,911	1,789	43	1,746	30	92	0	46,608
Great Plains Total	194,173	6,724	6,179	150	6,029	62	482	26	187,423
Intermountain									
Arizona	72,700	10,795	3,001	0	3,001	1,096	6,699	7,848	54,057
Colorado	66,331	19,995	10,937	13	10,924	2,519	6,538	2,842	43,494
Idaho	52,892	21,247	16,772	204	16,568	3,422	1,054	200	31,444
Montana	93,149	25,169	19,629	146	19,483	3,903	1,637	404	67,576
Nevada	70,260	8,121	416	0	416	480	7,224	3,048	59,091
New Mexico	77,631	16,615	4,278	8	4,270	1,328	11,009	8,225	52,791
Utah	52,589	11,866	3,809	7	3,802	897	7,159	6,269	34,453
Wyoming	62,140	10,807	6,002	48	5,954	3,780	1,025	641	50,691
Intermountain Total	547,691	124,614	64,844	425	64,419	17,425	42,345	29,478	393,598
Rocky Mountain Total	741,863	131,338	71,023	575	70,448	17,488	42,827	29,504	581,021
Pacific Coast									
Alaska									
Alaska	365,616	128,577	12,817	12	12,805	33,735	82,025	0	237,039
Alaska Total	365,616	128,577	12,817	12	12,805	33,735	82,025	0	237,039

Table 1a. (cont.) Land area in the United States by major class, region, subregion, and State, 2012.

Region, subregion, and State	Land class										
	Total land area ^a	Forest land									
		Total forest land	Timberland					Reserved	Other	Wood- land ^b	Other land
			Total	Planted	Natural origin						
<i>Thousand acres</i>											
Pacific Northwest											
Oregon	61,432	29,787	24,117	5,987	18,130	2,400	3,271	17	31,628		
Washington	42,532	22,435	18,081	4,474	13,607	3,820	534	0	20,097		
Pacific Northwest Total	103,964	52,222	42,197	10,461	31,737	6,220	3,805	17	51,725		
Pacific Southwest											
California	99,699	32,057	16,991	1,384	15,607	5,688	9,378	561	67,081		
Hawaii	4,110	1,748	700	30	670	196	853	0	2,362		
Pacific Southwest Total	103,809	33,805	17,690	1,414	16,276	5,884	10,231	561	69,443		
Pacific Coast Total	573,389	214,604	72,705	11,887	60,818	45,838	96,061	578	358,207		
U.S. Total	2,260,952	766,234	521,154	65,145	456,009	73,520	171,560	52,580	1,442,138		

^a Source: U.S. Department of Commerce. Census 2010 U.S. Gazetteer Files at <http://www.census.gov/geo/maps-data/data/gazetteer2010.html>.

^b Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semiarid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals. Table 1b provides the proper usage of this nomenclature.

^c Maryland total land area includes 39,298 acres in District of Columbia.

^d The forest areas of Texas and Oklahoma are higher than reported in previous national assessments. This is the result of first ever inventories of the western portions of these States by FIA. The wooded areas are mostly low productivity forest (nontimberland) and woodland predominantly in the western portions of these States.

Note: Data may not add to totals because of rounding.

Table 1b. Forest and woodland area in the United States by region, subregion, and State, 2012.

Region, subregion, and State	Total forest and woodland	Forest				Woodland ^a
		Total forest	Timberland	Reserved	Other	
<i>Thousand acres</i>						
North						
Northeast						
Connecticut	1,712	1,712	1,696	0	16	0
Delaware	340	340	330	8	1	0
Maine	17,660	17,660	17,192	294	175	0
Maryland	2,461	2,461	2,329	130	2	0
Massachusetts	3,024	3,024	2,936	43	45	0
New Hampshire	4,832	4,832	4,641	156	35	0
New Jersey	1,964	1,964	1,845	109	10	0
New York	18,966	18,966	15,920	3,006	40	0
Pennsylvania	16,782	16,782	16,241	477	63	0
Rhode Island	360	360	355	3	2	0
Vermont	4,591	4,591	4,477	97	18	0
West Virginia	12,155	12,155	11,862	226	66	0
Northeast Total	84,846	84,846	79,822	4,550	474	0
North Central						
Illinois	4,848	4,848	4,771	63	13	0
Indiana	4,830	4,830	4,749	78	4	0
Iowa	3,014	3,014	2,968	5	41	0
Michigan	20,127	20,127	19,463	414	251	0
Minnesota	17,371	17,371	15,929	967	475	0
Missouri	15,472	15,472	15,085	185	202	0
Ohio	8,088	8,088	7,865	196	28	0
Wisconsin	16,980	16,980	16,726	87	166	0
North Central Total	90,730	90,730	87,556	1,994	1,179	0
North Total	175,575	175,575	167,378	6,544	1,653	0
South						
Southeast						
Florida	17,461	17,461	15,916	1,124	420	0
Georgia	24,768	24,768	24,352	416	0	0
North Carolina	18,588	18,588	18,077	397	113	0
South Carolina	13,120	13,120	13,025	69	26	0
Virginia	15,907	15,907	15,385	486	36	0
Southeast Total	89,844	89,844	86,755	2,493	596	0

Table 1b. (cont.) Forest and woodland area in the United States by region, subregion, and State, 2012.

Region, subregion, and State	Total forest and woodland	Forest				Woodland ^a
		Total forest	Timberland	Reserved	Other	
<i>Thousand acres</i>						
South Central						
Alabama	22,877	22,877	22,800	71	6	0
Arkansas	18,755	18,755	18,543	178	33	0
Kentucky	12,472	12,472	12,297	147	28	0
Louisiana	14,712	14,712	14,646	30	37	0
Mississippi	19,542	19,542	19,495	22	25	0
Oklahoma ^b	12,646	12,256	7,656	61	4,539	390
Tennessee	13,942	13,942	13,500	433	9	0
Texas ^b	62,425	40,318	14,356	215	25,746	22,108
South Central Total	177,370	154,872	123,292	1,157	30,423	22,498
South Total	267,214	244,716	210,048	3,650	31,018	22,498
Rocky Mountain						
Great Plains						
Kansas	2,502	2,502	2,403	0	100	0
Nebraska	1,576	1,576	1,470	8	98	0
North Dakota	760	734	518	25	192	26
South Dakota	1,911	1,911	1,789	30	92	0
Great Plains Total	6,750	6,724	6,179	62	482	26
Intermountain						
Arizona	18,643	10,795	3,001	1,096	6,699	7,848
Colorado	22,837	19,995	10,937	2,519	6,538	2,842
Idaho	21,448	21,247	16,772	3,422	1,054	200
Montana	25,573	25,169	19,629	3,903	1,637	404
Nevada	11,169	8,121	416	480	7,224	3,048
New Mexico	24,840	16,615	4,278	1,328	11,009	8,225
Utah	18,135	11,866	3,809	897	7,159	6,269
Wyoming	11,448	10,807	6,002	3,780	1,025	641
Intermountain Total	154,093	124,614	64,844	17,425	42,345	29,478
Rocky Mountain Total	160,842	131,338	71,023	17,488	42,827	29,504
Pacific Coast						
Alaska						
Alaska	128,577	128,577	12,817	33,735	82,025	0
Alaska Total	128,577	128,577	12,817	33,735	82,025	0

Table 1b. (cont.) Forest and woodland area in the United States by region, subregion, and State, 2012.

Region, subregion, and State	Total forest and woodland	Forest				Woodland ^a
		Total forest	Timberland	Reserved	Other	
<i>Thousand acres</i>						
Pacific Northwest						
Oregon	29,804	29,787	24,117	2,400	3,271	17
Washington	22,435	22,435	18,081	3,820	534	0
Pacific Northwest Total	52,239	52,222	42,197	6,220	3,805	17
Pacific Southwest						
California	32,618	32,057	16,991	5,688	9,378	561
Hawaii	1,748	1,748	700	196	853	0
Pacific Southwest Total	34,366	33,805	17,690	5,884	10,231	561
Pacific Coast Total	215,182	214,604	72,705	45,838	96,061	578
U.S. Total	818,814	766,234	521,154	73,520	171,560	52,580

^a Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semi-arid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

^b The forest areas of Texas and Oklahoma are higher than reported in previous national assessments. This is the result of first ever inventories of the western portions of these States by FIA. The newly inventoried wooded areas in this region are mostly low productivity forest (nontimberland).

Note: Data may not add to totals because of rounding.

Table 2. Forest land area in the United States by ownership, region, subregion, and State, 2012.

Region, subregion, and State	All owner-ships	Public							Private ^a			All owners	
		Total public	Federal					State	County and municipal	Total private	Private corporate	Private non-corporate	Wood-land
			Total Federal	National forest	Bureau of Land Management		Other						
<i>Thousand acres</i>													
North													
Northeast													
Connecticut	1,712	467	14	0	0	14	291	162	1,245	197	1,048	0	
Delaware	340	82	11	0	0	11	64	7	258	60	198	0	
Maine	17,660	1,265	185	57	0	128	880	200	16,395	10,172	6,223	0	
Maryland	2,461	687	73	0	0	73	481	133	1,773	408	1,366	0	
Massachusetts	3,024	1,032	86	0	0	86	579	367	1,992	323	1,669	0	
New Hampshire	4,832	1,284	837	785	0	52	210	237	3,548	778	2,770	0	
New Jersey	1,964	1,011	120	0	0	120	612	278	953	251	702	0	
New York	18,966	4,798	150	16	0	134	4,102	546	14,168	2,593	11,575	0	
Pennsylvania	16,782	4,983	638	501	0	137	3,806	538	11,799	2,111	9,688	0	
Rhode Island	360	93	0	0	0	0	57	35	267	47	220	0	
Vermont	4,591	936	495	433	0	62	392	49	3,655	645	3,010	0	
West Virginia	12,155	1,588	1,221	1,044	0	177	306	60	10,567	3,846	6,721	0	
Northeast Total	84,846	18,224	3,830	2,836	0	994	11,782	2,613	66,622	21,432	45,190	0	
North Central													
Illinois	4,848	829	380	296	0	84	221	229	4,018	253	3,765	0	
Indiana	4,830	776	379	205	0	174	352	45	4,054	351	3,703	0	
Iowa	3,014	412	120	0	0	120	189	103	2,602	110	2,492	0	
Michigan	20,127	7,649	3,062	2,702	0	360	4,166	422	12,478	2,753	9,724	0	
Minnesota	17,371	9,626	2,990	2,675	20	295	3,879	2,757	7,745	1,095	6,650	0	
Missouri	15,472	2,703	1,892	1,506	0	386	733	78	12,769	805	11,964	0	
Ohio	8,088	1,130	304	241	0	63	523	304	6,958	930	6,027	0	
Wisconsin	16,980	5,110	1,614	1,432	0	182	1,151	2,345	11,870	1,432	10,438	0	
North Central Total	90,730	28,237	10,741	9,058	20	1,663	11,213	6,283	62,493	7,729	54,764	0	
North Total	175,575	46,461	14,570	11,894	20	2,656	22,995	8,895	129,115	29,161	99,954	0	
South													
Southeast													
Florida	17,461	6,054	2,626	1,180	6	1,440	2,900	528	11,406	6,885	4,521	0	
Georgia	24,768	2,552	1,809	842	0	967	426	318	22,216	8,436	13,779	0	
North Carolina	18,588	3,093	2,139	1,277	0	862	704	250	15,495	4,236	11,259	0	
South Carolina	13,120	1,593	1,035	605	0	430	381	177	11,527	4,008	7,519	0	
Virginia	15,907	2,876	2,285	1,757	0	528	352	239	13,031	3,071	9,960	0	
Southeast Total	89,844	16,168	9,894	5,662	6	4,227	4,762	1,512	73,676	26,637	47,038	0	

Table 2. (cont.) Forest land area in the United States by ownership, region, subregion, and State, 2012.

Region, subregion, and State	All owner- ships	Public							Private ^a			All owners		
		Federal							State	County and municipal	Total private	Private corporate	Private non- corporate	Wood- land
		Total public	Total Federal	National forest	Bureau of Land Manage- ment		Other							
<i>Thousand acres</i>														
South Central														
Alabama	22,877	1,499	1,028	750	0	279	322	149	21,378	7,205	14,172	0		
Arkansas	18,755	3,638	3,105	2,492	0	613	442	91	15,117	5,650	9,467	0		
Kentucky	12,472	1,423	1,176	808	0	367	162	86	11,049	1,833	9,216	0		
Louisiana	14,712	1,848	1,087	708	0	379	519	242	12,864	7,007	5,858	0		
Mississippi	19,542	2,305	1,843	1,331	0	512	222	241	17,236	4,696	12,540	0		
Oklahoma	12,256	1,258	824	310	0	514	308	127	10,998	2,198	8,800	390		
Tennessee	13,942	2,275	1,394	712	0	682	765	116	11,667	2,251	9,416	0		
Texas	40,318	2,330	1,506	734	0	772	437	387	37,988	7,768	30,219	22,108		
South Central Total	154,872	16,576	11,962	7,845	0	4,117	3,176	1,439	138,296	38,608	99,688	22,498		
South Total	244,716	32,745	21,857	13,507	6	8,343	7,937	2,951	211,972	65,246	146,726	22,498		
Rocky Mountain														
Great Plains														
Kansas	2,502	141	109	0	0	109	19	13	2,361	59	2,302	0		
Nebraska	1,576	165	84	50	0	34	64	16	1,411	60	1,352	0		
North Dakota	734	211	149	60	13	76	56	6	523	0	523	26		
South Dakota	1,911	1,132	1,052	1,021	15	16	74	5	779	29	750	0		
Great Plains Total	6,724	1,649	1,394	1,131	28	235	214	41	5,075	148	4,927	26		
Intermountain														
Arizona	10,795	7,005	6,508	5,840	449	219	496	2	3,790	116	3,674	7,848		
Colorado	19,995	15,327	14,778	10,878	3,522	379	473	75	4,668	376	4,291	2,842		
Idaho	21,247	18,268	17,054	16,121	821	111	1,214	0	2,980	1,324	1,656	200		
Montana	25,169	18,350	17,469	15,363	1,111	995	870	11	6,819	2,020	4,798	404		
Nevada	8,121	7,945	7,892	2,562	5,229	101	52	0	176	60	117	3,048		
New Mexico	16,615	10,332	9,307	7,531	1,230	546	1,003	22	6,282	539	5,743	8,225		
Utah	11,866	9,561	8,526	5,677	2,713	136	991	44	2,305	418	1,887	6,269		
Wyoming	10,807	9,055	8,662	6,025	880	1,758	394	0	1,752	0	1,752	641		
Intermountain Total	124,614	95,844	90,196	69,997	15,955	4,244	5,494	154	28,771	4,853	23,918	29,478		
Rocky Mountain Total	131,338	97,493	91,590	71,128	15,983	4,480	5,707	195	33,846	5,001	28,845	29,504		
Pacific Coast														
Alaska														
Alaska	128,577	92,507	64,295	10,783	17,007	36,504	28,019	193	36,070	32,634	3,437	0		
Alaska Total	128,577	92,507	64,295	10,783	17,007	36,504	28,019	193	36,070	32,634	3,437	0		

Table 2. (cont.) Forest land area in the United States by ownership, region, subregion, and State, 2012.

Region, subregion, and State	All owner- ships	Public							Private ^a			All owners
		Federal					State	County and municipal	Total private	Private corporate	Private non- corporate	Wood- land
		Total public	Total Federal	National forest	Bureau of Land Manage- ment							
					Other							
<i>Thousand acres</i>												
Pacific Northwest												
Oregon	29,787	19,068	17,886	14,133	3,555	198	996	186	10,720	5,991	4,729	17
Washington	22,435	12,889	9,985	8,482	56	1,447	2,490	413	9,546	4,715	4,832	0
Pacific Northwest Total	52,222	31,956	27,871	22,615	3,611	1,645	3,487	599	20,266	10,705	9,561	17
Pacific Southwest												
California	32,057	19,413	18,274	15,301	1,477	1,496	759	380	12,644	4,599	8,045	561
Hawaii	1,748	593	12	0	0	12	573	8	1,155	124	1,031	0
Pacific Southwest Total	33,805	20,006	18,287	15,301	1,477	1,508	1,332	388	13,799	4,723	9,077	561
Pacific Coast Total	214,604	144,469	110,452	48,699	22,096	39,657	32,838	1,179	70,136	48,061	22,074	578
U.S. Total	766,234	321,167	238,469	145,229	38,104	55,136	69,477	13,221	445,067	147,468	297,599	52,580

^a It is no longer possible to classify private forest as forest industry and nonindustrial private due to disclosure issues. The new classes are private corporate and noncorporate. Native American lands are included in private noncorporate.

Note: Data may not add to totals because of rounding.

Table 3. Forest area in the United States^a by region, subregion, and State, 2012, 2007, 1997, 1987, 1977, 1963, 1953, 1938, 1920, 1907, and 1630.

Region, subregion, and State	2012	2007	1997 ^b	1987 ^b	1977 ^b	1963 ^b	1953 ^b	1938 ^b	1920 ^b	1907 ^b	1630 ^c
<i>Thousand acres</i>											
North											
Northeast											
Connecticut	1,712	1,794	1,863	1,815	1,861	1,910	1,990	1,809	1,526	1,418	2,930
Delaware	340	383	389	398	392	392	454	423	351	370	1,130
Maine	17,660	17,673	17,711	17,713	17,718	17,425	17,088	16,036	14,487	13,428	18,180
Maryland	2,461	2,566	2,701	2,632	2,653	2,920	2,920	2,595	2,461	2,217	5,730
Massachusetts	3,024	3,171	3,264	3,097	2,952	3,070	3,288	3,283	2,794	1,846	4,630
New Hampshire	4,832	4,850	4,955	5,021	5,014	5,019	4,848	4,664	4,094	3,302	5,490
New Jersey	1,964	2,132	1,991	1,985	1,928	2,371	2,098	2,157	2,069	1,708	4,330
New York	18,966	18,669	18,581	18,775	18,380	15,865	14,450	13,321	12,502	10,786	27,450
Pennsylvania	16,782	16,577	16,905	16,727	16,826	16,486	14,805	13,945	12,517	8,744	27,260
Rhode Island	360	356	409	399	404	434	434	360	305	226	650
Vermont	4,591	4,618	4,607	4,479	4,512	4,230	3,860	3,549	3,021	2,527	5,550
West Virginia	12,155	12,007	12,108	11,942	11,669	11,469	10,327	10,074	9,041	7,811	14,610
Northeast Total	84,846	84,796	85,484	84,981	84,309	81,591	76,562	72,216	65,169	54,382	117,940
North Central											
Illinois	4,848	4,525	4,294	4,266	4,151	4,144	3,890	3,600	2,997	3,288	13,805
Indiana	4,830	4,656	4,501	4,439	3,943	4,018	4,103	3,580	2,989	5,292	19,520
Iowa	3,014	2,879	2,050	1,562	1,561	2,620	2,600	2,550	2,079	2,612	5,340
Michigan	20,127	19,545	19,335	18,220	18,691	19,699	19,592	19,073	19,109	15,283	33,110
Minnesota	17,371	16,391	16,796	16,584	16,709	17,403	17,826	19,615	19,339	15,036	31,500
Missouri	15,472	15,078	14,047	12,523	12,876	15,296	15,177	16,200	15,610	17,226	26,390
Ohio	8,088	7,894	7,855	7,309	7,037	6,091	5,500	5,110	4,280	6,094	23,470
Wisconsin	16,980	16,275	15,963	15,319	14,908	14,885	15,559	16,946	17,449	15,164	26,520
North Central Total	90,730	87,243	84,842	80,221	79,876	84,156	84,247	86,674	83,852	79,995	179,655
North Total	175,575	172,039	170,326	165,202	164,185	165,747	160,809	158,890	149,021	134,377	297,595
South											
Southeast											
Florida	17,461	16,147	16,254	16,721	17,040	19,050	20,817	21,740	20,189	22,918	29,840
Georgia	24,768	24,784	24,413	24,187	24,556	26,365	24,057	21,433	20,644	22,729	35,700
North Carolina	18,588	18,447	19,298	19,280	19,913	20,662	20,113	18,400	17,889	19,791	29,630
South Carolina	13,120	12,746	12,651	12,257	12,569	12,250	11,943	10,704	10,301	12,113	17,570
Virginia	15,907	15,766	16,047	16,102	16,387	16,412	16,032	14,832	14,399	14,687	24,480
Southeast Total	89,844	87,889	88,662	88,547	90,465	94,739	92,962	87,109	83,423	92,236	137,220

Table 3. Forest area in the United States^a by region, subregion, and State, 2012, 2007, 1997, 1987, 1977, 1963, 1953, 1938, 1920, 1907, and 1630.

Region, subregion, and State	2012	2007	1997 ^b	1987 ^b	1977 ^b	1963 ^b	1953 ^b	1938 ^b	1920 ^b	1907 ^b	1630 ^c
<i>Thousand acres</i>											
South Central											
Alabama	22,877	22,693	21,964	21,725	21,525	21,770	20,771	18,878	18,198	21,513	29,540
Arkansas	18,755	18,830	18,790	16,987	16,852	20,051	19,681	20,963	20,074	25,405	31,940
Kentucky	12,472	11,970	12,684	12,256	12,161	11,791	11,647	11,546	10,636	12,144	23,140
Louisiana	14,712	14,222	13,783	13,883	14,348	16,176	16,230	16,211	16,939	18,020	26,160
Mississippi	19,542	19,622	18,595	16,693	16,716	17,076	16,890	16,253	16,506	18,968	26,700
Oklahoma	12,256	10,156	9,925	11,635	11,685	11,735	10,329	10,415	9,779	10,818	13,330
Tennessee	13,942	14,480	13,603	13,258	13,184	13,629	13,956	13,000	12,144	16,476	24,010
Texas	40,318	34,763	33,091	38,977	38,466	37,954	37,708	37,949	32,092	31,819	41,980
South Central Total	154,872	146,736	142,434	145,415	144,937	150,182	147,212	145,215	136,368	155,163	216,800
South Total	244,716	234,625	231,096	233,961	235,402	244,921	240,174	232,324	219,791	247,400	354,020
Rocky Mountain											
Great Plains											
Kansas	2,502	2,106	1,545	1,358	1,344	1,351	1,668	2,408	2,221	2,788	1,570
Nebraska	1,576	1,245	947	722	1,029	1,162	903	1,188	1,028	1,472	1,470
North Dakota	734	724	674	460	422	439	473	495	551	355	450
South Dakota	1,911	1,682	1,632	1,690	1,702	1,837	2,169	2,080	1,905	2,111	2,480
Great Plains Total	6,724	5,757	4,798	4,229	4,497	4,789	5,213	6,171	5,705	6,726	5,970
Intermountain											
Arizona	10,795	11,066	11,753	10,823	11,362	11,902	11,412	12,306	13,579	12,600	13,070
Colorado	19,995	20,822	19,510	19,486	22,271	19,783	19,200	18,920	19,074	20,971	21,440
Idaho	21,247	21,227	21,778	21,647	21,727	21,815	21,025	21,713	22,428	21,967	24,130
Montana	25,169	24,823	23,206	21,882	22,559	22,048	22,330	22,415	21,304	22,095	23,320
Nevada	8,121	8,230	7,124	6,271	7,683	6,000	6,500	7,750	10,738	11,657	12,000
New Mexico	16,615	16,682	15,505	15,432	15,360	15,487	15,050	14,334	15,119	14,854	15,680
Utah	11,866	11,962	11,905	11,234	11,720	12,205	11,219	11,310	11,554	11,305	11,890
Wyoming	10,807	11,156	10,709	9,731	10,028	9,777	10,513	10,757	11,508	10,952	12,490
Intermountain Total	124,614	125,969	121,491	116,506	122,710	119,017	117,249	119,504	125,305	126,401	134,020
Rocky Mountain Total	131,338	131,725	126,289	120,735	127,207	123,806	122,462	125,674	131,010	133,126	139,990
Pacific Coast											
Alaska											
Alaska	128,577	126,869	127,380	129,045	128,000	128,000	128,000	128,000	128,000	128,000	128,000
Alaska Total	128,577	126,869	127,380	129,045	128,000	128,000	128,000	128,000	128,000	128,000	128,000

Table 3. Forest area in the United States^a by region, subregion, and State, 2012, 2007, 1997, 1987, 1977, 1963, 1953, 1938, 1920, 1907, and 1630.

Region, subregion, and State	2012	2007	1997 ^b	1987 ^b	1977 ^b	1963 ^b	1953 ^b	1938 ^b	1920 ^b	1907 ^b	1630 ^c
<i>Thousand acres</i>											
Pacific Northwest											
Oregon	29,787	30,169	29,651	28,721	29,810	30,739	30,261	30,381	30,282	31,729	30,590
Washington	22,435	22,279	21,727	22,558	23,181	23,050	23,868	24,684	23,908	26,834	25,670
Pacific Northwest Total	52,222	52,449	51,378	51,279	52,991	53,789	54,129	55,065	54,190	58,563	56,260
Pacific Southwest											
California	32,057	32,817	33,721	30,582	32,574	34,541	34,078	35,619	37,404	37,404	51,970
Hawaii	1,748	1,748	1,748	1,748	1,986	1,982	2,000	2,000	2,000	2,000	2,000
Pacific Southwest Total	33,805	34,565	35,469	32,330	34,560	36,523	36,078	37,619	39,404	39,404	53,970
Pacific Coast Total	214,604	213,883	214,226	212,654	215,551	218,312	218,207	220,684	221,594	225,967	230,930
U.S. Total	766,234	752,272	741,937	732,553	742,345	752,786	741,652	737,572	721,415	740,870	1,022,535

^a Estimates for 1630, 1907, and 1938 include forest area for regions that would become the 50 States within the current United States. Estimates for 2007 and historic years have been adjusted for forest definition change to minimum 10 percent cover and removal of chaparral as a forest type. Refer to 1997 RPA tables for historic estimates prior to this change.

^b Data for 1909 to 1997 adjusted for removal of chaparral type and addition of historic west Texas and west Oklahoma unproductive forest.

^c Data for 1630 were also from Kellogg (1909) as an estimate of the original forest area based on the current estimate of forest and historic land clearing information. These data are provided here for general reference purposes only to convey the relative extent of the forest estate, in what is now the United States, at the time of European settlement.

Note: Data may not add to totals because of rounding.

Table 4. Forest and woodland area in the United States by productivity class, region, subregion, and State, 2012.

Region, subregion, and State	Total	Productivity class ^a					Reserved forest land	Woodland ^b
		120+ cu. ft.	85-119 cu. ft.	50-84 cu. ft.	20-49 cu. ft.	0-19 cu. ft.		
<i>Thousand acres</i>								
North								
Northeast								
Connecticut	1,712	0	95	570	1,030	16	0	0
Delaware	340	6	57	116	151	1	8	0
Maine	17,660	385	2,827	7,414	6,566	175	294	0
Maryland	2,461	113	491	807	919	2	130	0
Massachusetts	3,024	74	229	1,151	1,482	45	43	0
New Hampshire	4,832	179	747	1,894	1,822	35	156	0
New Jersey	1,964	8	157	370	1,311	10	109	0
New York	18,966	568	1,810	5,940	7,601	40	3,006	0
Pennsylvania	16,782	293	1,617	5,653	8,678	63	477	0
Rhode Island	360	3	18	116	218	2	3	0
Vermont	4,591	231	701	1,558	1,987	18	97	0
West Virginia	12,155	540	2,359	4,690	4,272	66	226	0
Northeast Total	84,846	2,399	11,108	30,278	36,036	474	4,550	0
North Central								
Illinois	4,848	375	1,641	2,106	649	13	63	0
Indiana	4,830	922	2,015	1,433	379	4	78	0
Iowa	3,014	107	650	1,449	762	41	5	0
Michigan	20,127	734	3,927	7,195	7,607	251	414	0
Minnesota	17,371	265	2,283	5,483	7,898	475	967	0
Missouri	15,472	328	3,152	6,944	4,661	202	185	0
Ohio	8,088	286	1,406	3,312	2,860	28	196	0
Wisconsin	16,980	934	4,040	6,602	5,149	166	87	0
North Central Total	90,730	3,951	19,114	34,525	29,966	1,179	1,994	0
North Total	175,575	6,350	30,222	64,804	66,002	1,653	6,544	0
South								
Southeast								
Florida	17,461	847	2,261	8,493	4,315	420	1,124	0
Georgia	24,768	5,822	10,024	7,553	953	0	416	0
North Carolina	18,588	2,398	4,595	8,347	2,738	113	397	0
South Carolina	13,120	3,144	3,811	5,081	990	26	69	0
Virginia	15,907	1,820	3,480	7,236	2,848	36	486	0
Southeast Total	89,844	14,030	24,171	36,711	11,843	596	2,493	0

Table 4. (cont.) Forest and woodland area in the United States by productivity class, region, subregion, and State, 2012.

Region, subregion, and State	Total	Productivity class ^a					Reserved forest land	Woodland ^b
		120+ cu. ft.	85-119 cu. ft.	50-84 cu. ft.	20-49 cu. ft.	0-19 cu. ft.		
<i>Thousand acres</i>								
South Central								
Alabama	22,877	5,323	7,580	8,504	1,393	6	71	0
Arkansas	18,755	1,042	3,617	9,614	4,270	33	178	0
Kentucky	12,472	722	2,230	6,218	3,126	28	147	0
Louisiana	14,712	4,289	5,579	4,187	592	37	30	0
Mississippi	19,542	7,045	7,016	4,950	483	25	22	0
Oklahoma	12,256	241	491	2,190	4,734	4,539	61	390
Tennessee	13,942	1,077	2,570	7,845	2,008	9	433	0
Texas	40,318	2,935	5,543	3,514	2,364	25,746	215	22,108
South Central Total	154,872	22,674	34,628	47,022	18,969	30,423	1,157	22,498
South Total	244,716	36,704	58,799	83,733	30,812	31,018	3,650	22,498
Rocky Mountain								
Great Plains								
Kansas	2,502	46	269	712	1,376	100	0	0
Nebraska	1,576	0	50	310	1,109	98	8	0
North Dakota	734	0	0	77	441	192	25	26
South Dakota	1,911	0	19	185	1,584	92	30	0
Great Plains Total	6,724	46	338	1,285	4,510	482	62	26
Intermountain								
Arizona	10,795	2	40	834	2,125	6,699	1,096	7,848
Colorado	19,995	19	304	2,867	7,747	6,538	2,519	2,842
Idaho	21,247	1,807	3,654	5,754	5,556	1,054	3,422	200
Montana	25,169	186	1,257	5,646	12,540	1,637	3,903	404
Nevada	8,121	0	32	38	347	7,224	480	3,048
New Mexico	16,615	18	117	1,017	3,126	11,009	1,328	8,225
Utah	11,866	0	59	794	2,957	7,159	897	6,269
Wyoming	10,807	0	26	1,026	4,950	1,025	3,780	641
Intermountain Total	124,614	2,031	5,489	17,976	39,348	42,345	17,425	29,478
Rocky Mountain Total	131,338	2,078	5,827	19,260	43,858	42,827	17,488	29,504
Pacific Coast								
Alaska								
Alaska	128,577	348	662	1,983	9,824	82,025	33,735	0
Alaska Total	128,577	348	662	1,983	9,824	82,025	33,735	0

Table 4. (cont.) Forest and woodland area in the United States by productivity class, region, subregion, and State, 2012.

Region, subregion, and State	Total	Productivity class ^a					Reserved forest land	Wood- land ^b
		120+ cu. ft.	85-119 cu. ft.	50-84 cu. ft.	20-49 cu. ft.	0-19 cu. ft.		
<i>Thousand acres</i>								
Pacific Northwest								
Oregon	29,787	9,263	3,811	5,814	5,228	3,271	2,400	17
Washington	22,435	8,203	3,198	4,338	2,341	534	3,820	0
Pacific Northwest Total	52,222	17,466	7,009	10,153	7,569	3,805	6,220	17
Pacific Southwest								
California	32,057	5,278	5,048	4,296	2,368	9,378	5,688	561
Hawaii	1,748	700	0	0	0	853	196	0
Pacific Southwest Total	33,805	5,978	5,048	4,296	2,368	10,231	5,884	561
Pacific Coast Total	214,604	23,792	12,719	16,432	19,762	96,061	45,838	578
U.S. Total	766,234	68,924	107,567	184,229	160,434	171,560	73,520	52,580

^a Productivity classes are displayed as cubic feet per acre per year.

^b Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semi-arid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

Note: Data may not add to totals because of rounding.

Table 5. Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
All ownership groups														
Great Plains														
120 +	46	0	0	4	0	0	0	0	0	2	41	0	0	0
85 to 119	338	0	15	0	0	0	0	0	0	54	249	6	14	0
50 to 84	1,285	0	171	0	18	0	0	0	0	212	827	27	29	0
20 to 49	4,510	0	1,174	0	43	0	0	0	0	941	1,855	223	275	0
Other forest	482	0	1	0	0	0	0	0	0	87	289	71	35	26
Reserved	62	0	25	0	0	0	0	0	0	6	9	13	10	0
Great Plains Total	6,724	0	1,387	4	61	0	0	0	0	1,302	3,270	340	361	26
Intermountain														
120 +	2,031	649	125	22	881	209	57	18	0	6	13	0	52	0
85 to 119	5,489	1,655	379	11	2,222	463	274	191	0	8	162	0	125	0
50 to 84	17,976	4,659	2,160	2	6,111	513	595	1,531	0	37	1,719	0	650	0
20 to 49	39,348	8,556	8,683	7	6,350	177	169	6,319	0	1,521	4,974	0	2,594	0
Other forest	42,345	133	208	0	146	0	0	409	0	2,228	6,561	28,577	4,083	29,478
Reserved	17,425	2,058	794	7	5,995	41	49	3,122	0	1,015	1,042	1,823	1,479	0
Intermountain Total	124,614	17,710	12,348	49	21,705	1,403	1,144	11,588	0	4,815	14,471	30,400	8,982	29,478
Alaska														
120 +	348	0	0	0	0	308	0	0	0	0	33	0	7	0
85 to 119	662	0	0	0	4	594	0	0	0	0	64	0	0	0
50 to 84	1,983	0	0	0	58	1,698	0	7	0	0	196	0	26	0
20 to 49	9,824	0	0	0	3,203	2,505	0	75	0	149	3,773	0	119	0
Other forest	82,025	0	0	0	29,785	3,321	0	308	0	43,074	4,373	0	1,165	0
Reserved	33,735	0	0	0	11,011	4,142	0	19	0	14,940	1,868	0	1,756	0
Alaska Total	128,577	0	0	0	44,060	12,566	0	409	0	58,162	10,307	0	3,072	0
Pacific Northwest														
120 +	17,466	9,979	273	6	962	2,599	72	184	5	30	2,825	0	531	0
85 to 119	7,009	3,179	915	10	1,149	483	96	215	0	44	777	0	142	0
50 to 84	10,153	3,192	3,150	5	1,454	359	226	620	0	124	649	0	373	0
20 to 49	7,569	1,871	2,553	6	690	198	54	1,232	0	280	296	0	391	0
Other forest	3,805	149	84	6	131	168	12	86	0	2,314	687	18	151	17
Reserved	6,220	1,422	198	0	1,889	1,504	62	406	0	270	286	0	183	0
Pacific Northwest Total	52,222	19,791	7,173	33	6,275	5,311	522	2,741	5	3,062	5,521	18	1,770	17

Table 5. (cont.) Forest and woodland in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group													All types
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Pacific Southwest														
120 +	5,978	388	315	7	426	45	0	25	541	1,977	1,793	2	459	0
85 to 119	5,048	350	323	3	613	0	0	22	50	2,283	1,323	0	81	0
50 to 84	4,296	166	671	14	304	13	0	71	0	1,833	1,060	0	164	0
20 to 49	2,368	75	659	25	27	11	0	199	0	716	480	18	156	0
Other forest	10,231	11	33	18	11	18	0	85	0	2,073	6,967	918	96	561
Reserved	5,884	136	223	104	484	114	0	612	117	1,969	1,561	404	159	0
Pacific Southwest Total	33,805	1,126	2,225	171	1,865	201	0	1,014	709	10,852	13,184	1,341	1,116	561
West														
120 +	25,870	11,017	713	38	2,269	3,161	129	226	546	2,016	4,705	2	1,049	0
85 to 119	18,546	5,183	1,632	23	3,989	1,540	370	428	50	2,389	2,574	6	361	0
50 to 84	35,692	8,017	6,152	21	7,944	2,583	821	2,228	0	2,206	4,452	27	1,242	0
20 to 49	63,619	10,501	13,069	38	10,312	2,891	223	7,825	0	3,607	11,379	241	3,534	0
Other forest	138,889	293	326	24	30,073	3,506	12	887	0	49,777	18,877	29,584	5,530	30,082
Reserved	63,326	3,615	1,241	111	19,380	5,801	111	4,159	117	18,199	4,766	2,239	3,586	0
West Total	345,943	38,627	23,132	256	73,967	19,481	1,666	15,753	713	78,193	46,752	32,099	15,302	30,082
National forest														
Great Plains														
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	13	0	9	0	0	0	0	0	0	0	0	0	4	0
50 to 84	138	0	114	0	18	0	0	0	0	0	6	0	0	0
20 to 49	920	0	710	0	32	0	0	0	0	13	74	12	80	0
Other forest	38	0	0	0	0	0	0	0	0	0	6	25	7	26
Reserved	22	0	14	0	0	0	0	0	0	3	0	0	4	0
Great Plains Total	1,131	0	847	0	50	0	0	0	0	16	85	37	96	26
Intermountain														
120 +	1,259	453	60	7	529	128	41	7	0	6	6	0	23	0
85 to 119	3,715	1,085	210	11	1,651	269	175	168	0	0	55	0	90	0
50 to 84	13,088	3,161	1,192	0	5,012	373	437	1,299	0	37	1,164	0	412	0
20 to 49	25,808	5,109	4,219	7	5,439	157	104	5,490	0	1,010	3,022	0	1,251	0
Other forest	13,541	100	57	0	109	0	0	328	0	989	2,664	8,522	771	3,842
Reserved	12,586	1,768	557	0	4,928	26	15	1,758	0	835	795	846	1,058	0
Intermountain Total	69,997	11,676	6,296	25	17,668	953	772	9,051	0	2,877	7,707	9,368	3,605	3,842

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Alaska														
120 +	204	0	0	0	0	204	0	0	0	0	0	0	0	0
85 to 119	382	0	0	0	4	370	0	0	0	0	8	0	0	0
50 to 84	1,149	0	0	0	12	1,104	0	7	0	0	26	0	0	0
20 to 49	1,941	0	0	0	15	1,852	0	49	0	0	26	0	0	0
Other forest	3,054	0	0	0	11	2,745	0	281	0	0	16	0	0	0
Reserved	4,053	0	0	0	0	3,941	0	19	0	0	93	0	0	0
Alaska Total	10,783	0	0	0	43	10,215	0	356	0	0	169	0	0	0
Pacific Northwest														
120 +	4,207	2,167	117	6	564	781	43	147	0	2	291	0	89	0
85 to 119	3,310	1,488	380	10	771	255	45	142	0	18	126	0	74	0
50 to 84	5,322	1,454	1,584	5	1,091	231	147	439	0	41	149	0	181	0
20 to 49	4,673	1,034	1,528	6	509	153	42	894	0	191	67	0	249	0
Other forest	785	97	27	6	102	115	12	42	0	235	81	5	61	2
Reserved	4,317	891	144	0	1,483	848	59	322	0	202	194	0	175	0
Pacific Northwest Total	22,615	7,132	3,780	33	4,520	2,384	347	1,987	0	690	908	5	829	2
Pacific Southwest														
120 +	2,114	45	135	0	348	0	0	10	0	1,161	360	0	54	0
85 to 119	2,632	90	132	3	460	0	0	18	0	1,404	462	0	62	0
50 to 84	2,649	70	431	14	232	7	0	57	0	1,312	407	0	120	0
20 to 49	1,742	59	481	25	24	11	0	147	0	532	334	17	111	0
Other forest	2,693	11	26	18	11	18	0	85	0	918	1,072	489	46	210
Reserved	3,471	73	170	88	337	73	0	385	14	1,299	783	136	115	0
Pacific Southwest Total	15,301	348	1,376	148	1,412	109	0	702	14	6,626	3,417	641	509	210
West Total														
120 +	7,784	2,665	312	13	1,441	1,113	84	164	0	1,170	657	0	166	0
85 to 119	10,052	2,663	731	23	2,887	893	220	328	0	1,422	652	0	231	0
50 to 84	22,347	4,685	3,322	19	6,365	1,714	584	1,802	0	1,390	1,753	0	714	0
20 to 49	35,084	6,203	6,938	38	6,018	2,173	146	6,581	0	1,746	3,522	28	1,691	0
Other forest	20,111	208	111	24	234	2,878	12	736	0	2,143	3,839	9,041	885	4,080
Reserved	24,449	2,732	886	88	6,747	4,889	74	2,484	14	2,338	1,864	981	1,353	0
West Total	119,828	19,156	12,300	206	23,693	13,660	1,119	12,095	14	10,208	12,287	10,051	5,039	4,080

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hardwoods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Other public														
Great Plains														
120 +	9	0	0	4	0	0	0	0	0	0	5	0	0	0
85 to 119	38	0	0	0	0	0	0	0	0	0	36	0	2	0
50 to 84	104	0	24	0	0	0	0	0	0	6	74	0	0	0
20 to 49	282	0	46	0	5	0	0	0	0	29	156	13	33	0
Other forest	44	0	0	0	0	0	0	0	0	9	28	7	0	0
Reserved	41	0	11	0	0	0	0	0	0	3	9	13	5	0
Great Plains Total	518	0	80	4	5	0	0	0	0	47	308	33	40	0
Intermountain														
120 +	225	54	7	0	119	29	7	8	0	0	0	0	0	0
85 to 119	569	198	37	0	226	25	29	7	0	8	22	0	16	0
50 to 84	1,154	360	160	2	316	63	47	52	0	0	113	0	41	0
20 to 49	3,879	1,057	872	0	378	20	28	321	0	328	480	0	393	0
Other forest	15,478	19	27	0	37	0	0	39	0	837	1,047	11,156	2,316	15,608
Reserved	4,542	186	231	7	1,022	7	34	1,308	0	131	245	965	407	0
Intermountain Total	25,847	1,875	1,335	9	2,098	144	146	1,735	0	1,304	1,906	12,121	3,173	15,608
Alaska														
120 +	75	0	0	0	0	47	0	0	0	0	28	0	0	0
85 to 119	112	0	0	0	0	86	0	0	0	0	26	0	0	0
50 to 84	379	0	0	0	16	253	0	0	0	0	94	0	16	0
20 to 49	5,279	0	0	0	2,025	298	0	26	0	57	2,795	0	79	0
Other forest	46,203	0	0	0	7,617	251	0	6	0	34,128	3,420	0	781	0
Reserved	29,676	0	0	0	11,005	201	0	0	0	14,940	1,775	0	1,756	0
Alaska Total	81,724	0	0	0	20,663	1,135	0	32	0	49,124	8,138	0	2,631	0
Pacific Northwest														
120 +	3,569	2,320	21	0	111	526	6	0	0	5	544	0	36	0
85 to 119	929	504	90	0	85	60	16	6	0	0	154	0	14	0
50 to 84	926	464	181	0	49	4	22	23	0	19	140	0	25	0
20 to 49	623	244	147	0	20	17	0	71	0	19	80	0	26	0
Other forest	1,392	24	15	0	0	15	0	7	0	1,156	112	0	63	12
Reserved	1,902	531	55	0	406	655	3	83	0	68	93	0	8	0
Pacific Northwest Total	9,341	4,087	508	0	671	1,278	46	189	0	1,267	1,122	0	172	12

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group													All types
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Pacific Southwest														
120 +	501	25	0	0	12	0	0	0	25	44	214	2	179	0
85 to 119	93	12	9	0	0	0	0	0	0	25	46	0	0	0
50 to 84	137	3	17	0	0	0	0	0	0	47	68	0	2	0
20 to 49	82	0	14	0	0	0	0	16	0	27	19	0	6	0
Other forest	1,484	0	4	0	0	0	0	0	0	471	696	274	39	292
Reserved	2,407	63	53	16	148	41	0	228	104	667	775	268	44	0
Pacific Southwest Total	4,704	104	97	16	160	41	0	243	129	1,282	1,818	544	270	292
West Total														
120 +	4,379	2,400	28	4	242	602	13	8	25	49	791	2	215	0
85 to 119	1,740	715	136	0	312	171	46	13	0	33	284	0	31	0
50 to 84	2,700	828	382	2	380	320	69	75	0	72	488	0	84	0
20 to 49	10,145	1,301	1,079	0	2,429	335	28	434	0	460	3,528	13	537	0
Other forest	64,602	42	46	0	7,654	267	0	51	0	36,601	5,304	11,438	3,199	15,912
Reserved	38,568	780	349	24	12,581	904	37	1,619	104	15,809	2,897	1,246	2,220	0
West Total	122,134	6,066	2,020	29	23,597	2,599	193	2,200	129	53,024	13,293	12,698	6,286	15,912
Private corporate														
Great Plains														
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	0	0	0	0	0	0	0	0	0	0	0	0	0	0
50 to 84	30	0	1	0	0	0	0	0	0	6	23	0	0	0
20 to 49	106	0	26	0	0	0	0	0	0	22	41	17	0	0
Other forest	12	0	0	0	0	0	0	0	0	6	0	0	6	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Great Plains Total	148	0	26	0	0	0	0	0	0	35	64	17	6	0
Intermountain														
120 +	348	84	9	7	195	31	0	0	0	0	0	0	21	0
85 to 119	584	163	46	0	181	114	28	7	0	0	26	0	17	0
50 to 84	1,039	359	124	0	269	48	64	79	0	0	57	0	39	0
20 to 49	1,801	747	350	0	156	0	29	152	0	7	160	0	200	0
Other forest	1,081	0	24	0	0	0	0	0	0	22	309	663	62	342
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermountain Total	4,853	1,353	554	7	802	193	121	239	0	29	552	663	339	342

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Alaska														
120 +	69	0	0	0	0	57	0	0	0	0	5	0	7	0
85 to 119	163	0	0	0	0	133	0	0	0	0	30	0	0	0
50 to 84	382	0	0	0	19	318	0	0	0	0	36	0	10	0
20 to 49	2,161	0	0	0	1,074	335	0	0	0	92	625	0	35	0
Other forest	29,858	0	0	0	20,046	273	0	15	0	8,548	716	0	258	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Alaska Total	32,634	0	0	0	21,139	1,117	0	15	0	8,640	1,413	0	310	0
Pacific Northwest														
120 +	6,540	4,094	63	0	155	956	11	7	5	1	1,000	0	249	0
85 to 119	1,294	690	154	0	151	101	19	2	0	5	148	0	25	0
50 to 84	1,604	522	537	0	227	52	9	64	0	8	148	0	37	0
20 to 49	990	228	361	0	86	0	12	227	0	18	31	0	27	0
Other forest	277	8	20	0	11	16	0	15	0	83	123	0	0	2
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Total	10,705	5,542	1,135	0	631	1,125	50	315	5	115	1,451	0	338	2
Pacific Southwest														
120 +	1,681	197	89	7	34	34	0	7	326	512	425	0	51	0
85 to 119	1,331	111	78	0	126	0	0	4	19	608	365	0	19	0
50 to 84	782	48	112	0	55	0	0	0	0	286	249	0	32	0
20 to 49	270	0	93	0	1	0	0	15	0	81	66	0	14	0
Other forest	653	0	3	0	0	0	0	0	0	151	477	20	2	8
Reserved	6	0	0	0	0	0	0	0	0	3	3	0	0	0
Pacific Southwest Total	4,723	356	375	7	216	34	0	26	345	1,640	1,585	20	118	8
West Total														
120 +	8,639	4,376	161	14	384	1,079	11	14	330	513	1,430	0	328	0
85 to 119	3,372	964	278	0	459	348	47	13	19	614	569	0	61	0
50 to 84	3,837	929	774	0	570	418	73	143	0	300	513	0	117	0
20 to 49	5,328	974	830	0	1,317	336	41	394	0	220	922	17	277	0
Other forest	31,881	8	48	0	20,057	289	0	31	0	8,810	1,626	683	329	352
Reserved	6	0	0	0	0	0	0	0	0	3	3	0	0	0
West Total	53,062	7,251	2,091	14	22,787	2,470	171	595	349	10,459	5,064	700	1,111	352

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hardwoods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Private noncorporate														
Great Plains														
120 +	37	0	0	0	0	0	0	0	0	2	35	0	0	0
85 to 119	287	0	6	0	0	0	0	0	0	54	213	6	7	0
50 to 84	1,012	0	33	0	0	0	0	0	0	199	724	27	29	0
20 to 49	3,202	0	392	0	6	0	0	0	0	877	1,585	181	161	0
Other forest	388	0	1	0	0	0	0	0	0	72	254	38	22	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Great Plains Total	4,927	0	433	0	6	0	0	0	0	1,205	2,812	252	219	0
Intermountain														
120 +	199	58	48	7	38	20	9	3	0	0	6	0	9	0
85 to 119	621	208	85	0	163	55	42	8	0	0	59	0	2	0
50 to 84	2,694	779	683	0	514	29	47	100	0	0	385	0	157	0
20 to 49	7,861	1,642	3,241	0	377	0	8	355	0	176	1,313	0	749	0
Other forest	12,246	14	99	0	0	0	0	42	0	380	2,540	8,235	934	9,686
Reserved	297	103	6	0	46	8	0	56	0	49	2	12	14	0
Intermountain Total	23,918	2,805	4,163	7	1,138	113	106	564	0	605	4,305	8,247	1,865	9,686
Alaska														
120 +	0	0	0	0	0	0	0	0	0	0	0	0	0	0
85 to 119	5	0	0	0	0	5	0	0	0	0	0	0	0	0
50 to 84	73	0	0	0	10	23	0	0	0	0	40	0	0	0
20 to 49	443	0	0	0	89	20	0	0	0	0	327	0	6	0
Other forest	2,910	0	0	0	2,110	51	0	5	0	398	220	0	125	0
Reserved	6	0	0	0	6	0	0	0	0	0	0	0	0	0
Alaska Total	3,437	0	0	0	2,216	99	0	5	0	398	587	0	131	0
Pacific Northwest														
120 +	3,151	1,398	73	0	132	336	14	30	0	22	990	0	157	0
85 to 119	1,476	497	291	0	141	67	16	65	0	20	349	0	29	0
50 to 84	2,301	751	848	0	88	72	49	94	0	57	211	0	130	0
20 to 49	1,283	365	517	0	74	27	0	40	0	52	119	0	88	0
Other forest	1,351	20	21	0	17	21	0	22	0	840	371	13	26	2
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Northwest Total	9,561	3,031	1,750	0	453	524	79	251	0	991	2,040	13	431	2

Table 5. (cont.) Forest and woodland area in the Western United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group													All types
	All forest types	Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
Pacific Southwest														
120 +	1,681	121	91	0	31	11	0	7	191	260	794	0	176	0
85 to 119	993	137	104	0	27	0	0	0	31	246	449	0	0	0
50 to 84	728	45	110	0	17	6	0	14	0	188	337	0	11	0
20 to 49	274	16	71	0	2	0	0	22	0	76	62	1	25	0
Other forest	5,400	0	0	0	0	0	0	0	0	533	4,723	135	9	52
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pacific Southwest Total	9,077	318	376	0	77	17	0	43	221	1,304	6,365	137	220	52
West Total														
120 +	5,068	1,576	212	7	202	367	22	40	191	284	1,826	0	341	0
85 to 119	3,383	842	487	0	331	127	58	73	31	320	1,069	6	38	0
50 to 84	6,808	1,576	1,674	0	629	131	96	208	0	444	1,698	27	327	0
20 to 49	13,063	2,023	4,222	0	548	47	8	416	0	1,181	3,406	182	1,029	0
Other forest	22,295	34	121	0	2,128	73	0	69	0	2,224	8,108	8,422	1,117	9,740
Reserved	303	103	6	0	52	8	0	56	0	49	2	12	14	0
West Total	50,919	6,153	6,722	7	3,889	753	184	863	221	4,502	16,109	8,650	2,866	9,740

^a Productivity classes are displayed as cubic feet per acre per year.

^b Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semiarid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

Note: Data may not add to totals because of rounding.

Table 6. Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
All ownership groups														
Northeast														
120 +	2,399	257	260	0	33	140	578	1	236	758	89	34	12	0
85 to 119	11,108	916	1,301	0	168	527	3,063	9	471	3,917	542	125	69	0
50 to 84	30,278	1,908	3,408	0	250	1,219	8,552	101	1,008	11,858	1,449	415	109	0
20 to 49	36,036	902	2,085	0	777	936	10,979	349	2,145	15,492	1,252	799	319	0
Other forest	474	6	173	0	8	8	75	1	92	14	9	22	65	0
Reserved	4,550	187	538	0	55	48	700	5	76	2,605	247	73	17	0
Northeast Total	84,846	4,177	7,765	0	1,293	2,877	23,946	467	4,028	34,645	3,588	1,466	593	0
North Central														
120 +	3,951	626	82	0	47	186	1,528	11	553	452	404	28	34	0
85 to 119	19,114	1,463	435	0	148	554	7,385	122	2,741	2,452	3,588	82	143	0
50 to 84	34,525	1,317	1,324	0	129	946	14,532	65	4,254	6,024	5,308	317	308	0
20 to 49	29,966	1,275	5,456	0	30	1,016	7,974	14	4,258	5,886	2,998	667	392	0
Other forest	1,179	112	240	0	0	51	324	0	186	39	155	53	19	0
Reserved	1,994	200	369	0	9	84	380	0	123	322	460	34	13	0
North Central Total	90,730	4,994	7,905	0	362	2,837	32,124	212	12,115	15,175	12,913	1,182	910	0
Southeast														
120 +	14,030	220	0	1,232	7,249	1,598	2,408	730	282	189	2	26	95	0
85 to 119	24,171	47	2	3,422	7,472	2,830	6,255	2,553	679	471	0	127	314	0
50 to 84	36,711	64	0	4,094	6,869	4,341	13,107	5,401	1,178	728	0	396	531	0
20 to 49	11,843	17	18	1,289	1,226	1,204	4,928	1,877	300	216	0	415	354	0
Other forest	596	0	0	27	65	21	46	95	119	4	0	159	59	0
Reserved	2,493	18	8	191	44	148	824	820	72	113	0	236	20	0
Southeast Total	89,844	366	27	10,256	22,925	10,141	27,567	11,477	2,630	1,721	2	1,360	1,373	0
South Central														
120 +	22,674	40	0	468	11,272	2,301	4,600	2,346	1,064	246	0	180	158	0
85 to 119	34,628	25	0	966	12,321	3,823	9,763	4,139	2,377	655	0	284	275	0
50 to 84	47,022	54	0	1,165	9,051	4,721	20,460	4,832	3,995	1,309	0	1,063	372	0
20 to 49	18,969	9	0	192	944	1,306	11,751	981	2,524	398	0	630	233	0
Other forest	30,423	0	0	0	7	428	11,156	633	2,572	79	0	11,992	3,555	22,497
Reserved	1,157	8	0	8	171	121	610	70	35	81	0	28	26	0
South Central Total	154,872	136	0	2,799	33,766	12,700	58,340	13,002	12,566	2,767	0	14,176	4,619	0

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
East Total														
120 +	43,054	1,143	341	1,700	18,600	4,225	9,114	3,088	2,135	1,645	495	268	300	0
85 to 119	89,021	2,452	1,737	4,388	20,109	7,734	26,466	6,823	6,268	7,495	4,130	618	801	0
50 to 84	148,537	3,344	4,732	5,259	16,300	11,226	56,652	10,400	10,435	19,920	6,757	2,191	1,321	0
20 to 49	96,814	2,203	7,559	1,481	2,977	4,463	35,632	3,221	9,226	21,992	4,250	2,511	1,298	0
Other forest	32,671	118	413	27	81	507	11,601	730	2,969	136	163	12,226	3,699	0
Reserved	10,194	413	914	200	279	400	2,513	895	306	3,120	707	370	76	0
East Total	420,292	9,673	15,698	13,056	58,346	28,556	141,978	25,157	31,339	54,308	16,503	18,184	7,495	22,497
National forest														
Northeast														
120 +	52	5	9	0	0	0	12	0	0	27	0	0	0	0
85 to 119	225	9	28	0	0	8	41	0	0	130	0	8	0	0
50 to 84	838	27	83	0	0	13	179	0	0	491	22	22	0	0
20 to 49	1,328	17	59	0	5	33	290	0	2	823	60	40	0	0
Other forest	32	0	9	0	3	0	16	0	0	0	0	4	0	0
Reserved	360	0	93	0	0	0	18	0	0	192	48	9	0	0
Northeast Total	2,836	57	281	0	8	54	556	0	2	1,663	130	85	0	0
North Central														
120 +	383	96	9	0	32	36	104	0	20	33	52	1	0	0
85 to 119	2,042	327	80	0	89	140	609	6	61	208	518	4	0	0
50 to 84	2,704	279	208	0	40	108	804	3	66	569	610	16	1	0
20 to 49	2,772	268	742	0	0	88	413	0	161	652	382	37	29	0
Other forest	149	30	43	0	0	6	14	0	22	2	32	0	0	0
Reserved	1,008	149	276	0	4	60	82	0	27	70	306	25	8	0
North Central Total	9,058	1,150	1,358	0	166	438	2,026	9	358	1,534	1,899	83	37	0
Southeast														
120 +	527	55	0	22	186	97	144	6	14	3	0	0	0	0
85 to 119	785	11	0	98	214	97	301	36	8	12	0	9	0	0
50 to 84	2,145	20	0	340	253	190	1,082	170	19	37	0	18	17	0
20 to 49	1,773	2	6	109	156	174	1,183	51	11	64	0	0	17	0
Other forest	36	0	0	0	12	0	12	6	0	0	0	6	0	0
Reserved	396	6	0	3	20	41	238	36	6	21	0	25	0	0
Southeast Total	5,662	93	6	572	841	598	2,960	304	58	137	0	59	34	0

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
South Central														
120 +	1,462	0	0	77	805	232	243	89	12	6	0	0	0	0
85 to 119	1,696	9	0	179	666	169	529	78	23	42	0	0	1	0
50 to 84	3,097	30	0	309	857	440	1,323	49	7	52	0	23	6	0
20 to 49	1,211	0	0	30	156	81	890	13	20	18	0	1	3	0
Other forest	60	0	0	0	1	0	43	8	0	0	0	8	0	0
Reserved	319	0	0	8	102	29	156	6	7	11	0	0	0	0
South Central Total	7,845	39	0	603	2,586	951	3,184	242	70	129	0	32	11	0
East Total														
120 +	2,425	155	18	99	1,022	365	503	95	47	69	52	1	0	0
85 to 119	4,748	355	108	277	970	415	1,480	119	91	392	518	21	1	0
50 to 84	8,784	357	291	649	1,149	750	3,389	221	93	1,150	632	80	24	0
20 to 49	7,084	286	807	139	317	376	2,776	64	194	1,557	441	78	49	0
Other forest	277	30	52	0	16	6	85	13	22	2	32	18	0	0
Reserved	2,083	155	369	11	126	129	493	42	40	295	354	60	8	0
East Total	25,401	1,339	1,644	1,175	3,600	2,041	8,726	555	487	3,464	2,029	259	82	0
Other public														
Northeast														
120 +	234	28	56	0	8	3	51	1	12	75	0	0	0	0
85 to 119	1,225	173	110	0	64	71	364	1	60	326	32	20	2	0
50 to 84	3,550	232	232	0	55	161	1,345	28	139	1,212	64	60	21	0
20 to 49	6,124	111	141	0	368	224	2,648	150	305	1,761	118	247	49	0
Other forest	66	1	21	0	5	5	14	0	10	0	0	0	10	0
Reserved	4,189	187	445	0	55	48	681	5	76	2,413	199	63	17	0
Northeast Total	15,388	733	1,006	0	556	512	5,103	185	603	5,787	413	391	99	0
North Central														
120 +	598	121	33	0	7	20	178	0	94	23	115	2	5	0
85 to 119	3,505	421	103	0	6	100	808	44	347	356	1,278	17	26	0
50 to 84	6,360	416	454	0	8	187	1,668	12	664	933	1,873	66	77	0
20 to 49	7,391	455	2,769	0	5	181	862	2	907	964	1,017	121	109	0
Other forest	345	45	136	0	0	12	24	0	43	2	55	17	10	0
Reserved	980	51	93	0	4	25	292	0	96	251	155	9	5	0
North Central Total	19,179	1,509	3,587	0	30	524	3,833	58	2,151	2,529	4,492	232	233	0

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group													All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Wood-land ^b	
<i>Thousand acres</i>															
Southeast															
120 +	750	10	0	107	353	80	116	48	30	5	0	2	0	0	
85 to 119	1,660	2	0	415	414	187	309	250	34	15	0	12	23	0	
50 to 84	3,541	6	0	823	391	450	802	783	100	11	0	70	105	0	
20 to 49	2,143	0	12	483	252	185	400	524	37	12	0	154	83	0	
Other forest	326	0	0	15	18	15	11	54	66	0	0	117	31	0	
Reserved	2,086	12	8	188	25	107	586	784	66	92	0	198	20	0	
Southeast Total	10,507	29	20	2,032	1,453	1,025	2,224	2,444	332	134	0	553	261	0	
South Central															
120 +	1,017	0	0	10	256	109	244	245	123	23	0	3	3	0	
85 to 119	1,558	3	0	37	216	117	372	546	230	23	0	6	9	0	
50 to 84	2,921	3	0	84	242	181	938	798	491	69	0	71	42	0	
20 to 49	1,131	0	0	27	39	62	591	124	206	17	0	41	24	0	
Other forest	1,266	0	0	0	0	68	364	29	178	0	0	485	142	1,328	
Reserved	838	8	0	0	69	92	454	64	27	69	0	28	26	0	
South Central Total	8,731	14	0	158	823	629	2,964	1,805	1,255	201	0	634	247	1,328	
East Total															
120 +	2,599	159	88	117	624	212	590	294	259	126	115	6	8	0	
85 to 119	7,948	599	213	452	700	476	1,852	841	670	720	1,311	55	60	0	
50 to 84	16,371	657	686	908	696	979	4,753	1,622	1,395	2,225	1,937	267	246	0	
20 to 49	16,789	567	2,922	509	664	652	4,502	799	1,455	2,754	1,135	564	266	0	
Other forest	2,004	47	157	15	24	100	413	83	297	2	55	619	193	0	
Reserved	8,093	258	546	188	154	271	2,014	853	265	2,825	353	298	68	0	
East Total	53,804	2,286	4,613	2,190	2,862	2,690	14,123	4,492	4,341	8,652	4,905	1,809	840	1,328	
Private corporate															
Northeast															
120 +	529	17	96	0	5	6	158	0	20	197	25	5	2	0	
85 to 119	3,305	100	725	0	30	67	734	0	113	1,227	272	32	6	0	
50 to 84	8,534	262	2,223	0	61	144	1,754	10	96	3,191	672	95	28	0	
20 to 49	8,921	192	1,346	0	115	142	1,804	32	358	4,359	397	126	51	0	
Other forest	142	0	76	0	0	0	18	0	12	11	9	6	11	0	
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Northeast Total	21,432	570	4,466	0	211	358	4,467	42	598	8,985	1,374	264	97	0	

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
North Central														
120 +	398	73	6	0	0	7	148	0	66	49	39	3	7	0
85 to 119	1,442	133	67	0	6	39	410	6	193	243	332	0	12	0
50 to 84	2,827	111	167	0	20	82	730	6	311	850	516	25	9	0
20 to 49	2,935	156	487	0	13	77	423	0	312	1,122	277	42	26	0
Other forest	126	19	11	0	0	4	33	0	19	19	14	6	1	0
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
North Central Total	7,729	492	738	0	39	209	1,745	12	901	2,282	1,179	76	56	0
Southeast														
120 +	5,027	21	0	544	3,106	414	480	273	97	36	0	6	50	0
85 to 119	8,044	6	0	1,527	2,968	775	1,359	968	212	34	0	44	152	0
50 to 84	10,562	9	0	1,907	2,443	1,133	2,327	1,940	364	128	0	79	232	0
20 to 49	2,866	3	0	421	298	245	888	589	111	49	0	108	155	0
Other forest	130	0	0	6	17	0	6	9	35	4	0	36	17	0
Reserved	8	0	0	0	0	0	0	0	0	0	0	8	0	0
Southeast Total	26,637	39	0	4,406	8,831	2,567	5,059	3,779	819	250	0	281	606	0
South Central														
120 +	8,296	9	0	277	4,994	644	999	759	385	56	0	85	88	0
85 to 119	11,940	4	0	424	5,953	1,179	2,091	1,250	768	96	0	97	78	0
50 to 84	11,667	11	0	353	4,135	1,144	3,217	1,526	818	193	0	154	114	0
20 to 49	2,810	3	0	30	351	210	1,342	336	344	63	0	66	64	0
Other forest	3,896	0	0	0	0	57	1,045	95	354	14	0	1,501	830	4,074
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0
South Central Total	38,608	27	0	1,085	15,434	3,234	8,695	3,966	2,669	423	0	1,903	1,173	4,074
East Total														
120 +	14,250	119	102	821	8,106	1,070	1,784	1,032	569	337	64	100	146	0
85 to 119	24,731	244	792	1,952	8,957	2,059	4,595	2,223	1,285	1,600	604	172	248	0
50 to 84	33,590	393	2,390	2,260	6,659	2,503	8,029	3,482	1,588	4,362	1,188	353	383	0
20 to 49	17,532	354	1,833	452	777	673	4,457	957	1,125	5,593	675	342	296	0
Other forest	4,294	19	87	6	17	61	1,102	104	420	49	23	1,548	859	0
Reserved	8	0	0	0	0	0	0	0	0	0	0	8	0	0
East Total	94,406	1,129	5,204	5,491	24,515	6,368	19,966	7,799	4,987	11,940	2,553	2,523	1,932	4,074

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group													All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Wood-land ^b	
<i>Thousand acres</i>															
Private noncorporate															
Northeast															
120 +	1,583	208	99	0	20	131	357	0	204	459	65	29	11	0	
85 to 119	6,354	635	437	0	74	381	1,924	8	298	2,234	237	65	61	0	
50 to 84	17,356	1,387	870	0	134	902	5,274	63	773	6,964	692	237	60	0	
20 to 49	19,662	582	539	0	289	537	6,237	167	1,480	8,549	678	385	219	0	
Other forest	234	5	67	0	0	3	28	1	70	4	0	12	45	0	
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Northeast Total	45,190	2,816	2,013	0	518	1,953	13,820	239	2,825	18,210	1,672	727	396	0	
North Central															
120 +	2,572	336	34	0	8	124	1,097	11	372	347	198	23	22	0	
85 to 119	12,125	583	185	0	46	275	5,559	66	2,140	1,646	1,460	61	105	0	
50 to 84	22,634	511	494	0	61	568	11,329	44	3,213	3,673	2,309	211	221	0	
20 to 49	16,868	395	1,458	0	12	670	6,276	13	2,878	3,148	1,322	467	228	0	
Other forest	558	18	50	0	0	29	253	0	102	16	54	30	8	0	
Reserved	7	0	0	0	0	0	7	0	0	0	0	0	0	0	
North Central Total	54,764	1,843	2,222	0	128	1,666	24,521	133	8,705	8,829	5,342	792	584	0	
Southeast															
120 +	7,726	134	0	559	3,603	1,007	1,668	403	141	145	2	18	46	0	
85 to 119	13,681	29	2	1,381	3,877	1,770	4,286	1,299	426	411	0	62	139	0	
50 to 84	20,463	29	0	1,024	3,783	2,568	8,896	2,508	696	552	0	229	178	0	
20 to 49	5,061	12	0	276	520	601	2,457	713	140	91	0	153	98	0	
Other forest	104	0	0	6	18	6	18	26	19	0	0	0	11	0	
Reserved	4	0	0	0	0	0	0	0	0	0	0	4	0	0	
Southeast Total	47,038	204	2	3,246	11,801	5,951	17,324	4,949	1,421	1,199	2	467	471	0	
South Central															
120 +	11,899	31	0	104	5,216	1,317	3,114	1,254	542	161	0	91	67	0	
85 to 119	19,434	9	0	326	5,486	2,358	6,770	2,266	1,357	494	0	181	186	0	
50 to 84	29,338	10	0	419	3,817	2,955	14,982	2,459	2,678	994	0	814	210	0	
20 to 49	13,817	6	0	105	398	953	8,928	508	1,954	300	0	522	142	0	
Other forest	25,200	0	0	0	6	303	9,703	502	2,039	64	0	9,999	2,584	17,095	
Reserved	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
South Central Total	99,688	56	0	954	14,924	7,887	43,497	6,990	8,571	2,014	0	11,607	3,189	17,095	

Table 6. (cont.) Forest and woodland area in the Eastern United States by forest-type group, subregion, productivity class, and ownership group, 2012.

Subregion and productivity class ^a	Forest-type group												All types	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked	Woodland ^b
<i>Thousand acres</i>														
East Total														
120 +	23,780	709	134	663	8,848	2,578	6,237	1,668	1,260	1,113	264	161	145	0
85 to 119	51,594	1,255	624	1,707	9,483	4,784	18,539	3,639	4,221	4,784	1,697	369	491	0
50 to 84	89,791	1,937	1,364	1,442	7,795	6,994	40,482	5,074	7,359	12,183	3,001	1,491	669	0
20 to 49	55,409	996	1,997	381	1,220	2,761	23,898	1,401	6,452	12,089	1,999	1,527	688	0
Other forest	26,096	22	117	6	24	340	10,001	529	2,230	84	54	10,040	2,648	0
Reserved	10	0	0	0	0	0	7	0	0	0	0	4	0	0
East Total	246,680	4,919	4,236	4,200	27,370	17,457	99,162	12,312	21,523	30,252	7,015	13,593	4,640	17,095

^a Productivity classes are displayed as cubic feet per acre per year.

^b Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semiarid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

Note: Data may not add to totals because of rounding.

Table 7. Forest and woodland area in the Eastern and Western United States by rural-urban continuum class and forest-type group, 2012.

Forest-type group	Predominant county population continuum class					
	Total	Major metro	Intermediate-small metro	Large town	Small town	Rural
<i>Thousand acres</i>						
East						
White-red-jack pine	9,673	1,928	1,457	693	3,606	1,988
Spruce-fir	15,698	1,326	1,035	1,300	8,748	3,288
Longleaf-slash pine	13,056	3,210	3,688	9	5,121	1,027
Loblolly-shortleaf pine	58,346	12,971	10,795	1,557	22,943	10,081
Oak-pine	28,556	7,303	5,551	868	10,160	4,673
Oak-hickory	141,978	35,038	26,278	3,540	50,661	26,462
Oak-gum-cypress	25,157	6,163	5,707	738	9,504	3,046
Elm-ash-cottonwood	31,339	8,651	5,878	1,336	11,620	3,853
Maple-beech-birch	54,308	8,505	10,129	4,105	21,777	9,792
Aspen-birch	16,503	2,493	1,089	1,121	7,823	3,978
Other forest types	18,184	4,259	2,703	461	7,428	3,333
Nonstocked	7,495	1,325	1,504	223	2,877	1,566
East Total	420,292	93,172	75,814	15,950	162,268	73,088
West						
Douglas-fir	38,627	6,176	9,823	3,227	12,810	6,590
Ponderosa pine	23,132	1,846	4,826	1,478	9,415	5,567
Western white pine	256	71	37	4	83	62
Fir-spruce	73,967	2,457	3,778	3,006	15,404	49,322
Hemlock-Sitka spruce	19,481	1,467	2,210	1,151	7,326	7,328
Larch	1,666	6	166	264	872	359
Lodgepole pine	15,753	1,270	1,315	2,114	7,807	3,248
Redwood	713	178	251	251	33	0
Other softwoods	77,784	2,639	3,559	837	8,930	61,819
Western hardwoods	46,752	7,217	9,365	3,776	11,896	14,499
Pinyon-juniper	32,099	2,142	6,872	1,546	15,698	5,841
Other forest types	409	20	16	91	97	185
Nonstocked	15,302	1,168	2,208	1,414	4,766	5,747
West Total	345,943	26,658	44,424	19,157	95,138	160,566
U.S. Total	766,234	119,829	120,239	35,107	257,405	233,653
Woodland^a						
East Total	22,498	557	3,394	958	10,403	7,186
West Total	30,082	2,571	9,659	1,871	11,378	4,604
U.S. Total	52,580	3,129	13,052	2,828	21,781	11,790

^a Some low productivity and reserved forest land has not been inventoried and its forest-type group remains unclassified.

Note: Data may not add to totals because of rounding.

Table 8. Area of forest and woodland by region, forest-type group, ownership class, and stand origin, 2012.

Region and forest-type group	All owners			National forest			Other public			Private corporate			Private noncorporate		
	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin
<i>Thousand acres</i>															
North															
White-red-jack pine	9,171	2,923	6,248	1,207	547	660	2,242	827	1,415	1,063	372	691	4,659	1,177	3,482
Spruce-fir	15,670	679	14,992	1,638	57	1,582	4,593	165	4,428	5,204	178	5,027	4,235	280	3,955
Loblolly-shortleaf pine	1,655	364	1,291	174	79	94	586	63	523	250	87	163	645	134	511
Oak-pine	5,715	408	5,307	493	79	413	1,036	93	943	567	83	484	3,619	153	3,466
Oak-hickory	56,070	417	55,654	2,582	25	2,557	8,936	85	8,851	6,212	77	6,135	38,341	230	38,110
Oak-gum-cypress	679	2	676	9	–	9	243	1	242	54	0	54	373	2	371
Elm-ash-cottonwood	16,143	272	15,871	360	2	357	2,754	51	2,703	1,499	47	1,452	11,530	171	11,359
Maple-beech-birch	49,820	526	49,294	3,198	9	3,189	8,316	91	8,225	11,267	115	11,151	27,039	310	26,729
Aspen-birch	16,502	223	16,279	2,029	42	1,987	4,905	57	4,849	2,553	22	2,532	7,014	102	6,911
Other forest types	2,648	102	2,546	168	1	167	622	17	605	339	22	317	1,519	62	1,457
Nonstocked	1,503	75	1,428	37	0	37	333	7	325	153	10	143	980	57	923
North Total	175,575	5,990	169,585	11,894	842	11,052	34,566	1,457	33,109	29,161	1,013	28,148	99,954	2,678	97,276
South															
White-red-jack pine	502	75	427	132	2	130	44	5	39	66	10	56	260	58	202
Spruce-fir	27	2	26	6	0	6	20	0	20	0	0	0	2	2	0
Longleaf-slash pine	13,056	7,302	5,754	1,175	251	924	2,190	654	1,536	5,491	4,040	1,451	4,200	2,357	1,843
Loblolly-shortleaf pine	56,691	32,451	24,241	3,426	721	2,705	2,276	598	1,678	24,265	18,361	5,904	26,725	12,771	13,954
Oak-pine	22,841	3,520	19,321	1,549	77	1,472	1,654	98	1,556	5,800	1,714	4,087	13,838	1,632	12,206
Oak-hickory	85,907	2,118	83,789	6,144	40	6,104	5,187	84	5,104	13,755	947	12,808	60,822	1,048	59,774
Oak-gum-cypress	24,479	539	23,940	546	6	540	4,249	105	4,143	7,745	149	7,596	11,939	279	11,660
Elm-ash-cottonwood	15,196	259	14,936	128	0	128	1,588	17	1,570	3,488	84	3,404	9,993	158	9,835
Maple-beech-birch	4,488	88	4,400	266	0	266	336	0	336	673	55	619	3,213	33	3,180
Aspen-birch	2	0	2	0	0	0	0	0	0	0	0	0	2	0	2
Other forest types	15,536	86	15,450	91	0	91	1,187	7	1,180	2,184	57	2,127	12,074	22	12,052
Nonstocked	5,992	437	5,555	45	7	37	508	47	461	1,779	259	1,520	3,660	123	3,537
South Total	244,716	46,876	197,840	13,507	1,104	12,403	19,238	1,614	17,623	65,246	25,676	39,570	146,726	18,483	128,243
Rocky Mountain															
Douglas-fir	17,710	84	17,625	11,676	53	11,623	1,875	5	1,870	1,353	24	1,329	2,805	2	2,803
Ponderosa pine	13,735	164	13,570	7,143	106	7,037	1,415	15	1,400	580	7	573	4,596	36	4,560
Western white pine	53	5	48	25	0	25	13	5	7	7	0	7	7	0	7
Fir-spruce	21,766	76	21,690	17,718	32	17,687	2,103	8	2,095	802	36	765	1,143	0	1,143
Hemlock-Sitka spruce	1,403	0	1,403	953	0	953	144	0	144	193	0	193	113	0	113

Table 8. (cont.) Area of forest and woodland by region, forest-type group, ownership class, and stand origin, 2012.

Region and forest-type group	All owners			National forest			Other public			Private corporate			Private noncorporate		
	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin	Total	Planted	Natural origin
<i>Thousand acres</i>															
Larch	1,144	31	1,113	772	15	757	146	7	139	121	2	119	106	8	98
Lodgepole pine	11,588	60	11,529	9,051	52	8,999	1,735	0	1,735	239	8	231	564	0	564
Redwood	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other softwoods	5,708	17	5,691	2,892	0	2,892	1,345	0	1,345	58	0	58	1,413	17	1,396
Western hardwoods	17,740	106	17,634	7,792	22	7,770	2,215	17	2,198	616	7	609	7,117	60	7,057
Pinyon-juniper	30,739	31	30,708	9,405	6	9,399	12,154	7	12,148	680	0	680	8,500	18	8,481
Other forest types	409	11	397	0	0	0	6	0	6	6	0	6	396	11	385
Nonstocked	9,344	26	9,317	3,701	20	3,680	3,213	0	3,213	345	0	345	2,085	6	2,079
Rocky Mountain Total	131,338	613	130,726	71,128	306	70,822	26,365	64	26,300	5,001	85	4,916	28,845	158	28,687
Pacific Coast															
Douglas-fir	20,917	7,291	13,626	7,480	1,215	6,265	4,191	1,307	2,884	5,898	3,905	1,992	3,349	864	2,485
Ponderosa pine	9,398	1,134	8,264	5,156	683	4,474	606	32	574	1,510	311	1,199	2,126	109	2,017
Western white pine	203	17	187	181	10	171	16	0	16	7	7	0	0	0	0
Fir-spruce	52,201	365	51,836	5,975	219	5,756	21,494	16	21,478	21,986	110	21,876	2,746	20	2,726
Hemlock-Sitka spruce	18,078	741	17,337	12,708	150	12,558	2,454	105	2,350	2,276	414	1,863	640	72	567
Larch	522	42	480	347	28	319	46	0	46	50	13	37	79	1	77
Lodgepole pine	4,165	157	4,007	3,044	134	2,910	465	7	458	356	15	341	299	1	298
Redwood	713	32	682	14	0	14	129	6	122	349	25	324	221	0	221
Other softwoods	72,076	454	71,623	7,316	245	7,071	51,673	16	51,657	10,395	157	10,238	2,692	35	2,657
Western hardwoods	29,012	1,441	27,572	4,495	287	4,208	11,078	202	10,876	4,448	602	3,845	8,992	349	8,642
Pinyon-juniper	1,360	7	1,353	646	0	646	544	7	537	20	0	20	150	0	150
Other forest types	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonstocked	5,958	420	5,538	1,338	181	1,157	3,073	10	3,063	766	144	622	781	85	697
Pacific Coast Total	214,604	12,100	202,504	48,699	3,152	45,548	95,769	1,707	94,063	48,061	5,705	42,357	22,074	1,537	20,537
U.S. Total	766,234	65,579	700,655	145,229	5,403	139,826	175,938	4,843	171,095	147,468	32,478	114,990	297,599	22,856	274,743
Woodland^a															
North	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
South	22,498	–	22,498	–	–	–	1,328	–	1,328	4,074	–	4,074	17,095	–	17,095
Rocky Mountain	29,504	–	29,504	3,867	–	3,867	15,608	–	15,608	342	–	342	9,686	–	9,686
Pacific Coast	578	–	578	211	–	211	303	–	303	10	–	10	54	–	54
U.S. Total	52,580	–	52,580	4,079	–	4,079	17,240	–	17,240	4,426	–	4,426	26,835	–	26,835

^a Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semi-arid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

Note: Data may not add to totals because of rounding.

Table 9. Forest and woodland area in the East and West by forest-type group and average d.b.h. class, 2012.

Forest-type group	Total	Average d.b.h class (inches)			Undetermined ^a
		1.0-4.9	5.0-9.9	10.0+	
<i>Thousand acres</i>					
East					
White-red-jack pine	9,673	979	1,972	6,722	0
Spruce-fir	15,698	6,318	5,382	3,998	0
Longleaf-slash pine	13,056	2,990	4,204	5,861	0
Loblolly-shortleaf pine	58,346	11,282	19,329	27,736	0
Oak-pine	28,556	7,687	7,012	13,856	0
Oak-hickory	141,978	22,141	33,098	86,738	0
Oak-gum-cypress	25,157	4,951	4,788	15,418	0
Elm-ash-cottonwood	31,339	8,014	8,660	14,665	0
Maple-beech-birch	54,308	6,627	15,406	32,274	0
Aspen-birch	16,503	6,558	6,852	3,093	0
Other forest types	18,184	5,806	4,092	8,286	0
Nonstocked	7,495	7,495	0	0	0
East Total	420,292	90,848	110,797	218,647	0
West					
Douglas-fir	38,627	4,862	4,075	29,689	0
Ponderosa pine	23,132	2,025	1,547	19,560	0
Western white pine	256	64	15	177	0
Fir-spruce	73,967	11,752	6,707	25,920	29,589
Hemlock-Sitka spruce	19,481	2,776	901	15,798	6
Larch	1,666	351	238	1,077	0
Lodgepole pine	15,753	4,285	5,036	6,431	0
Redwood	713	25	26	662	0
Other softwoods	77,784	4,284	1,984	14,930	56,587
Western hardwoods	46,752	12,175	14,173	15,650	4,754
Pinyon-juniper	32,099	1,198	2,809	28,092	0
Other forest types	409	173	112	123	0
Nonstocked	15,302	12,633	0	0	2,669
West Total	345,943	56,602	37,626	158,110	93,605
U.S. Total	766,234	147,450	148,423	376,757	93,605
Woodland^b					
East Total	22,498	13,754	4,023	4,720	0
West Total	30,082	5,277	2,232	22,574	0
U.S. Total	52,580	19,031	6,255	27,294	0

d.b.h. = diameter at breast height.

^a Undetermined stands are predominantly in reserved and low productivity forests that currently do not have field data to establish average d.b.h.

^b Woodland is a class of land which consists predominantly of stands of sparse woodland species such as juniper, pinyon juniper, mesquite and small stature hardwood species and are found in the arid to semi-arid regions of the interior Western United States. These areas must span more than 1 acre (0.4 hectares), have sparse trees capable of achieving 16.4 feet (5 meters) in height in situ, and have a tree canopy cover of 5 to 10 percent. When combined with shrubs and bushes these areas may achieve overall cover greater than 10-percent woody vegetation. Trees are defined as woody plants having a more or less erect perennial stem(s) capable of achieving at least 3 inches (7.6 cm) in diameter at breast height, or 5 inches (12.7 cm) diameter at root collar, and a height of 16.4 feet (5 meters) at maturity in situ. These areas do not include land that is predominantly under agricultural or urban land use. For some local analysis, these lands might be called scrub forest, but the preferred terminology is "forest and woodland" when adding these areas to forest totals.

Note: Data may not add to totals because of rounding.

Table 10. Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	Public								Private ^a			
		All owner-ships	Federal						State	County and municipal	Total private	Private corporate	Private non-corporate
			Total public	Total Federal	National forest	Bureau of Land Management	Other						
<i>Thousand acres</i>													
North													
Northeast													
Connecticut	2012	1,696	467	14	0	0	14	291	162	1,229	190	1,038	
	2007	1,732	393	0	0	0	0	257	136	1,339	235	1,104	
	1997	1,815	249	10	0	0	10	163	77	1,565	227	1,339	
	1987	1,777	247	16	0	0	16	156	74	1,530	4	1,527	
	1977	1,805	146	2	0	0	2	120	24	1,659	b	1,659	
	1953	1,973	155	1	0	0	1	122	32	1,818	3	1,815	
Delaware	2012	330	74	8	0	0	8	59	7	256	60	197	
	2007	376	25	0	0	0	0	25	0	351	107	244	
	1997	376	13	0	0	0	0	13	0	363	63	300	
	1987	388	14	0	0	0	0	14	0	374	63	311	
	1977	385	14	1	0	0	1	13	0	371	30	341	
	1953	392	13	1	0	0	1	10	2	379	21	358	
Maine	2012	17,192	960	125	51	0	73	643	192	16,232	10,077	6,155	
	2007	17,163	758	109	47	0	62	491	158	16,405	10,199	6,207	
	1997	16,952	629	51	32	0	20	469	109	16,323	10,055	6,268	
	1987	17,175	495	76	46	0	30	331	88	16,680	8,286	8,393	
	1977	16,865	542	74	38	0	36	354	114	16,323	8,083	8,240	
	1953	16,609	182	90	39	0	51	41	51	16,427	6,617	9,810	
Maryland	2012	2,329	555	38	0	0	38	399	119	1,773	408	1,366	
	2007	2,372	422	26	0	0	26	310	86	1,950	493	1,457	
	1997	2,423	281	22	0	0	22	236	23	2,143	257	1,886	
	1987	2,461	279	22	0	0	22	236	22	2,182	227	1,955	
	1977	2,523	243	25	0	0	25	185	33	2,280	139	2,141	
	1953	2,855	214	54	0	0	54	128	32	2,641	57	2,584	
Massachusetts	2012	2,936	970	57	0	0	57	560	354	1,965	309	1,657	
	2007	2,947	832	60	0	0	60	546	226	2,114	167	1,947	
	1997	2,965	480	48	0	0	48	275	157	2,486	427	2,059	
	1987	3,010	474	40	0	0	40	292	142	2,536	394	2,142	
	1977	2,798	366	10	0	0	10	240	116	2,432	30	2,402	
	1953	3,259	399	29	0	0	29	280	90	2,860	259	2,601	

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner-ships	Public						Private ^a			
			Total public	Federal				State	County and municipal	Total private	Private corporate	Private non-corporate
				Total Federal	National forest	Bureau of Land Management	Other					
<i>Thousand acres</i>												
New Hampshire	2012	4,641	1,113	677	625	0	52	210	226	3,527	778	2,749
	2007	4,674	1,086	680	626	0	54	249	156	3,588	803	2,786
	1997	4,551	793	440	417	0	22	228	125	3,758	1,000	2,758
	1987	4,803	788	536	506	0	30	133	119	4,015	662	3,353
	1977	4,692	580	472	459	0	13	79	29	4,112	947	3,165
	1953	4,819	682	585	580	0	5	45	52	4,137	771	3,366
New Jersey	2012	1,845	894	75	0	0	75	598	221	951	251	700
	2007	1,876	588	54	0	0	54	475	59	1,288	497	792
	1997	1,864	500	49	0	0	49	351	100	1,364	355	1,009
	1987	1,914	533	246	0	0	246	224	63	1,380	16	1,364
	1977	1,857	319	28	0	0	28	246	45	1,538	16	1,522
	1953	2,050	181	1	0	0	1	130	50	1,869	4	1,865
New York	2012	15,920	1,789	126	16	0	111	1,152	511	14,130	2,585	11,545
	2007	16,015	1,722	129	11	0	118	1,134	458	14,293	2,214	12,079
	1997	15,406	1,154	86	9	0	77	852	215	14,252	2,225	12,027
	1987	15,799	1,216	123	6	0	117	899	193	14,583	1,875	12,708
	1977	15,405	979	95	6	0	89	721	163	14,426	1,034	13,392
	1953	11,952	895	98	0	0	98	714	83	11,057	1,172	9,885
Pennsylvania	2012	16,241	4,492	578	485	0	92	3,408	506	11,750	2,111	9,638
	2007	16,018	4,367	538	482	0	57	3,427	401	11,651	2,108	9,544
	1997	15,853	3,519	498	446	0	51	2,788	233	12,334	2,460	9,874
	1987	15,917	3,486	542	478	0	65	2,731	213	12,430	2,888	9,543
	1977	15,925	3,472	503	485	0	18	2,796	173	12,453	964	11,489
	1953	14,574	3,229	492	454	0	38	2,580	157	11,345	442	10,903
Rhode Island	2012	355	88	0	0	0	0	55	32	267	47	220
	2007	351	53	0	0	0	0	42	10	298	52	246
	1997	356	69	5	0	0	5	64	0	287	33	255
	1987	368	78	3	0	0	3	68	7	291	b	291
	1977	395	32	0	0	0	0	20	12	363	b	363
	1953	430	26	0	0	0	0	13	13	404	b	404
Vermont	2012	4,477	832	398	347	0	51	385	49	3,644	645	2,999
	2007	4,482	633	286	255	0	32	275	72	3,850	755	3,094
	1997	4,461	593	251	221	0	31	271	70	3,868	564	3,304
	1987	4,424	660	251	251	0	0	330	79	3,764	506	3,258
	1977	4,430	422	213	209	0	4	168	41	4,008	666	3,342
	1953	3,846	297	199	191	0	8	79	19	3,549	528	3,021

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner-ships	Public						Private ^a			
			Total public	Federal				State	County and municipal	Total private	Private corporate	Private non-corporate
				Total Federal	National forest	Bureau of Land Management	Other					
<i>Thousand acres</i>												
West Virginia	2012	11,862	1,342	1,026	919	0	106	257	60	10,520	3,828	6,692
	2007	11,797	1,402	1,087	980	0	107	238	77	10,395	3,230	7,165
	1997	11,900	1,324	1,033	904	0	128	253	38	10,576	2,992	7,585
	1987	11,799	1,320	1,070	916	0	154	250	0	10,479	2,810	7,669
	1977	11,484	1,121	892	853	0	39	229	0	10,363	880	9,483
	1953	10,276	982	895	881	0	14	83	4	9,294	270	9,024
Northeast Total	2012	79,822	13,576	3,122	2,443	0	679	8,016	2,438	66,246	21,290	44,956
	2007	79,803	12,280	2,971	2,401	0	570	7,470	1,838	67,523	20,860	46,663
	1997	78,923	9,603	2,491	2,029	0	462	5,966	1,146	69,320	20,658	48,662
	1987	79,834	9,591	2,926	2,203	0	723	5,665	1,000	70,243	17,731	52,513
	1977	78,564	8,236	2,315	2,050	0	265	5,171	750	70,328	12,789	57,539
	1953	73,035	7,255	2,445	2,145	0	300	4,225	585	65,780	10,144	55,636
North Central												
Illinois	2012	4,771	773	357	273	0	84	216	200	3,999	246	3,753
	2007	4,363	639	352	281	0	71	135	153	3,724	215	3,509
	1997	4,058	417	321	254	0	66	55	42	3,641	276	3,365
	1987	4,030	389	292	226	0	66	55	42	3,641	276	3,365
	1977	4,033	330	273	211	0	62	22	35	3,703	15	3,688
	1953	3,830	226	216	184	0	32	10	0	3,604	10	3,594
Indiana	2012	4,749	699	353	195	0	158	301	45	4,050	348	3,702
	2007	4,533	651	375	178	0	197	245	31	3,882	294	3,588
	1997	4,342	624	373	170	0	203	238	13	3,719	402	3,316
	1987	4,296	535	329	166	0	163	177	29	3,761	426	3,335
	1977	3,815	410	239	162	0	77	170	1	3,405	27	3,378
	1953	4,015	283	172	112	0	60	109	2	3,732	9	3,723
Iowa	2012	2,968	407	120	0	0	120	189	98	2,561	110	2,452
	2007	2,824	312	104	0	0	104	157	51	2,511	41	2,471
	1997	1,944	156	44	0	0	44	74	38	1,788	128	1,660
	1987	1,459	102	43	0	0	43	52	7	1,357	40	1,317
	1977	1,461	111	55	0	0	55	51	5	1,350	17	1,333
	1953	2,595	36	12	3	0	9	22	2	2559	b	2,559
Michigan	2012	19,463	7,102	2,635	2,544	0	91	4,050	417	12,360	2,722	9,638
	2007	19,023	7,000	2,655	2,497	0	158	4,002	343	12,023	2,631	9,392
	1997	18,667	6,628	2,643	2,593	0	50	3,728	256	12,039	3,591	8,449
	1987	17,364	6,288	2,520	2,475	0	45	3,581	187	11,075	3,452	7,624
	1977	18,199	6,360	2,488	2,435	8	45	3,763	109	11,839	2,137	9,702
	1953	19,121	6,289	2,509	2,410	9	90	3,695	85	12,832	1,548	11,284

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner- ships	Public						Private ^a			
			Total public	Federal				County and municipal	Total private	Private corporate	Private non- corporate	
				Total Federal	National forest	Bureau of Land Manage- ment	Other					State
<i>Thousand acres</i>												
Minnesota	2012	15,929	8,386	2,046	1,850	20	177	3,683	2,656	7,544	1,054	6,490
	2007	15,113	8,134	2,012	1,761	1	250	4,116	2,005	6,979	1,164	5,814
	1997	14,819	7,680	2,115	1,917	26	172	3,063	2,503	7,139	1,848	5,291
	1987	13,571	6,813	1,826	1,670	44	112	2,654	2,334	6,758	1,259	5,499
	1977	13,697	6,863	1,870	1,715	10	145	2,651	2,342	6,834	772	6,062
	1953	16,580	8,407	2,338	2,195	49	94	2,450	3,619	8,173	578	7,595
Missouri	2012	15,085	2,497	1,729	1,416	0	313	690	78	12,588	791	11,797
	2007	14,674	2,428	1,676	1,410	0	266	688	63	12,247	626	11,621
	1997	13,411	2,052	1,608	1,361	0	246	403	42	11,359	1,151	10,208
	1987	11,996	1,657	1,390	1,303	0	87	242	25	10,339	719	9,620
	1977	12,288	1,532	1,313	1,246	0	67	187	32	10,756	362	10,394
	1953	14,300	1,617	1,461	1,339	1	121	156	0	12,683	460	12,223
Ohio	2012	7,865	935	287	241	0	46	445	203	6,930	915	6,015
	2007	7,644	693	237	222	0	16	325	130	6,951	902	6,050
	1997	7,568	531	220	216	0	4	227	84	7,036	885	6,151
	1987	7,141	423	171	171	0	0	173	79	6,718	981	5,737
	1977	6,917	412	168	159	0	9	202	42	6,505	186	6,319
	1953	5,450	297	88	88	0	0	168	41	5,153	30	5,123
Wisconsin	2012	16,726	4,956	1,522	1,382	0	140	1,121	2,313	11,770	1,417	10,353
	2007	16,042	5,014	1,515	1,376	0	139	1,016	2,483	11,028	1,425	9,603
	1997	15,701	4,546	1,520	1,363	0	157	744	2,282	11,155	2,138	9,017
	1987	14,727	4,168	1,419	1,242	0	177	570	2,179	10,559	1,822	8,737
	1977	14,477	4,317	1,383	1,266	0	117	568	2,366	10,160	1,148	9,012
	1953	15,349	4,720	1,624	1,357	5	262	444	2,652	10,629	942	9,687
North Central Total	2012	87,556	25,755	9,049	7,902	20	1,128	10,695	6,011	61,802	7,602	54,199
	2007	84,215	24,871	8,926	7,725	1	1,201	10,684	5,260	59,345	7,297	52,048
	1997	80,510	22,633	8,843	7,874	26	942	8,530	5,260	57,877	10,420	47,457
	1987	74,583	20,375	7,990	7,253	44	693	7,504	4,881	54,208	8,973	45,235
	1977	74,887	20,335	7,789	7,194	18	577	7,614	4,932	54,552	4,664	49,888
	1953	81,240	21,875	8,420	7,688	64	668	7,054	6,401	59,365	3,577	55,788
North Total	2012	167,378	39,331	12,172	10,345	20	1,807	18,710	8,449	128,047	28,892	99,155
	2007	164,018	37,151	11,897	10,126	1	1,771	18,154	7,099	126,867	28,156	98,711
	1997	159,433	32,237	11,334	9,904	26	1,404	14,497	6,406	127,197	31,078	96,119
	1987	154,417	29,966	10,916	9,457	44	1,415	13,169	5,881	124,451	26,704	97,747
	1977	153,451	28,571	10,104	9,244	18	842	12,785	5,682	124,880	17,453	107,427
	1953	154,275	29,130	10,865	9,833	64	968	11,279	6,986	125,145	13,721	111,424

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner- ships	Public							Private ^a			
			Total public	Federal					State	County and municipal	Total private	Private corporate	Private non- corporate
				Total Federal	National forest	Bureau of Land Manage- ment	Other						
<i>Thousand acres</i>													
South													
Southeast													
Florida	2012	15,916	4,677	1,792	1,128	6	658	2,427	457	11,240	6,779	4,461	
	2007	15,552	4,165	1,712	1,029	0	683	2,073	380	11,387	6,409	4,978	
	1997	14,605	2,786	1,570	984	0	586	1,138	78	11,819	6,881	4,937	
	1987	14,983	2,434	1,561	990	0	571	814	59	12,549	7,340	5,209	
	1977	15,843	2,151	1,579	1,005	0	574	532	40	13,692	4,658	9,034	
	1953	18,135	2,215	1,777	1,035	14	728	382	56	15,920	4,369	11,551	
Georgia	2012	24,352	2,136	1,393	669	0	724	426	318	22,216	8,436	13,779	
	2007	24,247	1,820	1,285	612	0	674	305	230	22,427	7,959	14,468	
	1997	23,796	1,751	1,380	711	0	669	260	111	22,045	7,367	14,678	
	1987	23,656	1,609	1,421	790	0	631	118	70	22,047	6,991	15,056	
	1977	24,106	1,589	1,453	813	0	640	100	36	22,517	4,629	17,888	
	1953	23,969	1,685	1,560	644	0	916	102	23	22,284	4,246	18,038	
North Carolina	2012	18,077	2,624	1,718	1,180	0	538	656	250	15,454	4,231	11,223	
	2007	17,916	2,481	1,690	1,093	0	597	532	258	15,436	3,866	11,570	
	1997	18,639	1,878	1,448	1,011	0	437	346	84	16,760	4,219	12,541	
	1987	18,747	1,861	1,440	1,025	0	415	339	82	16,886	4,137	12,750	
	1977	19,435	1,717	1,319	1,029	0	290	320	78	17,718	2,140	15,578	
	1953	19,584	1,541	1,252	1,020	0	232	253	36	18,043	2,584	15,459	
South Carolina	2012	13,025	1,518	982	593	0	390	381	154	11,507	3,994	7,514	
	2007	12,641	1,457	1,014	619	0	394	303	140	11,184	3,569	7,615	
	1997	12,419	1,078	867	524	0	343	177	33	11,341	3,993	7,348	
	1987	12,179	1,173	913	577	0	336	233	27	11,006	3,891	7,115	
	1977	12,496	1,085	895	573	0	322	167	23	11,411	2,215	9,196	
	1953	11,884	955	802	563	0	239	128	25	10,929	1,650	9,279	
Virginia	2012	15,385	2,371	1,878	1,660	0	218	277	216	13,014	3,060	9,954	
	2007	15,309	2,325	1,858	1,616	0	242	273	194	12,984	2,908	10,076	
	1997	15,345	1,880	1,586	1,365	0	221	211	83	13,465	3,105	10,360	
	1987	15,569	1,994	1,707	1,486	0	221	209	77	13,576	3,143	10,432	
	1977	15,939	1,921	1,669	1,424	0	245	183	69	14,018	1,670	12,348	
	1953	15,497	1,493	1,355	1,198	0	157	86	52	14,004	1,095	12,909	

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner- ships	Public						Private ^a			
			Total public	Federal				State	County and municipal	Total private	Private corporate	Private non- corporate
				Total Federal	National forest	Bureau of Land Manage- ment	Other					
<i>Thousand acres</i>												
Southeast Total	2012	86,755	13,325	7,763	5,230	6	2,527	4,167	1,394	73,430	26,499	46,931
	2007	85,665	12,247	7,559	4,970	0	2,590	3,487	1,202	73,417	24,711	48,706
	1997	84,803	9,373	6,851	4,594	0	2,257	2,133	389	75,430	25,565	49,865
	1987	85,134	9,070	7,042	4,868	0	2,174	1,713	315	76,064	25,501	50,562
	1977	87,819	8,463	6,915	4,844	0	2,071	1,302	246	79,356	15,312	64,044
	1953	89,069	7,889	6,746	4,460	14	2,272	951	192	81,180	13,944	67,236
South Central												
Alabama	2012	22,800	1,429	964	709	0	255	316	149	21,372	7,205	14,166
	2007	22,580	1,323	910	687	0	223	301	113	21,256	6,311	14,946
	1997	21,911	1,130	823	573	0	250	212	95	20,781	6,608	14,173
	1987	21,659	1,160	950	689	5	257	147	63	20,498	6,287	14,211
	1977	21,498	1,091	860	659	0	201	172	59	20,407	4,330	16,077
	1953	20,756	968	791	616	10	165	150	27	19,788	3,138	16,650
Arkansas	2012	18,543	3,446	2,913	2,376	0	538	442	91	15,097	5,650	9,447
	2007	18,480	3,425	2,943	2,440	0	503	417	65	15,055	5,447	9,607
	1997	18,392	3,275	2,813	2,350	0	463	394	67	15,118	5,575	9,542
	1987	16,673	3,012	2,659	2,329	0	330	311	41	13,662	4,953	8,708
	1977	16,793	2,918	2,658	2,350	1	307	240	20	13,875	4,156	9,719
	1953	19,627	2,916	2,799	2,292	122	385	115	2	16,711	4,157	12,554
Kentucky	2012	12,297	1,276	1,044	772	0	272	155	76	11,021	1,818	9,203
	2007	11,648	1,030	808	590	0	217	173	50	10,618	1,472	9,146
	1997	12,347	1,004	863	628	0	235	141	0	11,344	1,186	10,157
	1987	11,908	890	856	583	0	273	34	0	11,019	1,043	9,976
	1977	11,903	896	819	589	0	230	76	1	11,007	255	10,752
	1953	11,497	725	672	455	0	217	53	0	10,772	308	10,464
Louisiana	2012	14,646	1,814	1,057	690	0	367	515	242	12,831	6,974	5,858
	2007	14,116	1,625	905	672	0	233	523	197	12,491	6,477	6,014
	1997	13,693	1,214	707	477	0	230	300	207	12,479	6,342	6,137
	1987	13,873	1,331	833	621	0	212	330	168	12,542	6,317	6,225
	1977	14,292	1,024	715	581	1	133	299	10	13,268	3,773	9,495
	1953	16,039	848	666	535	4	127	177	5	15,191	3,166	12,025

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner- ships	Public						Private ^a			
			Total public	Federal				State	County and municipal	Total private	Private corporate	Private non- corporate
				Total Federal	National forest	Bureau of Land Manage- ment	Other					
<i>Thousand acres</i>												
Mississippi	2012	19,495	2,283	1,826	1,325	0	501	222	235	17,212	4,696	12,515
	2007	19,536	2,253	1,790	1,316	0	474	236	227	17,283	4,713	12,570
	1997	18,587	1,936	1,526	1,091	0	435	311	100	16,651	4,353	12,298
	1987	16,673	1,719	1,488	1,240	0	248	100	132	14,954	3,370	11,584
	1977	16,504	1,663	1,202	1,121	1	80	95	366	14,841	2,995	11,846
	1953	16,853	1,709	1,235	1,036	4	195	54	420	15,144	2,461	12,683
Oklahoma	2012	7,656	878	633	253	0	380	208	37	6,778	1,556	5,222
	2007	6,234	582	443	223	0	220	118	21	5,651	1,257	4,394
	1997	6,234	574	435	214	0	221	118	21	5,659	1,314	4,346
	1987	6,085	585	464	243	0	221	115	7	5,500	1,342	4,158
	1977	5,536	448	342	219	0	123	91	15	5,088	1,009	4,079
	1953	5,075	494	309	213	7	89	185	0	4,581	889	3,692
Tennessee	2012	13,500	1,836	992	682	0	310	740	104	11,663	2,249	9,414
	2007	13,913	1,603	1,015	666	0	350	502	86	12,310	2,209	10,101
	1997	13,265	1,509	1,027	556	0	471	422	59	11,757	2,309	9,448
	1987	12,839	1,360	958	581	6	371	373	29	11,480	2,119	9,361
	1977	12,862	1,161	856	558	0	298	283	22	11,701	1,212	10,489
	1953	12,551	1,114	806	564	0	242	298	10	11,437	713	10,724
Texas	2012	14,356	1,131	876	660	0	215	156	99	13,226	4,564	8,662
	2007	11,859	955	791	662	0	129	109	54	10,904	4,404	6,500
	1997	11,766	776	661	569	0	92	68	47	10,990	4,674	6,317
	1987	12,414	796	709	610	0	98	75	12	11,618	4,546	7,072
	1977	12,426	773	717	576	0	141	49	7	11,653	3,818	7,835
	1953	13,081	782	745	654	0	91	35	2	12,299	3,019	9,280
South Central Total	2012	123,292	14,092	10,304	7,466	0	2,838	2,754	1,034	109,200	34,712	74,488
	2007	118,365	12,796	9,605	7,255	0	2,350	2,378	813	105,569	32,291	73,278
	1997	116,196	11,417	8,855	6,457	0	2,397	1,966	597	104,778	32,361	72,418
	1987	112,124	10,852	8,918	6,896	11	2,011	1,484	450	101,272	29,978	71,295
	1977	111,814	9,974	8,169	6,653	3	1,513	1,305	500	101,840	21,548	80,292
	1953	115,479	9,556	8,023	6,365	147	1,511	1,067	466	105,923	17,851	88,072

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	Public								Private ^a		
		All own- erships	Federal						County and municipal	Total private	Private corporate	Private non- corporate
			Total public	Total Federal	National forest	Bureau of Land Manage- ment	Other	State				
<i>Thousand acres</i>												
South Total	2012	210,048	27,417	18,067	12,696	6	5,365	6,922	2,429	182,631	61,212	121,419
	2007	204,029	25,043	17,164	12,225	0	4,939	5,864	2,015	178,986	57,002	121,985
	1997	200,999	20,791	15,706	11,052	0	4,654	4,099	986	180,208	57,926	122,282
	1987	197,258	19,922	15,960	11,764	11	4,185	3,197	766	177,336	55,479	121,857
	1977	199,633	18,437	15,084	11,497	3	3,584	2,607	746	181,196	36,860	144,336
	1953	204,548	17,445	14,769	10,825	161	3,783	2,018	658	187,103	31,795	155,308
Rocky Mountain												
Great Plains												
Kansas	2012	2,403	129	101	0	0	101	15	13	2,273	59	2,214
	2007	2,028	109	73	0	0	73	18	18	1,919	44	1,875
	1997	1,491	92	53	0	0	53	32	8	1,399	78	1,321
	1987	1,207	46	37	0	0	37	8	2	1,161	80	1,081
	1977	1,188	37	27	0	0	27	8	2	1,151	b	1,151
	1953	1,208	27	27	0	0	27	0	0	1,181	b	1,181
Nebraska	2012	1,470	157	80	46	0	34	61	16	1,313	48	1,265
	2007	1,174	144	75	42	0	33	52	16	1,030	7	1,023
	1997	898	108	48	47	0	2	50	10	790	38	752
	1987	536	55	29	29	0	0	22	4	481	12	469
	1977	593	54	43	29	0	14	10	1	539	b	539
	1953	735	57	45	28	0	17	11	1	678	b	678
North Dakota	2012	518	127	81	30	1	50	40	6	391	b	391
	2007	534	122	73	23	1	49	38	11	411	6	405
	1997	442	55	28	14	0	14	26	0	387	45	342
	1987	337	35	12	0	0	12	22	2	302	b	302
	1977	405	63	53	0	0	53	10	0	342	b	342
	1953	452	69	58	0	1	57	11	0	383	b	383
South Dakota	2012	1,789	1,091	1,011	996	15	0	74	5	698	29	669
	2007	1,552	1,117	1,073	991	39	43	44	0	435	23	412
	1997	1,487	1,001	946	938	0	8	54	1	485	148	337
	1987	1,447	922	916	914	0	1	4	3	525	21	504
	1977	1,467	1,038	965	953	6	6	70	3	429	16	413
	1953	1,621	1,036	969	951	7	11	67	0	585	17	568

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	Public							Private ^a			
		All owner- ships	Federal					County and municipal	Total private	Private corporate	Private non- corporate	
			Total public	Total Federal	National forest	Bureau of Land Manage- ment	Other					State
<i>Thousand acres</i>												
Great Plains Total	2012	6,179	1,504	1,272	1,071	16	185	191	41	4,675	136	4,539
	2007	5,287	1,492	1,294	1,056	40	199	153	45	3,795	79	3,716
	1997	4,317	1,256	1,076	999	0	76	162	18	3,062	309	2,753
	1987	3,527	1,058	993	943	0	50	54	11	2,468	113	2,355
	1977	3,653	1,192	1,088	982	6	100	98	6	2,461	16	2,445
	1953	4,016	1,189	1,099	979	8	112	89	1	2,827	17	2,810
Intermountain												
Arizona	2012	3,001	2,228	2,222	2,189	6	27	6	0	773	b	773
	2007	3,361	2,426	2,416	2,394	0	22	10	0	935	10	925
	1997	4,073	2,775	2,763	2,720	20	23	12	0	1,297	1,281	16
	1987	3,789	2,471	2,471	2,471	0	0	0	0	1,318	b	1,318
	1977	3,896	2,514	2,480	2,462	18	0	32	2	1,382	b	1,382
	1953	3,622	2,305	2,271	2,269	2	0	32	2	1,317	b	1,317
Colorado	2012	10,937	8,630	8,286	7,597	678	11	278	65	2,307	217	2,090
	2007	11,541	9,128	8,794	8,053	714	28	284	50	2,413	309	2,103
	1997	11,555	8,331	7,968	6,885	1,069	14	311	52	3,224	933	2,291
	1987	11,739	7,062	7,062	7,062	0	0	0	0	4,678	b	4,678
	1977	11,316	8,167	7,933	7,506	422	5	189	45	3,149	15	3,134
	1953	12,284	9,038	8,803	8,382	416	5	190	45	3,246	15	3,231
Idaho	2012	16,772	13,975	12,859	12,210	617	32	1,116	0	2,797	1,319	1,478
	2007	16,203	13,900	12,545	11,995	550	0	1,355	0	2,303	1,230	1,073
	1997	17,123	13,901	12,896	12,354	512	29	980	25	3,222	1,649	1,573
	1987	14,533	9,705	9,705	9,705	0	0	0	0	4,827	1,198	3,630
	1977	13,541	10,450	9,570	9,153	409	8	861	19	3,091	947	2,144
	1953	15,541	12,445	11,559	11,046	505	8	867	19	3,096	954	2,142
Montana	2012	19,629	13,784	12,991	12,190	801	0	782	11	5,845	1,881	3,963
	2007	19,790	13,544	12,848	11,962	886	0	683	13	6,247	2,133	4,114
	1997	19,164	13,207	12,485	11,602	783	100	715	7	5,957	2,567	3,391
	1987	14,736	8,300	8,300	8,300	0	0	0	0	6,436	1,703	4,733
	1977	14,360	9,170	8,635	8,162	420	53	530	5	5,190	1,055	4,135
	1953	16,754	11,530	10,992	10,456	482	54	533	5	5,224	1,063	4,161

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner-ships	Public							Private ^a			
			Total public	Federal					State	County and municipal	Total private	Private corporate	Private non-corporate
				Total Federal	National forest	Bureau of Land Management	Other						
<i>Thousand acres</i>													
Nevada	2012	416	379	358	253	105	0	21	0	37	b	37	
	2007	417	379	358	253	105	0	21	0	38	b	38	
	1997	169	86	70	57	5	8	16	0	82	25	57	
	1987	221	99	99	99	0	0	0	0	122	b	122	
	1977	133	65	61	61	0	0	3	1	68	8	60	
	1953	141	72	68	68	0	0	3	1	69	8	61	
New Mexico	2012	4,278	2,866	2,730	2,700	30	0	128	7	1,412	203	1,209	
	2007	4,359	2,948	2,829	2,802	27	0	119	0	1,411	b	1,411	
	1997	4,833	2,875	2,778	2,733	44	0	84	13	1,958	1,158	800	
	1987	5,181	2,863	2,863	2,863	0	0	0	0	2,318	5	2,313	
	1977	5,537	3,037	2,866	2,818	39	9	171	0	2,500	b	2,500	
	1953	5,626	3,067	2,895	2,809	77	9	172	0	2,559	138	2,421	
Utah	2012	3,809	3,163	2,959	2,849	110	0	190	14	646	151	495	
	2007	4,014	3,314	3,148	2,995	153	0	154	11	700	187	512	
	1997	4,700	3,822	3,603	3,265	338	0	212	7	878	309	569	
	1987	3,078	2,108	2,108	2,108	0	0	0	0	971	b	971	
	1977	3,405	2,670	2,431	2,277	154	0	239	0	735	b	735	
	1953	3,882	3,058	2,817	2,662	155	0	241	0	824	b	824	
Wyoming	2012	6,002	4,673	4,385	3,881	501	3	288	0	1,330	b	1,330	
	2007	5,997	4,668	4,380	3,876	501	3	288	0	1,329	b	1,329	
	1997	5,085	3,641	3,438	2,964	474	0	203	0	1,444	405	1,040	
	1987	4,332	2,211	2,211	2,211	0	0	0	0	2,121	37	2,084	
	1977	4,335	3,356	3,245	3,045	200	0	111	0	979	54	925	
	1953	4,740	3,753	3,641	3,244	397	0	112	0	987	55	932	
Intermountain Total	2012	64,844	49,696	46,790	43,870	2,847	73	2,809	97	15,148	3,772	11,376	
	2007	65,681	50,306	47,318	44,330	2,936	53	2,913	74	15,374	3,870	11,505	
	1997	66,701	48,638	46,001	42,580	3,245	175	2,534	103	18,063	8,326	9,737	
	1987	57,610	34,819	34,819	34,819	0	0	0	0	22,791	2,943	19,848	
	1977	56,523	39,429	37,221	35,484	1,662	75	2,136	72	17,094	2,079	15,015	
	1953	62,590	45,268	43,046	40,936	2,034	76	2,150	72	17,322	2,233	15,089	
Rocky Mountain Total	2012	71,023	51,200	48,062	44,941	2,863	258	3,000	138	19,823	3,908	15,915	
	2007	70,968	51,799	48,613	45,385	2,976	251	3,066	119	19,169	3,949	15,221	
	1997	71,018	49,893	47,076	43,579	3,246	252	2,696	121	21,125	8,635	12,490	
	1987	61,137	35,877	35,812	35,762	0	50	54	11	25,260	3,056	22,204	
	1977	60,176	40,621	38,309	36,466	1,668	175	2,234	78	19,555	2,095	17,460	
	1953	66,606	46,457	44,145	41,915	2,042	188	2,239	73	20,149	2,250	17,899	

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All owner- ships	Public						Private ^a			
			Total public	Federal					County and municipal	Total private	Private corporate	Private non- corporate
				Total Federal	National forest	Bureau of Land Manage- ment	Other	State				
<i>Thousand acres</i>												
Pacific Coast												
Alaska	2012	12,817	9,521	4,699	3,677	821	201	4,667	155	3,297	2,776	521
	2007	11,865	9,094	4,750	3,772	805	173	4,282	62	2,771	2,022	749
	1997	12,395	8,605	4,306	3,780	407	119	4,279	20	3,790	3,162	628
	1987	15,763	9,579	4,936	4,476	336	124	4,622	20	6,185	5,711	473
	1977	19,722	19,164	15,751	6,529	9,096	126	3,396	17	558	b	558
	1953	20,343	20,086	20,007	6,873	13,008	126	75	4	257	b	257
Alaska Total	2012	12,817	9,521	4,699	3,677	821	201	4,667	155	3,297	2,776	521
	2007	11,865	9,094	4,750	3,772	805	173	4,282	62	2,771	2,022	749
	1997	12,395	8,605	4,306	3,780	407	119	4,279	20	3,790	b	3,790
	1987	15,763	9,578	4,936	4,476	336	124	4,622	20	6,185	b	6,185
	1977	19,722	19,164	15,751	6,529	9,096	126	3,396	17	558	b	558
	1953	20,343	20,086	20,007	6,873	13,008	126	75	4	257	b	257
Pacific Northwest												
Oregon	2012	24,117	14,814	13,800	11,584	2,203	13	880	134	9,303	5,792	3,511
	2007	24,617	14,907	13,885	11,583	2,279	23	873	149	9,709	5,841	3,868
	1997	23,749	15,123	14,217	11,999	2,213	6	815	91	8,626	5,903	2,722
	1987	22,768	14,074	13,145	10,836	2,304	6	827	102	8,694	5,627	3,067
	1977	24,211	14,743	13,817	11,633	2,178	6	820	106	9,468	5,522	3,946
	1953	25,688	14,706	13,654	11,296	2,350	8	797	255	10,982	4,661	6,321
Washington	2012	18,081	8,745	6,060	5,928	45	87	2,326	359	9,335	4,636	4,699
	2007	18,873	9,199	6,518	6,355	54	110	2,378	302	9,674	4,840	4,834
	1997	17,418	8,464	6,209	6,036	33	139	2,035	220	8,954	5,879	3,076
	1987	17,549	7,977	5,727	5,560	37	130	2,025	225	9,573	5,092	4,481
	1977	17,922	7,648	5,382	5,167	47	168	2,084	182	10,274	4,319	5,955
	1953	19,188	8,191	5,882	5,595	174	113	2,095	214	10,997	4,385	6,612
Pacific Northwest Total	2012	42,197	23,559	19,860	17,512	2,248	100	3,206	494	18,638	10,428	8,210
	2007	43,489	24,106	20,403	17,937	2,333	133	3,252	452	19,383	10,681	8,702
	1997	41,167	23,587	20,426	18,035	2,246	145	2,850	310	17,580	11,782	5,798
	1987	40,317	22,051	18,872	16,396	2,340	135	2,853	326	18,267	10,719	7,548
	1977	42,133	22,391	19,199	16,800	2,225	174	2,904	288	19,742	9,841	9,901
	1953	44,876	22,897	19,536	16,891	2,524	121	2,892	469	21,979	9,046	12,933

Table 10. (cont.) Timberland area in the United States by ownership, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Year	All own- ships	Public						Private ^a			
			Total public	Federal				State	County and municipal	Total private	Private corporate	Private non- corporate
				Total Federal	National forest	Bureau of Land Manage- ment	Other					
<i>Thousand acres</i>												
Pacific Southwest												
California	2012	16,991	9,612	9,451	9,137	305	8	106	55	7,379	4,038	3,341
	2007	19,144	10,198	9,907	9,275	589	43	186	105	8,946	4,294	4,652
	1997	17,952	10,516	10,319	10,086	218	15	159	38	7,437	4,337	3,100
	1987	16,548	8,994	8,887	8,578	300	9	95	12	7,554	2,757	4,797
	1977	16,303	8,540	8,434	8,168	226	40	79	27	7,763	2,687	5,076
	1953	17,127	8,931	8,730	8,372	318	40	193	8	8,196	2,167	6,029
Hawaii	2012	700	338	0	0	0	0	336	2	362	26	336
	2007	700	338	0	0	0	0	336	2	362	26	336
	1997	700	338	0	0	0	0	336	2	362	26	336
	1987	700	337	0	0	0	0	336	2	362	26	336
	1977	948	454	12	0	0	12	442	0	494	b	494
	1953	1,089	496	9	0	0	9	487	0	593	b	593
Pacific Southwest Total	2012	17,690	9,950	9,451	9,137	305	8	443	57	7,740	4,064	3,677
	2007	19,843	10,536	9,907	9,275	589	43	522	107	9,308	4,320	4,988
	1997	18,652	10,854	10,319	10,086	218	15	495	40	7,798	4,363	3,436
	1987	17,248	9,331	8,887	8,578	300	9	431	14	7,916	2,783	5,134
	1977	17,251	8,994	8,446	8,168	226	52	521	27	8,257	2,687	5,570
	1953	18,216	9,427	8,739	8,372	318	49	680	8	8,789	2,167	6,622
Pacific Coast Total	2012	72,705	43,030	34,010	30,326	3,374	310	8,315	705	29,675	17,268	12,407
	2007	75,198	43,736	35,060	30,984	3,726	349	8,055	620	31,462	17,023	14,439
	1997	72,214	43,046	35,052	31,901	2,871	279	7,624	370	29,168	16,145	13,023
	1987	73,328	40,960	32,694	29,450	2,976	268	7,906	360	32,368	13,502	18,866
	1977	79,106	50,549	43,396	31,497	11,547	352	6,821	332	28,557	12,528	16,029
	1953	83,435	52,410	48,282	32,136	15,850	296	3,647	481	31,025	11,213	19,812
U.S. Total	2012	521,154	160,979	112,310	98,308	6,262	7,740	36,947	11,721	360,175	111,279	248,896
	2007	514,213	157,728	112,734	98,721	6,703	7,311	35,141	9,853	356,485	106,130	250,355
	1997	503,664	145,967	109,168	96,435	6,143	6,590	28,915	7,883	357,698	113,784	243,914
	1987	486,140	126,725	95,382	86,432	3,031	5,919	24,326	7,018	359,415	98,741	260,674
	1977	492,366	138,178	106,893	88,704	13,236	4,953	24,447	6,838	354,188	68,936	285,252
	1953	508,864	145,442	118,061	94,709	18,117	5,235	19,183	8,198	363,422	58,979	304,443

^a These ownership classes only apply to data for 2007. See footnote b for further information.

^b Historic data for corporate ownerships is unavailable.

Note: Data may not add to totals because of rounding.

Table 11. Timberland area in the United States by ownership group, region, subregion, and State, 2012.

Region, subregion, and State	Ownership group				
	All ownerships	National forest	Other public	Private corporate	Private noncorporate
<i>Thousand acres</i>					
North					
Northeast					
Connecticut	1,696	0	467	190	1,038
Delaware	330	0	74	60	197
Maine	17,192	51	908	10,077	6,155
Maryland	2,329	0	555	408	1,366
Massachusetts	2,936	0	970	309	1,657
New Hampshire	4,641	625	488	778	2,749
New Jersey	1,845	0	894	251	700
New York	15,920	16	1,774	2,585	11,545
Pennsylvania	16,241	485	4,006	2,111	9,638
Rhode Island	355	0	88	47	220
Vermont	4,477	347	486	645	2,999
West Virginia	11,862	919	423	3,828	6,692
Northeast Total	79,822	2,443	11,132	21,290	44,956
North Central					
Illinois	4,771	273	500	246	3,753
Indiana	4,749	195	503	348	3,702
Iowa	2,968	0	407	110	2,452
Michigan	19,463	2,544	4,558	2,722	9,638
Minnesota	15,929	1,850	6,536	1,054	6,490
Missouri	15,085	1,416	1,082	791	11,797
Ohio	7,865	241	693	915	6,015
Wisconsin	16,726	1,382	3,574	1,417	10,353
North Central Total	87,556	7,902	17,853	7,602	54,199
North Total	167,378	10,345	28,986	28,892	99,155
South					
Southeast					
Florida	15,916	1,128	3,548	6,779	4,461
Georgia	24,352	669	1,467	8,436	13,779
North Carolina	18,077	1,180	1,444	4,231	11,223
South Carolina	13,025	593	925	3,994	7,514
Virginia	15,385	1,660	711	3,060	9,954
Southeast Total	86,755	5,230	8,095	26,499	46,931
South Central					
Alabama	22,800	709	720	7,205	14,166
Arkansas	18,543	2,376	1,070	5,650	9,447
Kentucky	12,297	772	504	1,818	9,203
Louisiana	14,646	690	1,125	6,974	5,858

Table 11. (cont.) Timberland area in the United States by ownership group, region, subregion, and State, 2012.

Region, subregion, and State	Ownership group				
	All ownerships	National forest	Other public	Private corporate	Private noncorporate
<i>Thousand acres</i>					
Mississippi	19,495	1,325	958	4,696	12,515
Oklahoma	7,656	253	625	1,556	5,222
Tennessee	13,500	682	1,154	2,249	9,414
Texas	14,356	660	471	4,564	8,662
South Central Total	123,292	7,466	6,626	34,712	74,488
South Total	210,048	12,696	14,721	61,212	121,419
Rocky Mountain					
Great Plains					
Kansas	2,403	0	129	59	2,214
Nebraska	1,470	46	112	48	1,265
North Dakota	518	30	97	0	391
South Dakota	1,789	996	95	29	669
Great Plains Total	6,179	1,071	433	136	4,539
Intermountain					
Arizona	3,001	2,189	38	0	773
Colorado	10,937	7,597	1,033	217	2,090
Idaho	16,772	12,210	1,765	1,319	1,478
Montana	19,629	12,190	1,594	1,881	3,963
Nevada	416	253	126	0	37
New Mexico	4,278	2,700	165	203	1,209
Utah	3,809	2,849	313	151	495
Wyoming	6,002	3,881	792	0	1,330
Intermountain Total	64,844	43,870	5,827	3,772	11,376
Rocky Mountain Total	71,023	44,941	6,259	3,908	15,915
Pacific Coast					
Alaska					
Alaska	12,817	3,677	5,844	2,776	521
Pacific Coast Total	12,817	3,677	5,844	2,776	521
Pacific Northwest					
Oregon	24,117	11,584	3,230	5,792	3,511
Washington	18,081	5,928	2,817	4,636	4,699
Pacific Northwest Total	42,197	17,512	6,047	10,428	8,210
Pacific Southwest					
California	16,991	9,137	475	4,038	3,341
Hawaii	700	0	338	26	336
Pacific Southwest Total	17,690	9,137	813	4,064	3,677
Pacific Coast Total	72,705	30,326	12,704	17,268	12,407
U.S. Total	521,154	98,308	62,671	111,279	248,896

Note: Data may not add to totals because of rounding.

Table 12. Timberland area in the Eastern United States by forest-type group, subregion, and stand-age class, 2012.

Subregion and stand-age class (years)	Forest-type group												
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
<i>Thousand acres</i>													
Northeast													
0 to 19	4,186	58	461	0	88	98	633	19	424	1,355	320	221	509
20 to 39	9,178	316	1,935	0	262	301	1,233	12	838	3,041	972	268	0
40 to 59	17,891	917	1,293	0	366	810	4,385	85	1,130	7,571	1,018	317	0
60 to 79	26,179	1,439	1,556	0	341	1,080	8,377	150	1,041	11,192	704	297	0
80 to 99	16,770	873	1,125	0	109	419	6,343	129	364	6,943	257	208	0
100 to 149	5,453	362	654	0	62	114	2,131	65	57	1,893	56	60	0
150 to 199	123	18	30	0	0	0	53	0	6	11	6	0	0
200 and older	7	0	0	0	0	0	7	0	0	0	0	0	0
Uneven aged	34	0	0	0	0	0	11	0	0	20	2	0	1
Northeast Total	79,822	3,984	7,054	0	1,229	2,822	23,172	461	3,860	32,026	3,333	1,372	510
North Central													
0 to 19	8,095	560	357	0	40	302	1,182	13	967	679	2,858	260	878
20 to 39	11,847	1,121	775	0	41	424	2,675	17	1,898	1,392	3,181	324	0
40 to 59	23,250	1,513	1,599	0	151	886	7,950	90	4,325	3,184	3,217	336	0
60 to 79	26,081	901	1,999	0	83	733	11,021	51	3,122	5,701	2,354	118	0
80 to 99	13,244	335	1,426	0	34	275	6,220	35	1,137	3,139	596	47	0
100 to 149	4,797	214	1,018	0	6	81	2,330	6	352	695	88	9	0
150 to 199	215	30	117	0	0	3	39	0	5	17	4	0	0
200 and older	21	8	5	0	0	0	4	0	0	3	0	0	0
Uneven aged	6	0	0	0	0	0	0	0	0	6	0	0	0
North Central Total	87,556	4,681	7,297	0	353	2,702	31,420	212	11,806	14,815	12,298	1,095	878
Southeast													
0 to 19	26,036	49	0	4,066	8,859	2,950	5,373	1,935	730	498	0	282	1,294
20 to 39	22,401	108	0	3,293	9,575	2,634	3,939	1,836	462	323	2	228	0
40 to 59	15,332	99	2	1,438	2,796	2,031	5,403	2,474	548	353	0	189	0
60 to 79	14,183	62	12	882	1,307	1,671	6,781	2,545	502	236	0	185	0
80 to 99	6,578	24	6	308	237	567	3,805	1,267	164	130	0	70	0
100 to 149	2,213	6	0	50	42	119	1,390	499	33	64	0	11	0
150 to 199	12	0	0	0	0	0	6	6	0	0	0	0	0
200 and older	0	0	0	0	0	0	0	0	0	0	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Southeast Total	86,755	348	20	10,037	22,816	9,972	26,697	10,561	2,439	1,604	2	965	1,294

Table 12. (cont.) Timberland area in the Eastern United States by forest-type group, subregion, and stand-age class, 2012.

Subregion and stand-age class (years)	Forest-type group												
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cotton-wood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
<i>Thousand acres</i>													
South Central													
0 to 19	34,342	6	0	790	15,546	3,838	8,008	1,719	2,247	394	0	756	1,038
20 to 39	25,991	21	0	774	11,014	2,616	6,431	1,858	2,259	381	0	635	0
40 to 59	30,479	43	0	671	4,318	3,394	13,799	3,900	3,067	747	0	539	0
60 to 79	25,590	42	0	475	2,231	1,877	14,143	3,896	1,935	802	0	189	0
80 to 99	5,987	13	0	76	444	387	3,598	797	385	253	0	34	0
100 to 149	890	3	0	5	27	38	587	128	67	30	0	4	0
150 to 199	13	0	0	0	6	0	7	0	0	0	0	0	0
200 and older	0	0	0	0	0	0	0	0	0	0	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
South Central Total	123,292	128	0	2,791	33,588	12,151	46,574	12,299	9,959	2,608	0	2,157	1,038
East Total													
0 to 19	72,660	673	818	4,856	24,534	7,189	15,196	3,686	4,369	2,926	3,178	1,519	3,718
20 to 39	69,416	1,566	2,710	4,067	20,892	5,975	14,279	3,724	5,456	5,137	4,154	1,455	0
40 to 59	86,952	2,572	2,894	2,110	7,630	7,121	31,536	6,549	9,070	11,856	4,235	1,381	0
60 to 79	92,034	2,444	3,567	1,357	3,963	5,361	40,321	6,642	6,600	17,931	3,057	789	0
80 to 99	42,579	1,245	2,557	384	824	1,648	19,966	2,228	2,050	10,464	853	360	0
100 to 149	13,353	585	1,672	54	137	352	6,439	697	509	2,682	143	85	0
150 to 199	363	48	147	0	6	3	105	6	11	27	10	0	0
200 and older	28	8	5	0	0	0	12	0	0	3	0	0	0
Uneven aged	40	0	0	0	0	0	11	0	0	26	2	0	1
East Total	377,426	9,141	14,370	12,828	57,986	27,648	127,863	23,533	28,064	51,052	15,632	5,588	3,720

Note: Data may not add to totals because of rounding.

Table 13. Timberland area in the Western United States by forest-type group, subregion, and stand-age class, 2012.

Subregion and stand-age class (years)	All forest types	Forest-type group											
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodge-pole pine	Redwood	Other soft-woods	Western hard-woods	Pinyon-juniper	Non-stocked
<i>Thousand acres</i>													
Great Plains													
0 to 19	686	0	21	0	0	0	0	0	0	101	158	34	317
20 to 39	1,131	0	63	4	6	0	0	0	0	314	561	78	0
40 to 59	1,789	0	132	0	6	0	0	0	0	307	1,157	59	0
60 to 79	1,163	0	325	0	11	0	0	0	0	81	661	57	0
80 to 99	882	0	437	0	15	0	0	0	0	37	338	17	0
100 to 149	477	0	338	0	17	0	0	0	0	15	97	11	0
150 to 199	43	0	37	0	6	0	0	0	0	0	0	0	0
200 and older	7	0	7	0	0	0	0	0	0	0	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Great Plains Total	6,179	0	1,360	4	61	0	0	0	0	854	2,972	256	317
Intermountain													
0 to 19	9,907	1,383	732	9	1,464	93	208	1,259	0	106	1,232	0	3,420
20 to 39	2,868	545	340	30	832	47	81	457	0	101	436	0	0
40 to 59	3,386	881	594	0	615	97	103	426	0	19	651	0	0
60 to 79	8,571	2,111	1,832	0	1,480	233	172	1,069	0	91	1,582	0	0
80 to 99	12,677	3,350	3,216	0	2,348	234	172	1,667	0	179	1,509	0	0
100 to 149	18,794	4,641	3,828	3	5,476	453	218	2,429	0	364	1,381	0	0
150 to 199	5,963	1,748	609	0	2,307	175	69	562	0	417	76	0	0
200 and older	2,677	859	195	0	1,042	30	72	187	0	293	0	0	0
Uneven aged	0	0	0	0	0	0	0	0	0	0	0	0	0
Intermountain Total	64,844	15,519	11,346	42	15,563	1,362	1,095	8,057	0	1,571	6,868	0	3,420
Alaska													
0 to 19	533	0	0	0	48	243	0	10	0	0	168	0	65
20 to 39	1,405	0	0	0	162	437	0	6	0	3	758	0	39
40 to 59	1,369	0	0	0	352	145	0	2	0	79	791	0	0
60 to 79	1,143	0	0	0	383	140	0	2	0	12	599	0	7
80 to 99	1,496	0	0	0	536	241	0	5	0	7	708	0	0
100 to 149	2,293	0	0	0	1,038	678	0	24	0	38	482	0	33
150 to 199	1,719	0	0	0	423	825	0	15	0	3	454	0	0
200 and older	2,663	0	0	0	245	2,389	0	17	0	0	12	0	0
Uneven aged	196	0	0	0	80	6	0	0	0	8	94	0	8
Alaska Total	12,817	0	0	0	3,265	5,104	0	82	0	149	4,066	0	152

Table 13. (cont.) Timberland area in the Western United States by forest-type group, subregion, and stand-age class, 2012.

Subregion and stand-age class (years)	All forest types	Forest-type group											
		Douglas-fir	Ponderosa pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other softwoods	Western hardwoods	Pinyon-juniper	Non-stocked
<i>Thousand acres</i>													
Pacific Northwest													
0 to 19	6,951	3,093	342	8	270	351	58	314	5	18	1,057	0	1,436
20 to 39	6,959	3,931	461	2	448	754	35	407	0	36	885	0	0
40 to 59	5,943	2,548	886	0	366	661	44	347	0	47	1,044	0	0
60 to 79	6,679	2,311	1,641	17	561	574	119	525	0	102	830	0	0
80 to 99	5,459	1,999	1,659	0	692	182	92	322	0	116	396	0	0
100 to 149	5,250	2,110	1,221	0	957	262	50	304	0	125	221	0	0
150 to 199	1,876	775	375	0	414	184	23	19	0	24	63	0	0
200 and older	3,043	1,443	300	0	547	672	28	6	0	10	36	0	0
Uneven aged	37	10	6	0	0	0	0	6	0	0	15	0	0
Pacific Northwest Total	42,197	18,221	6,891	27	4,255	3,639	449	2,250	5	478	4,547	0	1,436
Pacific Southwest													
0 to 19	2,087	40	181	7	29	0	0	6	30	304	629	0	861
20 to 39	1,249	207	295	0	15	16	0	13	96	200	408	0	0
40 to 59	2,092	243	143	13	114	23	0	29	87	540	901	0	0
60 to 79	2,926	121	395	0	270	0	0	66	128	1,204	736	6	0
80 to 99	2,940	111	469	4	243	1	0	38	121	1,345	609	0	0
100 to 149	3,491	91	368	13	356	7	0	90	82	1,824	647	12	0
150 to 199	1,280	77	65	6	185	7	0	55	16	667	199	2	0
200 and older	1,193	74	46	6	158	15	0	20	32	697	145	0	0
Uneven aged	432	14	6	0	0	0	0	0	0	30	382	0	0
Pacific Southwest Total	17,690	979	1,968	49	1,370	69	0	317	591	6,810	4,656	19	861
West Total													
0 to 19	20,165	4,517	1,276	24	1,810	687	266	1,589	35	529	3,244	34	6,099
20 to 39	13,612	4,683	1,158	35	1,462	1,254	116	883	96	654	3,049	78	39
40 to 59	14,579	3,671	1,755	13	1,453	926	147	804	87	992	4,543	59	0
60 to 79	20,482	4,544	4,193	17	2,705	946	290	1,662	128	1,489	4,409	64	7
80 to 99	23,454	5,461	5,781	4	3,834	658	264	2,033	121	1,683	3,560	17	0
100 to 149	30,306	6,843	5,756	16	7,844	1,400	268	2,847	82	2,366	2,829	22	33
150 to 199	10,881	2,600	1,087	6	3,334	1,191	92	652	16	1,111	790	2	0
200 and older	9,584	2,376	548	6	1,992	3,106	100	230	32	1,000	193	0	0
Uneven aged	665	24	12	0	80	6	0	6	0	38	491	0	8
West Total	143,728	34,718	21,565	121	24,514	10,174	1,544	10,707	596	9,862	23,109	276	6,186

Note: Data may not add to totals because of rounding.

Table 14. Timberland area in the United States by forest-type group, subregion, and stand-size class, 2012.

Subregion and stand-size class	Forest-type group												Non-stocked	
	All forest types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types		
<i>Thousand acres</i>														
Northeast														
Nonstocked	510	0	0	0	0	0	0	0	0	0	0	0	0	510
Seedling-sapling	11,073	123	2,693	0	85	189	1,073	31	1,013	4,002	1,341	523	0	
Poletimber	20,704	513	2,282	0	403	676	4,632	117	1,145	9,194	1,337	404	0	
Sawtimber	47,535	3,348	2,079	0	740	1,957	17,466	312	1,703	18,830	654	445	0	
Northeast Total	79,822	3,984	7,054	0	1,229	2,822	23,172	461	3,860	32,026	3,333	1,372	510	
North Central														
Nonstocked	878	0	0	0	0	0	0	0	0	0	0	0	0	878
Seedling-sapling	15,959	738	2,997	0	26	486	2,366	7	2,155	1,530	4,950	706	0	
Poletimber	26,787	1,311	2,741	0	64	916	7,485	54	3,984	4,821	5,156	253	0	
Sawtimber	43,933	2,633	1,559	0	263	1,300	21,569	150	5,666	8,463	2,192	136	0	
North Central Total	87,556	4,681	7,297	0	353	2,702	31,420	212	11,806	14,815	12,298	1,095	878	
Southeast														
Nonstocked	1,294	0	0	0	0	0	0	0	0	0	0	0	0	1,294
Seedling-sapling	18,859	21	0	2,419	4,213	2,960	5,476	2,262	763	448	0	297	0	
Poletimber	22,517	49	0	3,551	8,083	2,337	5,062	2,385	434	384	2	231	0	
Sawtimber	44,085	278	20	4,068	10,520	4,676	16,159	5,915	1,242	772	0	437	0	
Southeast Total	86,755	348	20	10,037	22,816	9,972	26,697	10,561	2,439	1,604	2	965	1,294	
South Central														
Nonstocked	1,038	0	0	0	0	0	0	0	0	0	0	0	0	1,038
Seedling-sapling	26,033	10	0	522	6,911	3,758	8,895	1,815	2,563	530	0	1,028	0	
Poletimber	30,398	3	0	627	10,674	2,831	10,765	1,982	2,286	482	0	747	0	
Sawtimber	65,824	114	0	1,642	16,002	5,562	26,914	8,502	5,110	1,595	0	382	0	
South Central Total	123,292	128	0	2,791	33,588	12,151	46,574	12,299	9,959	2,608	0	2,157	1,038	
East Total														
Nonstocked	3,720	0	0	0	0	0	0	0	0	0	0	0	0	3,720
Seedling-sapling	71,925	892	5,690	2,941	11,235	7,392	17,810	4,116	6,494	6,511	6,291	2,554	0	
Poletimber	100,405	1,876	5,023	4,178	19,225	6,760	27,944	4,538	7,849	14,882	6,495	1,634	0	
Sawtimber	201,376	6,373	3,657	5,709	27,526	13,496	82,109	14,878	13,721	29,660	2,846	1,400	0	
East Total	377,426	9,141	14,370	12,828	57,986	27,648	127,863	23,533	28,064	51,052	15,632	5,588	3,720	

Table 14. (cont.) Timberland area in the United States by forest-type group, subregion, and stand-size class, 2012.

Subregion and stand-size class	Forest-type group												
	All forest types	Douglas-fir	Pondrosa pine	Western white pine	Spruce-fir	Hemlock-Sitka spruce	Larch	Lodge-pole pine	Redwood	Other soft-woods	Western hard-woods	Other forest types	Non-stocked
<i>Thousand acres</i>													
Great Plains													
Nonstocked	317	0	0	0	0	0	0	0	0	0	0	0	317
Seedling-sapling	1,024	0	140	0	6	0	0	0	0	208	478	192	0
Poletimber	1,459	0	130	0	5	0	0	0	0	370	758	196	0
Sawtimber	3,378	0	1,089	4	50	0	0	0	0	276	1,736	224	0
Great Plains Total	6,179	0	1,360	4	61	0	0	0	0	854	2,972	611	317
Intermountain													
Nonstocked	3,420	0	0	0	0	0	0	0	0	0	0	0	3,420
Seedling-sapling	8,891	1,794	870	16	2,189	132	243	1,742	0	220	1,684	0	0
Poletimber	11,545	1,640	763	8	2,112	109	181	3,293	0	184	3,254	0	0
Sawtimber	40,988	12,085	9,712	18	11,262	1,121	670	3,022	0	1,167	1,930	0	0
Intermountain Total	64,844	15,519	11,346	42	15,563	1,362	1,095	8,057	0	1,571	6,868	0	3,420
Alaska													
Nonstocked	152	0	0	0	0	0	0	0	0	0	0	0	152
Seedling-sapling	3,056	0	0	0	1,043	629	0	70	0	78	1,236	0	0
Poletimber	3,359	0	0	0	1,122	173	0	10	0	68	1,987	0	0
Sawtimber	6,251	0	0	0	1,100	4,302	0	2	0	3	843	0	0
Alaska Total	12,817	0	0	0	3,265	5,104	0	82	0	149	4,066	0	152
Pacific Northwest													
Nonstocked	1,436	0	0	0	0	0	0	0	0	0	0	0	1,436
Seedling-sapling	6,784	2,686	735	16	647	464	89	897	0	138	1,111	0	0
Poletimber	4,854	2,076	384	0	292	267	50	556	5	19	1,205	0	0
Sawtimber	29,123	13,459	5,772	11	3,315	2,908	309	797	0	321	2,231	0	0
Pacific Northwest Total	42,197	18,221	6,891	27	4,255	3,639	449	2,250	5	478	4,547	0	1,436
Pacific Southwest													
Nonstocked	861	0	0	0	0	0	0	0	0	0	0	0	861
Seedling-sapling	1,459	85	157	26	59	5	0	21	25	417	663	0	0
Poletimber	1,522	48	155	6	20	0	0	28	22	215	1,029	0	0
Sawtimber	13,848	845	1,656	17	1,290	64	0	269	545	6,178	2,964	19	0
Pacific Southwest Total	17,690	979	1,968	49	1,370	69	0	317	591	6,810	4,656	19	861
West Total													
Nonstocked	6,186	0	0	0	0	0	0	0	0	0	0	0	6,186
Seedling-sapling	21,215	4,565	1,904	58	3,944	1,230	332	2,730	25	1,062	5,173	192	0
Poletimber	22,739	3,764	1,432	14	3,552	549	232	3,887	26	856	8,231	196	0
Sawtimber	93,588	26,389	18,229	49	17,019	8,396	980	4,089	545	7,944	9,705	243	0
West Total	143,728	34,718	21,565	121	24,514	10,174	1,544	10,707	596	9,862	23,109	631	6,186

Note: Data may not add to totals because of rounding.

Table 15. Timberland area in the United States by stand-size class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Stand-size class			
			Sawtimber	Poletimber	Seedling/sapling	Nonstocked
<i>Thousand acres</i>						
North						
Northeast	2012	79,822	47,535	20,704	11,073	510
	2007	79,803	44,242	23,500	11,554	507
	1997	78,923	40,513	26,022	12,285	104
	1987	79,835	41,299	27,588	10,676	271
	1977	78,561	33,801	21,614	21,071	2,075
	1953	73,035	27,639	30,287	12,631	2,478
North Central	2012	87,556	43,933	26,787	15,959	878
	2007	84,215	39,356	28,460	15,664	735
	1997	80,510	35,545	25,025	19,640	300
	1987	74,583	26,015	28,018	19,022	1,528
	1977	74,885	21,971	29,774	20,811	2,329
	1953	81,240	15,414	26,712	26,524	12,590
North Total	2012	167,378	91,467	47,490	27,032	1,388
	2007	164,018	83,598	51,960	27,218	1,242
	1997	159,433	76,058	51,047	31,925	403
	1987	154,417	67,314	55,606	29,698	1,799
	1977	153,446	55,772	51,388	41,882	4,404
	1953	154,275	43,053	56,999	39,155	15,068
South						
Southeast	2012	86,755	44,085	22,517	18,859	1,294
	2007	85,665	40,230	22,826	21,466	1,143
	1997	84,803	35,742	22,385	25,511	1,165
	1987	85,141	36,415	25,189	20,273	3,264
	1977	87,818	32,878	28,619	22,162	4,159
	1953	89,067	25,669	29,709	21,804	11,885
South Central	2012	123,292	65,824	30,398	26,033	1,038
	2007	118,365	60,982	30,252	25,955	1,176
	1997	116,196	52,801	30,018	33,111	266
	1987	112,127	48,622	34,688	28,677	140
	1977	111,812	43,789	32,611	34,331	1,081
	1953	115,479	39,736	53,172	18,051	4,520
South Total	2012	210,048	109,909	52,915	44,893	2,332
	2007	204,029	101,211	53,078	47,421	2,319
	1997	200,999	88,543	52,403	58,622	1,431
	1987	197,268	85,037	59,877	48,950	3,404
	1977	199,630	76,667	61,230	56,493	5,240
	1953	204,546	65,405	82,881	39,855	16,405

Table 15. (cont.) Timberland area in the United States by stand-size class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Stand-size class			
			Sawtimber	Poletimber	Seedling/sapling	Nonstocked
<i>Thousand acres</i>						
East Total	2012	377,426	201,376	100,405	71,925	3,720
	2007	368,047	184,810	105,038	74,639	3,561
	1997	360,432	164,601	103,450	90,547	1,834
	1987	351,686	152,351	115,483	78,648	5,204
	1977	353,076	132,439	112,618	98,375	9,644
	1953	358,821	108,458	139,880	79,010	31,473
Rocky Mountain						
Great Plains	2012	6,179	3,378	1,459	1,024	317
	2007	5,287	2,904	1,451	712	220
	1997	4,317	2,250	1,254	761	53
	1987	3,529	1,993	758	675	102
	1977	3,652	2,003	756	396	497
	1953	4,014	1,341	1,302	850	521
Intermountain	2012	64,844	40,988	11,545	8,891	3,420
	2007	65,681	42,281	11,686	8,902	2,812
	1997	66,701	45,416	12,078	6,543	2,664
	1987	57,610	40,526	9,453	6,308	1,324
	1977	56,521	35,880	12,197	5,873	2,571
	1953	62,585	29,613	19,412	8,823	4,737
Rocky Mountain Total	2012	71,023	44,366	13,004	9,915	3,737
	2007	70,968	45,185	13,136	9,614	3,032
	1997	71,018	47,666	13,332	7,304	2,717
	1987	61,139	42,519	10,211	6,983	1,426
	1977	60,173	37,883	12,953	6,269	3,068
	1953	66,599	30,954	20,714	9,673	5,258
Pacific Coast						
Alaska	2012	12,817	6,251	3,359	3,056	152
	2007	11,865	5,945	3,135	2,550	234
	1997	12,395	7,282	2,764	2,186	163
	1987	15,763	10,155	3,018	2,423	168
	1977	19,720	14,592	2,487	2,492	149
	1953	20,342	19,499	357	357	129
Pacific Northwest	2012	42,197	29,123	4,854	6,784	1,436
	2007	43,489	29,416	5,212	7,640	1,222
	1997	41,167	25,744	5,421	8,955	1,047
	1987	40,315	24,093	7,672	7,403	1,147
	1977	42,133	26,230	7,196	6,711	1,996
	1953	44,876	28,367	8,418	5,428	2,663

Table 15. (cont.) Timberland area in the United States by stand-size class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Stand-size class			
			Sawtimber	Poletimber	Seedling/sapling	Nonstocked
<i>Thousand acres</i>						
Pacific Southwest	2012	17,690	13,848	1,522	1,459	861
	2007	19,843	14,908	2,375	1,734	826
	1997	18,652	13,387	2,203	1,291	1,772
	1987	17,412	13,747	1,597	1,956	112
	1977	17,251	12,066	1,440	1,995	1,750
	1953	18,216	14,213	1,319	97	2,587
Pacific Coast Total	2012	72,705	49,222	9,735	11,299	2,449
	2007	75,198	50,270	10,722	11,924	2,282
	1997	72,214	46,413	10,387	12,431	2,982
	1987	73,490	47,994	12,286	11,782	1,427
	1977	79,104	52,888	11,123	11,198	3,895
	1953	83,434	62,079	10,094	5,882	5,379
West Total	2012	143,728	93,588	22,739	21,215	6,186
	2007	146,166	95,455	23,858	21,538	5,314
	1997	143,232	94,079	23,719	19,735	5,699
	1987	134,629	90,513	22,498	18,765	2,853
	1977	139,277	90,771	24,076	17,467	6,963
	1953	150,033	93,033	30,808	15,555	10,637
U.S. Total	2012	521,154	294,964	123,144	93,140	9,906
	2007	514,213	280,265	128,896	96,177	8,875
	1997	503,665	258,680	127,169	110,283	7,533
	1987	486,315	242,864	137,981	97,413	8,057
	1977	492,353	223,210	136,694	115,842	16,607
	1953	508,854	201,491	170,688	94,565	42,110

Note: Data may not add to totals because of rounding.

Table 16. Timberland area in the East and West by forest-type group, 2012, 2007, 1997, 1987, 1977, and 1953.

Major region	Year	Forest-type group												
		All eastern types	White-red-jack pine	Spruce-fir	Longleaf-slash pine	Loblolly-shortleaf pine	Oak-pine	Oak-hickory	Oak-gum-cypress	Elm-ash-cottonwood	Maple-beech-birch	Aspen-birch	Other forest types	Non-stocked
<i>Thousand acres</i>														
East														
North	2012	167,378	8,665	14,350	0	1,582	5,524	54,592	672	15,666	46,840	15,631	2,467	1,388
	2007	164,018	9,491	13,911	0	1,436	5,668	53,287	624	11,203	49,661	16,476	1,233	1,027
	1997	159,433	10,512	15,185	0	2,263	3,595	49,678	770	10,000	50,210	16,818	0	404
	1987	154,418	13,030	16,421	0	2,294	3,457	45,945	778	11,009	42,263	17,346	0	1,876
	1977	153,446	11,362	17,468	0	2,468	3,115	42,262	518	18,050	34,300	19,149	0	4,754
	1953	154,275	8,940	18,887	0	3,569	1,022	46,455	1,212	19,673	23,248	24,637	0	6,633
South	2012	210,048	476	20	12,828	56,404	22,124	73,272	22,860	12,398	4,212	2	2,332	3,121
	2007	204,029	763	16	12,878	54,570	22,989	78,289	20,403	8,054	1,262	4	2,320	2,479
	1997	200,999	645	11	13,129	49,719	29,809	74,315	28,495	2,299	1,146	0	0	1,431
	1987	197,269	519	18	15,640	46,694	28,043	71,239	27,596	3,036	884	0	0	3,599
	1977	199,630	407	8	16,725	47,433	31,453	66,307	26,116	4,171	1,776	0	0	5,234
	1953	204,546	329	12	26,926	51,792	23,970	54,872	34,498	4,051	750	0	0	7,346
East Total	2012	377,426	9,141	14,370	12,828	57,986	27,648	127,863	23,533	28,064	51,052	15,632	4,799	4,509
	2007	368,047	10,255	13,928	12,878	56,007	28,658	131,576	21,027	19,257	50,923	16,480	3,553	3,507
	1997	360,432	11,157	15,196	13,129	51,982	33,404	123,992	29,265	12,299	51,356	16,818	0	1,835
	1987	351,687	13,549	16,439	15,640	48,988	31,500	117,184	28,373	14,045	43,148	17,346	0	5,475
	1977	353,076	11,769	17,476	16,725	49,901	34,568	108,569	26,635	22,222	36,076	19,149	0	9,988
	1953	358,821	9,269	18,899	26,926	55,360	24,992	101,326	35,710	23,724	23,998	24,637	0	13,979

Table 16. (cont.) Timberland area in the East and West by forest-type group, 2012, 2007, 1997, 1987, 1977, and 1953.

Major region	Year	Forest-type group												
		All western types	Douglas-fir	Ponderosa-Jeffrey pine	Western white pine	Fir-spruce	Hemlock-Sitka spruce	Larch	Lodgepole pine	Redwood	Other western softwood types	Western hardwood types	Other forest types	Non-stocked
<i>Thousand acres</i>														
West														
Rocky Mountain	2012	71,023	15,519	12,706	46	15,624	1,362	1,095	8,057	0	2,425	9,840	611	3,737
	2007	70,968	16,006	13,833	66	15,156	1,166	1,063	8,290	0	1,604	10,185	568	3,032
	1997	71,018	17,645	15,752	131	14,236	1,510	873	9,696	0	1,906	8,796	365	108
	1987	62,716	14,119	14,555	276	11,684	1,580	1,856	9,973	0	319	5,105	1,673	1,576
	1977	62,729	12,729	15,285	333	10,545	1,298	1,822	10,225	0	528	4,745	2,663	2,556
	1953	69,840	11,923	18,800	2,670	7,529	99	2,677	13,326	0	0	5,600	3,973	3,241
Pacific West	2012	59,888	19,199	8,859	76	5,625	3,708	449	2,567	596	7,288	9,204	19	2,297
	2007	63,333	19,103	8,995	93	6,008	3,895	469	2,592	553	6,727	11,867	983	2,048
	1997	59,819	18,889	13,553	147	7,214	5,084	288	2,573	738	1,610	8,248	273	1,203
	1987	58,541	19,768	11,236	14	10,438	4,034	873	2,233	1,129	319	6,849	834	814
	1977	63,166	18,666	11,969	126	8,197	4,819	683	2,917	662	0	7,566	3,780	3,782
	1953	67,462	20,646	16,281	2,797	4,441	4,881	888	2,703	1,283	0	4,773	4,398	4,370
Alaska	2012	12,817	0	0	0	3,265	5,104	0	82	0	149	4,066	0	152
	2007	11,865	0	0	0	3,625	4,156	0	39	0	149	3,661	0	234
	1997	12,395	0	0	0	3,107	4,818	0	0	0	155	4,165	0	150
	1987	15,767	0	0	0	5,661	5,560	0	0	0	181	4,358	4	4
	1977	19,771	0	0	0	2,715	12,063	0	0	0	0	4,857	87	49
	1953	20,532	0	0	0	0	19,438	0	0	0	0	0	904	190
West Total	2012	143,728	34,718	21,565	121	24,514	10,174	1,544	10,707	596	9,862	23,109	631	6,186
	2007	146,166	35,109	22,828	159	24,789	9,217	1,532	10,922	553	8,479	25,713	1,552	5,314
	1997	143,232	36,534	29,305	278	24,557	11,411	1,161	12,269	738	3,671	21,210	638	1,460
	1987	137,024	33,887	25,791	290	27,783	11,174	2,729	12,205	1,129	819	16,312	2,511	2,394
	1977	145,666	31,395	27,253	459	21,457	18,180	2,504	13,142	662	528	17,168	6,529	6,387
	1953	157,833	32,570	35,081	5,467	11,970	24,419	3,565	16,030	1,283	0	10,373	9,275	7,800

Note: Data may not add to totals because of rounding.

Table 17. Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 2012.

Region, subregion, and State	Class of timber											
	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods	Total	Soft-woods	Hard-woods
<i>Million cubic feet</i>												
North												
Northeast												
Connecticut	4,335	547	3,788	3,935	473	3,462	326	53	272	75	21	54
Delaware	833	144	690	757	137	619	61	3	58	16	4	12
Maine	26,168	14,118	12,050	23,630	12,918	10,712	1,521	541	981	1,017	660	357
Maryland	6,324	940	5,384	5,769	886	4,883	393	18	375	162	36	126
Massachusetts	8,126	3,033	5,093	7,220	2,762	4,457	748	208	540	159	63	96
New Hampshire	10,897	4,465	6,432	9,813	4,125	5,689	818	225	592	266	115	151
New Jersey	3,931	970	2,961	3,540	866	2,674	273	58	215	117	45	72
New York	34,301	7,917	26,384	29,816	6,834	22,982	3,190	701	2,489	1,295	382	913
Pennsylvania	36,133	3,519	32,614	32,431	3,093	29,338	2,889	313	2,576	813	114	699
Rhode Island	853	187	666	774	180	594	69	4	65	10	4	6
Vermont	10,426	3,209	7,217	9,130	2,853	6,276	1,081	276	805	215	80	136
West Virginia	27,507	1,489	26,018	25,282	1,335	23,947	1,723	85	1,638	502	69	433
Northeast Total	169,834	40,537	129,296	152,096	36,463	115,634	13,091	2,484	10,608	4,646	1,591	3,055
North Central												
Illinois	9,118	278	8,841	7,258	228	7,030	1,479	36	1,442	381	13	368
Indiana	10,280	347	9,932	9,062	295	8,767	925	34	891	293	18	275
Iowa	4,628	61	4,566	3,156	18	3,137	1,229	39	1,190	243	3	239
Michigan	33,695	10,242	23,453	29,655	9,108	20,547	2,579	629	1,950	1,461	505	956
Minnesota	18,430	5,799	12,631	14,816	5,078	9,738	2,499	368	2,131	1,115	353	762
Missouri	21,145	1,616	19,529	16,606	1,187	15,419	3,734	404	3,331	805	26	779
Ohio	16,298	629	15,669	13,740	560	13,180	2,145	43	2,102	413	26	387
Wisconsin	25,032	6,446	18,586	21,414	5,824	15,591	2,426	335	2,091	1,191	287	904
North Central Total	138,625	25,419	113,207	115,707	22,298	93,409	17,016	1,888	15,128	5,903	1,232	4,670
North Total	308,459	65,956	242,503	267,803	58,761	209,043	30,107	4,372	25,735	10,549	2,824	7,725
South												
Southeast												
Florida	20,510	11,591	8,919	15,341	10,811	4,530	4,974	648	4,326	195	132	63
Georgia	41,462	20,655	20,807	35,639	19,663	15,976	5,312	687	4,625	510	305	206
North Carolina	37,559	13,057	24,501	33,969	12,508	21,461	3,172	321	2,851	418	229	189
South Carolina	24,111	12,282	11,829	20,410	11,375	9,035	3,467	753	2,714	234	154	80
Virginia	34,340	8,139	26,201	29,514	7,704	21,810	4,405	262	4,143	421	173	248
Southeast Total	157,981	65,724	92,257	134,872	62,061	72,812	21,330	2,670	18,660	1,778	993	786

Table 17. (cont.) Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 2012.

Region, subregion, and State	Class of timber											
	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
<i>Million cubic feet</i>												
South Central												
Alabama	35,039	16,054	18,984	30,409	15,231	15,178	4,276	587	3,690	353	236	117
Arkansas	29,619	11,567	18,053	26,672	11,219	15,453	2,848	310	2,538	99	37	62
Kentucky	24,606	1,607	22,999	20,659	1,323	19,336	3,620	230	3,390	327	54	273
Louisiana	23,947	11,590	12,358	21,140	11,215	9,925	2,551	270	2,281	256	104	151
Mississippi	31,152	14,332	16,820	27,021	13,668	13,354	3,808	456	3,353	322	208	114
Oklahoma	7,672	1,833	5,839	4,645	1,582	3,063	2,851	213	2,638	177	38	139
Tennessee	28,727	3,595	25,132	24,286	3,013	21,273	3,829	400	3,430	612	182	429
Texas	19,824	9,979	9,845	16,919	9,645	7,273	2,687	228	2,460	218	106	112
South Central Total	200,586	70,556	130,031	171,751	66,895	104,855	26,471	2,694	23,778	2,364	967	1,397
South Total	358,567	136,280	222,288	306,623	128,956	177,667	47,802	5,364	42,438	4,142	1,959	2,183
Rocky Mountain												
Great Plains												
Kansas	3,205	115	3,090	1,431	34	1,397	1,625	78	1,547	149	3	147
Nebraska	2,126	536	1,591	1,125	292	833	884	202	682	117	41	75
North Dakota	633	5	628	327	1	326	265	5	260	42	0	42
South Dakota	2,321	1,892	429	1,877	1,694	183	319	105	214	125	93	32
Rocky Mountain Total	8,285	2,548	5,737	4,760	2,021	2,739	3,092	390	2,703	433	137	295
Intermountain												
Arizona	6,814	6,171	642	5,887	5,545	342	316	114	202	610	512	98
Colorado	27,218	21,891	5,327	23,648	19,126	4,522	489	235	254	3,082	2,530	551
Idaho	45,298	44,577	720	40,569	39,960	609	251	213	38	4,478	4,404	74
Montana	40,088	39,536	552	35,057	34,560	497	330	302	28	4,701	4,673	28
Nevada	782	717	65	638	596	41	79	69	9	65	51	14
New Mexico	7,841	6,904	937	7,382	6,631	751	365	193	172	94	80	13
Utah	7,911	6,058	1,852	6,547	4,932	1,615	149	92	57	1,214	1,034	180
Wyoming	14,396	13,487	910	11,417	10,718	700	201	168	32	2,778	2,601	177
Intermountain Total	150,347	139,341	11,006	131,145	122,068	9,077	2,180	1,387	793	17,022	15,886	1,136
Rocky Mountain Total	158,632	141,889	16,743	135,905	124,089	11,816	5,272	1,777	3,495	17,455	16,024	1,431
Pacific Coast												
Alaska												
Alaska	37,458	33,967	3,491	35,762	32,453	3,309	295	125	169	1,401	1,389	12
Alaska Total	37,458	33,967	3,491	35,762	32,453	3,309	295	125	169	1,401	1,389	12

Table 17. (cont.) Net volume of timber on timberland in the United States by class of timber, species group, region, subregion, and State, 2012.

Region, subregion, and State	Class of timber											
	All timber			Growing stock			Live cull			Sound dead		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
<i>Million cubic feet</i>												
Pacific Northwest												
Oregon	94,301	87,144	7,157	89,846	82,981	6,864	78	34	44	4,377	4,129	248
Washington	72,011	65,955	6,056	68,360	62,492	5,868	68	23	45	3,583	3,440	143
Pacific Northwest Total	166,312	153,099	13,213	158,206	145,473	12,732	146	57	90	7,960	7,569	391
Pacific Southwest												
California	71,791	61,373	10,418	67,816	57,883	9,933	85	45	40	3,891	3,446	445
Hawaii	334	4	330	280	4	276	41	0	41	12	0	12
Pacific Southwest Total	72,125	61,377	10,748	68,096	57,887	10,209	126	45	82	3,903	3,446	457
Pacific Coast Total	275,895	248,444	27,451	262,063	235,813	26,250	567	226	341	13,264	12,404	860
U.S. Total	1,101,554	592,568	508,985	972,395	547,619	424,776	83,748	11,739	72,009	45,411	33,211	12,200

Note: Data may not add to totals because of rounding.

Table 18. Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
North												
Northeast												
Connecticut	473	467	442	414	425	158	–	–	–	–	–	–
Delaware	137	112	169	173	168	236	–	–	–	–	–	–
Maine	12,918	12,671	11,682	14,510	16,060	10,093	39	49	48	24	22	15
Maryland	886	769	816	805	793	717	–	–	–	–	–	–
Massachusetts	2,762	2,553	1,608	1,689	1,439	631	–	–	–	–	–	–
New Hampshire	4,125	4,095	3,819	3,408	3,526	2,208	512	504	332	360	276	253
New Jersey	866	596	523	563	252	250	–	–	–	–	–	–
New York	6,834	6,707	5,400	4,935	3,524	2,748	7	–	6	1	–	–
Pennsylvania	3,093	3,005	2,329	1,983	1,778	1,229	91	78	63	68	60	38
Rhode Island	180	150	44	59	108	15	–	–	–	–	–	–
Vermont	2,853	2,711	2,863	2,010	1,826	1,251	135	71	66	45	39	35
West Virginia	1,335	1,295	1,250	1,060	1,092	492	328	311	267	180	239	118
Northeast Total	36,463	35,129	30,945	31,609	30,991	20,028	1,113	1,013	782	678	636	459
North Central												
Illinois	228	211	117	118	81	17	91	70	47	47	35	5
Indiana	295	289	278	201	88	27	45	46	29	22	14	3
Iowa	18	19	18	7	6	4	–	–	–	–	–	–
Michigan	9,108	8,936	7,600	6,558	5,201	2,370	2,112	1,943	1,504	1,337	954	271
Minnesota	5,078	5,021	4,703	4,086	3,477	2,698	1,106	1,002	1,030	919	871	780
Missouri	1,187	1,178	863	601	392	264	459	448	311	273	177	134
Ohio	560	573	401	326	274	96	25	41	29	20	16	7
Wisconsin	5,824	5,755	4,450	4,112	3,340	1,549	689	652	627	652	475	136
North Central Total	22,298	21,983	18,431	16,009	12,859	7,025	4,527	4,202	3,577	3,270	2,542	1,336
North Total	58,761	57,112	49,376	47,618	43,850	27,053	5,639	5,215	4,360	3,948	3,178	1,795
South												
Southeast												
Florida	10,811	10,355	9,424	9,305	8,750	5,384	1,097	894	995	873	912	549
Georgia	19,663	19,163	15,224	15,870	16,096	10,751	649	467	506	377	468	366
North Carolina	12,508	12,384	12,531	12,286	11,526	9,097	601	503	546	523	496	337
South Carolina	11,375	11,056	8,033	8,835	8,708	4,800	881	807	582	744	758	582
Virginia	7,704	7,648	6,648	6,323	5,928	5,516	496	400	362	331	312	240
Southeast Total	62,061	60,606	51,860	52,619	51,008	35,548	3,724	3,071	2,991	2,848	2,946	2,074

Table 18. (cont.) Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
South Central												
Alabama	15,231	15,018	11,101	11,328	11,469	5,875	838	714	562	659	561	278
Arkansas	11,219	10,889	9,342	8,586	7,973	4,640	2,125	1,916	1,895	1,677	1,520	886
Kentucky	1,323	1,342	1,213	1,110	916	493	150	151	158	164	153	139
Louisiana	11,215	10,977	9,928	10,552	9,342	4,253	1,386	1,269	732	775	724	268
Mississippi	13,668	13,561	9,208	9,746	8,930	3,674	1,999	1,916	1,374	1,474	1,253	579
Oklahoma	1,582	1,426	1,421	998	1,011	541	341	228	228	169	127	73
Tennessee	3,013	2,940	2,893	2,710	2,203	1,227	403	405	303	346	274	220
Texas	9,645	9,460	7,879	7,964	8,356	4,211	1,880	1,742	1,143	1,202	1,058	680
South Central Total	66,895	65,612	52,984	52,994	50,200	24,914	9,123	8,341	6,396	6,466	5,670	3,123
South Total	128,956	126,218	104,844	105,613	101,208	60,462	12,847	11,412	9,386	9,314	8,616	5,197
Rocky Mountain												
Great Plains												
Kansas	34	38	17	6	1	–	–	–	–	–	–	–
Nebraska	292	282	212	177	148	73	48	39	54	31	28	19
North Dakota	1	1	3	3	–	–	–	–	1	–	–	–
South Dakota	1,694	1,396	1,331	1,726	1,650	1,236	1,274	977	1,090	1,270	1,345	1,046
Great Plains Total	2,021	1,717	1,563	1,912	1,799	1,309	1,323	1,016	1,145	1,301	1,373	1,065
Intermountain												
Arizona	5,545	5,676	5,609	5,980	4,763	4,600	4,024	4,175	3,931	4,176	3,208	2,888
Colorado	19,126	20,924	16,163	16,226	12,624	10,926	14,831	16,426	11,792	11,811	9,486	8,205
Idaho	39,960	38,365	38,472	32,088	31,662	28,677	31,147	29,457	29,580	23,440	21,589	18,894
Montana	34,560	36,356	34,254	27,611	27,691	27,367	26,961	28,178	25,148	18,595	18,090	17,444
Nevada	596	596	306	390	250	235	310	310	127	206	86	79
New Mexico	6,631	6,508	5,029	5,628	5,797	5,514	4,429	4,337	3,126	3,730	2,872	2,578
Utah	4,932	5,223	5,708	3,913	3,562	3,657	4,061	4,395	4,575	3,031	2,808	2,785
Wyoming	10,718	10,706	7,578	6,550	6,963	5,261	8,629	8,618	5,570	4,542	5,569	4,075
Intermountain Total	122,068	126,070	113,119	98,386	93,312	86,237	94,391	95,896	83,849	69,531	63,708	56,948
Rocky Mountain Total	124,089	126,070	114,682	100,298	95,111	87,546	95,713	96,912	84,993	70,832	65,081	58,013
Pacific Coast												
Alaska												
Alaska	32,453	28,946	29,810	37,051	48,277	49,149	21,643	19,757	18,733	24,068	35,414	38,850
Alaska Total	32,453	28,946	29,810	37,051	48,277	49,149	21,643	19,757	18,733	24,068	35,414	38,850

Table 18. (cont.) Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
Pacific Northwest												
Oregon	82,981	80,684	76,770	70,554	74,735	87,580	45,914	44,325	47,993	42,102	44,904	45,488
Washington	62,492	65,104	59,187	60,130	57,800	61,994	27,824	29,573	27,321	23,497	22,833	25,504
Pacific Northwest Total	145,473	145,788	135,957	130,684	132,535	149,574	73,738	73,898	75,314	65,599	67,737	70,992
Pacific Southwest												
California	57,883	55,915	49,167	46,307	45,975	58,006	35,812	33,358	29,539	27,213	28,073	29,590
Hawaii	4	4	4	4	4	4	-	-	-	-	-	-
Pacific Southwest Total	57,887	54,925	49,171	46,311	45,979	58,010	35,812	33,358	29,539	27,213	28,073	29,590
Pacific Coast Total	235,813	230,654	214,938	214,046	226,791	256,733	131,194	127,013	123,586	116,880	131,224	139,432
U.S. Total	547,619	540,055	483,837	467,575	466,960	431,794	245,394	240,552	222,325	200,974	208,099	204,437

Region, subregion, and State	Other public						2012	2012	Total private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North														
Northeast														
Connecticut	138	131	42	69	50	16	48	287	336	326	399	345	375	142
Delaware	30	4	7	8	9	5	38	69	108	110	162	165	159	231
Maine	958	700	508	527	265	112	6,790	5,132	11,922	11,821	11,126	13,959	15,773	9,966
Maryland	230	113	79	78	82	28	218	438	656	688	737	727	711	689
Massachusetts	922	712	223	270	263	78	190	1,651	1,841	1,893	1,385	1,419	1,176	553
New Hampshire	495	474	357	227	59	62	409	2,708	3,117	2,998	3,130	2,821	3,191	1,893
New Jersey	523	253	221	256	58	26	110	233	343	329	302	307	194	224
New York	1,276	1,156	734	648	442	344	860	4,691	5,551	4,914	4,660	4,286	3,082	2,404
Pennsylvania	644	569	390	230	213	147	321	2,037	2,358	2,218	1,876	1,685	1,505	1,044
Rhode Island	75	45	12	26	4	1	5	100	105	97	32	33	104	14
Vermont	232	154	152	130	92	38	214	2,272	2,486	2,616	2,645	1,835	1,695	1,178
West Virginia	87	64	73	27	18	28	220	700	920	853	910	853	835	346
Northeast Total	5,609	4,375	2,798	2,496	1,555	885	9,424	20,317	29,741	28,863	27,366	28,435	28,800	18,684

Table 18. (cont.) Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North Central														
Illinois	40	43	25	25	15	–	7	90	98	116	46	46	31	12
Indiana	51	45	34	17	20	14	38	160	198	184	214	162	54	10
Iowa	4	4	–	–	–	–	0	15	15	25	18	7	6	4
Michigan	2,390	2,388	2,031	1,745	1,307	534	1,242	3,364	4,605	4,572	4,065	3,476	2,940	1,565
Minnesota	2,251	2,298	2,072	1,875	1,565	1,115	354	1,367	1,721	1,555	1,601	1,292	1,041	803
Missouri	82	85	68	22	12	5	47	598	645	804	483	306	203	125
Ohio	82	79	46	26	25	9	71	383	453	490	326	280	233	80
Wisconsin	1,437	1,406	994	1,130	784	485	412	3,286	3,697	3,317	2,829	2,330	2,081	928
North Central Total	6,338	6,348	5,270	4,840	3,728	2,162	2,170	9,263	11,433	11,063	9,582	7,899	6,589	3,527
North Total	11,947	10,723	8,068	7,336	5,283	3,047	11,595	29,580	41,174	39,926	36,947	36,334	35,389	22,211
South														
Southeast														
Florida	2,651	2,398	1,542	1,155	752	312	4,348	2,715	7,063	7,041	6,887	7,277	7,086	4,523
Georgia	1,644	1,326	1,202	969	856	656	7,074	10,296	17,370	15,527	13,516	14,524	14,772	9,729
North Carolina	1,270	1,245	745	579	404	273	3,630	7,006	10,636	10,713	11,240	11,184	10,626	8,487
South Carolina	1,067	822	604	585	462	112	3,905	5,522	9,427	8,156	6,847	7,506	7,488	4,106
Virginia	466	506	359	351	296	231	2,100	4,642	6,742	5,918	5,927	5,641	5,320	5,045
Southeast Total	7,098	6,297	4,452	3,639	2,770	1,584	21,058	30,180	51,238	47,355	44,417	46,132	45,292	31,890
South Central														
Alabama	515	426	270	229	216	98	5,534	8,344	13,878	12,320	10,269	10,440	10,692	5,499
Arkansas	602	481	284	224	155	41	4,341	4,151	8,492	7,870	7,163	6,685	6,298	3,713
Kentucky	76	94	35	4	4	63	134	963	1,097	938	1,019	942	759	291
Louisiana	675	554	351	277	206	83	5,396	3,758	9,154	8,598	8,845	9,500	8,412	3,902
Mississippi	641	617	508	268	376	342	3,442	7,586	11,028	10,089	7,327	8,004	7,301	2,753
Oklahoma	115	73	73	58	50	2	681	444	1,125	1,120	1,120	771	834	466
Tennessee	332	257	302	241	189	102	644	1,634	2,278	2,499	2,288	2,123	1,740	905
Texas	269	222	128	157	144	49	3,281	4,216	7,496	7,250	6,607	6,605	7,154	3,482
South Central Total	3,226	2,724	1,951	1,458	1,340	780	23,452	31,095	54,547	50,684	44,638	45,070	43,190	21,011
South Total	10,324	9,021	6,403	5,097	4,110	2,364	44,510	61,275	105,785	98,039	89,055	91,202	88,482	52,901

Table 18. (cont.) Net volume of softwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
Rocky Mountain														
Great Plains														
Kansas	4	8	1	–	–	–	–	30	30	49	16	6	1	–
Nebraska	15	15	22	17	13	4	16	213	228	271	135	129	107	50
North Dakota	–	–	–	–	–	–	–	1	1	–	2	3	–	–
South Dakota	86	85	47	118	100	51	28	306	334	195	194	338	205	139
Great Plains Total	105	108	70	135	113	55	44	549	593	515	347	476	313	189
Intermountain														
Arizona	53	33	47	1,753	1,449	1,596	–	1,468	1,468	1,627	1,631	51	106	116
Colorado	1,415	1,618	1,362	1,365	713	618	252	2,629	2,880	3,041	3,010	3,050	2,425	2,103
Idaho	3,937	4,031	3,353	3,480	3,267	2,992	2,549	2,328	4,877	3,073	5,540	5,168	6,806	6,791
Montana	2,311	2,889	2,318	2,458	2,543	2,335	1,583	3,706	5,289	5,689	6,788	6,558	7,058	7,588
Nevada	262	262	56	12	9	9	–	24	24	24	123	172	155	147
New Mexico	212	181	124	676	1,347	1,352	222	1,768	1,990	1,866	1,779	1,222	1,578	1,584
Utah	321	277	374	345	412	476	149	402	551	572	759	537	342	396
Wyoming	854	853	724	870	576	490	–	1,235	1,235	1,233	1,284	1,138	818	696
Intermountain Total	9,364	10,144	8,357	10,959	10,316	9,868	4,754	13,559	18,314	17,125	20,914	17,896	19,288	19,421
Rocky Mountain Total	9,469	10,252	8,427	11,094	10,429	9,923	4,798	14,109	18,906	17,640	21,261	18,372	19,601	19,610
Pacific Coast														
Alaska														
Alaska	6,810	5,190	5,090	5,880	12,200	10,081	3,580	419	3,999	4,177	5,987	7,103	663	218
Alaska Total	6,810	5,190	5,090	5,880	12,200	10,081	3,580	419	3,999	4,177	5,987	7,103	663	218
Pacific Northwest														
Oregon	16,651	15,943	12,058	12,805	12,709	15,272	12,957	7,459	20,416	20,915	16,719	15,647	17,122	26,820
Washington	12,542	13,405	9,723	13,798	13,200	12,605	11,370	10,756	22,126	21,845	22,143	22,835	21,767	23,885
Pacific Northwest Total	29,193	29,348	21,781	26,603	25,909	27,877	24,328	18,215	42,542	42,760	38,862	38,482	38,889	50,705
Pacific Southwest														
California	1,502	1,989	1,320	1,245	1,108	1,892	10,926	9,642	20,568	19,574	18,308	17,849	16,794	26,524
Hawaii	3	3	3	3	3	3	–	1	1	1	1	1	1	1
Pacific Southwest Total	1,505	1,992	1,323	1,248	1,111	1,895	10,926	9,644	20,569	19,575	18,309	17,850	16,795	26,525
Pacific Coast Total	37,508	36,530	28,194	33,731	39,220	39,853	38,833	28,278	67,111	66,512	63,158	63,435	56,347	77,448
U.S. Total	69,248	66,526	51,093	57,258	59,042	55,187	99,736	133,241	232,977	222,117	210,419	209,343	199,819	172,170

Note: Data may not add to Totals because of rounding.

Table 19. Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
North												
Northeast												
Connecticut	3,462	2,855	2,313	2,293	2,237	1,146	0	0	0	0	0	0
Delaware	619	581	471	469	457	219	0	0	0	0	0	0
Maine	10,712	9,832	9,209	7,938	6,543	5,378	84	68	45	27	46	18
Maryland	4,883	4,291	3,696	3,685	2,699	2,053	0	0	0	0	0	0
Massachusetts	4,457	3,925	3,254	3,040	2,454	1,240	0	0	0	0	0	0
New Hampshire	5,689	5,180	5,220	4,471	3,760	1,757	848	795	597	727	623	483
New Jersey	2,674	2,237	1,855	1,332	1,282	917	0	0	0	0	0	0
New York	22,982	19,792	16,427	15,154	9,732	7,775	34	12	18	6	0	0
Pennsylvania	29,339	26,994	22,575	22,763	21,625	11,716	1,222	1,188	983	1,184	1,184	444
Rhode Island	595	495	350	369	305	146	0	0	0	0	0	0
Vermont	6,276	5,855	5,813	4,233	3,164	2,228	648	417	339	331	155	152
West Virginia	23,946	21,296	19,054	14,777	13,062	8,622	2,217	2,101	1,715	1,799	1,741	886
Northeast Total	115,634	103,333	90,237	80,524	67,320	43,197	5,053	4,581	3,697	4,074	3,749	1,983
North Central												
Illinois	7,030	6,646	4,717	4,717	4,185	2,387	481	508	257	257	198	69
Indiana	8,767	8,006	6,622	5,015	3,671	2,876	381	330	280	217	156	50
Iowa	3,137	3,085	1,651	1,244	1,032	1,357	0	0	0	0	0	1
Michigan	20,547	19,126	19,134	14,414	13,103	7,610	2,561	2,405	2,100	1,689	1,392	578
Minnesota	9,739	10,076	10,564	9,645	7,978	4,253	970	948	1,193	1,045	1,000	570
Missouri	15,420	15,259	8,134	7,334	5,631	5,450	1,532	1,509	872	899	665	578
Ohio	13,180	11,714	9,758	7,227	6,121	3,153	471	396	302	202	190	72
Wisconsin	15,591	14,896	14,059	12,300	10,117	6,412	1,509	1,430	1,277	1,161	882	564
North Central Total	93,411	88,808	74,639	61,896	51,838	33,498	7,905	7,526	6,281	5,470	4,483	2,482
North Total	209,045	192,141	164,876	142,420	119,158	76,695	12,958	12,107	9,978	9,544	8,232	4,465
South												
Southeast												
Florida	4,530	4,490	5,942	5,664	4,700	3,517	225	132	269	214	187	103
Georgia	15,977	15,745	16,481	14,917	13,322	8,600	952	834	922	874	841	611
North Carolina	21,460	20,677	20,212	19,778	17,705	12,323	2,470	2,350	1,913	1,929	1,462	936
South Carolina	9,035	9,057	8,651	8,898	8,089	5,412	419	480	369	407	385	195
Virginia	21,810	20,054	19,838	18,896	16,875	11,681	2,731	2,420	2,300	2,079	1,804	939
Southeast Total	72,812	70,023	71,124	68,153	60,691	41,533	6,797	6,216	5,773	5,503	4,679	2,784

Table 19. (cont.) Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
South Central												
Alabama	15,177	14,839	11,974	10,484	9,489	6,477	648	618	369	326	259	147
Arkansas	15,453	15,147	12,345	10,655	9,048	9,469	2,111	2,147	1,942	1,529	1,247	656
Kentucky	19,336	17,035	14,739	13,500	11,052	5,858	1,727	1,146	883	799	627	314
Louisiana	9,925	10,093	8,916	8,440	7,813	6,756	532	541	293	290	214	89
Mississippi	13,353	13,427	11,403	10,069	8,305	6,370	1,140	1,204	760	662	502	144
Oklahoma	3,064	2,202	2,202	1,221	1,051	840	100	66	66	80	75	43
Tennessee	21,273	20,688	13,753	11,582	9,798	7,023	1,386	1,315	701	626	503	276
Texas	7,273	6,595	5,061	4,923	4,918	3,682	336	327	236	190	149	116
South Central Total	104,854	100,026	80,393	70,874	61,474	46,475	7,980	7,364	5,250	4,502	3,576	1,785
South Total	177,666	170,049	151,517	139,027	122,165	88,008	14,777	13,580	11,023	10,005	8,255	4,569
Rocky Mountain												
Great Plains												
Kansas	1,396	1,400	1,237	847	584	477	0	0	0	0	0	0
Nebraska	833	927	643	312	304	285	0	0	0	1	1	0
North Dakota	326	366	327	239	257	257	10	8	1	0	0	0
South Dakota	184	204	161	70	128	79	16	24	9	9	9	2
Great Plains Total	2,739	2,897	2,368	1,468	1,273	1,098	26	32	10	10	10	2
Intermountain												
Arizona	343	394	368	336	220	174	122	156	164	151	133	103
Colorado	4,522	4,766	3,865	3,222	2,413	1,787	3,425	3,620	2,531	1,876	1,638	1,147
Idaho	609	600	785	503	223	213	256	268	268	152	67	77
Montana	496	662	562	405	287	248	111	168	108	40	46	28
Nevada	41	41	33	29	13	12	39	39	27	27	13	12
New Mexico	752	628	550	496	599	457	546	464	371	308	240	178
Utah	1,614	1,766	1,656	881	878	898	1,179	1,207	1,146	572	444	546
Wyoming	700	700	434	341	232	187	326	325	169	76	81	61
Intermountain Total	9,077	9,557	8,253	6,213	4,865	3,976	6,004	6,247	4,784	3,202	2,662	2,152
Rocky Mountain Total	11,816	12,454	10,621	7,681	6,138	5,074	6,030	6,279	4,794	3,212	2,672	2,154
Pacific Coast												
Alaska												
Alaska	3,310	2,874	3,146	4,209	4,222	4,189	179	99	176	146	237	248
Alaska Total	3,310	2,874	3,146	4,209	4,222	4,189	179	99	176	146	237	248

Table 19. (cont.) Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
Pacific Northwest												
Oregon	6,864	6,723	6,525	6,066	4,819	4,217	1,394	1,120	1,185	1,135	897	723
Washington	5,867	6,169	6,538	6,937	5,703	2,859	548	575	372	335	141	121
Pacific Northwest Total	12,731	12,892	13,063	13,003	10,522	7,076	1,942	1,695	1,557	1,470	1,038	844
Pacific Southwest												
California	9,933	12,207	8,338	7,464	3,693	2,828	3,560	3,778	2,264	2,184	1,133	1,276
Hawaii	277	277	276	276	198	220	0	0	0	0	0	0
Pacific Southwest Total	10,210	12,484	8,614	7,740	3,891	3,048	3,560	3,778	2,264	2,184	1,133	1,276
Pacific Coast Total	26,251	28,250	24,823	24,952	18,635	14,313	5,681	5,572	3,997	3,800	2,408	2,368
U.S. Total	424,778	402,894	351,837	314,080	266,096	184,090	39,446	37,538	29,792	26,561	21,567	13,556

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North														
Northeast														
Connecticut	947	681	370	343	190	121	399	2,116	2,515	2,174	1,943	1,950	2,047	1,025
Delaware	121	48	40	17	18	4	80	418	498	533	431	452	439	215
Maine	715	463	367	253	87	51	5,175	4,738	9,913	9,301	8,797	7,658	6,410	5,309
Maryland	1,094	778	432	437	260	142	759	3,030	3,789	3,513	3,264	3,248	2,439	1,911
Massachusetts	1,400	1,200	597	504	326	164	508	2,549	3,057	2,725	2,657	2,536	2,128	1,076
New Hampshire	570	460	426	226	128	38	756	3,515	4,271	3,925	4,197	3,518	3,009	1,236
New Jersey	1,080	525	382	315	182	47	375	1,219	1,594	1,712	1,473	1,017	1,100	870
New York	2,822	2,302	1,327	1,245	647	517	3,715	16,411	20,126	17,478	15,082	13,903	9,085	7,258
Pennsylvania	8,119	7,387	4,766	4,645	4,175	2,262	3,651	16,347	19,998	18,419	16,826	16,934	16,266	9,010
Rhode Island	142	60	56	84	17	11	83	370	453	435	294	285	288	135
Vermont	815	599	590	507	157	109	985	3,828	4,813	4,839	4,884	3,395	2,852	1,967
West Virginia	855	819	806	534	291	337	7,788	13,086	20,874	18,376	16,533	12,444	11,030	7,399
Northeast Total	18,680	15,322	10,159	9,110	6,478	3,803	24,274	67,627	91,901	83,430	76,381	67,340	57,093	37,411

Table 19. (cont.) Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North Central														
Illinois	783	612	250	250	174	36	338	5,428	5,766	5,526	4,210	4,210	3,813	2,282
Indiana	989	876	717	511	250	186	598	6,799	7,397	6,800	5,625	4,287	3,265	2,640
Iowa	558	462	164	145	118	19	79	2,500	2,579	2,623	1,487	1,099	914	1,337
Michigan	3,692	3,523	3,332	2,587	2,524	1,419	2,714	11,580	14,294	13,198	13,702	10,138	9,187	5,613
Minnesota	3,210	3,529	3,619	3,543	2,899	1,434	391	5,168	5,559	5,599	5,752	5,057	4,079	2,249
Missouri	1,224	1,173	437	265	153	109	802	11,862	12,664	12,577	6,825	6,170	4,813	4,763
Ohio	1,296	774	531	321	312	187	1,362	10,051	11,413	10,544	8,925	6,704	5,619	2,894
Wisconsin	2,844	2,805	2,381	2,490	1,913	1,193	1,266	9,972	11,238	10,661	10,401	8,649	7,322	4,655
North Central Total	14,596	13,754	11,431	10,112	8,343	4,583	7,550	63,360	70,910	67,528	56,927	46,314	39,012	26,433
North Total	33,276	29,076	21,590	19,222	14,821	8,386	31,824	130,987	162,811	150,958	133,308	113,654	96,105	63,844
South														
Southeast														
Florida	1,262	1,198	1,065	741	238	76	1,402	1,641	3,043	3,160	4,608	4,709	4,275	3,338
Georgia	1,082	883	927	588	443	250	4,041	9,902	13,943	14,028	14,632	13,455	12,038	7,739
North Carolina	1,415	1,542	767	574	382	197	3,598	13,977	17,575	16,785	17,532	17,275	15,861	11,190
South Carolina	952	824	362	336	278	76	2,339	5,325	7,664	7,753	7,920	8,155	7,426	5,141
Virginia	1,203	1,123	942	767	651	246	3,585	14,291	17,876	16,511	16,596	16,050	14,420	10,496
Southeast Total	5,914	5,570	4,063	3,006	1,992	845	14,965	45,136	60,101	58,237	61,288	59,644	54,020	37,904
South Central														
Alabama	850	715	464	330	203	83	3,296	10,383	13,679	13,506	11,141	9,828	9,027	6,247
Arkansas	1,906	1,705	1,156	639	475	360	3,156	8,280	11,436	11,295	9,247	8,487	7,326	8,453
Kentucky	932	755	501	393	351	181	2,785	13,892	16,677	15,134	13,355	12,308	10,074	5,363
Louisiana	1,326	1,317	674	617	306	114	3,737	4,330	8,067	8,235	7,949	7,533	7,293	6,553
Mississippi	974	931	804	363	366	199	2,639	8,600	11,239	11,292	9,839	9,044	7,437	6,027
Oklahoma	412	152	152	130	97	31	456	2,096	2,552	1,984	1,984	1,011	879	766
Tennessee	2,360	1,716	1,087	716	510	378	3,036	14,491	17,527	17,657	11,965	10,240	8,785	6,369
Texas	323	254	118	119	93	19	1,787	4,827	6,614	6,014	4,707	4,614	4,676	3,547
South Central Total	9,083	7,545	4,956	3,307	2,401	1,365	20,892	66,899	87,791	85,117	70,187	63,065	55,497	43,325
South Total	14,997	13,115	9,019	6,313	4,393	2,210	35,857	112,035	147,892	143,354	131,475	122,709	109,517	81,229

Table 19. (cont.) Net volume of hardwood growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
Rocky Mountain														
Great Plains														
Kansas	96	106	67	46	24	16	26	1,274	1,300	1,294	1,170	801	560	461
Nebraska	94	156	53	16	13	7	8	731	739	771	590	295	290	278
North Dakota	35	49	32	39	79	79	0	281	281	309	294	200	178	178
South Dakota	21	21	7	11	22	13	4	143	147	159	145	50	97	64
Great Plains Total	246	332	159	112	138	115	38	2,429	2,467	2,533	2,199	1,346	1,125	981
Intermountain														
Arizona	26	0	0	185	48	39	0	195	195	238	204	0	39	32
Colorado	319	404	285	304	150	124	68	710	778	742	1,049	1,042	625	516
Idaho	138	137	116	149	49	42	38	177	215	195	401	202	107	94
Montana	43	12	37	33	62	55	29	313	342	482	417	332	179	165
Nevada	0	0	5	1	0	0	0	2	2	2	1	1	0	0
New Mexico	31	17	16	41	32	25	42	133	175	147	163	147	327	254
Utah	129	123	127	68	145	118	72	234	306	436	383	241	289	234
Wyoming	110	110	79	81	58	48	0	264	264	265	186	184	93	78
Intermountain Total	796	803	665	862	544	451	249	2,028	2,277	2,507	2,804	2,149	1,659	1,373
Rocky Mountain Total	1,042	1,135	824	974	682	566	287	4,457	4,744	5,040	5,003	3,495	2,784	2,354
Pacific Coast														
Alaska														
Alaska	2,473	2,260	1,930	1,751	3,864	3,902	383	275	658	515	1,040	2,312	121	39
Alaska Total	2,473	2,260	1,930	1,751	3,864	3,902	383	275	658	515	1,040	2,312	121	39
Pacific Northwest														
Oregon	1,760	1,739	1,535	1,124	1,198	628	2,001	1,709	3,710	3,864	3,805	3,807	2,724	2,866
Washington	1,749	1,507	1,311	1,319	1,124	507	1,402	2,168	3,570	4,087	4,855	5,283	4,438	2,231
Pacific Northwest Total	3,509	3,246	2,846	2,443	2,322	1,135	3,403	3,877	7,280	7,951	8,660	9,090	7,162	5,097
Pacific Southwest														
California	429	774	319	554	283	218	2,306	3,638	5,944	7,655	5,755	4,726	2,277	1,334
Hawaii	122	122	122	122	95	99	30	125	155	155	154	154	103	121
Pacific Southwest Total	551	896	441	676	378	317	2,336	3,763	6,099	7,810	5,909	4,880	2,380	1,455
Pacific Coast Total	6,533	6,402	5,217	4,870	6,564	5,354	6,122	7,915	14,037	16,276	15,609	16,282	9,663	6,591
U.S. Total	55,848	49,728	36,650	31,379	26,460	16,516	74,090	255,394	329,484	315,628	285,392	256,140	218,069	154,018

Note: Data may not add to totals because of rounding.

Table 20. Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
North												
Northeast												
Connecticut	3,935	3,322	2,755	2,707	2,662	1,304	0	0	0	0	0	0
Delaware	756	693	640	642	625	455	0	0	0	0	0	0
Maine	23,630	22,503	20,891	22,448	22,603	15,471	123	117	93	51	68	33
Maryland	5,769	5,060	4,512	4,490	3,492	2,770	0	0	0	0	0	0
Massachusetts	7,219	6,478	4,862	4,729	3,893	1,871	0	0	0	0	0	0
New Hampshire	9,814	9,275	9,039	7,879	7,286	3,965	1,360	1,299	929	1,087	899	736
New Jersey	3,540	2,833	2,378	1,895	1,534	1,167	0	0	0	0	0	0
New York	29,816	26,499	21,827	20,089	13,256	10,523	41	12	24	7	0	0
Pennsylvania	32,432	29,999	24,904	24,746	23,403	12,945	1,313	1,266	1,046	1,252	1,244	482
Rhode Island	775	645	394	428	413	161	0	0	0	0	0	0
Vermont	9,129	8,696	8,676	6,243	4,990	3,479	783	488	405	376	194	187
West Virginia	25,281	22,591	20,304	15,837	14,154	9,114	2,545	2,412	1,982	1,979	1,980	1,004
Northeast Total	152,097	138,462	121,182	112,133	98,311	63,225	6,166	5,594	4,479	4,752	4,385	2,442
North Central												
Illinois	7,258	6,857	4,834	4,835	4,266	2,404	572	578	304	304	233	74
Indiana	9,062	8,295	6,900	5,216	3,759	2,903	426	376	309	239	170	53
Iowa	3,155	3,104	1,669	1,251	1,038	1,361	0	0	0	0	0	1
Michigan	29,655	28,062	26,734	20,972	18,304	9,980	4,673	4,348	3,604	3,026	2,346	849
Minnesota	14,817	15,097	15,267	13,731	11,455	6,951	2,076	1,950	2,223	1,964	1,871	1,350
Missouri	16,607	16,437	8,997	7,935	6,023	5,714	1,991	1,957	1,183	1,172	842	712
Ohio	13,740	12,287	10,159	7,553	6,395	3,249	496	437	331	222	206	79
Wisconsin	21,415	20,651	18,509	16,412	13,457	7,961	2,198	2,082	1,904	1,813	1,357	700
North Central Total	115,709	110,791	93,070	77,905	64,697	40,523	12,432	11,728	9,859	8,740	7,025	3,818
North Total	267,806	249,253	214,252	190,038	163,008	103,748	18,597	17,322	14,338	13,492	11,410	6,260
South												
Southeast												
Florida	15,341	14,845	15,366	14,969	13,450	8,901	1,322	1,026	1,264	1,087	1,099	652
Georgia	35,640	34,908	31,705	30,787	29,418	19,351	1,601	1,301	1,428	1,251	1,309	977
North Carolina	33,968	33,061	32,742	32,064	29,231	21,420	3,071	2,853	2,459	2,452	1,958	1,273
South Carolina	20,410	20,113	16,685	17,733	16,797	10,212	1,300	1,287	951	1,151	1,143	777
Virginia	29,514	27,702	26,486	25,219	22,803	17,197	3,227	2,820	2,662	2,410	2,116	1,179
Southeast Total	134,873	130,629	122,985	120,772	111,699	77,081	10,521	9,287	8,764	8,351	7,625	4,858

Table 20. (cont.) Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
South Central												
Alabama	30,408	29,857	23,075	21,812	20,958	12,352	1,486	1,332	931	985	820	425
Arkansas	26,672	26,036	21,687	19,241	17,021	14,109	4,236	4,063	3,837	3,206	2,767	1,542
Kentucky	20,659	18,377	15,952	14,610	11,968	6,351	1,877	1,297	1,041	963	780	453
Louisiana	21,140	21,070	18,844	18,992	17,155	11,009	1,918	1,810	1,025	1,065	938	357
Mississippi	27,021	26,988	20,611	19,815	17,235	10,044	3,139	3,120	2,134	2,136	1,755	723
Oklahoma	4,646	3,628	3,623	2,219	2,062	1,381	441	294	294	249	202	116
Tennessee	24,286	23,628	16,646	14,292	12,001	8,250	1,789	1,720	1,004	972	777	496
Texas	16,918	16,055	12,940	12,887	13,274	7,893	2,216	2,069	1,379	1,392	1,207	796
South Central Total	171,749	165,638	133,378	123,868	111,674	71,389	17,103	15,705	11,646	10,968	9,246	4,908
South Total	306,622	296,268	256,363	244,640	223,373	148,470	27,624	24,992	20,410	19,319	16,871	9,766
Rocky Mountain												
Great Plains												
Kansas	1,430	1,438	1,254	853	585	477	0	0	0	0	0	0
Nebraska	1,125	1,209	855	489	452	358	48	39	54	32	29	19
North Dakota	327	367	330	242	257	257	10	8	2	0	0	0
South Dakota	1,878	1,600	1,492	1,796	1,778	1,315	1,290	1,001	1,099	1,279	1,354	1,048
Great Plains Total	4,760	4,614	3,931	3,380	3,072	2,407	1,349	1,048	1,155	1,311	1,383	1,067
Intermountain												
Arizona	5,888	6,070	5,977	6,316	4,983	4,774	4,146	4,331	4,095	4,327	3,341	2,991
Colorado	23,648	25,690	20,028	19,448	15,037	12,713	18,256	20,046	14,323	13,687	11,124	9,352
Idaho	40,569	38,965	39,257	32,591	31,885	28,890	31,403	29,725	29,848	23,592	21,656	18,971
Montana	35,056	37,018	34,816	28,016	27,978	27,615	27,072	28,346	25,256	18,635	18,136	17,472
Nevada	637	637	339	419	263	247	349	349	154	233	99	91
New Mexico	7,383	7,136	5,579	6,124	6,396	5,971	4,975	4,801	3,497	4,038	3,112	2,756
Utah	6,546	6,989	7,364	4,794	4,440	4,555	5,240	5,602	5,721	3,603	3,252	3,331
Wyoming	11,418	11,406	8,012	6,891	7,195	5,448	8,955	8,943	5,739	4,618	5,650	4,136
Intermountain Total	131,145	133,911	121,372	104,599	98,177	90,213	100,395	102,143	88,633	72,733	66,370	59,100
Rocky Mountain Total	135,905	138,524	125,303	107,979	101,249	92,620	101,743	103,191	89,787	74,044	67,753	60,167

Table 20. (cont.) Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	All owners						National forest					
	2012	2007	1997	1987	1977	1953	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>												
Pacific Coast												
Alaska												
Alaska	35,763	31,820	32,956	41,260	52,499	53,338	21,822	19,856	18,909	24,214	35,651	39,098
Alaska Total	35,763	31,820	32,956	41,260	52,499	53,338	21,822	19,856	18,909	24,214	35,651	39,098
Pacific Northwest												
Oregon	89,845	87,407	83,295	76,620	79,554	91,797	47,308	45,445	49,178	43,237	45,801	46,211
Washington	68,359	71,273	65,725	67,067	63,503	64,853	28,372	30,148	27,693	23,832	22,974	25,625
Pacific Northwest Total	158,204	158,680	149,020	143,687	143,057	156,650	75,680	75,593	76,871	67,069	68,775	71,836
Pacific Southwest												
California	67,816	68,122	57,505	53,771	49,668	60,834	39,372	37,136	31,803	29,397	29,206	30,866
Hawaii	281	281	280	280	202	224	0	0	0	0	0	0
Pacific Southwest Total	68,097	68,403	57,786	54,051	49,870	61,058	39,372	37,136	31,803	29,397	29,206	30,866
Pacific Coast Total	262,064	258,904	239,761	238,998	245,426	271,046	136,875	132,585	127,583	120,680	133,632	141,800
U.S. Total	972,397	942,949	835,680	781,655	733,056	615,884	284,840	278,090	252,118	227,535	229,666	217,993

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non-corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North														
Northeast														
Connecticut	1,085	812	412	412	240	137	447	2,403	2,851	2,500	2,342	2,295	2,422	1,167
Delaware	151	52	47	25	27	9	118	487	606	643	593	617	598	446
Maine	1,673	1,163	875	780	352	163	11,965	9,870	21,835	21,122	19,923	21,617	22,183	15,275
Maryland	1,324	891	511	515	342	170	977	3,468	4,445	4,201	4,001	3,975	3,150	2,600
Massachusetts	2,322	1,912	820	774	589	242	698	4,200	4,898	4,618	4,042	3,955	3,304	1,629
New Hampshire	1,065	934	783	453	187	100	1,165	6,223	7,388	6,923	7,327	6,339	6,200	3,129
New Jersey	1,603	778	603	571	240	73	485	1,452	1,937	2,041	1,775	1,324	1,294	1,094
New York	4,098	3,458	2,061	1,893	1,089	861	4,575	21,102	25,677	22,392	19,742	18,189	12,167	9,662
Pennsylvania	8,763	7,956	5,156	4,875	4,388	2,409	3,972	18,384	22,356	20,637	18,702	18,619	17,771	10,054
Rhode Island	217	105	68	110	21	12	88	470	558	532	326	318	392	149
Vermont	1,047	753	742	637	249	147	1,199	6,100	7,299	7,455	7,529	5,230	4,547	3,145
West Virginia	942	883	879	561	309	365	8,008	13,786	21,794	19,229	17,443	13,297	11,865	7,745
Northeast Total	24,289	19,697	12,956	11,606	8,033	4,688	33,698	87,944	121,642	112,293	103,746	95,775	85,893	56,095

Table 20. (cont.) Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
North Central														
Illinois	823	655	275	275	189	36	345	5,518	5,864	5,642	4,256	4,256	3,844	2,294
Indiana	1,040	921	751	528	270	200	636	6,959	7,595	6,984	5,839	4,449	3,319	2,650
Iowa	562	466	164	145	118	19	79	2,515	2,594	2,648	1,505	1,106	920	1,341
Michigan	6,082	5,911	5,363	4,332	3,831	1,953	3,956	14,944	18,899	17,770	17,767	13,614	12,127	7,178
Minnesota	5,461	5,827	5,691	5,418	4,464	2,549	745	6,535	7,280	7,154	7,353	6,349	5,120	3,052
Missouri	1,306	1,258	505	287	165	114	849	12,460	13,309	13,381	7,308	6,476	5,016	4,888
Ohio	1,378	853	577	347	337	196	1,433	10,434	11,866	11,034	9,251	6,984	5,852	2,974
Wisconsin	4,281	4,211	3,375	3,620	2,697	1,678	1,678	13,258	14,935	13,978	13,230	10,979	9,403	5,583
North Central Total	15,932	20,102	16,703	14,952	12,071	6,745	9,720	72,623	82,343	78,591	66,507	54,213	45,601	29,960
North Total	40,221	39,799	29,660	26,558	20,104	11,433	43,419	160,567	203,985	190,884	170,253	149,988	131,494	86,055
South														
Southeast														
Florida	3,913	3,596	2,607	1,896	990	388	5,750	4,356	10,106	10,201	11,495	11,986	11,361	7,861
Georgia	2,726	2,209	2,129	1,557	1,299	906	11,115	20,198	31,313	29,555	28,148	27,979	26,810	17,468
North Carolina	2,685	2,787	1,512	1,153	786	470	7,228	20,983	28,211	27,498	28,772	28,459	26,487	19,677
South Carolina	2,019	1,646	966	921	740	188	6,244	10,847	17,091	15,909	14,767	15,661	14,914	9,247
Virginia	1,669	1,629	1,301	1,118	947	477	5,685	18,933	24,618	22,429	22,523	21,691	19,740	15,541
Southeast Total	13,012	11,867	8,515	6,645	4,762	2,429	36,023	75,316	111,339	105,592	105,705	105,776	99,312	69,794
South Central														
Alabama	1,365	1,141	734	559	419	181	8,830	18,727	27,557	25,826	21,410	20,268	19,719	11,746
Arkansas	2,508	2,186	1,440	863	630	401	7,497	12,431	19,928	19,165	16,410	15,172	13,624	12,166
Kentucky	1,008	849	536	397	355	244	2,919	14,855	17,774	16,072	14,374	13,250	10,833	5,654
Louisiana	2,001	1,871	1,025	894	512	197	9,133	8,088	17,221	16,833	16,794	17,033	15,705	10,455
Mississippi	1,615	1,548	1,312	631	742	541	6,081	16,186	22,267	21,381	17,166	17,048	14,738	8,780
Oklahoma	527	225	225	188	147	33	1,137	2,540	3,677	3,104	3,104	1,782	1,713	1,232
Tennessee	2,692	1,973	1,389	957	699	480	3,680	16,125	19,805	20,156	14,253	12,363	10,525	7,274
Texas	592	476	246	276	237	68	5,068	9,043	14,110	13,264	11,314	11,219	11,830	7,029
South Central Total	12,309	10,269	6,907	4,765	3,741	2,145	44,344	97,994	142,338	135,801	114,825	108,135	98,687	64,336
South Total	25,321	22,136	15,422	11,410	8,503	4,574	80,367	173,310	253,677	241,393	220,530	213,911	197,999	134,130

Table 20. (cont.) Net volume of growing stock on timberland in the United States by ownership group, region, subregion, and State, 2012, 2007, 1997, 1987, 1977, and 1953.

Region, subregion, and State	Other public						2012	2012	Total Private					
	2012	2007	1997	1987	1977	1953	Private corporate	Private non- corporate	2012	2007	1997	1987	1977	1953
<i>Million cubic feet</i>														
Rocky Mountain														
Great Plains														
Kansas	100	114	68	46	24	16	26	1,304	1,330	1,343	1,186	807	561	461
Nebraska	109	171	75	33	26	11	24	944	967	1,042	725	424	397	328
North Dakota	35	49	32	39	79	79	0	282	282	309	296	203	178	178
South Dakota	107	106	54	129	122	64	32	449	481	354	339	388	302	203
Great Plains Total	351	440	229	247	251	170	82	2,978	2,467	3,060	3,048	1,822	1,438	1,170
Intermountain														
Arizona	79	33	47	1,938	1,497	1,635	0	1,663	1,663	1,865	1,835	51	145	148
Colorado	1,734	2,022	1,647	1,669	863	742	320	3,339	3,658	3,783	4,059	4,092	3,050	2,619
Idaho	4,075	4,168	3,469	3,629	3,316	3,034	2,587	2,505	5,092	3,268	5,941	5,370	6,913	6,885
Montana	2,354	2,901	2,355	2,491	2,605	2,390	1,612	4,019	5,631	6,171	7,205	6,890	7,237	7,753
Nevada	262	262	61	13	9	9	0	26	26	26	124	173	155	147
New Mexico	243	198	140	717	1,379	1,377	264	1,901	2,165	2,013	1,942	1,369	1,905	1,838
Utah	450	400	501	413	557	594	221	636	857	1,008	1,142	778	631	630
Wyoming	964	963	803	951	634	538	0	1,499	1,499	1,498	1,470	1,322	911	774
Intermountain Total	10,160	10,947	9,022	11,821	10,860	10,319	5,003	15,587	20,591	19,632	23,718	20,045	20,947	20,794
Rocky Mountain Total	10,511	11,387	9,251	12,068	11,111	10,489	5,085	18,566	23,058	22,758	26,264	21,867	22,385	21,964
Pacific Coast														
Alaska														
Alaska	9,283	7,450	7,020	7,631	16,064	13,983	3,963	694	4,657	4,692	7,027	9,415	784	257
Alaska Total	9,283	7,450	7,020	7,631	16,064	13,983	3,963	694	4,657	4,692	7,027	9,415	784	257
Pacific Northwest														
Oregon	18,411	17,682	13,593	13,929	13,907	15,900	14,958	9,168	24,126	24,779	20,524	19,454	19,846	29,686
Washington	14,291	14,912	11,034	15,117	14,324	13,112	12,772	12,924	25,696	25,932	26,998	28,118	26,205	26,116
Pacific Northwest Total	32,702	32,594	24,627	29,046	28,231	29,012	27,731	22,092	49,822	50,711	47,522	47,572	46,051	55,802
Pacific Southwest														
California	1,931	2,763	1,639	1,799	1,391	2,110	13,232	13,280	26,512	27,229	24,063	22,575	19,071	27,858
Hawaii	125	125	125	125	98	102	30	126	156	156	155	155	104	122
Pacific Southwest Total	2,056	2,888	1,764	1,924	1,489	2,212	13,262	13,407	26,668	27,385	24,218	22,730	19,175	27,980
Pacific Coast Total	44,041	42,932	33,411	38,601	45,784	45,207	44,955	36,193	81,148	82,788	78,767	79,717	66,010	84,039
U.S. Total	125,096	116,254	87,743	88,637	85,502	71,703	173,826	388,635	562,461	537,745	495,811	465,483	417,888	326,188

Note: Data may not add to totals because of rounding.

Table 21. Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1977, and 1963^a.

Region and subregion	Year	Softwoods										
		Total all species	Total softwoods	Longleaf and slash pines	Loblolly and short-leaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
<i>Million cubic feet</i>												
North												
Northeast	2012	152,096	36,463	0	813	1,827	12,567	8	8,904	8,919	14	3,410
	2007	137,581	34,252	0	658	1,604	11,091	3	9,414	8,282	6	3,194
	1997	121,179	30,945	0	652	1,717	9,460	14	9,184	6,949	3	2,965
	1987	112,133	31,609	0	658	1,573	7,977	0	12,977	5,878	0	2,547
	1977	98,311	30,991	0	656	1,368	7,123	0	14,895	5,006	0	1,943
	1963	76,869	24,034	0	701	1,119	4,958	46	11,042	4,113	0	2,056
North Central	2012	115,707	22,298	0	1,024	372	8,782	980	4,244	1,325	9	5,562
	2007	110,422	21,614	0	926	379	7,666	1,169	4,141	1,277	7	6,048
	1997	93,072	18,431	0	737	373	5,597	1,550	4,579	1,082	22	4,491
	1987	77,905	16,009	0	561	158	4,396	1,646	4,711	876	31	3,630
	1977	64,697	12,859	0	402	214	2,411	1,851	4,038	1,260	31	2,652
	1963	51,419	9,627	0	307	110	1,794	1,520	2,954	1,040	15	1,888
North Total	2012	267,803	58,761	0	1,837	2,199	21,349	988	13,148	10,244	23	8,972
	2007	248,003	55,866	0	1,584	1,983	18,757	1,172	13,555	9,559	13	9,242
	1997	214,251	49,376	0	1,389	2,090	15,057	1,564	13,763	8,031	25	7,456
	1987	190,038	47,618	0	1,219	1,731	12,373	1,646	17,688	6,754	31	6,177
	1977	163,008	43,850	0	1,058	1,582	9,534	1,851	18,933	6,266	31	4,595
	1963	128,288	33,661	0	1,008	1,229	6,752	1,566	13,996	5,153	15	3,944
South												
Southeast	2012	134,872	62,061	12,729	37,343	4,785	2,284	0	73	460	3,917	470
	2007	126,747	56,722	12,211	32,873	4,907	2,180	0	45	503	3,530	474
	1997	122,985	51,861	11,044	27,248	6,855	1,733	0	24	413	4,066	478
	1987	120,773	52,619	12,598	26,441	6,989	1,457	0	24	396	4,306	408
	1977	111,699	51,008	12,284	25,910	6,897	1,068	0	25	324	4,101	400
	1963	87,172	40,174	9,477	21,877	4,121	480	0	33	242	3,677	267
South Central	2012	171,751	66,895	4,400	54,757	1,760	563	0	0	496	3,346	1,574
	2007	161,765	61,749	4,619	49,857	2,088	517	0	0	449	3,003	1,215
	1997	133,377	52,985	4,886	41,517	2,774	281	0	0	213	2,317	997
	1987	123,868	52,994	5,039	42,006	2,670	207	0	1	115	2,225	732
	1977	111,674	50,200	5,114	40,108	2,375	185	0	0	67	1,829	522
	1963	86,900	34,913	3,806	27,874	1,341	146	0	0	182	1,332	231
South Total	2012	306,623	128,956	17,129	92,100	6,545	2,847	0	73	956	7,263	2,044
	2007	288,512	118,471	16,830	82,730	6,995	2,697	0	45	952	6,533	1,689
	1997	256,362	104,846	15,930	68,765	9,629	2,014	0	24	626	6,383	1,475
	1987	244,641	105,613	17,637	68,447	9,659	1,664	0	25	511	6,531	1,140
	1977	223,373	101,208	17,398	66,018	9,272	1,253	0	25	391	5,930	922
	1963	174,072	75,087	13,283	49,751	5,462	626	0	33	424	5,009	498

Table 21. (cont.) Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1977, and 1963^a.

Region and subregion	Year	Total all species	Softwoods									
			Total soft-woods	Longleaf and slash pines	Loblolly and short-leaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
<i>Million cubic feet</i>												
East Total	2012	574,426	187,717	17,129	93,937	8,744	24,196	988	13,221	11,200	7,286	11,016
	2007	536,515	174,337	16,830	84,314	8,978	21,454	1,172	13,600	10,511	6,546	10,931
	1997	470,613	154,222	15,930	70,154	11,719	17,071	1,564	13,787	8,657	6,408	8,931
	1987	434,679	153,231	17,637	69,666	11,390	14,037	1,646	17,713	7,265	6,562	7,317
	1977	386,381	145,058	17,398	67,076	10,854	10,787	1,851	18,958	6,657	5,961	5,517
	1963	302,360	108,748	13,283	50,759	6,691	7,378	1,566	14,029	5,577	5,024	4,442

Table 21. (cont.) Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1977, and 1963^a.

Region and subregion	Year	Hardwoods									
		Total hard-woods	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>											
North											
Northeast	2012	115,634	5,962	11,591	5,461	6,051	4,029	3,910	14,029	22,220	5,376
	2007	103,329	5,396	9,775	4,786	5,142	3,501	3,354	12,697	20,418	4,922
	1997	90,234	4,437	8,625	4,271	4,932	2,846	3,062	11,533	16,741	5,466
	1987	80,524	4,384	8,137	4,928	5,405	2,791	2,987	10,104	13,544	4,685
	1977	67,320	4,721	7,616	4,589	4,890	2,563	2,452	7,755	10,645	3,807
	1963	52,835	3,402	6,536	3,709	2,550	1,810	3,791	5,883	6,515	3,973
North Central	2012	93,409	10,163	6,911	2,222	8,235	5,362	749	10,098	11,047	1,069
	2007	88,808	9,981	6,461	2,289	8,007	4,835	807	9,405	9,822	1,154
	1997	74,640	7,550	5,983	1,474	5,682	3,572	786	8,369	7,662	1,122
	1987	61,896	6,001	4,774	1,528	5,077	2,912	674	6,335	5,542	854
	1977	51,838	5,277	4,006	1,365	4,579	2,605	807	4,814	3,302	896
	1963	41,792	3,730	3,373	405	2,340	1,449	872	4,025	2,572	835
North Total	2012	209,043	16,125	18,502	7,683	14,286	9,391	4,659	24,127	33,267	6,445
	2007	192,137	15,377	16,236	7,075	13,149	8,336	4,161	22,102	30,240	6,076
	1997	164,874	11,987	14,608	5,745	10,614	6,418	3,848	19,902	24,403	6,588
	1987	142,420	10,385	12,911	6,456	10,482	5,703	3,661	16,439	19,086	5,539
	1977	119,158	9,998	11,622	5,954	9,469	5,168	3,259	12,569	13,947	4,703
	1963	94,627	7,132	9,909	4,114	4,890	3,259	4,663	9,908	9,087	4,808
South											
Southeast	2012	72,812	7,417	3,362	5,704	11,792	3,765	81	504	5,148	888
	2007	70,025	7,056	3,191	5,300	11,338	3,591	57	471	5,149	770
	1997	71,124	7,167	3,126	6,008	12,307	3,593	83	467	5,712	1,000
	1987	68,154	6,639	3,074	5,563	11,826	3,641	62	402	5,221	942
	1977	60,691	6,152	2,650	5,009	10,841	3,680	61	299	3,845	805
	1963	46,998	4,753	1,966	3,886	7,837	3,314	39	158	2,555	561
South Central	2012	104,855	12,154	6,122	9,969	20,079	9,880	8	2,118	3,454	1,736
	2007	100,016	11,619	5,814	9,384	19,541	9,097	11	1,838	3,092	1,504
	1997	80,392	9,194	4,620	7,186	15,900	7,625	5	1,411	2,283	1,458
	1987	70,874	7,974	3,969	6,722	15,062	7,254	6	933	1,719	1,193
	1977	61,474	6,623	3,071	6,362	12,584	6,816	0	758	1,319	1,054
	1963	51,987	5,262	2,053	5,607	9,652	5,799	11	428	898	1,116
South Total	2012	177,667	19,571	9,484	15,673	31,871	13,645	89	2,622	8,602	2,624
	2007	170,041	18,675	9,005	14,684	30,879	12,688	68	2,309	8,241	2,274
	1997	151,516	16,361	7,746	13,194	28,207	11,218	88	1,878	7,995	2,458
	1987	139,028	14,613	7,043	12,285	26,888	10,895	68	1,335	6,940	2,135
	1977	122,165	12,775	5,721	11,371	23,425	10,496	61	1,057	5,164	1,859
	1963	98,985	10,015	4,019	9,493	17,489	9,113	50	586	3,453	1,677

Table 21. (cont.) Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1977, and 1963^a.

Region and subregion	Year	Hardwoods									
		Total hard-woods	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>											
East Total	2012	386,710	35,696	27,986	23,356	46,157	23,036	4,748	26,749	41,869	9,069
	2007	362,178	34,052	25,241	21,759	44,028	21,024	4,229	24,411	38,481	8,350
	1997	316,390	28,348	22,354	18,939	38,821	17,636	3,936	21,780	32,398	9,046
	1987	281,448	24,998	19,954	18,741	37,370	16,598	3,729	17,774	26,026	7,674
	1977	241,323	22,773	17,343	17,325	32,894	15,664	3,320	13,626	19,111	6,562
	1963	193,612	17,147	13,928	13,607	22,379	12,372	4,713	10,494	12,540	6,485

Region and subregion	Year	Hardwoods								
		Sweet-gum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry ^b	Other hardwoods
<i>Million cubic feet</i>										

North

Northeast	2012	658	833	6,886	1,975	7,246	3,881	459	6,635	8,433
	2007	658	696	5,880	1,846	5,780	3,740	358	5,687	8,694
	1997	556	588	4,748	1,476	4,740	3,611	295	4,683	7,623
	1987	486	491	3,656	1,162	2,925	3,219	211	3,738	7,671
	1977	418	409	2,656	1,073	2,630	2,145	192	3,000	5,760
	1963	460	333	1,898	1,221	1,968	1,719	154	0	6,915
North Central	2012	286	307	6,691	3,432	2,895	11,052	1,845	2,362	8,685
	2007	219	288	6,205	3,183	2,438	11,004	1,555	2,192	8,963
	1997	148	199	4,798	3,098	1,686	12,061	804	1,639	8,007
	1987	122	79	3,657	2,476	1,073	10,521	612	1,144	8,516
	1977	153	89	2,818	1,861	641	9,669	459	530	7,967
	1963	168	63	2,127	1,505	441	8,807	340	0	8,740
North Total	2012	944	1,140	13,577	5,407	10,141	14,933	2,304	8,997	17,118
	2007	877	984	12,085	5,029	8,218	14,744	1,913	7,879	17,657
	1997	704	787	9,546	4,574	6,426	15,672	1,099	6,322	15,630
	1987	608	570	7,313	3,638	3,998	13,740	823	4,882	16,187
	1977	571	498	5,474	2,934	3,271	11,814	651	3,530	13,727
	1963	628	396	4,025	2,726	2,409	10,526	494	0	15,655

South

Southeast	2012	7,914	6,243	1,782	333	13,364	113	213	429	3,758
	2007	7,638	6,005	1,544	316	12,009	99	197	427	4,865
	1997	7,573	7,248	1,752	334	9,538	92	197	311	4,618
	1987	7,487	7,854	1,735	314	8,392	107	181	222	4,491
	1977	6,850	7,462	1,492	259	6,732	117	138	155	4,143
	1963	5,582	7,106	1,348	247	3,845	53	160	0	3,588

Table 21. (cont.) Net volume of growing stock on timberland in the Eastern United States by species, region, and subregion, 2012, 2007, 1997, 1977, and 1963^a.

Region and subregion	Year	Hardwoods								
		Sweet-gum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry ^b	Other hardwoods
<i>Million cubic feet</i>										
South Central	2012	11,323	4,844	3,993	438	8,436	561	547	772	8,419
	2007	10,847	4,595	3,627	395	7,599	610	455	655	9,334
	1997	9,058	4,106	2,689	275	5,283	621	362	452	7,862
	1987	8,244	3,962	2,219	257	3,845	580	281	0	6,653
	1977	6,826	3,921	1,967	246	2,847	504	271	195	6,110
	1963	6,059	4,057	1,757	277	1,823	469	296	0	6,423
	South Total	2012	19,237	11,087	5,775	771	21,800	674	760	1,201
	2007	18,485	10,600	5,171	711	19,608	709	652	1,082	14,199
	1997	16,631	11,354	4,441	609	14,821	713	559	763	12,480
	1987	15,731	11,816	3,954	571	12,237	687	462	222	11,144
	1977	13,676	11,383	3,459	505	9,579	621	409	350	10,253
	1963	11,641	11,163	3,105	524	5,668	522	456	0	10,011
East Total	2012	20,181	12,227	19,352	6,178	31,941	15,607	3,064	10,198	29,295
	2007	19,362	11,584	17,256	5,740	27,826	15,453	2,565	8,961	31,856
	1997	17,335	12,141	13,987	5,183	21,247	16,385	1,658	7,085	28,110
	1987	16,339	12,386	11,267	4,209	16,235	14,427	1,285	5,104	27,331
	1977	14,247	11,881	8,933	3,439	12,850	12,435	1,060	3,880	23,980
	1963	12,269	11,559	7,130	3,250	8,077	11,048	950	0	25,666

^a Data for 1953 unavailable for this table, data for 1963 provided.

^b Separate black cherry data not available for 1963, included in other hardwoods category.

Note: Data may not add to totals because of rounding.

Table 22. Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963^a.

Region and subregion	Year	All species	Total softwoods	Softwoods							
				Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
<i>Million cubic feet</i>											
Rocky Mountain											
Great Plains	2012	4,760	2,021	0	1,875	0	0	0	0	0	0
	2007	4,539	1,641	0	1,407	0	0	0	0	0	0
	1997	3,930	1,563	0	1,028	0	0	0	0	0	0
	1987	3,394	1,912	0	1,834	0	0	0	0	0	0
	1977	3,072	1,799	0	1,707	0	0	0	0	0	0
	1963	2,574	1,472	0	1,388	0	0	0	0	0	0
Intermountain	2012	131,145	122,068	30,129	16,938	22,885	1,397	0	400	0	0
	2007	123,847	114,919	28,967	14,449	22,053	941	0	443	0	0
	1997	121,368	113,118	29,052	16,426	18,912	1,063	1	534	0	0
	1987	104,603	98,386	22,560	15,544	14,861	971	2	1,578	0	0
	1977	98,177	93,312	20,475	14,762	13,591	1,462	1	2,184	0	0
	1963	96,245	91,751	19,913	15,650	12,984	1,694	4	3,069	0	0
Rocky Mountain Total	2012	135,905	124,089	30,129	18,813	22,885	1,397	0	400	0	0
	2007	128,386	116,560	28,967	15,856	22,053	941	0	443	0	0
	1997	125,299	114,681	29,052	17,454	18,912	1,063	1	534	0	0
	1987	107,997	100,298	22,560	17,378	14,861	971	2	1,578	0	0
	1977	101,249	95,111	20,475	16,469	13,591	1,462	1	2,184	0	0
	1963	98,819	93,223	19,913	17,038	12,984	1,694	4	3,069	0	0
Pacific Coast											
Alaska ^b	2012	35,762	32,453	0	0	19	12,785	0	0	0	10,372
	2007	30,785	27,912	0	0	6	11,224	0	0	0	8,641
	1997	32,562	29,417	0	0	2	11,425	0	0	0	8,519
	1987	41,262	37,051	0	0	15	15,873	0	0	0	10,145
	1977	52,499	48,277	0	0	179	30,259	0	0	0	10,500
	1963	53,617	49,426	0	0	97	30,083	0	0	0	16,111
Pacific Northwest	2012	158,206	145,473	77,829	12,221	16,531	20,885	704	380	19	1,422
	2007	153,304	140,415	75,516	12,420	17,213	21,697	677	436	1	1,486
	1997	149,018	135,969	69,559	11,564	16,332	19,806	689	386	32	328
	1987	143,700	130,711	63,660	11,094	17,060	20,049	588	343	45	1,771
	1977	143,057	132,535	60,076	12,634	16,926	24,266	761	888	91	1,466
	1963	154,241	144,994	64,250	15,613	19,816	24,892	900	1,231	46	1,601
Pacific Southwest	2012	68,096	57,887	19,117	10,390	14,227	123	2,974	305	5,347	201
	2007	67,408	54,926	18,608	10,379	12,803	78	2,717	283	4,710	106
	1997	57,785	49,172	13,898	9,722	13,346	31	2,960	276	4,610	0
	1987	54,055	46,311	12,700	8,695	12,689	42	3,031	319	5,114	36
	1977	49,870	45,979	12,786	9,124	12,804	129	3,355	231	4,302	48
	1963	56,559	53,365	17,277	10,210	13,428	69	3,694	305	5,352	33

Table 22. (cont.) Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963^a.

Region and subregion	Year	All species	Total softwoods	Softwoods							
				Douglas-fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
<i>Million cubic feet</i>											
Pacific Coast Total	2012	262,064	235,813	96,946	22,611	30,777	33,793	3,678	685	5,366	11,995
	2007	251,496	223,253	94,124	22,799	30,021	32,999	3,394	719	4,711	10,232
	1997	239,365	214,558	83,457	21,286	29,680	31,262	3,649	662	4,642	8,848
	1987	239,017	214,073	76,361	19,789	29,765	35,964	3,619	662	5,159	11,952
	1977	245,426	226,791	72,862	21,758	29,909	54,654	4,116	1,119	4,393	12,014
	1963	264,417	247,785	81,526	25,823	33,340	55,044	4,594	1,537	5,398	17,745
West Total	2012	397,969	359,902	127,075	41,424	53,662	35,190	3,678	1,085	5,366	11,995
	2007	379,882	339,813	123,091	38,655	52,074	33,940	3,394	1,162	4,711	10,232
	1997	364,664	329,238	112,509	38,741	48,592	32,324	3,650	1,196	4,642	8,848
	1987	347,014	314,371	98,921	37,166	44,626	36,935	3,621	2,240	5,159	11,952
	1977	346,675	321,902	93,337	38,226	43,500	56,116	4,117	3,303	4,393	12,014
	1963	363,236	341,008	101,439	42,861	46,324	56,739	4,598	4,606	5,398	17,745

Table 22. (cont.) Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963^a.

Region and subregion	Year	Softwoods					Hardwoods				
		Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Other softwoods	Total hardwoods	Cottonwood and aspen	Red alder	Oak	Other hardwoods
<i>Million cubic feet</i>											
Rocky Mountain											
Great Plains	2012	0	0	0	0	145	2,739	956	0	483	1,300
	2007	0	0	0	0	234	2,898	1,029	0	564	1,305
	1997	48	0	0	0	486	2,368	9	0	0	2,359
	1987	61	0	0	0	17	1,482	463	0	314	705
	1977	62	0	0	0	30	1,273	424	0	197	651
	1963	63	0	0	0	21	1,102	387	0	217	499
Intermountain	2012	19,283	4,013	0	19,569	7,453	9,077	8,844	20	0	213
	2007	18,220	3,961	0	21,855	4,030	8,928	8,569	68	18	272
	1997	15,260	3,704	3	22,269	5,896	8,250	7,808	0	0	442
	1987	13,515	4,816	3	21,131	3,405	6,217	6,172	0	0	45
	1977	12,932	3,876	1	19,857	4,171	4,865	4,758	0	0	107
	1963	12,689	6,153	4	16,806	2,785	4,494	4,421	6	0	67
Rocky Mountain Total	2012	19,283	4,013	0	19,569	7,598	11,816	9,800	20	483	1,513
	2007	18,220	3,961	0	21,855	4,264	11,826	9,598	68	582	1,578
	1997	15,308	3,704	3	22,269	6,382	10,618	7,817	0	0	2,801
	1987	13,576	4,816	3	21,131	3,422	7,699	6,635	0	314	750
	1977	12,994	3,876	1	19,857	4,201	6,138	5,182	0	197	759
	1963	12,752	6,153	4	16,806	2,806	5,596	4,808	6	217	565
Pacific Coast											
Alaska	2012	4,282	3	0	86	4,906	3,309	1,079	130	0	2,100
	2007	4,287	3	0	81	3,671	2,873	843	73	0	1,957
	1997	4,605	0	0	38	4,827	3,145	1,555	33	0	1,557
	1987	6,052	0	0	39	4,927	4,211	1,827	62	0	2,322
	1977	2,889	0	0	57	4,392	4,222	1,863	214	0	2,145
	1963	6	0	0	28	3,101	4,191	3,706	436	0	48
Pacific Northwest	2012	1,601	2,110	810	3,390	7,573	12,732	776	6,348	605	5,002
	2007	1,889	2,135	695	3,678	2,573	12,889	969	6,317	777	4,826
	1997	2,825	2,254	723	4,012	7,459	13,049	740	7,535	484	4,290
	1987	1,863	2,365	624	4,479	6,768	12,990	600	8,290	606	3,494
	1977	1,273	2,568	648	5,640	5,298	10,522	348	6,781	486	2,906
	1963	1,386	2,413	776	3,826	8,243	9,247	346	5,111	756	3,034
Pacific Southwest	2012	8	0	3,396	1,038	762	10,209	106	368	4,351	5,383
	2007	18	0	3,336	923	964	12,482	124	333	6,068	5,957
	1997	36	0	2,849	911	534	8,613	35	218	4,320	4,041
	1987	14	0	2,365	861	445	7,744	20	133	5,728	1,863
	1977	7	0	2,004	870	319	3,891	21	64	1,796	2,010
	1963	0	0	1,699	903	395	3,194	41	61	892	2,200

Table 22. (cont.) Net volume of growing stock on timberland in the Western United States by species, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1963^a.

Region and subregion	Year	Softwoods					Hardwoods				
		Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Other softwoods	Total hardwoods	Cottonwood and aspen	Red alder	Oak	Other hardwoods
<i>Million cubic feet</i>											
Pacific Coast Total	2012	5,891	2,113	4,206	4,514	13,241	26,250	1,961	6,846	4,956	12,485
	2007	6,195	2,137	4,031	4,682	7,208	28,244	1,935	6,724	6,845	12,739
	1997	7,466	2,254	3,571	4,960	12,821	24,808	2,330	7,786	4,804	9,888
	1987	7,929	2,365	2,989	5,379	12,140	24,944	2,447	8,485	6,334	7,679
	1977	4,169	2,568	2,652	6,567	10,009	18,635	2,232	7,059	2,282	7,062
	1963	1,392	2,413	2,476	4,757	11,739	16,632	4,094	5,609	1,647	5,282
West Total ^b	2012	25,174	6,126	4,206	24,083	20,839	38,066	11,761	6,866	5,439	13,998
	2007	24,415	6,098	4,031	26,536	11,472	40,069	11,533	6,792	7,427	14,317
	1997	22,773	5,958	3,574	27,229	19,203	35,425	10,147	7,786	4,804	12,689
	1987	21,506	7,181	2,992	26,510	15,562	32,644	9,082	8,485	6,648	8,429
	1977	17,163	6,444	2,653	26,424	14,210	24,773	7,414	7,059	2,480	7,821
	1963	14,144	8,567	2,479	21,564	14,544	22,228	8,901	5,615	1,864	5,848

^a Data for 1953 unavailable for this table, data for 1963 provided.

^b Data for Englemann and other spruces included in other softwoods for 1963.

Note: Data may not add to totals because of rounding.

Table 23. Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
<i>Million cubic feet</i>										
Northeast										
Connecticut	473	0	0	6	263	0	0	192	0	13
Delaware	137	0	120	17	0	0	0	0	0	0
Maine	12,918	0	0	14	2,752	2	6,101	1,864	0	2,185
Maryland	886	0	638	122	64	0	0	13	14	34
Massachusetts	2,762	0	0	83	1,894	0	50	721	0	15
New Hampshire	4,125	0	0	24	2,168	0	928	984	0	21
New Jersey	866	0	26	563	53	0	0	16	0	209
New York	6,834	0	0	253	2,994	5	757	2,194	0	630
Pennsylvania	3,093	0	0	264	1,009	0	35	1,635	0	151
Rhode Island	180	0	0	19	135	0	0	11	0	14
Vermont	2,853	0	0	3	872	0	876	984	0	119
West Virginia	1,335	0	29	460	364	0	158	305	0	20
Northeast Total	36,462	0	813	1,828	12,568	7	8,905	8,919	14	3,411
North Central										
Illinois	228	0	91	2	97	5	5	0	9	19
Indiana	295	0	34	63	120	1	0	0	0	77
Iowa	18	0	0	0	0	0	0	0	0	18
Michigan	9,108	0	1	149	3,563	419	1,586	833	0	2,556
Minnesota	5,078	0	0	9	1,480	302	1,783	0	0	1,504
Missouri	1,187	0	890	3	11	0	0	0	0	283
Ohio	560	0	8	128	301	0	1	38	0	84
Wisconsin	5,824	0	0	19	3,209	253	870	453	0	1,021
North Central Total	22,298	0	1,024	373	8,781	980	4,245	1,324	9	5,562
Southeast										
Florida	10,811	6,383	1,370	740	0	0	0	0	2,247	71
Georgia	19,663	5,040	12,653	728	355	0	0	35	812	40
North Carolina	12,508	583	8,602	1,540	1,012	0	30	247	370	122
South Carolina	11,375	723	9,732	313	83	0	0	18	442	64
Virginia	7,704	0	4,985	1,464	834	0	43	160	45	173
Southeast Total	62,061	12,729	37,342	4,785	2,284	0	73	460	3,916	470

Table 23. (cont.) Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other softwoods
<i>Million cubic feet</i>										
South Central										
Alabama	15,231	1,689	12,474	614	0	0	0	19	314	120
Arkansas	11,219	0	10,289	0	0	0	0	0	560	369
Kentucky	1,323	0	190	415	126	0	0	195	44	353
Louisiana	11,215	1,117	8,313	53	0	0	0	0	1,728	4
Mississippi	13,668	1,330	11,799	125	0	0	0	0	288	126
Oklahoma	1,582	0	1,536	0	0	0	0	0	0	46
Tennessee	3,013	0	1,217	553	437	0	0	282	143	380
Texas	9,645	264	8,939	0	0	0	0	0	267	176
South Central Total	66,896	4,400	54,757	1,760	563	0	0	496	3,344	1,574
East Total	187,717	17,129	93,936	8,746	24,196	987	13,223	11,199	7,283	11,017

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 24. Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>										
Northeast										
Connecticut	3,462	292	572	60	528	195	53	159	760	115
Delaware	619	65	8	1	122	6	0	0	154	14
Maine	10,712	24	834	0	21	0	1,332	1,886	2,882	755
Maryland	4,883	554	198	231	553	197	4	74	589	145
Massachusetts	4,457	218	875	33	502	89	139	308	1,196	144
New Hampshire	5,689	94	1,090	0	104	21	503	792	1,506	411
New Jersey	2,674	248	241	174	366	97	13	74	408	44
New York	22,982	473	1,939	345	423	743	756	4,324	5,144	1,409
Pennsylvania	29,338	1,572	3,311	2,243	1,389	876	268	2,500	5,940	942
Rhode Island	594	63	115	6	164	11	11	3	155	5
Vermont	6,276	23	342	10	4	41	598	2,170	1,149	461
West Virginia	23,947	2,335	2,067	2,357	1,875	1,754	232	1,740	2,337	932
Northeast Total	115,633	5,961	11,592	5,460	6,051	4,030	3,909	14,030	22,220	5,377
North Central										
Illinois	7,030	1,034	428	118	897	814	0	282	765	12
Indiana	8,767	831	434	127	742	871	0	965	667	228
Iowa	3,137	575	246	1	173	217	0	115	337	0
Michigan	20,547	837	1,558	0	906	219	453	4,464	4,422	403
Minnesota	9,738	739	764	0	114	35	29	484	510	0
Missouri	15,419	4,018	962	1,584	3,671	1,722	0	237	337	9
Ohio	13,180	1,080	734	392	832	1,200	1	1,209	1,543	386
Wisconsin	15,591	1,047	1,785	0	900	285	266	2,341	2,467	31
North Central Total	93,409	10,161	6,911	2,222	8,235	5,363	749	10,097	11,048	1,069
Southeast										
Florida	4,530	17	3	214	1,309	129	0	2	274	8
Georgia	15,976	1,661	358	1,134	3,678	837	2	18	818	50
North Carolina	21,461	1,898	1,118	1,608	2,162	958	56	148	2,140	332
South Carolina	9,035	879	360	296	1,951	408	1	5	544	29
Virginia	21,810	2,962	1,523	2,453	2,692	1,434	22	332	1,373	469
Southeast Total	72,812	7,417	3,362	5,705	11,792	3,766	81	505	5,149	888

Table 24. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>										
South Central										
Alabama	15,178	1,394	634	1,153	3,424	1,314	0	81	298	148
Arkansas	15,453	2,638	1,547	1,825	3,089	1,547	0	80	192	82
Kentucky	19,336	2,715	1,047	1,590	1,919	2,297	0	1,181	1,247	790
Louisiana	9,925	586	413	614	2,661	580	0	7	245	133
Mississippi	13,354	1,177	1,026	596	3,356	893	0	15	195	161
Oklahoma	3,063	236	204	649	663	510	0	2	55	0
Tennessee	21,273	3,019	963	2,454	2,717	2,393	8	740	1,170	384
Texas	7,273	390	288	1,089	2,249	346	0	11	52	38
South Central Total	104,855	12,155	6,122	9,970	20,078	9,880	8	2,117	3,454	1,736
East Total	386,709	35,694	27,987	23,357	46,156	23,039	4,747	26,749	41,871	9,070

Table 24. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry	Other hardwoods
<i>Million cubic feet</i>									
Northeast									
Connecticut	0	7	187	5	111	34	0	56	328
Delaware	95	26	10	0	73	2	5	15	25
Maine	0	0	559	26	0	1,263	0	33	1,097
Maryland	415	143	110	31	1,175	8	24	189	243
Massachusetts	0	17	279	10	9	127	2	169	339
New Hampshire	0	3	317	20	0	197	0	54	575
New Jersey	147	94	219	6	284	26	25	29	179
New York	1	15	2,482	704	103	1,213	57	1,629	1,223
Pennsylvania	1	253	1,544	425	1,613	669	207	3,461	2,126
Rhode Island	0	15	9	0	3	8	0	2	24
Vermont	0	0	529	39	0	238	0	119	554
West Virginia	0	259	641	708	3,875	96	139	878	1,721
Northeast Total	659	832	6,886	1,974	7,246	3,881	459	6,634	8,434
North Central									
Illinois	114	21	406	77	151	292	260	154	1,206
Indiana	131	64	680	91	1,118	263	267	256	1,031
Iowa	0	0	109	170	0	336	256	49	553
Michigan	0	12	1,439	796	52	3,263	78	713	930
Minnesota	0	0	1,247	851	0	3,694	40	29	1,202
Missouri	27	121	385	33	18	244	522	77	1,450
Ohio	15	89	1,074	229	1,555	490	305	813	1,234
Wisconsin	0	0	1,350	1,184	0	2,469	116	271	1,079
North Central Total	287	307	6,690	3,431	2,894	11,051	1,844	2,362	8,685
Southeast									
Florida	487	1,323	269	17	89	1	0	42	346
Georgia	2,295	1,759	295	19	2,335	7	18	79	613
North Carolina	2,194	1,670	587	131	4,799	27	75	159	1,400
South Carolina	1,870	1,046	191	1	918	57	11	33	437
Virginia	1,069	445	441	165	5,222	21	109	117	963
Southeast Total	7,915	6,243	1,783	333	13,363	113	213	430	3,759

Table 24. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and State, 2012.

Subregion and State	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry	Other hardwoods
<i>Million cubic feet</i>									
South Central									
Alabama	2,526	1,197	345	54	1,741	42	24	83	717
Arkansas	1,889	667	505	15	15	110	57	90	1,104
Kentucky	392	295	992	211	2,712	55	220	179	1,493
Louisiana	1,631	1,266	479	1	49	68	0	27	1,165
Mississippi	2,382	720	419	26	910	98	10	112	1,256
Oklahoma	76	24	135	0	0	114	37	6	354
Tennessee	1,067	413	802	125	3,009	34	192	268	1,515
Texas	1,359	262	316	4	0	41	6	8	815
South Central Total	11,322	4,844	3,993	436	8,436	562	546	773	8,419
East Total	20,183	12,226	19,352	6,174	31,939	15,607	3,062	10,199	29,297

Note: Data may not add to totals because of rounding. Volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 25. Net volume of growing stock on timberland in the Western United States by species, subregion, and State, 2012.

Subregion and State	Softwoods									
	All species	Total softwoods	Douglas fir	Ponderosa and Jeffrey pines	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
	<i>Million cubic feet</i>									
Great Plains										
Kansas	1,431	34	0	2	0	0	0	0	0	0
Nebraska	1,125	292	0	261	0	0	0	0	0	0
North Dakota	327	1	0	0	0	0	0	0	0	0
South Dakota	1,877	1,694	0	1,612	0	0	0	0	0	0
Great Plains Total	4,760	2,021	0	1,875	0	0	0	0	0	0
Intermountain										
Arizona	5,887	5,545	555	4,346	278	0	0	0	0	0
Colorado	23,648	19,126	2,539	2,211	3,150	0	0	0	0	0
Idaho	40,569	39,960	11,635	2,474	11,517	1,115	0	300	0	0
Montana	35,057	34,560	11,182	2,945	3,794	282	0	93	0	0
Nevada	638	596	54	92	223	0	0	7	0	0
New Mexico	7,382	6,631	1,510	3,302	851	0	0	0	0	0
Utah	6,547	4,932	1,069	409	1,456	0	0	0	0	0
Wyoming	11,417	10,718	1,585	1,158	1,616	0	0	0	0	0
Intermountain Total	131,145	122,068	30,129	16,937	22,885	1,397	0	400	0	0
Alaska										
Alaska	35,762	32,453	0	0	19	12,785	0	0	0	10,372
Alaska Total	35,762	32,453	0	0	19	12,785	0	0	0	10,372
Pacific Northwest										
Oregon	89,846	82,981	49,466	8,616	8,990	7,242	704	254	18	770
Washington	68,360	62,492	28,363	3,605	7,540	13,643	0	126	1	652
Pacific Northwest Total	158,206	145,473	77,829	12,221	16,530	20,885	704	380	19	1,422
Pacific Southwest										
California	67,816	57,883	19,117	10,390	14,227	123	2,974	305	5,347	201
Hawaii	280	4	0	0	0	0	0	0	0	0
Pacific Southwest Total	68,096	57,887	19,117	10,390	14,227	123	2,974	305	5,347	201
West Total	397,969	359,902	127,075	41,423	53,661	35,190	3,678	1,085	5,366	11,995

Table 25. (cont.) Net volume of growing stock on timberland in the Western United States by species, subregion, and State, 2012.

Subregion and State	Softwoods (cont.)						Hardwoods				
	Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western red-cedar ^a	Other soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other hard-woods
<i>Million cubic feet</i>											
Great Plains											
Kansas	0	0	0	0	0	33	1,397	223	0	274	899
Nebraska	0	0	0	0	0	31	833	469	0	120	244
North Dakota	0	0	0	0	0	0	326	180	0	63	83
South Dakota	0	0	0	0	0	82	183	84	0	26	74
Great Plains Total	0	0	0	0	0	146	2,739	956	0	483	1,300
Intermountain											
Arizona	280	0	0	0	0	85	342	341	0	0	1
Colorado	7,536	0	0	3,351	0	337	4,522	4,520	0	0	2
Idaho	3,132	1,383	0	4,231	2,861	1,312	609	471	18	0	120
Montana	4,078	2,629	0	7,914	511	1,132	497	433	2	0	62
Nevada	0	0	0	80	0	141	41	41	0	0	0
New Mexico	741	0	0	0	0	227	751	751	0	0	0
Utah	1,195	0	0	722	0	81	1,615	1,614	0	0	1
Wyoming	2,321	0	0	3,272	0	767	700	673	0	0	27
Intermountain Total	19,283	4,012	0	19,570	3,372	4,082	9,077	8,844	20	0	213
Alaska											
Alaska	4,282	3	0	86	1,320	3,586	3,309	1,079	130	0	2,100
Alaska Total	4,282	3	0	86	1,320	3,586	3,309	1,079	130	0	2,100
Pacific Northwest											
Oregon	525	599	810	1,977	1,527	1,484	6,864	125	2,807	543	3,389
Washington	1,076	1,511	0	1,413	3,801	761	5,868	652	3,541	62	1,613
Pacific Northwest Total	1,601	2,110	810	3,390	5,328	2,245	12,732	777	6,348	605	5,002
Pacific Southwest											
California	8	0	3,396	1,038	1	757	9,933	106	368	4,351	5,107
Hawaii	0	0	0	0	0	4	276	0	0	0	276
Pacific Southwest Total	8	0	3,396	1,038	1	761	10,209	106	368	4,351	5,383
West Total	25,174	6,125	4,206	24,084	10,021	10,820	38,066	11,762	6,866	5,439	13,998

^a Western redcedar volume may be included in other western softwood volume. Western redcedar volume in Oregon for national forest lands includes some incense-cedar.

Note: Data may not add to totals because of rounding. Total volume by State in this table may differ slightly from volume by State in other tables because of rounding.

Table 26. Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>										
Northeast										
5.0 - 6.9	6,244	147	203	132	121	197	327	821	1,647	444
7.0 - 8.9	11,583	359	476	395	287	447	516	1,526	3,082	808
9.0 - 10.9	15,761	653	858	686	556	616	658	2,156	3,852	865
11.0 - 12.9	17,460	841	1,297	840	740	731	699	2,287	3,895	828
13.0 - 14.9	16,897	888	1,615	968	929	620	543	2,155	3,321	658
15.0 - 16.9	14,692	855	1,650	806	913	627	430	1,729	2,491	584
17.0 - 18.9	10,760	655	1,416	599	721	330	298	1,141	1,580	386
19.0 - 20.9	7,596	548	1,228	390	547	215	158	732	1,002	286
21.0 - 28.9	11,910	771	2,247	547	1,058	240	254	1,204	1,128	462
29.0 +	2,732	246	600	98	178	7	26	278	221	55
Northeast Total	115,635	5,963	11,590	5,461	6,050	4,030	3,909	14,029	22,219	5,376
North Central										
5.0 - 6.9	6,826	370	155	138	288	362	68	876	955	51
7.0 - 8.9	10,314	653	289	263	537	589	103	1,409	1,481	70
9.0 - 10.9	12,545	972	502	336	813	745	110	1,706	1,711	94
11.0 - 12.9	12,804	1,230	721	348	1,001	868	114	1,612	1,513	108
13.0 - 14.9	12,427	1,344	914	327	1,174	873	99	1,394	1,380	122
15.0 - 16.9	10,727	1,348	928	301	1,165	675	81	1,066	1,101	117
17.0 - 18.9	8,426	1,132	868	209	950	533	73	828	813	128
19.0 - 20.9	6,061	918	699	102	769	318	32	473	624	105
21.0 - 28.9	10,626	1,742	1,431	185	1,301	349	56	674	1,153	226
29.0 +	2,652	454	404	11	235	49	13	61	317	47
North Central Total	93,408	10,163	6,911	2,220	8,233	5,361	749	10,099	11,048	1,068
Southeast										
5.0 - 6.9	4,460	244	72	195	669	218	11	41	601	48
7.0 - 8.9	6,482	464	122	410	937	367	13	55	749	65
9.0 - 10.9	8,195	636	200	626	1,259	504	14	64	784	95
11.0 - 12.9	8,805	842	252	726	1,369	564	15	68	701	93
13.0 - 14.9	9,282	977	315	800	1,441	587	12	67	628	99
15.0 - 16.9	9,035	1,078	340	722	1,457	537	5	73	515	103
17.0 - 18.9	7,577	1,014	388	610	1,138	386	2	49	401	94
19.0 - 20.9	5,857	732	339	451	1,029	240	2	22	261	69
21.0 - 28.9	10,610	1,201	980	879	1,884	336	3	61	454	154
29.0 +	2,510	229	354	284	609	26	4	5	55	67
Southeast Total	72,813	7,417	3,362	5,703	11,792	3,765	81	505	5,149	887

Table 26. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Total	Select white oaks	Select red oaks	Other white oaks	Other red oaks	Hickory	Yellow birch	Hard maple	Soft maple	Beech
<i>Million cubic feet</i>										
South Central										
5.0 - 6.9	6,109	473	151	431	803	527	2	233	452	67
7.0 - 8.9	9,385	905	264	833	1,206	1,014	1	301	535	85
9.0 - 10.9	11,883	1,304	417	1,127	1,655	1,402	2	336	529	131
11.0 - 12.9	13,278	1,570	527	1,327	2,061	1,560	1	326	444	141
13.0 - 14.9	13,887	1,826	633	1,405	2,405	1,524	2	301	417	196
15.0 - 16.9	12,532	1,679	692	1,193	2,392	1,306	0	252	310	180
17.0 - 18.9	10,616	1,447	700	1,041	2,309	933	0	125	248	194
19.0 - 20.9	8,340	1,047	622	865	1,945	595	0	87	186	249
21.0 - 28.9	14,977	1,641	1,597	1,422	3,995	860	0	121	248	406
29.0 +	3,848	263	520	325	1,307	160	0	38	85	85
South Central Total	104,855	12,155	6,123	9,969	20,078	9,881	8	2,120	3,454	1,734
East Total										
5.0 - 6.9	23,639	1,234	581	896	1,881	1,304	408	1,971	3,655	610
7.0 - 8.9	37,764	2,381	1,151	1,901	2,967	2,417	633	3,291	5,847	1,028
9.0 - 10.9	48,384	3,565	1,977	2,775	4,283	3,267	784	4,262	6,876	1,185
11.0 - 12.9	52,347	4,483	2,797	3,241	5,171	3,723	829	4,293	6,553	1,170
13.0 - 14.9	52,493	5,035	3,477	3,500	5,949	3,604	656	3,917	5,746	1,075
15.0 - 16.9	46,986	4,960	3,610	3,022	5,927	3,145	516	3,120	4,417	984
17.0 - 18.9	37,379	4,248	3,372	2,459	5,118	2,182	373	2,143	3,042	802
19.0 - 20.9	27,854	3,245	2,888	1,808	4,290	1,368	192	1,314	2,073	709
21.0 - 28.9	48,123	5,355	6,255	3,033	8,238	1,785	313	2,060	2,983	1,248
29.0 +	11,742	1,192	1,878	718	2,329	242	43	382	678	254
East Total	386,711	35,698	27,986	23,353	46,153	23,037	4,747	26,753	41,870	9,065

Table 26. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry	Other eastern hardwoods
<i>Million cubic feet</i>									
Northeast									
5.0 - 6.9	33	101	461	47	113	269	13	266	900
7.0 - 8.9	58	127	754	129	238	461	33	494	1,395
9.0 - 10.9	71	146	959	217	386	639	60	772	1,609
11.0 - 12.9	87	114	1,075	296	566	756	63	935	1,410
13.0 - 14.9	118	104	1,011	322	890	653	71	978	1,052
15.0 - 16.9	97	71	926	336	977	421	71	963	746
17.0 - 18.9	60	51	669	217	1,010	299	60	789	481
19.0 - 20.9	48	36	398	126	865	137	39	556	285
21.0 - 28.9	66	72	534	226	1,726	193	45	807	329
29.0 +	19	11	98	58	476	52	5	78	226
Northeast Total	657	833	6,885	1,974	7,247	3,880	460	6,638	8,433
North Central									
5.0 - 6.9	16	38	685	171	66	1,374	66	191	956
7.0 - 8.9	21	44	977	329	148	1,600	129	314	1,357
9.0 - 10.9	35	48	1,067	511	182	1,714	204	354	1,438
11.0 - 12.9	40	37	940	602	249	1,641	261	406	1,112
13.0 - 14.9	38	44	834	570	330	1,418	304	350	913
15.0 - 16.9	34	30	672	454	378	1,080	275	295	726
17.0 - 18.9	27	28	537	283	396	637	227	198	561
19.0 - 20.9	26	9	374	213	317	374	173	92	442
21.0 - 28.9	46	29	520	264	704	721	187	162	877
29.0 +	3	0	85	34	126	492	18	0	303
North Central Total	286	307	6,691	3,431	2,896	11,051	1,844	2,362	8,685
Southeast									
5.0 - 6.9	754	478	108	14	476	5	10	74	441
7.0 - 8.9	989	733	146	21	767	11	20	71	541
9.0 - 10.9	1,150	911	197	25	1,081	8	24	63	555
11.0 - 12.9	1,081	894	217	30	1,330	7	30	57	528
13.0 - 14.9	1,083	939	236	45	1,514	9	36	50	442
15.0 - 16.9	931	784	228	57	1,752	15	39	37	362
17.0 - 18.9	645	596	218	44	1,693	9	22	23	246
19.0 - 20.9	512	385	127	35	1,414	7	18	21	193
21.0 - 28.9	714	467	263	63	2,744	32	14	34	325
29.0 +	54	54	41	0	592	10	0	0	126
Southeast Total	7,913	6,241	1,781	334	13,363	113	213	430	3,759

Table 26. (cont.) Net volume of hardwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Sweetgum	Tupelo and black gum	Ash	Basswood	Yellow-poplar	Cottonwood and aspen	Black walnut	Black cherry	Other eastern hardwoods
<i>Million cubic feet</i>									
South Central									
5.0 - 6.9	986	344	243	18	374	14	21	115	855
7.0 - 8.9	1,410	549	380	34	558	17	50	139	1,104
9.0 - 10.9	1,635	668	503	44	761	20	79	128	1,141
11.0 - 12.9	1,667	765	548	51	950	31	93	109	1,108
13.0 - 14.9	1,505	775	543	60	1,079	31	97	80	1,010
15.0 - 16.9	1,200	589	502	80	1,129	43	82	69	834
17.0 - 18.9	952	437	389	39	992	45	65	48	653
19.0 - 20.9	657	250	291	45	854	29	25	41	549
21.0 - 28.9	1,164	394	466	67	1,438	170	34	35	919
29.0 +	148	73	129	0	301	161	0	7	247
South Central Total	11,324	4,844	3,994	438	8,436	561	546	771	8,420
East Total									
5.0 - 6.9	1,789	961	1,497	250	1,029	1,662	110	646	3,152
7.0 - 8.9	2,478	1,453	2,257	513	1,711	2,089	232	1,018	4,397
9.0 - 10.9	2,891	1,773	2,726	797	2,410	2,381	367	1,317	4,743
11.0 - 12.9	2,875	1,810	2,780	979	3,095	2,435	447	1,507	4,158
13.0 - 14.9	2,744	1,862	2,624	997	3,813	2,111	508	1,458	3,417
15.0 - 16.9	2,262	1,474	2,328	927	4,236	1,559	467	1,364	2,668
17.0 - 18.9	1,684	1,112	1,813	583	4,091	990	374	1,058	1,941
19.0 - 20.9	1,243	680	1,190	419	3,450	547	255	710	1,469
21.0 - 28.9	1,990	962	1,783	620	6,612	1,116	280	1,038	2,450
29.0 +	224	138	353	92	1,495	715	23	85	902
East Total	20,180	12,225	19,351	6,177	31,942	15,605	3,063	10,201	29,297

Note: Data may not add to totals because of rounding. Total volume by region in this table may differ slightly from volume by region in other tables because of rounding.

Table 27. Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
<i>Million cubic feet</i>										
Northeast										
5.0 - 6.9	3,394	0	55	135	418	0	1,916	543	0	327
7.0 - 8.9	4,880	0	106	297	809	3	2,132	955	0	578
9.0 - 10.9	5,283	0	126	388	1,090	2	1,822	1,181	0	673
11.0 - 12.9	5,218	0	118	381	1,385	2	1,329	1,356	0	646
13.0 - 14.9	4,689	0	143	312	1,539	0	843	1,338	0	515
15.0 - 16.9	3,735	0	94	199	1,483	0	450	1,198	1	310
17.0 - 18.9	2,835	0	70	70	1,328	0	226	938	2	200
19.0 - 20.9	2,071	0	65	26	1,216	0	112	573	2	77
21.0 - 28.9	3,577	0	37	20	2,632	0	73	731	9	75
29.0 +	782	0	0	0	667	0	0	106	0	9
Northeast Total	36,464	0	814	1,828	12,567	7	8,903	8,919	14	3,410
North Central										
5.0 - 6.9	3,288	0	48	38	518	169	1,367	35	0	1,111
7.0 - 8.9	4,097	0	106	66	1,013	250	1,217	70	0	1,373
9.0 - 10.9	3,759	0	178	81	1,286	233	731	101	0	1,149
11.0 - 12.9	3,034	0	203	73	1,259	173	405	133	0	788
13.0 - 14.9	2,323	0	202	54	1,059	102	243	160	2	501
15.0 - 16.9	1,720	0	139	36	875	30	148	182	0	311
17.0 - 18.9	1,267	0	72	13	743	17	76	185	0	161
19.0 - 20.9	885	0	45	9	549	5	31	168	3	76
21.0 - 28.9	1,607	0	30	3	1,193	0	27	265	4	85
29.0 +	318	0	0	0	287	0	0	25	0	7
North Central Total	22,298	0	1,023	373	8,782	979	4,245	1,324	9	5,562
Southeast										
5.0 - 6.9	6,564	1,767	3,744	551	114	0	3	33	253	99
7.0 - 8.9	10,577	2,448	6,509	871	179	0	8	46	408	108
9.0 - 10.9	11,014	2,287	6,937	937	197	0	8	45	516	88
11.0 - 12.9	9,914	1,971	6,099	916	215	0	11	52	584	66
13.0 - 14.9	7,976	1,684	4,672	705	221	0	14	64	566	48
15.0 - 16.9	5,699	1,174	3,310	413	235	0	12	38	496	20
17.0 - 18.9	3,862	691	2,343	189	218	0	8	39	357	19
19.0 - 20.9	2,432	388	1,437	95	245	0	4	36	215	13
21.0 - 28.9	3,482	289	2,112	108	480	0	5	64	416	8
29.0 +	541	29	180	0	182	0	0	44	107	0
Southeast Total	62,061	12,728	37,343	4,785	2,286	0	73	461	3,918	469

Table 27. (cont.) Net volume of softwood growing stock on timberland in the Eastern United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Total	Longleaf and slash pines	Loblolly and shortleaf pines	Other yellow pines	White and red pines	Jack pine	Spruce and balsam fir	Eastern hemlock	Cypress	Other soft-woods
<i>Million cubic feet</i>										
South Central										
5.0 - 6.9	6,016	314	5,053	175	28	0	0	36	77	332
7.0 - 8.9	9,820	541	8,406	240	36	0	0	54	134	408
9.0 - 10.9	10,348	621	8,749	305	38	0	0	53	224	358
11.0 - 12.9	9,770	711	8,177	307	43	0	0	49	256	227
13.0 - 14.9	8,715	822	7,057	289	60	0	0	57	305	125
15.0 - 16.9	6,745	629	5,426	184	64	0	0	40	328	76
17.0 - 18.9	4,989	385	4,009	115	49	0	0	33	376	21
19.0 - 20.9	3,623	223	2,903	54	46	0	0	35	349	12
21.0 - 28.9	5,730	144	4,435	82	150	0	0	115	790	14
29.0 +	1,140	10	542	9	49	0	0	24	506	0
South Central Total	66,896	4,400	54,757	1,760	563	0	0	496	3,345	1,573
East Total										
5.0 - 6.9	19,262	2,081	8,900	899	1,078	169	3,286	647	330	1,869
7.0 - 8.9	29,374	2,989	15,127	1,474	2,037	253	3,357	1,125	542	2,467
9.0 - 10.9	30,404	2,908	15,990	1,711	2,611	235	2,561	1,380	740	2,268
11.0 - 12.9	27,936	2,682	14,597	1,677	2,902	175	1,745	1,590	840	1,727
13.0 - 14.9	23,703	2,506	12,074	1,360	2,879	102	1,100	1,619	873	1,189
15.0 - 16.9	17,899	1,803	8,969	832	2,657	30	610	1,458	825	717
17.0 - 18.9	12,953	1,076	6,494	387	2,338	17	310	1,195	735	401
19.0 - 20.9	9,011	611	4,450	184	2,056	5	147	812	569	178
21.0 - 28.9	14,396	433	6,614	213	4,455	0	105	1,175	1,219	182
29.0 +	2,781	39	722	9	1,185	0	0	199	613	16
East Total	187,719	17,128	93,937	8,746	24,198	986	13,221	11,200	7,286	11,014

Note: Data may not add to totals because of rounding. Total volume by region in this table may differ slightly from volume by region in other tables because of rounding.

Table 28. Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Softwoods									
	Total	Total softwoods	Douglas fir	Ponderosa and Jeffrey pine	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
	<i>Million cubic feet</i>									
Great Plains										
5.0 - 6.9	209	88	0	61	0	0	0	0	0	0
7.0 - 8.9	416	231	0	199	0	0	0	0	0	0
9.0 - 10.9	537	316	0	292	0	0	0	0	0	0
11.0 - 12.9	589	352	0	336	0	0	0	0	0	0
13.0 - 14.9	606	323	0	306	0	0	0	0	0	0
15.0 - 16.9	509	254	0	236	0	0	0	0	0	0
17.0 - 18.9	435	205	0	200	0	0	0	0	0	0
19.0 - 20.9	327	134	0	131	0	0	0	0	0	0
21.0 - 28.9	643	117	0	115	0	0	0	0	0	0
29.0 +	488	0	0	0	0	0	0	0	0	0
Great Plains Total	4,759	2,020	0	1,876	0	0	0	0	0	0
Intermountain										
5.0 - 6.9	8,522	7,722	1,184	429	1,911	66	0	19	0	0
7.0 - 8.9	14,588	12,975	2,182	1,022	2,563	115	0	30	0	0
9.0 - 10.9	17,417	15,393	3,049	1,583	2,917	136	0	28	0	0
11.0 - 12.9	17,251	15,488	3,564	1,992	2,963	159	0	53	0	0
13.0 - 14.9	15,497	14,294	3,736	2,090	2,687	169	0	38	0	0
15.0 - 16.9	13,233	12,593	3,660	1,951	2,337	128	0	43	0	0
17.0 - 18.9	10,852	10,487	3,051	1,668	1,954	95	0	43	0	0
19.0 - 20.9	8,139	7,931	2,447	1,383	1,433	85	0	26	0	0
21.0 - 28.9	18,412	18,095	5,346	3,525	2,888	294	0	107	0	0
29.0 +	7,233	7,090	1,910	1,296	1,234	149	0	12	0	0
Intermountain Total	131,144	122,068	30,129	16,939	22,887	1,396	0	399	0	0
Alaska										
5.0 - 6.9	1,631	980	0	0	1	313	0	0	0	159
7.0 - 8.9	2,592	1,804	0	0	1	522	0	0	0	241
9.0 - 10.9	2,725	2,209	0	0	1	738	0	0	0	352
11.0 - 12.9	2,881	2,464	0	0	1	842	0	0	0	459
13.0 - 14.9	2,678	2,445	0	0	1	918	0	0	0	497
15.0 - 16.9	2,653	2,380	0	0	0	914	0	0	0	597
17.0 - 18.9	2,314	2,206	0	0	3	905	0	0	0	594
19.0 - 20.9	2,092	2,039	0	0	0	1,008	0	0	0	578
21.0 - 28.9	7,225	7,026	0	0	13	3,368	0	0	0	2,394
29.0 +	8,971	8,899	0	0	0	3,257	0	0	0	4,500
Alaska Total	35,762	32,452	0	0	21	12,785	0	0	0	10,371

Table 28. (cont.) Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Softwoods									
	Total	Total softwoods	Douglas fir	Ponderosa and Jeffrey pine	True fir	Western hemlock	Sugar pine	Western white pine	Redwood	Sitka spruce
<i>Million cubic feet</i>										
Pacific Northwest										
5.0 - 6.9	4,228	3,417	1,323	224	508	559	4	10	1	16
7.0 - 8.9	8,274	6,952	3,088	454	894	1,131	6	14	2	28
9.0 - 10.9	11,352	9,804	4,638	756	1,210	1,603	8	18	1	52
11.0 - 12.9	13,332	11,611	5,700	927	1,367	1,994	8	28	1	77
13.0 - 14.9	13,729	12,146	5,969	1,135	1,423	2,178	9	27	0	87
15.0 - 16.9	13,414	12,011	6,044	1,065	1,341	2,190	18	21	0	87
17.0 - 18.9	12,101	10,954	5,510	1,047	1,391	1,884	14	21	0	90
19.0 - 20.9	11,002	10,159	5,290	1,023	1,245	1,559	21	30	0	66
21.0 - 28.9	32,303	30,641	16,386	2,984	3,875	4,320	117	75	0	273
29.0 +	38,469	37,780	23,881	2,605	3,276	3,466	499	137	14	644
Pacific Northwest Total	158,204	145,475	77,829	12,220	16,530	20,884	704	381	19	1,420
Pacific Southwest										
5.0 - 6.9	1,794	1,068	398	160	269	5	19	5	42	1
7.0 - 8.9	2,718	1,685	611	281	432	7	32	5	83	4
9.0 - 10.9	3,481	2,331	799	411	625	11	46	7	126	6
11.0 - 12.9	3,981	2,797	899	555	735	15	59	8	198	10
13.0 - 14.9	4,275	3,263	1,020	665	947	15	59	12	198	13
15.0 - 16.9	4,385	3,459	1,105	711	924	11	92	8	246	15
17.0 - 18.9	4,572	3,771	1,127	792	1,044	16	110	20	250	23
19.0 - 20.9	4,299	3,599	921	795	997	9	140	24	303	10
21.0 - 28.9	14,407	12,657	3,394	2,618	3,363	32	630	66	1,352	35
29.0 +	24,185	23,258	8,842	3,401	4,891	3	1,787	152	2,548	83
Pacific Southwest Total	68,097	57,888	19,116	10,389	14,227	124	2,974	307	5,346	200
West Total										
5.0 - 6.9	16,386	13,276	2,905	874	2,689	943	23	34	43	176
7.0 - 8.9	28,593	23,652	5,881	1,956	3,890	1,775	38	49	85	273
9.0 - 10.9	35,513	30,053	8,486	3,042	4,753	2,488	54	53	127	410
11.0 - 12.9	38,034	32,711	10,163	3,810	5,066	3,010	67	89	199	546
13.0 - 14.9	36,783	32,468	10,725	4,196	5,058	3,280	68	77	198	597
15.0 - 16.9	34,192	30,696	10,809	3,963	4,602	3,243	110	72	246	699
17.0 - 18.9	30,275	27,624	9,688	3,707	4,392	2,900	124	84	250	707
19.0 - 20.9	25,860	23,863	8,658	3,332	3,675	2,661	161	80	303	654
21.0 - 28.9	72,991	68,537	25,126	9,242	10,139	8,014	747	248	1,352	2,702
29.0 +	79,345	77,026	34,633	7,302	9,401	6,875	2,286	301	2,562	5,227
West Total	397,972	359,906	127,074	41,424	53,665	35,189	3,678	1,087	5,365	11,991

Table 28. (cont.) Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Softwoods (cont.)						Hardwoods				
	Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western red-cedar ^a	Other soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other hard-woods
<i>Million cubic feet</i>											
Great Plains											
5.0 - 6.9	0	0	0	0	0	27	121	21	0	18	82
7.0 - 8.9	0	0	0	0	0	32	185	27	0	29	129
9.0 - 10.9	0	0	0	0	0	24	222	35	0	40	147
11.0 - 12.9	0	0	0	0	0	16	237	38	0	46	152
13.0 - 14.9	0	0	0	0	0	17	283	54	0	52	176
15.0 - 16.9	0	0	0	0	0	18	255	60	0	28	167
17.0 - 18.9	0	0	0	0	0	5	230	50	0	45	134
19.0 - 20.9	0	0	0	0	0	4	193	55	0	61	77
21.0 - 28.9	0	0	0	0	0	2	526	259	0	122	145
29.0 +	0	0	0	0	0	0	488	357	0	40	91
Great Plains Total	0	0	0	0	0	145	2,740	956	0	481	1,300
Intermountain											
5.0 - 6.9	720	130	0	2,837	200	226	800	753	2	0	45
7.0 - 8.9	1,333	279	0	4,777	217	457	1,613	1,562	1	0	50
9.0 - 10.9	1,827	415	0	4,613	252	574	2,023	1,979	1	0	44
11.0 - 12.9	2,160	491	0	3,267	275	564	1,764	1,721	4	0	38
13.0 - 14.9	2,343	502	0	1,984	250	494	1,203	1,180	6	0	18
15.0 - 16.9	2,326	452	0	1,059	262	375	640	628	3	0	9
17.0 - 18.9	2,136	318	0	555	277	391	365	357	0	0	8
19.0 - 20.9	1,609	302	0	242	186	219	208	203	3	0	2
21.0 - 28.9	3,718	810	0	202	641	565	317	317	0	0	0
29.0 +	1,113	313	0	32	812	219	144	144	0	0	0
Intermountain Total	19,285	4,012	0	19,568	3,372	4,084	9,077	8,844	20	0	214
Alaska											
5.0 - 6.9	410	0	0	4	14	80	652	175	15	0	462
7.0 - 8.9	852	3	0	10	29	148	788	168	25	0	595
9.0 - 10.9	840	0	0	9	43	226	516	122	21	0	373
11.0 - 12.9	820	0	0	15	58	268	417	101	21	0	294
13.0 - 14.9	600	0	0	15	76	337	233	74	15	0	144
15.0 - 16.9	427	0	0	13	84	345	272	78	18	0	176
17.0 - 18.9	221	0	0	6	97	380	108	66	4	0	38
19.0 - 20.9	78	0	0	6	74	295	53	37	3	0	13
21.0 - 28.9	34	0	0	8	348	863	199	186	8	0	4
29.0 +	0	0	0	0	498	644	72	72	0	0	1
Alaska Total	4,282	3	0	86	1,321	3,586	3,310	1,079	130	0	2,100

Table 28. (cont.) Net volume of growing stock on timberland in the Western United States by species, subregion, and diameter class, 2012.

Subregion and diameter class (in inches)	Softwoods (cont.)						Hardwoods				
	Engelmann and other spruces	Western larch	Incense-cedar	Lodgepole pine	Western red-cedar ^a	Other soft-woods	Total hard-woods	Cotton-wood and aspen	Red alder	Oak	Other hard-woods
<i>Million cubic feet</i>											
Pacific Northwest											
5.0 - 6.9	37	61	25	440	148	62	811	15	310	76	410
7.0 - 8.9	77	122	30	755	240	114	1,322	28	656	87	551
9.0 - 10.9	130	203	40	733	268	143	1,549	45	829	74	600
11.0 - 12.9	141	234	36	577	341	180	1,721	50	1,010	78	583
13.0 - 14.9	171	242	50	374	326	154	1,584	48	948	68	519
15.0 - 16.9	211	260	45	235	327	167	1,403	47	819	54	484
17.0 - 18.9	156	174	35	137	337	157	1,147	54	632	37	424
19.0 - 20.9	143	168	44	54	338	179	843	62	467	44	270
21.0 - 28.9	360	427	139	70	1,074	539	1,662	243	597	50	773
29.0 +	177	218	366	17	1,929	550	689	184	80	36	389
Pacific Northwest Total	1,603	2,109	810	3,392	5,328	2,245	12,731	776	6,348	604	5,003
Pacific Southwest											
5.0 - 6.9	0	0	111	39	0	18	726	4	15	326	381
7.0 - 8.9	0	0	146	50	0	34	1,033	3	41	462	527
9.0 - 10.9	0	0	176	70	0	54	1,150	6	62	482	600
11.0 - 12.9	0	0	190	77	0	51	1,184	3	75	490	616
13.0 - 14.9	0	0	172	107	0	55	1,012	7	38	370	597
15.0 - 16.9	0	0	221	76	0	49	926	14	44	397	471
17.0 - 18.9	0	0	211	113	0	66	801	0	38	322	440
19.0 - 20.9	0	0	213	100	0	85	700	19	29	299	353
21.0 - 28.9	7	0	720	262	1	177	1,750	39	21	766	925
29.0 +	1	0	1,235	143	0	172	926	13	6	437	471
Pacific Southwest Total	8	0	3,395	1,037	1	761	10,208	108	369	4,351	5,381
West Total											
5.0 - 6.9	1,167	191	136	3,320	362	413	3,110	968	342	420	1,380
7.0 - 8.9	2,262	404	176	5,592	486	785	4,941	1,788	723	578	1,852
9.0 - 10.9	2,797	618	216	5,425	563	1,021	5,460	2,187	913	596	1,764
11.0 - 12.9	3,121	725	226	3,936	674	1,079	5,323	1,913	1,110	614	1,683
13.0 - 14.9	3,114	744	222	2,480	652	1,057	4,315	1,363	1,007	490	1,454
15.0 - 16.9	2,964	712	266	1,383	673	954	3,496	827	884	479	1,307
17.0 - 18.9	2,513	492	246	811	711	999	2,651	527	674	404	1,044
19.0 - 20.9	1,830	470	257	402	598	782	1,997	376	502	404	715
21.0 - 28.9	4,119	1,237	859	542	2,064	2,146	4,454	1,044	626	938	1,847
29.0 +	1,291	531	1,601	192	3,239	1,585	2,319	770	86	513	952
West Total	25,178	6,124	4,205	24,083	10,022	10,821	38,066	11,763	6,867	5,436	13,998

Note: Data may not add to totals because of rounding. Total volume by region in this table may differ slightly from volume by region in other tables because of rounding.

Table 29. Net volume of softwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
North												
Northeast	2012	36,463	3,394	4,880	5,283	5,218	4,689	3,735	2,835	2,071	3,577	782
	2007	29,914	3,303	4,597	4,629	4,435	3,732	2,806	2,092	1,444	2,352	524
	1997	30,945	3,744	5,318	5,133	4,751	3,810	2,783	1,827	1,227	1,935	417
	1987	31,609	4,751	6,404	6,043	4,919	3,351	2,288	1,426	904	1,291	232
	1977	30,990	7,639	7,255	5,431	3,877	2,547	1,711	1,018	607	767	138
	1953	20,028	4,628	4,734	3,147	2,498	1,791	1,190	721	527	702	90
North Central	2012	22,298	3,288	4,097	3,759	3,034	2,323	1,720	1,267	885	1,607	318
	2007	21,614	3,369	4,200	3,838	3,037	2,209	1,587	1,040	771	1,345	218
	1997	18,431	3,571	4,149	3,316	2,374	1,579	1,058	772	542	893	178
	1987	16,012	3,429	3,816	2,939	1,964	1,285	865	609	426	598	81
	1977	12,857	3,163	3,103	2,190	1,430	949	695	491	315	461	60
	1953	7,024	1,802	1,592	1,167	862	516	348	261	161	274	41
North Total	2012	58,761	6,682	8,977	9,042	8,252	7,012	5,455	4,102	2,956	5,184	1,100
	2007	51,528	6,672	8,797	8,467	7,472	5,941	4,393	3,132	2,215	3,697	742
	1997	49,376	7,315	9,467	8,449	7,125	5,389	3,841	2,599	1,769	2,828	595
	1987	47,621	8,180	10,220	8,982	6,883	4,636	3,153	2,035	1,330	1,889	313
	1977	43,847	10,802	10,358	7,621	5,307	3,496	2,406	1,509	922	1,228	198
	1953	27,052	6,430	6,326	4,314	3,360	2,307	1,538	982	688	976	131
South												
Southeast	2012	62,061	6,564	10,577	11,014	9,914	7,976	5,699	3,862	2,432	3,482	541
	2007	56,722	6,472	10,413	9,966	8,654	6,945	4,985	3,430	2,242	3,112	503
	1997	51,861	6,621	9,358	9,146	8,043	6,447	4,732	3,032	1,888	2,293	301
	1987	52,619	6,483	9,420	9,878	8,847	6,834	4,544	2,886	1,640	1,845	242
	1977	51,008	6,929	9,384	9,780	8,535	6,467	4,337	2,500	1,408	1,487	181
	1953	35,548	4,547	6,776	7,473	6,574	4,265	2,550	1,464	805	969	125
South Central	2012	66,895	6,016	9,820	10,348	9,770	8,715	6,745	4,989	3,623	5,730	1,140
	2007	61,749	5,624	9,145	9,382	8,956	7,896	6,524	4,621	3,369	5,223	1,007
	1997	52,985	4,772	7,530	8,014	8,364	7,602	6,117	4,172	2,677	3,344	393
	1987	52,997	4,765	7,521	8,985	8,978	7,515	5,788	3,885	2,418	2,844	298
	1977	50,200	5,178	7,691	8,771	8,451	6,923	5,126	3,406	2,082	2,340	232
	1953	24,914	2,596	3,834	4,554	4,338	3,473	2,556	1,645	886	910	122
South Total	2012	128,956	12,580	20,397	21,362	19,684	16,691	12,444	8,851	6,055	9,212	1,681
	2007	118,471	12,096	19,558	19,348	17,610	14,841	11,509	8,051	5,611	8,335	1,510
	1997	104,846	11,393	16,888	17,160	16,407	14,049	10,849	7,204	4,565	5,637	694
	1987	105,616	11,248	16,941	18,863	17,825	14,349	10,332	6,771	4,058	4,689	540
	1977	101,208	12,107	17,075	18,551	16,986	13,390	9,463	5,906	3,490	3,827	413
	1953	60,462	7,143	10,610	12,027	10,912	7,738	5,106	3,109	1,691	1,879	247

Table 29. (cont.) Net volume of softwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Rocky Mountain												
Great Plains	2012	2,021	88	231	316	352	323	254	205	134	117	0
	2007	1,641	114	215	277	282	256	188	139	90	72	8
	1997	1,563	145	267	271	266	221	157	107	64	63	2
	1987	1,913	162	278	334	339	285	215	156	74	69	1
	1977	1,798	147	267	324	315	263	195	130	83	72	2
	1953	1,310	68	132	174	197	177	176	136	111	131	8
Intermountain	2012	122,068	7,722	12,975	15,393	15,488	14,294	12,593	10,487	7,931	18,095	7,090
	2007	116,784	7,683	12,986	15,266	15,326	14,156	11,965	9,545	7,273	15,973	6,612
	1997	113,118	9,164	14,678	15,933	15,176	12,897	10,605	8,428	6,485	14,056	5,695
	1987	98,392	8,639	12,318	13,388	12,425	10,685	8,957	7,142	5,603	13,161	6,074
	1977	93,320	9,383	11,772	11,883	10,950	9,682	8,172	6,912	5,681	13,305	5,580
	1953	86,235	8,573	8,455	8,956	8,968	8,542	7,858	6,884	5,886	14,935	7,178
Rocky Mountain Total	2012	124,089	7,810	13,206	15,709	15,840	14,617	12,847	10,692	8,065	18,212	7,090
	2007	118,425	7,797	13,201	15,543	15,608	14,412	12,153	9,684	7,363	16,045	6,620
	1997	114,681	9,309	14,945	16,204	15,442	13,118	10,762	8,535	6,549	14,119	5,697
	1987	100,305	8,801	12,596	13,722	12,764	10,970	9,172	7,298	5,677	13,230	6,075
	1977	95,118	9,530	12,039	12,207	11,265	9,945	8,367	7,042	5,764	13,377	5,582
	1953	87,545	8,641	8,587	9,130	9,165	8,719	8,034	7,020	5,997	15,066	7,186
Pacific Coast												
Alaska	2012	32,453	980	1,804	2,209	2,464	2,445	2,380	2,206	2,039	7,026	8,899
	2007	29,124	800	1,604	1,941	2,236	2,192	2,182	2,023	1,911	6,547	7,688
	1997	29,810	743	1,538	1,830	2,044	2,162	1,995	2,052	2,008	6,908	8,530
	1987	37,049	956	1,934	2,394	2,705	2,675	2,662	2,750	2,506	8,797	9,670
	1977	48,280	1,346	1,849	2,754	3,521	3,996	4,116	3,685	3,424	11,547	12,042
	1953	49,150	1,103	1,495	2,279	3,097	3,619	3,963	3,792	3,624	12,414	13,764
Pacific Northwest	2012	145,473	3,417	6,952	9,804	11,611	12,146	12,011	10,954	10,159	30,641	37,780
	2007	146,006	3,474	7,052	9,916	11,600	11,977	11,847	10,852	10,182	32,544	36,562
	1997	135,969	3,767	6,983	9,101	10,397	10,471	10,273	9,629	8,884	26,732	39,732
	1987	130,684	4,154	7,662	9,780	10,863	10,636	10,266	9,527	8,533	24,926	34,337
	1977	132,535	5,821	7,235	8,235	8,800	8,719	8,682	8,493	7,859	26,299	42,392
	1953	149,574	4,264	5,593	6,366	7,370	7,242	8,090	7,844	7,967	29,507	65,331
Pacific Southwest	2012	57,887	1,068	1,685	2,331	2,797	3,263	3,459	3,771	3,599	12,657	23,258
	2007	54,922	1,179	1,708	2,300	2,697	3,180	3,419	3,553	3,322	11,734	21,830
	1997	49,172	820	1,444	2,064	2,462	2,676	3,070	3,134	3,201	11,369	18,931
	1987	46,317	891	1,417	1,754	2,135	2,383	2,628	2,792	2,665	10,223	19,429
	1977	45,979	769	1,259	1,613	1,885	2,213	2,387	2,456	2,511	10,016	20,870
	1953	58,010	766	1,245	1,603	1,835	2,055	2,160	2,269	2,282	10,141	33,654

Table 29. (cont.) Net volume of softwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Pacific Coast Total	2012	235,813	5,465	10,441	14,344	16,872	17,854	17,850	16,931	15,797	50,324	69,937
	2007	230,052	5,453	10,364	14,157	16,533	17,349	17,448	16,428	15,415	50,825	66,080
	1997	214,951	5,330	9,965	12,995	14,903	15,309	15,338	14,815	14,093	45,009	67,193
	1987	214,050	6,001	11,013	13,928	15,703	15,694	15,556	15,069	13,704	43,946	63,436
	1977	226,794	7,936	10,343	12,602	14,206	14,928	15,185	14,634	13,794	47,862	75,304
	1953	256,734	6,133	8,333	10,248	12,302	12,916	14,213	13,905	13,873	52,062	112,749
U.S. Total	2012	547,619	32,537	53,021	60,457	60,648	56,174	48,596	40,576	32,873	82,932	79,808
	2007	518,476	32,018	51,920	57,515	57,223	52,543	45,503	37,295	30,604	78,902	74,952
	1997	483,854	33,347	51,265	54,808	53,877	47,865	40,790	33,153	26,976	67,593	74,179
	1987	467,592	34,230	50,770	55,495	53,175	45,649	38,213	31,173	24,769	63,754	70,364
	1977	466,967	40,375	49,815	50,981	47,764	41,759	35,421	29,091	23,970	66,294	81,497
	1953	431,793	28,347	33,856	35,719	35,739	31,680	28,891	25,016	22,249	69,983	120,313

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 30. Net volume of hardwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
North												
Northeast	2012	115,634	6,244	11,583	15,761	17,460	16,897	14,692	10,760	7,596	11,910	2,732
	2007	103,331	7,626	12,841	16,445	16,235	14,757	11,739	8,295	5,276	8,339	1,778
	1997	90,234	8,137	13,420	15,604	14,110	12,048	9,054	6,165	4,145	6,160	1,391
	1987	80,526	9,280	13,288	14,328	12,619	10,359	7,344	5,022	3,090	4,402	794
	1977	67,320	10,488	12,220	12,275	9,872	7,790	5,458	3,558	2,240	2,968	451
	1953	43,199	6,926	7,703	7,332	5,712	4,652	3,578	2,532	1,660	2,709	395
North Central	2012	93,409	6,826	10,314	12,545	12,804	12,427	10,727	8,426	6,061	10,626	2,652
	2007	88,809	7,259	10,746	12,930	12,700	11,747	9,618	7,336	5,256	8,777	2,440
	1997	74,640	7,436	10,575	12,210	11,341	9,678	7,475	5,305	3,499	5,798	1,323
	1987	61,896	8,177	10,121	10,432	9,074	7,103	5,452	3,829	2,604	4,076	1,028
	1977	51,835	7,773	9,665	9,338	7,414	5,925	4,203	2,775	1,753	2,468	521
	1953	33,498	4,766	5,925	6,037	4,359	3,630	2,705	1,928	1,319	2,401	428
North Total	2012	209,043	13,070	21,897	28,306	30,264	29,324	25,419	19,186	13,657	22,536	5,384
	2007	192,140	14,885	23,587	29,375	28,935	26,504	21,357	15,631	10,532	17,116	4,218
	1997	164,874	15,573	23,995	27,814	25,451	21,726	16,529	11,470	7,644	11,958	2,714
	1987	142,422	17,457	23,409	24,760	21,693	17,462	12,796	8,851	5,694	8,478	1,822
	1977	119,155	18,261	21,885	21,613	17,286	13,715	9,661	6,333	3,993	5,436	972
	1953	76,697	11,692	13,628	13,369	10,071	8,282	6,283	4,460	2,979	5,110	823
South												
Southeast	2012	72,812	4,460	6,482	8,195	8,805	9,282	9,035	7,577	5,857	10,610	2,510
	2007	70,025	4,741	6,921	8,598	9,118	9,346	8,586	6,789	5,096	8,777	2,053
	1997	71,124	5,598	7,861	9,542	10,208	9,781	8,365	6,387	4,613	7,219	1,550
	1987	68,154	5,963	8,156	9,556	10,345	9,516	7,805	5,787	3,815	5,947	1,264
	1977	60,691	6,005	8,037	9,192	9,239	8,346	6,500	4,616	2,985	4,766	1,005
	1953	41,533	3,558	5,218	6,391	6,315	5,900	4,309	3,293	2,226	3,603	720
South Central	2012	104,855	6,109	9,385	11,883	13,278	13,887	12,532	10,616	8,340	14,977	3,848
	2007	100,026	6,505	9,742	12,183	13,113	13,233	11,849	9,619	7,243	13,043	3,496
	1997	80,392	6,605	9,823	11,838	11,180	10,815	8,941	6,848	4,877	7,807	1,657
	1987	70,869	7,385	9,914	11,340	10,493	9,487	7,505	5,295	3,430	5,129	891
	1977	61,472	7,426	8,978	9,843	8,852	8,019	6,404	4,380	2,782	4,055	733
	1953	46,475	4,529	6,170	7,308	7,028	6,304	4,901	3,553	2,354	3,739	589
South Total	2012	177,667	10,569	15,867	20,078	22,083	23,169	21,567	18,193	14,197	25,587	6,358
	2007	170,051	11,246	16,663	20,781	22,231	22,579	20,435	16,408	12,339	21,820	5,549
	1997	151,516	12,203	17,684	21,380	21,388	20,596	17,306	13,235	9,490	15,026	3,207
	1987	139,023	13,348	18,070	20,896	20,838	19,003	15,310	11,082	7,245	11,076	2,155
	1977	122,163	13,431	17,015	19,035	18,091	16,365	12,904	8,996	5,767	8,821	1,738
	1953	88,008	8,087	11,388	13,699	13,343	12,204	9,210	6,846	4,580	7,342	1,309

Table 30. (cont.) Net volume of hardwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Rocky Mountain												
Great Plains	2012	2,739	121	185	222	237	283	255	230	193	526	488
	2007	2,898	169	243	273	251	269	241	202	212	541	497
	1997	2,368	175	225	265	240	239	212	187	153	418	255
	1987	1,472	168	158	177	148	136	116	96	82	230	161
	1977	1,273	133	149	169	155	136	114	90	76	230	21
	1953	1,097	92	130	139	106	121	113	97	78	199	22
Intermountain	2012	9,077	800	1,613	2,023	1,764	1,203	640	365	208	317	144
	2007	9,555	876	1,660	1,975	1,806	1,335	708	397	298	395	105
	1997	8,250	1,462	1,933	1,837	1,222	750	439	216	139	178	74
	1987	6,217	1,086	1,423	1,424	888	550	317	167	124	163	75
	1977	4,863	797	1,164	1,007	738	462	278	175	95	133	14
	1953	3,973	444	802	817	660	467	298	188	114	158	25
Rocky Mountain Total	2012	11,816	921	1,798	2,245	2,001	1,486	895	595	401	843	632
	2007	12,453	1,045	1,903	2,248	2,057	1,604	949	599	510	936	602
	1997	10,618	1,637	2,158	2,102	1,462	989	651	403	292	596	329
	1987	7,689	1,254	1,581	1,601	1,036	686	433	263	206	393	236
	1977	6,136	930	1,313	1,176	893	598	392	265	171	363	35
	1953	5,070	536	932	956	766	588	411	285	192	357	47
Pacific Coast												
Alaska	2012	3,309	652	788	516	417	233	272	108	53	199	72
	2007	2,873	639	760	464	343	186	207	72	32	115	55
	1997	3,145	583	710	466	359	224	281	124	102	233	63
	1987	4,211	664	1,030	675	562	335	337	187	135	216	70
	1977	4,222	616	915	744	416	373	304	203	148	313	190
	1953	4,189	610	874	720	407	370	305	208	155	335	205
Pacific Northwest	2012	12,732	811	1,322	1,549	1,721	1,584	1,403	1,147	843	1,662	689
	2007	12,891	882	1,430	1,661	1,701	1,556	1,443	1,095	851	1,551	721
	1997	13,049	742	1,454	1,905	2,083	1,698	1,417	1,113	731	1,380	524
	1987	13,007	826	1,567	2,079	2,116	1,813	1,364	1,020	633	1,151	438
	1977	10,522	1,199	1,475	1,594	1,520	1,299	971	762	511	924	267
	1953	7,082	1,037	1,062	1,049	961	807	529	458	321	671	187
Pacific Southwest	2012	10,209	726	1,033	1,150	1,184	1,012	926	801	700	1,750	926
	2007	12,484	955	1,309	1,465	1,457	1,263	1,150	970	738	1,993	1,184
	1997	8,613	641	892	876	948	882	704	661	583	1,548	879
	1987	7,744	551	798	823	781	750	699	626	485	1,412	819
	1977	3,891	254	411	415	391	368	365	299	266	720	402
	1953	3,049	193	320	250	281	301	257	242	203	536	466

Table 30. (cont.) Net volume of hardwood growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Pacific Coast Total	2012	26,250	2,189	3,143	3,215	3,322	2,829	2,601	2,056	1,596	3,611	1,687
	2007	28,248	2,476	3,499	3,590	3,501	3,005	2,800	2,137	1,621	3,659	1,960
	1997	24,807	1,966	3,056	3,247	3,390	2,804	2,402	1,898	1,416	3,161	1,466
	1987	24,962	2,041	3,395	3,577	3,459	2,898	2,400	1,833	1,253	2,779	1,327
	1977	18,635	2,069	2,801	2,753	2,327	2,040	1,640	1,264	925	1,957	859
	1953	14,320	1,840	2,256	2,019	1,649	1,478	1,091	908	679	1,542	858
U.S. Total	2012	424,776	26,749	42,705	53,844	57,670	56,808	50,482	40,030	29,851	52,577	14,061
	2007	402,892	29,652	45,652	55,994	56,724	53,692	45,541	34,775	25,002	43,531	12,329
	1997	351,815	31,379	46,893	54,543	51,691	46,115	36,888	27,006	18,842	30,741	7,716
	1987	314,096	34,100	46,455	50,834	47,026	40,049	30,939	22,029	14,398	22,726	5,540
	1977	266,089	34,691	43,014	44,577	38,597	32,718	24,597	16,858	10,856	16,577	3,604
	1953	184,095	22,155	28,204	30,043	25,829	22,552	16,995	12,499	8,430	14,351	3,037

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 31. Net volume of growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
North												
Northeast	2012	152,097	9,638	16,463	21,044	22,678	21,586	18,427	13,595	9,667	15,487	3,514
	2007	133,245	10,929	17,438	21,074	20,670	18,489	14,545	10,387	6,720	10,691	2,302
	1997	121,179	11,881	18,738	20,737	18,861	15,858	11,837	7,992	5,372	8,095	1,808
	1987	112,135	14,031	19,692	20,371	17,538	13,710	9,632	6,448	3,994	5,693	1,026
	1977	98,310	18,127	19,475	17,706	13,749	10,337	7,169	4,576	2,847	3,735	589
	1953	63,227	11,554	12,437	10,479	8,210	6,443	4,768	3,253	2,187	3,411	485
North Central	2012	115,707	10,114	14,411	16,304	15,838	14,750	12,447	9,693	6,946	12,233	2,970
	2007	110,423	10,628	14,946	16,768	15,737	13,956	11,205	8,376	6,027	10,122	2,658
	1997	93,071	11,007	14,724	15,526	13,715	11,257	8,533	6,077	4,041	6,691	1,501
	1987	77,908	11,606	13,937	13,371	11,038	8,388	6,317	4,438	3,030	4,674	1,109
	1977	64,692	10,936	12,768	11,528	8,844	6,874	4,898	3,266	2,068	2,929	581
	1953	40,522	6,568	7,517	7,204	5,221	4,146	3,053	2,189	1,480	2,675	469
North Total	2012	267,804	19,752	30,874	37,348	38,516	36,336	30,874	23,288	16,613	27,720	6,484
	2007	243,668	21,557	32,384	37,842	36,407	32,445	25,750	18,763	12,747	20,813	4,960
	1997	214,250	22,888	33,462	36,263	32,576	27,115	20,370	14,069	9,413	14,786	3,309
	1987	190,043	25,637	33,629	33,742	28,576	22,098	15,949	10,886	7,024	10,367	2,135
	1977	163,002	29,063	32,243	29,234	22,593	17,211	12,067	7,842	4,915	6,664	1,170
	1953	103,749	18,122	19,954	17,683	13,431	10,589	7,821	5,442	3,667	6,086	954
South												
Southeast	2012	134,873	11,024	17,059	19,209	18,719	17,258	14,734	11,439	8,289	14,092	3,051
	2007	126,747	11,213	17,334	18,564	17,772	16,291	13,571	10,219	7,338	11,889	2,556
	1997	122,985	12,219	17,219	18,688	18,251	16,228	13,097	9,419	6,501	9,512	1,851
	1987	120,773	12,446	17,576	19,434	19,192	16,350	12,349	8,673	5,455	7,792	1,506
	1977	111,699	12,934	17,421	18,972	17,774	14,813	10,837	7,116	4,393	6,253	1,186
	1953	77,081	8,105	11,994	13,864	12,889	10,165	6,859	4,757	3,031	4,572	845
South Central	2012	171,750	12,125	19,205	22,231	23,048	22,602	19,277	15,605	11,963	20,707	4,988
	2007	161,775	12,129	18,887	21,565	22,069	21,129	18,373	14,240	10,612	18,266	4,503
	1997	133,377	11,377	17,353	19,852	19,544	18,417	15,058	11,020	7,554	11,151	2,050
	1987	123,866	12,150	17,435	20,325	19,471	17,002	13,293	9,180	5,848	7,973	1,189
	1977	111,672	12,604	16,669	18,614	17,303	14,942	11,530	7,786	4,864	6,395	965
	1953	71,389	7,125	10,004	11,862	11,366	9,777	7,457	5,198	3,240	4,649	711
South Total	2012	306,623	23,149	36,264	41,440	41,767	39,860	34,011	27,044	20,252	34,799	8,039
	2007	288,522	23,342	36,221	40,129	39,841	37,420	31,944	24,459	17,950	30,155	7,059
	1997	256,362	23,596	34,572	38,540	37,795	34,645	28,155	20,439	14,055	20,663	3,901
	1987	244,639	24,596	35,011	39,759	38,663	33,352	25,642	17,853	11,303	15,765	2,695
	1977	223,371	25,538	34,090	37,586	35,077	29,755	22,367	14,902	9,257	12,648	2,151
	1953	148,470	15,230	21,998	25,726	24,255	19,942	14,316	9,955	6,271	9,221	1,556

Table 31. (cont.) Net volume of growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Rocky Mountain												
Great Plains	2012	4,760	209	416	538	589	606	509	435	327	643	488
	2007	4,539	283	458	550	533	525	429	341	302	613	505
	1997	3,931	320	492	536	506	460	369	294	217	481	257
	1987	3,385	330	436	511	487	421	331	252	156	299	162
	1977	3,071	280	416	493	470	399	309	220	159	302	23
	1953	2,407	160	262	313	303	298	289	233	189	330	30
Intermountain	2012	131,145	8,522	14,588	17,416	17,252	15,497	13,233	10,852	8,139	18,412	7,234
	2007	126,339	8,559	14,646	17,241	17,132	15,491	12,673	9,942	7,571	16,368	6,717
	1997	121,368	10,626	16,611	17,770	16,398	13,647	11,044	8,644	6,624	14,234	5,769
	1987	104,609	9,725	13,741	14,812	13,313	11,235	9,274	7,309	5,727	13,324	6,149
	1977	98,183	10,180	12,936	12,890	11,688	10,144	8,450	7,087	5,776	13,438	5,594
	1953	90,208	9,017	9,257	9,773	9,628	9,009	8,156	7,072	6,000	15,093	7,203
Rocky Mountain Total	2012	135,905	8,731	15,004	17,954	17,841	16,103	13,742	11,287	8,466	19,055	7,722
	2007	130,878	8,842	15,104	17,791	17,665	16,016	13,102	10,283	7,873	16,981	7,222
	1997	125,299	10,946	17,103	18,306	16,904	14,107	11,413	8,938	6,841	14,715	6,026
	1987	107,994	10,055	14,177	15,323	13,800	11,656	9,605	7,561	5,883	13,623	6,311
	1977	101,254	10,460	13,352	13,383	12,158	10,543	8,759	7,307	5,935	13,740	5,617
	1953	92,615	9,177	9,519	10,086	9,931	9,307	8,445	7,305	6,189	15,423	7,233
Pacific Coast												
Alaska	2012	35,762	1,632	2,592	2,725	2,881	2,678	2,652	2,314	2,092	7,225	8,971
	2007	31,997	1,439	2,364	2,405	2,579	2,378	2,389	2,095	1,943	6,662	7,743
	1997	32,955	1,326	2,248	2,296	2,403	2,386	2,276	2,176	2,110	7,141	8,593
	1987	41,260	1,620	2,964	3,069	3,267	3,010	2,999	2,937	2,641	9,013	9,740
	1977	52,502	1,962	2,764	3,498	3,937	4,369	4,420	3,888	3,572	11,860	12,232
	1953	53,339	1,713	2,369	2,999	3,504	3,989	4,268	4,000	3,779	12,749	13,969
Pacific Northwest	2012	158,205	4,228	8,274	11,353	13,332	13,730	13,414	12,101	11,002	32,303	38,469
	2007	158,897	4,356	8,482	11,577	13,301	13,533	13,290	11,947	11,033	34,095	37,283
	1997	149,018	4,509	8,437	11,006	12,480	12,169	11,690	10,742	9,615	28,112	40,256
	1987	143,691	4,980	9,229	11,859	12,979	12,449	11,630	10,547	9,166	26,077	34,775
	1977	143,057	7,020	8,710	9,829	10,320	10,018	9,653	9,255	8,370	27,223	42,659
	1953	156,656	5,301	6,655	7,415	8,331	8,049	8,619	8,302	8,288	30,178	65,518
Pacific Southwest	2012	68,096	1,794	2,718	3,481	3,981	4,275	4,385	4,572	4,299	14,407	24,184
	2007	67,406	2,134	3,017	3,765	4,154	4,443	4,569	4,523	4,060	13,727	23,014
	1997	57,785	1,461	2,336	2,940	3,410	3,558	3,774	3,795	3,784	12,917	19,810
	1987	54,061	1,442	2,215	2,577	2,916	3,133	3,327	3,418	3,150	11,635	20,248
	1977	49,870	1,023	1,670	2,028	2,276	2,581	2,752	2,755	2,777	10,736	21,272
	1953	61,059	959	1,565	1,853	2,116	2,356	2,417	2,511	2,485	10,677	34,120

Table 31. (cont.) Net volume of growing stock on timberland in the United States by diameter class, region, and subregion, 2012, 2007, 1997, 1987, 1977, and 1953.

Region and subregion	Year	Total	Diameter class (inches)									
			5.0 to 6.9	7.0 to 8.9	9.0 to 10.9	11.0 to 12.9	13.0 to 14.9	15.0 to 16.9	17.0 to 18.9	19.0 to 20.9	21.0 to 28.9	29.0+
<i>Million cubic feet</i>												
Pacific Coast Total	2012	262,063	7,654	13,584	17,559	20,194	20,683	20,451	18,987	17,393	53,935	71,624
	2007	258,300	7,929	13,863	17,747	20,034	20,354	20,248	18,565	17,036	54,484	68,040
	1997	239,758	7,296	13,021	16,242	18,293	18,113	17,740	16,713	15,509	48,170	68,659
	1987	239,012	8,042	14,408	17,505	19,162	18,592	17,956	16,902	14,957	46,725	64,763
	1977	245,429	10,005	13,144	15,355	16,533	16,968	16,825	15,898	14,719	49,819	76,163
	1953	271,054	7,973	10,589	12,267	13,951	14,394	15,304	14,813	14,552	53,604	113,607
U.S. Total	2012	972,395	59,286	95,726	114,301	118,318	112,982	99,078	80,606	62,724	135,509	93,869
	2007	921,368	61,670	97,572	113,509	113,947	106,235	91,044	72,070	55,606	122,433	87,281
	1997	835,669	64,726	98,158	109,351	105,568	93,980	77,678	60,159	45,818	98,334	81,895
	1987	781,688	68,330	97,225	106,329	100,201	85,698	69,152	53,202	39,167	86,480	75,904
	1977	733,056	75,066	92,829	95,558	86,361	74,477	60,018	45,949	34,826	82,871	85,101
	1953	615,888	50,502	62,060	65,762	61,568	54,232	45,886	37,515	30,679	84,334	123,350

Note: Data may not add to totals because of rounding. Total volume by subregion in this table may differ slightly from total volume by subregion in other tables because of rounding.

Table 32. Net volume of growing stock on timberland by origin in the North, South, and West by forest-type group and major ownership group, 2012.

Region and forest-type group ^a	All ownership groups			Public ownerships			Private ownerships		
	Total	Planted	Natural	Total	Planted	Natural	Total	Planted	Natural
<i>Million cubic feet</i>									
North									
White-red-jack pine	20,159	5,838	14,321	6,570	2,807	3,763	13,589	3,031	10,558
Spruce-fir	16,476	940	15,536	5,309	357	4,952	11,166	583	10,584
Loblolly-shortleaf pine	2,653	634	2,018	1,181	336	845	1,471	298	1,173
Oak-pine	9,417	592	8,825	2,219	228	1,991	7,198	364	6,834
Oak-hickory	96,742	410	96,333	19,690	106	19,584	77,052	304	76,748
Oak-gum-cypress	1,475	1	1,474	537	0	537	938	1	937
Elm-ash-cottonwood	19,870	222	19,648	3,671	34	3,637	16,199	188	16,011
Maple-beech-birch	84,055	526	83,529	18,331	158	18,172	65,725	368	65,357
Aspen-birch	15,113	157	14,956	5,717	41	5,676	9,396	116	9,280
Other forest types	1,777	40	1,737	574	9	565	1,203	32	1,171
Nonstocked	67	3	65	17	0	17	50	2	47
North Total	267,803	9,362	258,441	63,817	4,077	59,740	203,986	5,285	198,701
South									
White-red-jack pine	1,535	155	1,380	579	14	566	956	142	814
Spruce-fir	61	13	48	48	0	48	13	13	0
Longleaf-slash pine	15,708	7,301	8,406	4,688	1,042	3,646	11,020	6,259	4,761
Loblolly-shortleaf pine	89,291	41,965	47,326	13,217	2,364	10,853	76,074	39,600	36,473
Oak-pine	27,837	1,312	26,525	4,836	135	4,702	23,001	1,178	21,823
Oak-hickory	110,085	523	109,562	17,963	51	17,911	92,122	471	91,651
Oak-gum-cypress	41,569	129	41,441	8,555	11	8,544	33,014	118	32,896
Elm-ash-cottonwood	13,114	39	13,074	1,825	1	1,824	11,289	39	11,250
Maple-beech-birch	6,104	10	6,094	980	0	980	5,125	10	5,115
Aspen-birch	4	0	4	0	0	0	4	0	4
Other forest types	1,238	8	1,230	236	0	236	1,002	8	994
Nonstocked	77	11	67	20	1	19	57	9	48
South Total	306,623	51,466	255,157	52,947	3,619	49,328	253,677	47,847	205,829

Table 32. (cont.) Net volume of growing stock on timberland by origin in the North, South, and West by forest-type group and major ownership group, 2012.

Region and forest-type group ^a	All ownership groups			Public ownerships			Private ownerships		
	Total	Planted	Natural	Total	Planted	Natural	Total	Planted	Natural
<i>Million cubic feet</i>									
West									
Douglas-fir	123,492	20,447	103,045	87,545	8,790	78,755	35,946	11,657	24,289
Ponderosa pine	35,316	1,054	34,262	23,622	738	22,884	11,693	315	11,378
Western white pine	170	3	167	143	3	140	27	0	27
Fir-spruce	71,720	473	71,247	64,039	314	63,725	7,681	159	7,521
Hemlock-Sitka spruce	58,250	1,978	56,272	46,508	720	45,788	11,742	1,258	10,484
Larch	4,045	27	4,017	3,459	24	3,434	586	3	583
Lodgepole pine	21,335	51	21,284	19,354	46	19,308	1,981	4	1,976
Redwood	4,982	131	4,851	288	0	288	4,694	131	4,563
Western hardwoods	45,004	1,637	43,367	22,507	605	21,902	22,498	1,032	21,465
Other softwoods	32,994	401	32,593	25,339	286	25,053	7,655	115	7,540
Pinyon-juniper	64	6	58	18	0	18	46	5	41
Other forest types	44	1	43	0	0	0	44	1	43
Nonstocked	554	35	519	348	16	332	206	20	187
West Total	397,968	26,243	371,726	293,170	11,543	281,626	104,799	14,699	90,099
U.S. Total	972,395	87,071	885,324	409,934	19,240	390,694	562,461	67,832	494,630

^a Forest type reflects the current dominant species by plurality of stocking and may not reflect the actual species planted at the time of stand origin.

Note: Data may not add to totals because of rounding.

Table 33. Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	All owners					National forest				
	2011	2006	1996	1976	1952	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>										
North										
Northeast										
Softwoods	347,098	299,645	273,609	191,544	150,800	11,907	10,769	7,549	1,746	3,570
Hardwoods	887,710	635,634	514,142	356,773	248,200	44,278	44,072	26,217	10,823	9,810
Northeast Total	1,234,808	935,280	787,750	548,317	399,000	56,185	54,841	33,766	12,569	13,380
North Central										
Softwoods	216,910	247,063	148,934	144,018	70,352	40,709	37,026	32,973	21,732	16,214
Hardwoods	1,029,475	851,427	602,156	487,295	244,082	87,298	64,876	55,959	36,115	18,417
North Central Total	1,246,385	1,098,490	751,090	631,313	314,434	128,008	101,902	88,932	57,847	34,631
North Total										
Softwoods	564,008	546,708	422,543	335,562	221,152	52,616	47,795	40,522	23,478	19,784
Hardwoods	1,917,185	1,487,061	1,116,298	844,068	492,282	131,577	108,948	82,176	46,938	28,227
North Total	2,481,193	2,033,769	1,538,840	1,179,630	713,434	184,193	156,743	122,698	70,416	48,011
South										
Southeast										
Softwoods	626,776	611,216	574,693	453,086	244,347	68,826	67,498	58,533	21,447	11,800
Hardwoods	518,119	580,751	558,641	316,029	289,558	32,855	41,751	53,604	24,358	18,600
Southeast Total	1,144,895	1,191,967	1,133,334	769,115	533,905	101,681	109,248	112,137	45,805	30,400
South Central										
Softwoods	621,447	754,352	371,449	230,702	106,337	91,906	146,598	34,270	19,769	12,132
Hardwoods	1,088,888	913,233	567,007	373,450	357,470	82,872	75,352	28,680	14,497	12,227
South Central Total	1,710,336	1,667,585	938,455	604,152	463,807	174,778	221,950	62,950	34,266	24,359
South Total										
Softwoods	1,248,223	1,365,568	946,142	683,788	350,684	160,732	214,095	92,803	41,216	23,932
Hardwoods	1,607,008	1,493,984	1,125,647	689,479	647,028	115,727	117,103	82,284	38,855	30,827
South Total	2,855,231	2,859,552	2,071,789	1,373,267	997,712	276,459	331,198	175,087	80,071	54,759
Rocky Mountain										
Great Plains										
Softwoods	28,835	11,232	9,904	3,940	3,300	15,562	6,558	7,198	3,543	3,025
Hardwoods	29,032	42,976	38,041	29,312	24,730	1,123	714	261	—	—
Great Plains Total	57,866	54,208	47,945	33,252	28,030	16,685	7,272	7,460	3,543	3,025
Intermountain										
Softwoods	1,918,586	1,226,767	182,808	1,003,593	447,579	1,644,082	1,045,457	819,293	270,479	388,200
Hardwoods	99,245	83,071	33,436	103,170	35,260	67,822	56,174	81,870	17,860	17,200
Intermountain Total	2,017,832	1,309,838	216,244	1,106,763	482,839	1,711,905	1,101,631	901,163	288,339	405,400

Table 33. (cont.) Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	All owners					National forest				
	2011	2006	1996	1976	1952	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>										
Rocky Mountain Total										
Softwoods	1,947,421	1,237,999	192,712	1,007,533	450,879	1,659,644	1,052,014	826,491	274,022	391,225
Hardwoods	128,277	126,047	71,477	132,482	59,990	68,945	56,888	82,131	17,860	17,200
Rocky Mountain Total	2,075,698	1,364,046	264,188	1,140,015	510,869	1,728,590	1,108,903	908,622	291,882	408,425
Pacific Coast										
Alaska										
Softwoods	275,285	236,177	137,849	206,786	200,409	121,000	104,123	139,989	146,799	171,090
Hardwoods	27,707	20,120	20,912	8,289	9,395	2,044	1,049	430	1,536	1,608
Alaska Total	302,992	256,297	158,761	215,075	209,804	123,044	105,172	140,419	148,335	172,698
Pacific Northwest										
Softwoods	821,990	835,797	317,807	965,724	871,900	441,082	451,403	592,824	326,700	407,300
Hardwoods	111,036	113,972	114,053	71,669	51,000	16,098	14,526	6,469	6,600	6,100
Pacific Northwest Total	933,026	949,769	431,859	1,037,393	922,900	457,180	465,929	599,293	333,300	413,400
Pacific Southwest										
Softwoods	304,853	288,358	112,372	209,174	248,100	212,820	195,699	152,274	80,800	199,500
Hardwoods	62,248	74,679	78,128	6,666	5,000	20,305	21,160	2,174	2,300	7,400
Pacific Southwest Total	367,101	363,037	190,500	215,840	253,100	233,125	216,859	154,448	83,100	206,900
Pacific Coast Total										
Softwoods	1,402,128	1,360,332	568,027	1,381,684	1,320,409	774,902	751,225	885,087	554,299	777,890
Hardwoods	200,991	208,770	213,093	86,624	65,395	38,447	36,735	9,073	10,436	15,108
Pacific Coast Total	1,603,119	1,569,103	781,120	1,468,309	1,385,804	813,349	787,960	894,161	564,735	792,998
United States										
Softwoods	5,161,781	4,510,608	2,129,423	3,408,567	2,343,124	2,647,895	2,065,130	1,844,904	893,015	1,212,831
Hardwoods	3,853,460	3,315,862	2,526,515	1,752,653	1,264,695	354,695	319,674	255,664	114,089	91,362
U.S. Total	9,015,241	7,826,470	4,655,938	5,161,220	3,607,819	3,002,590	2,384,804	2,100,568	1,007,104	1,304,193

Table 33. (cont.) Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	Other Public					2011	2011	Total Private				
	2011	2006	1996	1976	1952	Private corpo- rate	Private noncorpo- rate	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>												
North												
Northeast												
Softwoods	53,623	28,280	16,790	10,561	6,911	106,777	174,791	281,568	260,596	249,270	179,237	140,319
Hardwoods	154,608	88,889	73,113	33,580	21,982	194,905	493,918	688,824	502,673	414,812	312,370	216,408
Northeast Total	208,231	117,169	89,902	44,141	28,893	301,683	668,709	970,392	763,270	664,082	491,607	356,727
North Central												
Softwoods	67,949	81,223	60,153	36,930	19,644	19,011	89,240	108,251	128,813	88,781	74,115	28,976
Hardwoods	191,380	150,338	121,076	102,796	38,737	67,341	683,455	750,797	636,213	481,080	328,540	169,230
North Central Total	259,329	231,561	181,229	139,726	58,381	86,352	772,696	859,048	765,026	569,861	402,655	198,206
North Total												
Softwoods	121,572	109,503	76,943	47,491	26,555	125,788	264,031	389,819	264,031	389,819	653,850	653,850
Hardwoods	345,988	239,227	194,189	136,376	60,719	262,246	1,177,374	1,439,620	1,177,374	1,439,620	2,616,994	2,616,994
North Total	467,560	348,730	271,132	183,867	87,274	388,035	1,441,405	1,829,440	1,441,405	1,829,440	3,270,844	3,270,844
South												
Southeast												
Softwoods	85,685	58,098	41,147	18,553	11,100	176,795	295,471	472,265	485,621	533,546	376,000	211,800
Hardwoods	51,565	67,710	32,215	13,018	6,300	122,377	311,323	433,700	471,290	526,426	249,407	258,900
Southeast Total	137,249	125,807	73,362	31,571	17,400	299,172	606,793	905,965	956,911	1,059,972	625,407	470,700
South Central												
Softwoods	29,189	42,756	17,169	6,983	3,000	189,780	310,572	500,352	564,998	354,280	189,449	83,568
Hardwoods	114,282	86,139	50,648	18,081	8,359	263,646	628,088	891,734	751,743	516,358	326,689	334,614
South Central Total	143,472	128,894	67,817	25,064	11,359	453,426	938,660	1,392,086	1,316,741	870,638	516,138	418,182
South Total												
Softwoods	114,874	100,853	58,316	25,536	14,100	366,575	606,043	972,617	1,050,619	887,826	565,449	295,368
Hardwoods	165,847	153,848	82,863	31,099	14,659	386,023	939,411	1,325,434	1,223,033	1,042,784	576,096	593,514
South Total	280,721	254,701	141,179	56,635	28,759	752,598	1,545,454	2,298,051	2,273,652	1,930,610	1,141,545	888,882
Rocky Mountain												
Great Plains												
Softwoods	1,902	1,155	666	130	59	233	11,137	11,371	3,519	2,040	267	216
Hardwoods	4,235	4,511	2,902	4,379	3,896	603	23,070	23,673	37,752	34,877	24,933	20,834
Great Plains Total	6,138	5,666	3,568	4,509	3,955	837	34,207	35,044	41,271	36,917	25,200	21,050
Intermountain												
Softwoods	115,647	68,438	56,967	66,643	66,354	37,095	121,762	158,857	112,873	125,841	117,657	110,746
Hardwoods	8,993	5,915	4,036	6,709	5,443	3,914	18,516	22,430	20,982	29,399	14,591	11,957
Intermountain Total	124,640	74,352	61,003	73,352	71,797	41,009	140,278	181,287	133,854	155,241	132,248	122,703

Table 33. (cont.) Annual mortality of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	Other Public					2011	2011	Total Private				
	2011	2006	1996	1976	1952	Private corpo- rate	Private noncorpo- rate	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>												
Rocky Mountain Total												
Softwoods	117,549	69,593	57,632	66,773	66,413	37,328	132,900	170,228	116,392	127,881	117,924	110,962
Hardwoods	13,228	10,425	6,939	11,088	9,339	4,518	41,586	46,103	58,733	64,277	39,524	32,791
Rocky Mountain Total	130,778	80,018	64,571	77,861	75,752	41,846	174,485	216,331	175,125	192,158	157,448	143,753
Pacific Coast												
Alaska												
Softwoods	121,942	104,820	96,762	63,781	52,563	25,702	6,641	32,343	27,234	41,087	3,016	1,047
Hardwoods	12,840	8,413	8,362	7,656	7,756	2,000	10,823	12,823	10,659	12,550	203	103
Alaska Total	134,782	113,232	105,124	71,437	60,319	27,702	17,464	45,165	37,893	53,638	3,219	1,150
Pacific Northwest												
Softwoods	137,926	139,848	98,621	172,200	210,000	138,916	104,067	242,983	244,546	219,186	200,700	335,200
Hardwoods	29,533	28,319	24,088	11,900	13,700	32,309	33,096	65,405	71,126	89,965	53,300	30,700
Pacific Northwest Total	167,458	168,168	122,709	184,100	223,700	171,225	137,163	308,388	315,673	309,151	254,000	365,900
Pacific Southwest												
Softwoods	5,619	7,287	6,181	5,100	16,500	49,619	36,795	86,414	85,372	106,190	51,800	150,800
Hardwoods	3,212	4,970	5,598	870	300	17,042	21,690	38,731	48,549	72,530	3,622	2,400
Pacific Southwest Total	8,831	12,257	11,780	5,970	16,800	66,661	58,485	125,145	133,921	178,720	55,422	153,200
Pacific Coast Total												
Softwoods	265,487	251,955	201,564	241,081	279,063	214,237	147,503	361,740	357,152	366,463	255,516	487,047
Hardwoods	45,585	41,702	38,048	20,426	21,756	51,351	65,608	116,959	130,334	175,045	57,125	33,203
Pacific Coast Total	311,072	293,656	239,612	261,507	300,819	265,588	213,111	478,699	487,486	541,508	312,641	520,250
United States												
Softwoods	619,482	531,904	394,455	380,881	386,131	743,928	1,150,476	1,894,404	1,788,195	1,771,990	1,592,739	1,547,227
Hardwoods	570,649	445,202	322,038	198,989	106,473	704,138	2,223,978	2,928,116	2,589,474	2,721,727	3,289,739	3,276,502
U.S. Total	1,190,131	977,106	716,493	579,870	492,604	1,448,066	3,374,454	4,822,521	4,377,668	4,493,716	4,882,478	4,823,729

Note: Data may not add to totals because of rounding.

Table 34. Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	All owners					National forest				
	2011	2006	1996	1976	1952	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>										
North										
Northeast										
Softwoods	895,731	836,486	646,083	1,067,271	652,600	18,096	15,518	13,839	18,359	13,282
Hardwoods	2,652,145	2,412,228	2,223,289	2,072,571	1,358,000	61,761	82,439	68,469	116,999	69,443
Northeast Total	3,547,876	3,248,714	2,869,371	3,139,842	2,010,600	79,857	97,957	82,308	135,358	82,725
North Central										
Softwoods	616,222	652,224	523,127	490,986	320,702	107,369	122,829	94,231	97,660	57,215
Hardwoods	2,352,175	2,674,738	2,027,493	1,718,072	1,385,188	135,669	151,365	138,894	158,742	112,026
North Central Total	2,968,396	3,326,961	2,550,620	2,209,058	1,705,890	243,039	274,194	233,124	256,402	169,241
North Total										
Softwoods	1,511,953	1,488,710	1,169,210	1,558,257	973,302	125,465	138,347	108,070	116,019	70,497
Hardwoods	5,004,320	5,086,966	4,250,781	3,790,643	2,743,188	197,430	233,804	207,362	275,741	181,469
North Total	6,516,272	6,575,675	5,419,991	5,348,900	3,716,490	322,896	372,151	315,433	391,760	251,966
South										
Southeast										
Softwoods	3,908,170	3,876,167	2,778,801	3,104,000	1,874,017	71,660	57,337	57,179	137,000	80,313
Hardwoods	2,226,753	2,239,043	1,951,849	2,186,000	1,291,618	152,069	127,335	104,629	141,000	73,208
Southeast Total	6,134,922	6,115,210	4,730,651	5,290,000	3,165,635	223,728	184,672	161,808	278,000	153,521
South Central										
Softwoods	4,899,398	3,756,275	3,110,078	3,210,598	1,767,400	254,200	233,012	192,018	245,340	211,300
Hardwoods	2,774,842	3,400,909	2,871,358	2,822,683	1,749,700	162,115	204,767	144,271	144,064	67,265
South Central Total	7,674,240	7,157,184	5,981,436	6,033,281	3,517,100	416,314	437,778	336,289	389,404	278,565
South Total										
Softwoods	8,807,568	7,632,442	5,888,879	6,314,598	3,641,417	325,859	290,348	249,197	382,340	291,613
Hardwoods	5,001,595	5,639,952	4,823,208	5,008,683	3,041,318	314,183	332,102	248,901	285,064	140,473
South Total	13,809,163	13,272,393	10,712,087	11,323,281	6,682,735	640,043	622,450	498,097	667,404	432,086
Rocky Mountain										
Great Plains										
Softwoods	21,401	26,756	41,696	33,427	22,220	18,965	17,379	32,989	20,993	14,700
Hardwoods	81,631	44,868	44,986	39,342	30,500	-336	848	554	200	100
Great Plains Total	103,032	71,625	86,682	72,769	52,720	18,629	18,227	33,543	21,193	14,800
Intermountain										
Softwoods	717,253	1,550,420	1,944,147	1,292,000	1,077,700	267,013	986,271	1,263,727	754,900	673,400
Hardwoods	100,954	138,886	340,447	70,000	56,800	59,212	83,456	56,642	36,400	31,300
Intermountain Total	818,207	1,689,306	2,284,594	1,362,000	1,134,500	326,226	1,069,727	1,320,369	791,300	704,700

Table 34. (cont.) Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	All owners					National forest				
	2011	2006	1996	1976	1952	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>										
Rocky Mountain Total										
Softwoods	738,654	1,577,176	1,985,843	1,325,427	1,099,920	285,978	1,003,651	1,296,716	775,893	688,100
Hardwoods	182,585	183,754	385,434	109,342	87,300	58,877	84,304	57,196	36,600	31,400
Rocky Mountain Total	921,239	1,760,930	2,371,276	1,434,769	1,187,220	344,855	1,087,954	1,353,912	812,493	719,500
Pacific Coast										
Alaska										
Softwoods	132,820	130,164	66,881	155,708	103,600	52,376	53,561	15,378	15,836	10,367
Hardwoods	120,901	117,609	82,596	6,825	6,725	4,235	2,040	768	16	16
Alaska Total	253,721	247,774	149,477	162,533	110,325	56,611	55,601	16,146	15,852	10,383
Pacific Northwest										
Softwoods	3,039,929	3,038,551	3,059,036	2,126,800	1,472,500	1,170,664	1,165,531	1,076,000	506,900	440,900
Hardwoods	290,955	301,186	391,686	400,900	221,500	44,398	41,343	67,000	14,800	13,600
Pacific Northwest Total	3,330,884	3,339,737	3,450,722	2,527,700	1,694,000	1,215,062	1,206,875	1,143,000	521,700	454,500
Pacific Southwest										
Softwoods	1,432,560	1,374,048	960,483	535,300	444,000	817,842	767,426	421,551	185,600	162,000
Hardwoods	149,349	173,807	129,050	93,037	75,000	44,374	44,773	–	30,000	29,000
Pacific Southwest Total	1,581,910	1,547,856	1,089,533	628,337	519,000	862,215	812,199	421,551	215,600	191,000
Pacific Coast Total										
Softwoods	4,605,310	4,542,764	4,372,692	3,034,399	2,020,100	2,040,882	1,986,518	1,799,222	924,927	613,267
Hardwoods	561,206	592,602	610,708	486,761	303,225	93,007	88,157	75,144	30,815	42,616
Pacific Coast Total	5,166,515	5,135,366	4,983,400	3,521,160	2,323,325	2,133,888	2,074,675	1,874,366	955,742	655,883
United States										
Softwoods	15,663,484	15,241,091	13,393,474	12,501,271	7,734,739	2,778,184	3,418,864	3,430,056	2,467,769	1,663,477
Hardwoods	10,749,705	11,503,274	10,155,680	9,425,003	6,175,031	663,497	738,367	674,152	657,794	395,958
U.S. Total	26,413,189	26,744,366	23,549,154	21,926,274	13,909,770	3,441,682	4,157,231	4,104,208	3,125,563	2,059,435

Table 34. (cont.) Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	Other public					2011	2011	Total private				
	2011	2006	1996	1976	1952	Private corporate	Private non-corporate	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>												
North												
Northeast												
Softwoods	132,052	104,611	60,666	48,791	27,166	276,606	468,977	745,583	716,357	571,577	1,000,121	612,152
Hardwoods	367,236	337,709	194,964	237,900	142,264	539,358	1,683,790	2,223,148	1,992,079	1,959,856	1,717,672	1,146,293
Northeast Total	499,288	442,320	255,631	286,691	169,430	815,964	2,152,767	2,968,731	2,708,436	2,531,432	2,717,793	1,758,445
North Central												
Softwoods	161,132	177,872	140,565	142,017	92,256	66,060	281,660	347,720	351,523	288,332	251,309	171,231
Hardwoods	412,762	438,911	302,427	304,325	213,120	211,975	1,591,768	1,803,743	2,084,461	1,586,172	1,255,005	1,060,042
North Central Total	573,894	616,784	442,991	446,342	305,376	278,034	1,873,429	2,151,463	2,435,984	1,874,504	1,506,314	1,231,273
North Total												
Softwoods	293,185	282,483	201,231	190,808	119,422	342,666	750,637	1,093,303	1,067,879	859,909	1,251,430	783,383
Hardwoods	779,998	776,621	497,391	542,225	355,384	751,333	3,275,559	4,026,892	4,076,540	3,546,028	2,972,677	2,206,335
North Total	1,073,182	1,059,104	698,622	733,033	474,806	1,093,998	4,026,196	5,120,194	5,144,420	4,405,937	4,224,107	2,989,718
South												
Southeast												
Softwoods	225,205	224,853	144,516	149,000	70,017	1,656,769	1,954,536	3,611,305	3,593,977	2,577,107	2,818,000	1,723,687
Hardwoods	140,709	142,393	97,390	71,000	27,169	448,748	1,485,227	1,933,975	1,969,315	1,749,830	1,974,000	1,191,241
Southeast Total	365,914	367,246	241,906	220,000	97,186	2,105,517	3,439,763	5,545,280	5,563,291	4,326,937	4,792,000	2,914,928
South Central												
Softwoods	98,176	92,511	65,607	71,156	56,388	2,187,535	2,359,487	4,547,022	3,430,752	2,852,453	2,894,102	1,499,712
Hardwoods	219,279	197,211	131,442	108,706	55,182	552,729	1,840,719	2,393,448	2,998,931	2,595,645	2,569,913	1,627,253
South Central Total	317,456	289,723	197,049	179,862	111,570	2,740,265	4,200,206	6,940,470	6,429,683	5,448,098	5,464,015	3,126,965
South Total												
Softwoods	323,382	317,365	210,122	220,156	126,405	3,844,304	4,314,022	8,158,327	7,024,729	5,429,560	5,712,102	3,223,399
Hardwoods	359,988	339,604	228,833	179,706	82,351	1,001,478	3,325,946	4,327,424	4,968,245	4,345,475	4,543,913	2,818,494
South Total	683,369	656,969	438,955	399,862	208,756	4,845,782	7,639,968	12,485,750	11,992,974	9,775,034	10,256,015	6,041,893
Rocky Mountain												
Great Plains												
Softwoods	-193	1,142	835	2,977	1,469	763	1,866	2,629	8,235	7,872	9,457	6,051
Hardwoods	7,080	5,158	3,300	3,552	2,615	1,920	72,966	74,886	38,863	41,133	35,590	27,785
Great Plains Total	6,887	6,300	4,135	6,529	4,084	2,683	74,832	77,515	47,097	49,005	45,047	33,836
Intermountain												
Softwoods	108,650	190,160	167,534	158,464	117,646	143,737	197,852	341,589	373,989	512,886	378,636	286,654
Hardwoods	9,573	13,373	60,282	6,945	5,462	2,503	29,666	32,168	42,057	223,523	26,655	20,038
Intermountain Total	118,224	203,533	227,816	165,409	123,108	146,240	227,518	373,758	416,046	736,409	405,291	306,692

Table 34. (cont.) Net annual growth of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, 1976, and 1952.

Region, subregion, and species group	Other public					2011	2011	Total private				
	2011	2006	1996	1976	1952	Private corporate	Private non- corporate	2011	2006	1996	1976	1952
<i>Thousand cubic feet</i>												
Rocky Mountain Total												
Softwoods	108,457	191,301	168,369	161,441	119,115	144,500	199,718	344,218	382,224	520,758	388,093	292,705
Hardwoods	16,653	18,531	63,582	10,497	8,077	4,423	102,632	107,055	80,919	264,656	62,245	47,823
Rocky Mountain Total	125,111	209,833	231,951	171,938	127,192	148,923	302,350	451,273	463,144	785,413	450,338	340,528
Pacific Coast												
Alaska												
Softwoods	52,983	52,431	40,496	136,877	92,588	16,386	11,074	27,461	24,172	11,007	2,995	645
Hardwoods	105,970	106,979	61,201	6,609	6,609	6,556	4,140	10,697	8,591	20,628	200	100
Alaska Total	158,953	159,410	101,696	143,486	99,197	22,943	15,215	38,158	32,762	31,635	3,195	745
Pacific Northwest												
Softwoods	625,230	647,191	557,893	467,000	258,900	811,350	432,685	1,244,035	1,225,829	1,425,143	1,152,900	772,700
Hardwoods	74,397	72,703	81,629	93,000	33,500	85,018	87,142	172,161	187,139	243,057	293,100	174,400
Pacific Northwest Total	699,626	719,894	639,522	560,000	292,400	896,369	519,827	1,416,196	1,412,968	1,668,200	1,446,000	947,100
Pacific Southwest												
Softwoods	39,208	52,441	28,872	13,900	14,000	319,401	256,110	575,511	554,182	510,059	335,800	268,000
Hardwoods	7,013	10,717	5,248	7,735	6,000	43,862	54,100	97,962	118,317	123,802	55,302	40,000
Pacific Southwest Total	46,221	63,158	34,121	21,635	20,000	363,263	310,210	673,473	672,498	633,861	391,102	308,000
Pacific Coast Total												
Softwoods	717,421	752,063	627,261	617,777	365,488	1,147,138	699,870	1,847,007	1,804,182	1,946,209	1,491,695	1,041,345
Hardwoods	187,380	190,399	148,078	107,344	46,109	135,437	145,383	280,819	314,046	387,486	348,602	214,500
Pacific Coast Total	904,801	942,463	775,339	725,121	411,597	1,282,574	845,252	2,127,826	2,118,229	2,333,695	1,840,297	1,255,845
United States												
Softwoods	1,442,445	1,543,213	1,206,983	1,190,182	730,430	5,478,608	5,964,247	11,442,855	10,279,014	8,756,435	8,843,320	5,340,832
Hardwoods	1,344,018	1,325,156	937,884	839,772	491,921	1,892,670	6,849,519	8,742,190	9,439,752	8,543,645	7,927,437	5,287,152
U.S. Total	2,786,463	2,868,368	2,144,867	2,029,954	1,222,351	7,371,278	12,813,767	20,185,045	19,718,766	17,300,080	16,770,757	10,627,984

Note: Data may not add to totals because of rounding.

Table 35. Annual removals of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, and 1976.

Region, subregion, and species group	All owners				National forest	Other public	Private
	2011	2006	1996	1976	2011	2011	2011
<i>Thousand cubic feet</i>							
North							
Northeast							
Softwoods	376,037	353,236	413,718	498,576	1,838	45,268	328,931
Hardwoods	743,103	814,754	860,999	803,694	5,343	111,252	626,508
Northeast Total	1,119,140	1,167,990	1,274,717	1,302,270	7,180	156,520	955,439
North Central							
Softwoods	263,548	323,609	254,630	193,534	16,347	74,304	172,897
Hardwoods	976,829	1,327,845	1,243,071	999,059	36,086	189,882	750,861
North Central Total	1,240,377	1,651,454	1,497,701	1,192,593	52,433	264,186	923,758
North Total							
Softwoods	639,585	676,844	668,348	692,110	18,185	119,572	501,828
Hardwoods	1,719,932	2,142,599	2,104,070	1,802,753	41,428	301,135	1,377,369
North Total	2,359,517	2,819,444	2,772,418	2,494,863	59,614	420,707	1,879,197
South							
Southeast							
Softwoods	2,658,321	2,960,536	2,947,436	2,028,804	15,431	91,225	2,551,665
Hardwoods	1,185,705	1,345,288	1,511,833	1,002,521	10,651	35,617	1,139,436
Southeast Total	3,844,026	4,305,824	4,459,269	3,031,325	26,083	126,842	3,691,101
South Central							
Softwoods	2,676,296	3,356,641	3,530,826	2,407,658	54,949	43,311	2,578,035
Hardwoods	1,527,829	2,033,882	2,194,685	1,239,717	19,713	54,414	1,453,702
South Central Total	4,204,124	5,390,523	5,725,511	3,647,375	74,662	97,725	4,031,737
South Total							
Softwoods	5,334,617	6,317,177	6,478,262	4,436,462	70,381	134,536	5,129,700
Hardwoods	2,713,533	3,379,170	3,706,518	2,242,238	30,364	90,031	2,593,138
South Total	8,048,150	9,696,347	10,184,780	6,678,700	100,745	224,567	7,722,838
Rocky Mountain							
Great Plains							
Softwoods	27,993	24,802	20,181	21,322	20,745	993	6,254
Hardwoods	7,604	16,362	15,113	20,600	22	356	7,226
Great Plains Total	35,596	41,164	35,294	41,922	20,767	1,349	13,480
Intermountain							
Softwoods	381,653	496,044	480,943	821,687	52,522	71,126	258,005
Hardwoods	9,256	5,548	15,757	3,054	3,840	1,429	3,986
Intermountain Total	390,909	501,593	496,700	824,741	56,363	72,555	261,991

Table 35. (cont.) Annual removals of growing stock on timberland in the United States by ownership group, region, subregion, and species group, 2011, 2006, 1996, and 1976.

Region, subregion, and species group	All owners				National forest	Other public	Private
	2011	2006	1996	1976	2011	2011	2011
<i>Thousand cubic feet</i>							
Rocky Mountain Total							
Softwoods	409,646	520,847	501,124	843,009	73,268	72,119	264,260
Hardwoods	16,859	21,910	30,870	23,654	3,862	1,785	11,212
Rocky Mountain Total	426,506	542,757	531,994	866,663	77,130	73,904	275,472
Pacific Coast							
Alaska							
Softwoods	59,303	59,303	177,298	107,437	8,140	14,770	36,392
Hardwoods	6,841	6,841	5,229	3,164	0	1,389	5,453
Alaska Total	66,144	66,144	182,527	110,601	8,140	16,159	41,845
Pacific Northwest							
Softwoods	1,520,741	1,818,155	1,621,480	3,101,707	87,648	295,434	1,137,659
Hardwoods	77,794	120,742	99,492	106,286	1,097	13,867	62,830
Pacific Northwest Total	1,598,536	1,938,897	1,720,972	3,207,993	88,746	309,301	1,200,489
Pacific Southwest							
Softwoods	354,860	466,293	618,021	818,402	51,491	877	302,493
Hardwoods	1	2,937	10,036	16,805	0	0	1
Pacific Southwest Total	354,862	469,231	628,057	835,207	51,491	877	302,494
Pacific Coast Total							
Softwoods	1,934,905	2,343,751	2,416,799	4,027,546	147,280	311,081	1,476,543
Hardwoods	84,637	130,520	114,757	126,255	1,097	15,256	68,284
Pacific Coast Total	2,019,541	2,474,272	2,531,556	4,153,801	148,378	326,337	1,544,827
United States							
Softwoods	8,318,752	9,858,620	10,064,533	9,999,127	309,114	637,308	7,372,330
Hardwoods	4,534,962	5,674,199	5,956,215	4,194,900	76,752	408,207	4,050,003
U.S. Total	12,853,714	15,532,819	16,020,748	14,194,027	385,866	1,045,515	11,422,333

Note: Data may not add to totals because of rounding.

Table 36. Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and State, 2011.

Region, subregion, and State	All species			Softwoods			Hardwoods		
	Net growth	Removals	Mortality	Net growth	Removals	Mortality	Net growth	Removals	Mortality
<i>Thousand cubic feet</i>									
North									
Northeast									
Connecticut	93,617	6,605	18,890	9,983	599	3,487	83,634	6,006	15,404
Delaware	15,598	4,031	5,286	3,175	2,631	1,368	12,423	1,400	3,918
Maine	699,332	407,476	236,625	396,242	215,657	144,760	303,091	191,819	91,865
Maryland	140,732	39,558	52,027	16,489	11,282	13,303	124,243	28,277	38,724
Massachusetts	161,020	12,900	45,120	65,044	6,921	13,844	95,976	5,979	31,276
New Hampshire	198,947	55,815	85,058	95,329	35,002	33,271	103,618	20,813	51,787
New Jersey	82,231	4,506	31,009	23,160	220	8,366	59,070	4,286	22,643
New York	626,959	133,295	259,297	130,128	39,148	61,630	496,831	94,148	197,667
Pennsylvania	752,642	188,133	247,629	57,362	22,613	28,371	695,279	165,521	219,257
Rhode Island	17,871	2,190	3,259	3,944	336	675	13,927	1,854	2,584
Vermont	187,241	62,475	70,987	65,023	32,478	21,628	122,217	29,997	49,360
West Virginia	571,687	202,155	179,622	29,852	9,151	16,395	541,835	193,004	163,226
Northeast Total	3,547,876	1,119,140	1,234,808	895,731	376,037	347,098	2,652,145	743,103	887,710
North Central									
Illinois	205,999	49,718	88,108	4,024	2,580	3,776	201,975	47,138	84,332
Indiana	259,205	81,373	80,814	7,556	1,340	4,233	251,649	80,032	76,581
Iowa	73,099	28,402	49,433	229	861	439	72,870	27,540	48,994
Michigan	694,411	334,078	270,520	217,286	97,332	79,171	477,124	236,746	191,349
Minnesota	370,184	218,289	251,362	142,489	68,990	70,120	227,695	149,299	181,243
Missouri	418,665	128,589	155,912	37,755	7,720	6,328	380,910	120,869	149,584
Ohio	382,812	114,606	118,218	17,858	11,475	6,111	364,954	103,131	112,108
Wisconsin	564,020	285,323	232,018	189,024	73,249	46,734	374,996	212,074	185,285
North Central Total	2,968,396	1,240,377	1,246,385	616,222	263,548	216,910	2,352,175	976,829	1,029,475
North Total	6,516,272	2,359,517	2,481,193	1,511,953	639,585	564,008	5,004,320	1,719,932	1,917,185
South									
Southeast									
Florida	702,956	504,811	198,995	584,583	435,398	136,888	118,373	69,412	62,108
Georgia	1,783,131	1,191,108	313,732	1,341,330	941,222	173,741	441,801	249,885	139,991
North Carolina	1,518,282	817,104	301,128	746,040	477,103	157,178	772,242	340,001	143,951
South Carolina	1,157,784	708,355	131,180	853,561	525,010	72,663	304,224	183,346	58,517
Virginia	972,770	622,648	199,860	382,656	279,588	86,307	590,113	343,060	113,553
Southeast Total	6,134,922	3,844,026	1,144,895	3,908,170	2,658,321	626,776	2,226,753	1,185,705	518,119

Table 36. (cont.) Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and State, 2011.

Region, subregion, and State	All species			Softwoods			Hardwoods		
	Net growth	Removals	Mortality	Net growth	Removals	Mortality	Net growth	Removals	Mortality
<i>Thousand cubic feet</i>									
South Central									
Alabama	1,599,006	915,712	353,450	1,128,260	655,124	187,808	470,746	260,588	165,643
Arkansas	1,194,042	624,157	187,112	768,436	422,160	57,521	425,606	201,998	129,592
Kentucky	556,745	280,859	174,181	34,359	17,037	25,449	522,386	263,821	148,732
Louisiana	965,277	711,838	230,769	767,991	538,597	72,927	197,286	173,241	157,842
Mississippi	1,783,849	747,590	319,472	1,378,444	519,061	127,414	405,405	228,529	192,059
Oklahoma	149,315	84,004	38,886	99,297	45,914	9,425	50,018	38,090	29,461
Tennessee	683,256	337,138	205,087	126,623	84,187	43,769	556,633	252,950	161,318
Texas	742,750	502,826	201,378	595,988	394,215	97,136	146,762	108,611	104,242
South Central Total	7,674,240	4,204,124	1,710,336	4,899,398	2,676,296	621,447	2,774,842	1,527,829	1,088,888
South Total	13,809,163	8,048,150	2,855,231	8,807,568	5,334,617	1,248,223	5,001,595	2,713,533	1,607,008
Rocky Mountain									
Great Plains									
Kansas	41,807	3,279	14,931	876	23	855	40,931	3,256	14,077
Nebraska	20,484	4,939	15,323	-6,834	889	9,456	27,318	4,050	5,866
North Dakota	7,789	227	5,009	90	8	0	7,699	220	5,009
South Dakota	32,953	27,151	22,603	27,270	27,072	18,524	5,683	78	4,079
Great Plains Total	103,032	35,596	57,866	21,401	27,993	28,835	81,631	7,604	29,032
Intermountain									
Arizona	20,715	10,639	71,159	18,644	10,515	65,450	2,072	124	5,709
Colorado	-2,583	9,644	433,478	-46,969	4,918	383,424	44,386	4,725	50,054
Idaho	431,405	257,957	617,532	417,388	257,803	612,835	14,018	154	4,697
Montana	266,818	90,412	560,616	254,712	90,411	558,466	12,106	1	2,149
Nevada	398	2,897	7,224	-739	2,897	6,737	1,137	0	486
New Mexico	10,379	9,832	77,281	10,001	8,459	66,683	378	1,372	10,598
Utah	-36,444	4,628	163,384	-53,433	1,933	143,883	16,989	2,695	19,501
Wyoming	127,518	4,901	87,160	117,649	4,716	81,108	9,869	184	6,052
Intermountains Total	818,207	390,909	2,017,832	717,253	381,653	1,918,586	100,954	9,256	99,245
Rocky Mountain Total	921,239	426,506	2,075,698	738,654	409,646	1,947,421	182,585	16,859	128,277
Pacific Coast									
Alaska									
Alaska	253,721	66,144	302,992	132,820	59,303	275,285	120,901	6,841	27,707
Alaska Total	253,721	66,144	302,992	132,820	59,303	275,285	120,901	6,841	27,707

Table 36. (cont.) Net annual growth, removals, and mortality of growing stock on timberland in the United States by species group, region, subregion, and State, 2011.

Region, subregion, and State	All species			Softwoods			Hardwoods		
	Net growth	Removals	Mortality	Net growth	Removals	Mortality	Net growth	Removals	Mortality
<i>Thousand cubic feet</i>									
Pacific Northwest									
Oregon	1,728,514	881,253	517,560	1,568,950	844,003	458,619	159,564	37,250	58,941
Washington	1,602,371	717,283	415,467	1,470,980	676,738	363,371	131,391	40,545	52,095
Pacific Northwest Total	3,330,884	1,598,536	933,026	3,039,929	1,520,741	821,990	290,955	77,794	111,036
Pacific Southwest									
California	1,580,922	354,862	366,013	1,432,560	354,860	304,853	148,361	1	61,160
Hawaii	988	0	1,088	0	0	0	988	0	1,088
Pacific Southwest Total	1,581,910	354,862	367,101	1,432,560	354,860	304,853	149,349	1	62,248
Pacific Coast Total	5,166,515	2,019,541	1,603,119	4,605,310	1,934,905	1,402,128	561,206	84,637	200,991
U.S. Total	26,413,189	12,853,714	9,015,241	15,663,484	8,318,752	5,161,781	10,749,705	4,534,962	3,853,460

Note: Data may not add to totals because of rounding.

Table 37. Net all-live biomass on forest land and timberland in the East and West regions by rural-urban continuum class and forest-type group, 2012.

Region and forest-type group	Forest land					
	Predominant county population continuum class					
	Total	Major metro	Intermediate-small metro	Large town	Small town	Rural
<i>Million dry tons</i>						
East						
White-red-jack pine	487	116	85	31	166	89
Spruce-fir	434	32	33	42	239	89
Longleaf-slash pine	433	104	123	1	169	36
Loblolly-shortleaf pine	2,293	535	420	70	884	384
Oak-pine	1,131	318	217	35	381	179
Oak-hickory	7,124	1,930	1,408	143	2,385	1,258
Oak-gum-cypress	1,372	335	312	38	523	164
Elm-ash-cottonwood	1,137	347	227	50	383	131
Maple-beech-birch	3,016	490	588	219	1,169	550
Aspen-birch	460	60	33	34	220	112
Other forest types	284	81	45	6	103	49
Nonstocked	8	2	2	0	3	1
East Total	18,179	4,349	3,493	670	6,624	3,043
West						
Douglas-fir	2,803	679	893	253	701	277
Ponderosa pine	721	58	172	44	299	148
Western white pine	9	3	1	0	2	3
Fir-spruce	2,521	204	270	142	759	1,146
Hemlock-Sitka spruce	1,751	185	248	130	623	565
Larch	88	1	9	13	45	20
Lodgepole pine	568	57	53	61	275	123
Redwood	145	41	36	54	14	-
Other softwoods	1,815	141	217	14	300	1,142
Pinyon-juniper	396	25	90	17	192	72
Western hardwoods	1,619	285	414	155	392	373
Other forest types	5	0	0	1	1	2
Nonstocked	62	1	2	1	6	51
West Total	12,502	1,680	2,407	884	3,609	3,922
U.S. Total	30,681	6,029	5,900	1,554	10,233	6,965

Table 37. (cont.) Net all-live biomass on forest land and timberland in the East and West regions by rural-urban continuum class and forest-type group, 2012.

Region and forest-type group	Timberland					
	Predominant county population continuum class					
	Total	Major metro	Intermediate-small metro	Large town	Small town	Rural
<i>Million dry tons</i>						
East						
White-red-jack pine	462	111	81	29	159	82
Spruce-fir	399	29	31	36	228	76
Longleaf-slash pine	427	100	122	1	168	36
Loblolly-shortleaf pine	2,276	530	417	68	879	382
Oak-pine	1,103	308	212	34	374	175
Oak-hickory	6,767	1,825	1,352	134	2,273	1,183
Oak-gum-cypress	1,330	308	309	38	513	163
Elm-ash-cottonwood	1,081	325	217	48	367	125
Maple-beech-birch	2,784	455	547	195	1,113	474
Aspen-birch	434	56	32	32	209	104
Other forest types	137	46	26	3	41	21
Nonstocked	6	2	1	0	2	1
East Total	17,207	4,094	3,347	618	6,327	2,821
West						
Douglas-fir	2,469	603	828	201	588	249
Ponderosa pine	669	49	163	43	279	135
Western white pine	3	0	0	0	1	1
Fir-spruce	1,202	115	189	86	537	275
Hemlock-Sitka spruce	1,038	118	183	70	397	270
Larch	79	1	7	11	43	17
Lodgepole pine	388	26	34	41	190	97
Redwood	89	28	36	23	1	0
Other softwoods	638	87	172	9	223	146
Pinyon-juniper	5	1	0	1	1	2
Western hardwoods	1,049	141	273	130	291	213
Other forest types	4	0	0	1	1	2
Nonstocked	11	1	2	1	4	3
West Total	7,644	1,170	1,889	617	2,558	1,410
U.S. Total	24,851	5,264	5,236	1,235	8,885	4,231

Note: Data may not add to totals because of rounding.

Table 38a. Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2012.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Woodland species	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs			
<i>Million dry tons</i>								
North								
Northeast								
Connecticut	126	124	92	5	22	5	0	2
Delaware	23	23	16	1	4	1	0	0
Maine	681	661	414	25	99	123	0	20
Maryland	173	168	125	7	28	9	0	5
Massachusetts	210	206	153	8	35	9	0	4
New Hampshire	281	275	195	11	47	22	0	6
New Jersey	109	106	77	4	18	6	0	3
New York	935	904	647	37	157	62	0	31
Pennsylvania	1,032	1,009	736	42	179	53	0	22
Rhode Island	24	24	18	1	4	1	0	0
Vermont	281	276	197	11	47	20	0	5
West Virginia	799	785	575	32	138	40	0	14
Northeast Total	4,672	4,560	3,246	184	778	351	0	112
North Central								
Illinois	249	238	174	10	40	13	0	11
Indiana	269	260	192	10	44	14	0	9
Iowa	125	118	86	5	20	8	0	7
Michigan	846	811	559	32	139	81	0	35
Minnesota	468	442	282	17	72	72	0	26
Missouri	650	623	433	27	108	56	0	26
Ohio	474	462	337	19	80	26	0	11
Wisconsin	647	617	421	25	107	65	0	30
North Central Total	3,728	3,573	2,484	144	611	334	0	155
North Total	8,400	8,133	5,730	329	1,390	685	0	267
South								
Southeast								
Florida	531	525	372	26	76	51	0	7
Georgia	1,044	1,031	732	46	157	95	0	13
North Carolina	931	921	652	39	147	84	0	10
South Carolina	598	592	418	26	90	58	0	6
Virginia	878	865	619	36	144	67	0	12
Southeast Total	3,981	3,934	2,793	173	614	355	0	47

Table 38a. (cont.) Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2012.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Woodland species	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs			
<i>Million dry tons</i>								
South Central								
Alabama	900	892	620	39	137	96	0	9
Arkansas	779	772	549	33	123	66	0	6
Kentucky	657	649	464	27	113	44	0	8
Louisiana	590	584	422	25	87	50	0	6
Mississippi	790	783	552	34	118	79	0	7
Oklahoma	220	216	145	9	35	26	0	4
Tennessee	756	741	534	31	128	48	0	15
Texas	510	504	355	22	76	50	1	6
South Central Total	5,203	5,140	3,641	220	819	458	2	62
South Total	9,184	9,075	6,434	393	1,433	813	2	110
Rocky Mountain								
Great Plains								
Kansas	85	81	59	4	14	5	0	4
Nebraska	47	44	33	2	7	2	0	3
North Dakota	16	15	10	1	3	2	0	1
South Dakota	46	43	33	2	6	2	0	2
Great Plains Total	193	184	135	8	30	11	0	10
Intermountain								
Arizona	124	113	86	4	15	2	6	11
Colorado	471	421	316	16	63	22	3	50
Idaho	796	721	571	28	97	25	1	75
Montana	740	661	505	28	88	39	1	79
Nevada	14	13	9	0	2	1	1	1
New Mexico	147	145	108	5	20	4	8	2
Utah	141	121	89	4	18	8	2	19
Wyoming	229	203	155	8	28	12	1	26
Intermountain Total	2,661	2,399	1,839	94	330	114	22	262
Rocky Mountain Total	2,854	2,582	1,974	102	360	124	22	272
Pacific Coast								
Alaska								
Alaska	679	658	527	20	65	46	0	21
Alaska Total	679	658	527	20	65	46	0	21

Table 38a. (cont.) Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2012.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Woodland species	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs			
<i>Million dry tons</i>								
Pacific Northwest								
Oregon	1,825	1,757	1,416	62	242	35	1	68
Washington	1,364	1,309	1,049	49	180	30	1	55
Pacific Northwest Total	3,189	3,066	2,465	112	422	65	2	123
Pacific Southwest								
California	1,396	1,334	1,063	48	188	33	1	62
Hawaii	4	4	4	0	0	0	0	0
Pacific Southwest Total	1,400	1,338	1,067	48	188	34	1	62
Pacific Coast Total	5,268	5,062	4,059	180	674	145	1	206
U.S. Total	25,706	24,851	18,197	1,003	3,857	1,767	27	855

d.b.h. = diameter at breast height.

Note: Data may not add to totals because of rounding.

Table 38b. Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2007.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs		
<i>Million dry tons</i>							
North							
Northeast							
Connecticut	98	98	69	3	18	7	0
Delaware	22	21	15	1	4	2	0
Maine	654	650	381	24	92	153	4
Maryland	151	150	108	5	26	11	1
Massachusetts	174	174	124	6	30	13	0
New Hampshire	253	252	171	9	43	29	1
New Jersey	90	89	62	3	15	9	2
New York	755	753	513	27	133	81	2
Pennsylvania	862	861	604	30	159	68	1
Rhode Island	19	19	13	1	4	2	0
Vermont	314	311	215	11	54	31	3
West Virginia	688	683	486	23	125	48	6
Northeast Total	4,082	4,060	2,761	143	703	454	21
North Central							
Illinois	210	210	151	7	36	16	0
Indiana	243	242	175	8	42	17	0
Iowa	112	112	79	4	20	9	0
Michigan	799	794	523	30	134	108	5
Minnesota	450	448	271	17	70	91	2
Missouri	592	591	397	20	105	70	0
Ohio	365	365	256	13	65	31	0
Wisconsin	606	604	395	21	104	83	2
North Central Total	3,376	3,366	2,247	119	577	424	9
North Total	7,457	7,427	5,007	262	1,279	878	31
South							
Southeast							
Florida	505	505	348	21	74	62	0
Georgia	975	975	667	35	153	120	0
North Carolina	896	896	621	31	145	99	0
South Carolina	551	551	377	20	86	69	0
Virginia	817	817	568	28	140	81	0
Southeast Total	3,745	3,745	2,580	135	598	431	0

Table 38b. (cont.) Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2007.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs		
<i>Million dry tons</i>							
South Central							
Alabama	870	870	587	30	138	115	0
Arkansas	757	757	524	26	124	84	0
Kentucky	580	580	405	20	104	51	0
Louisiana	570	570	404	21	87	58	0
Mississippi	786	786	539	27	122	98	0
Oklahoma	169	168	99	6	27	36	1
Tennessee	739	739	520	26	132	61	0
Texas	457	457	317	15	70	55	0
South Central Total	4,928	4,927	3,396	171	803	557	1
South Total	8,673	8,672	5,976	306	1,401	988	1
Rocky Mountain							
Great Plains							
Kansas	71	71	51	3	12	5	0
Nebraska	38	38	28	2	6	2	0
North Dakota	16	16	10	1	3	2	0
South Dakota	32	32	23	1	5	3	0
Great Plains Total	157	157	112	6	26	13	0
Intermountain							
Arizona	139	129	98	5	17	8	11
Colorado	525	485	356	20	69	41	41
Idaho	773	681	528	29	87	38	98
Montana	821	739	546	33	93	67	95
Nevada	16	15	11	1	2	2	1
New Mexico	164	152	107	6	20	19	12
Utah	159	139	99	6	20	15	21
Wyoming	259	213	157	9	28	18	51
Intermountain Total	2,857	2,552	1,902	108	336	207	331
Rocky Mountain Total	3,014	2,710	2,014	114	362	220	331
Pacific Coast							
Alaska							
Alaska	771	757	568	22	66	101	14
Alaska Total	771	757	568	22	66	101	14

Table 38b. (cont.) Total aboveground biomass on timberland in the United States by region, subregion, State, and tree component, 2007.

Region, subregion, and State	All biomass	Live trees greater than 5-inches d.b.h.				Total sapling biomass	Sound dead biomass
		Live-tree biomass	Boles	Stumps	Tops/ limbs		
<i>Million dry tons</i>							
Pacific Northwest							
Oregon	1,730	1,730	1,377	63	236	54	0
Washington	1,392	1,392	1,103	57	185	47	0
Pacific Northwest Total	3,122	3,122	2,480	119	421	101	0
Pacific Southwest							
California	1,381	1,381	1,080	53	195	53	0
Hawaii	4	4	4	0	0	0	0
Pacific Southwest Total	1,385	1,385	1,084	53	195	53	0
Pacific Coast Total	5,277	5,264	4,132	194	681	256	14
U.S. Total	24,421	24,072	17,130	877	3,723	2,342	376

d.b.h. = diameter at breast height.

Note: Data may not add to totals because of rounding.

Table 39. Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Region, subregion, and product	Source of material								
	All sources			Growing stock			Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>									
North									
Northeast									
Saw logs	486,784	169,016	317,769	456,882	161,676	295,206	29,902	7,339	22,563
Veneer logs	23,104	1,719	21,385	22,114	1,547	20,566	990	172	818
Pulpwood	400,982	145,510	255,472	314,736	131,978	182,757	86,247	13,532	72,715
Composite products	40,854	930	39,924	28,997	909	28,089	11,857	21	11,836
Fuelwood	506,338	58,262	448,076	106,536	26,756	79,780	399,802	31,506	368,296
Posts, poles, and pilings	5,292	2,790	2,502	4,099	2,186	1,912	1,194	604	590
Miscellaneous products	20,695	12,113	8,582	16,922	9,003	7,919	3,773	3,110	662
Northeast Total	1,484,050	390,340	1,093,710	950,286	334,056	616,230	533,764	56,284	477,480
North Central									
Saw logs	459,677	101,427	358,250	418,466	97,997	320,469	41,211	3,430	37,781
Veneer logs	19,236	867	18,369	17,518	782	16,736	1,719	86	1,633
Pulpwood	452,571	125,924	326,647	374,116	114,776	259,340	78,455	11,148	67,307
Composite products	101,649	8,602	93,047	91,596	7,797	83,799	10,053	805	9,248
Fuelwood	447,323	27,751	419,573	105,672	11,930	93,743	341,651	15,821	325,830
Posts, poles, and pilings	10,299	10,139	160	9,272	9,128	144	1,027	1,011	16
Miscellaneous products	32,307	5,480	26,827	31,313	5,418	25,895	994	61	933
North Central Total	1,523,063	280,190	1,242,873	1,047,953	247,828	800,124	475,110	32,362	442,749
North Total									
Saw logs	946,461	270,443	676,019	875,348	259,674	615,674	71,113	10,769	60,344
Veneer logs	42,340	2,586	39,754	39,631	2,329	37,303	2,709	258	2,451
Pulpwood	853,553	271,434	582,119	688,852	246,754	442,097	164,702	24,680	140,022
Composite products	142,504	9,532	132,972	120,594	8,706	111,887	21,910	826	21,084
Fuelwood	953,662	86,013	867,649	212,209	38,686	173,523	741,453	47,327	694,126
Posts, poles, and pilings	15,591	12,929	2,662	13,370	11,314	2,056	2,221	1,615	606
Miscellaneous products	53,002	17,593	35,409	48,235	14,421	33,814	4,767	3,172	1,595
North Total	3,007,113	670,531	2,336,582	1,998,239	581,884	1,416,354	1,008,875	88,646	920,228

Table 39. (cont.) Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Region, subregion, and product	Source of material								
	All sources			Growing stock			Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>									
South									
Southeast									
Saw logs	1,007,081	785,342	221,739	983,067	766,107	216,961	24,014	19,235	4,778
Veneer logs	141,933	124,624	17,309	139,246	122,149	17,097	2,687	2,475	212
Pulpwood	1,616,912	1,270,675	346,237	1,480,500	1,154,687	325,813	136,412	115,988	20,424
Composite products	192,065	184,896	7,169	176,116	169,310	6,806	15,949	15,586	363
Fuelwood	222,346	26,283	196,063	190,636	19,559	171,078	31,710	6,724	24,985
Posts, poles, and pilings	30,387	30,233	154	28,606	28,475	130	1,781	1,758	24
Miscellaneous products	90,604	75,300	15,304	49,214	39,543	9,671	41,390	35,757	5,633
Southeast Total	3,301,328	2,497,353	803,975	3,047,385	2,299,829	747,555	253,943	197,524	56,420
South Central									
Saw logs	1,251,186	856,985	394,201	1,209,298	832,796	376,502	41,888	24,189	17,699
Veneer logs	296,895	279,878	17,017	287,540	270,872	16,668	9,355	9,006	349
Pulpwood	1,815,672	1,248,844	566,828	1,622,889	1,133,719	489,169	192,783	115,125	77,659
Composite products	68,042	67,516	526	57,780	57,298	482	10,262	10,218	44
Fuelwood	197,787	18,089	179,698	165,982	13,572	152,410	31,805	4,517	27,288
Posts, poles, and pilings	16,238	16,098	140	14,725	14,697	28	1,513	1,401	112
Miscellaneous products	37,972	32,388	5,584	23,313	19,348	3,965	14,659	13,040	1,619
South Central Total	3,683,792	2,519,798	1,163,994	3,381,527	2,342,302	1,039,225	302,266	177,496	124,769
South Total									
Saw logs	2,258,267	1,642,327	615,940	2,192,365	1,598,903	593,462	65,902	43,424	22,478
Veneer logs	438,828	404,502	34,326	426,786	393,021	33,765	12,042	11,481	561
Pulpwood	3,432,584	2,519,519	913,065	3,103,388	2,288,406	814,982	329,196	231,113	98,083
Composite products	260,107	252,412	7,695	233,896	226,608	7,287	26,211	25,804	408
Fuelwood	420,133	44,372	375,761	356,619	33,131	323,488	63,514	11,241	52,273
Posts, poles, and pilings	46,625	46,331	294	43,331	43,172	159	3,294	3,159	135
Miscellaneous products	128,576	107,688	20,888	72,527	58,890	13,636	56,049	48,798	7,252
South Total	6,985,120	5,017,151	1,967,969	6,428,911	4,642,132	1,786,780	556,209	375,020	181,189

Table 39. (cont.) Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Region, subregion, and product	Source of material								
	All sources			Growing stock			Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>									
Rocky Mountain									
Great Plains									
Saw logs	29,042	24,720	4,322	28,456	24,455	4,001	587	265	322
Veneer logs	353	–	353	349	–	349	5	–	5
Pulpwood	–	–	–	–	–	–	–	–	–
Composite products	107	107	–	77	77	–	30	30	–
Fuelwood	25,676	686	24,990	743	19	724	24,933	668	24,265
Posts, poles, and pilings	900	899	1	671	670	1	229	229	0
Miscellaneous products	933	471	462	931	470	462	1	1	–
Great Plains Total	57,011	26,883	30,129	31,227	25,690	5,536	25,785	1,192	24,592
Intermountain									
Saw logs	303,610	300,149	3,461	269,717	266,407	3,311	33,892	33,743	150
Veneer logs	18,785	18,642	143	18,506	18,365	141	279	277	2
Pulpwood	66,626	61,001	5,625	64,545	59,274	5,271	2,081	1,728	354
Composite products	421	421	–	104	104	–	317	317	–
Fuelwood	168,447	156,704	11,744	4,788	4,785	4	163,659	151,919	11,740
Posts, poles, and pilings	8,453	8,427	26	6,593	6,571	22	1,860	1,856	4
Miscellaneous products	13,240	13,149	91	8,159	8,135	23	5,081	5,013	68
Intermountain Total	579,582	558,493	21,089	372,412	363,640	8,771	207,171	194,853	12,318
Rocky Mountain Total									
Saw logs	332,652	324,869	7,783	298,173	290,862	7,312	34,479	34,008	471
Veneer logs	19,138	18,642	496	18,854	18,365	489	284	277	7
Pulpwood	66,626	61,001	5,625	64,545	59,274	5,271	2,081	1,728	354
Composite products	528	528	–	181	181	–	347	347	–
Fuelwood	194,124	157,390	36,734	5,531	4,803	728	188,593	152,587	36,006
Posts, poles, and pilings	9,353	9,326	27	7,264	7,241	23	2,089	2,084	5
Miscellaneous products	14,172	13,619	553	9,090	8,605	485	5,082	5,014	68
Rocky Mountain Total	636,594	585,376	51,218	403,639	389,331	14,308	232,955	196,045	36,910

Table 39. (cont.) Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Region, subregion, and product	Source of material								
	All sources			Growing stock			Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>									
Pacific Coast									
Alaska									
Saw logs	44,434	44,349	85	40,937	40,895	42	3,497	3,453	43
Veneer logs	–	–	–	–	–	–	–	–	–
Pulpwood	7,741	2,555	5,186	7,663	2,529	5,134	78	26	52
Composite products	–	–	–	–	–	–	–	–	–
Fuelwood	2,335	1,153	1,182	34	34	1	2,300	1,119	1,181
Posts, poles, and pilings	–	–	–	–	–	–	–	–	–
Miscellaneous products	468	432	35	293	268	25	175	165	10
Alaska Total	54,978	48,489	6,489	48,927	43,725	5,202	6,051	4,763	1,287
Pacific Northwest									
Saw logs	1,120,825	1,079,305	41,520	1,094,830	1,053,893	40,937	25,996	25,412	584
Veneer logs	171,908	170,588	1,320	169,118	167,817	1,301	2,790	2,771	18
Pulpwood	268,078	234,712	33,366	262,609	229,892	32,716	5,469	4,820	650
Composite products	–	–	–	–	–	–	–	–	–
Fuelwood	81,912	79,005	2,907	34	34	–	81,878	78,971	2,907
Posts, poles, and pilings	10,534	10,534	–	10,363	10,363	–	171	171	–
Miscellaneous products	3,847	3,820	27	3,768	3,741	27	79	79	0
Pacific Northwest Total	1,657,104	1,577,964	79,140	1,540,721	1,465,740	74,981	116,383	112,224	4,159
Pacific Southwest									
Saw logs	285,571	285,503	68	250,098	250,098	–	35,473	35,405	68
Veneer logs	27,555	27,555	–	26,096	26,096	–	1,459	1,459	–
Pulpwood	–	–	–	–	–	–	–	–	–
Composite products	1,550	1,550	–	1,501	1,501	–	49	49	–
Fuelwood	151,532	146,677	4,855	58,775	58,774	1	92,757	87,903	4,854
Posts, poles, and pilings	1,066	1,066	–	1,055	1,055	–	11	11	–
Miscellaneous products	6	6	–	6	6	–	0	0	–
Pacific Southwest Total	467,281	462,357	4,924	337,532	337,531	1	129,749	124,826	4,923

Table 39. (cont.) Volume of roundwood products harvested in the United States by source of material, species group, region, subregion, and product, 2011.

Region, subregion, and product	Source of material								
	All sources			Growing stock			Other sources		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>									
Pacific Coast Total									
Saw logs	1,450,831	1,409,157	41,674	1,385,865	1,344,887	40,979	64,965	64,270	695
Veneer logs	199,463	198,143	1,320	195,214	193,913	1,301	4,249	4,230	18
Pulpwood	275,819	237,267	38,553	270,272	232,421	37,850	5,548	4,845	702
Composite products	1,550	1,550	–	1,501	1,501	–	49	49	–
Fuelwood	235,779	226,835	8,944	58,844	58,842	2	176,935	167,993	8,942
Posts, poles, and pilings	11,600	11,600	–	11,418	11,418	–	182	182	–
Miscellaneous products	4,320	4,258	62	4,066	4,014	52	254	244	11
Pacific Coast Total	2,179,362	2,088,810	90,553	1,927,180	1,846,996	80,184	252,183	241,814	10,369
United States									
Saw logs	4,988,212	3,646,796	1,341,416	4,751,752	3,494,325	1,257,427	236,460	152,471	83,989
Veneer logs	699,769	623,874	75,895	680,485	607,627	72,858	19,284	16,246	3,038
Pulpwood	4,628,583	3,089,221	1,539,361	4,127,057	2,826,856	1,300,201	501,526	262,366	239,160
Composite products	404,689	264,022	140,667	356,171	236,997	119,175	48,517	27,025	21,492
Fuelwood	1,803,698	514,610	1,289,088	633,202	135,461	497,741	1,170,495	379,149	791,347
Posts, poles, and pilings	83,169	80,186	2,983	75,383	73,145	2,237	7,786	7,040	746
Miscellaneous products	200,070	143,159	56,912	133,918	85,931	47,987	66,152	57,227	8,925
U.S. Total	12,808,190	8,361,867	4,446,322	10,757,968	7,460,342	3,297,626	2,050,221	901,525	1,148,696

Note: Data may not add to totals because of rounding.

Table 40. Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
North			
Northeast			
Roundwood products—			
Growing stock	950,286	334,056	616,230
Other sources	533,764	56,284	477,480
Total	1,484,050	390,340	1,093,710
Logging residues—			
Growing stock ^a	101,410	18,802	82,607
Other sources ^b	327,017	107,662	219,355
Total	428,427	126,464	301,963
Other removals—			
Growing stock ^c	67,444	23,178	44,266
Other sources ^d	21,180	3,130	18,050
Total	88,624	26,308	62,316
Total, all classes—			
Growing stock	1,119,140	376,037	743,103
Other sources	881,961	167,076	714,885
Total, all materials	2,001,101	543,112	1,457,988
North Central			
Roundwood products—			
Growing stock	1,047,953	247,828	800,124
Other sources	475,110	32,362	442,749
Total	1,523,063	280,190	1,242,873
Logging residues—			
Growing stock ^a	107,824	11,073	96,751
Other sources ^b	412,995	86,433	326,562
Total	520,819	97,507	423,313
Other removals—			
Growing stock ^c	84,600	4,647	79,954
Other sources ^d	27,256	758	26,498
Total	111,857	5,405	106,452
Total, all classes—			
Growing stock	1,240,377	263,548	976,829
Other sources	915,362	119,554	795,808
Total, all materials	2,155,739	383,102	1,772,637

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
North Total			
Roundwood products—			
Growing stock	1,998,239	581,884	1,416,354
Other sources	1,008,875	88,646	920,228
Total	3,007,113	670,531	2,336,582
Logging residues—			
Growing stock ^a	209,234	29,875	179,358
Other sources ^b	740,012	194,095	545,917
Total	949,246	223,971	725,275
Other removals—			
Growing stock ^c	152,045	27,825	124,220
Other sources ^d	48,436	3,888	44,548
Total	200,481	31,713	168,768
Total, all classes—			
Growing stock	2,359,517	639,585	1,719,932
Other sources	1,797,323	286,629	1,510,693
Total, all materials	4,156,840	926,214	3,230,626
South			
Southeast			
Roundwood products—			
Growing stock	3,047,385	2,299,829	747,555
Other sources	253,943	197,524	56,420
Total	3,301,328	2,497,353	803,975
Logging residues—			
Growing stock ^a	332,576	172,829	159,747
Other sources ^b	656,653	408,610	248,043
Total	989,229	581,439	407,790
Other removals—			
Growing stock ^c	464,065	185,663	278,402
Other sources ^d	270,583	72,880	197,703
Total	734,648	258,543	476,105
Total, all classes—			
Growing stock	3,844,026	2,658,321	1,185,705
Other sources	1,181,179	679,014	502,165
Total, all materials	5,025,205	3,337,335	1,687,870

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
South Central			
Roundwood products–			
Growing stock	3,381,527	2,342,302	1,039,225
Other sources	302,266	177,496	124,769
Total	3,683,792	2,519,798	1,163,994
Logging residues–			
Growing stock ^a	375,280	154,517	220,763
Other sources ^b	752,455	339,267	413,188
Total	1,127,735	493,784	633,951
Other removals–			
Growing stock ^c	447,318	179,476	267,841
Other sources ^d	244,275	56,238	188,038
Total	691,593	235,714	455,879
Total, all classes–			
Growing stock	4,204,124	2,676,296	1,527,829
Other sources	1,298,996	573,001	725,995
Total, all materials	5,503,121	3,249,297	2,253,824
South Total			
Roundwood products–			
Growing stock	6,428,911	4,642,132	1,786,780
Other sources	556,209	375,020	181,189
Total	6,985,120	5,017,151	1,967,969
Logging residues–			
Growing stock ^a	707,856	327,345	380,510
Other sources ^b	1,409,109	747,878	661,231
Total	2,116,964	1,075,223	1,041,741
Other removals–			
Growing stock ^c	911,383	365,140	546,243
Other sources ^d	514,858	129,117	385,741
Total	1,426,241	494,257	931,984
Total, all classes–			
Growing stock	8,048,150	5,334,617	2,713,533
Other sources	2,480,176	1,252,015	1,228,161
Total, all materials	10,528,326	6,586,632	3,941,694

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
Rocky Mountain			
Great Plains			
Roundwood products—			
Growing stock	31,227	25,690	5,536
Other sources	25,785	1,192	24,592
Total	57,011	26,883	30,129
Logging residues—			
Growing stock ^a	2,653	1,931	722
Other sources ^b	10,393	9,004	1,390
Total	13,046	10,935	2,111
Other removals—			
Growing stock ^c	1,717	371	1,346
Other sources ^d	4,336	67	4,269
Total	6,053	438	5,614
Total, all classes—			
Growing stock	35,596	27,993	7,604
Other sources	40,514	10,263	30,251
Total, all materials	76,110	38,256	37,854
Intermountain			
Roundwood products—			
Growing stock	372,412	363,640	8,771
Other sources	207,171	194,853	12,318
Total	579,582	558,493	21,089
Logging residues—			
Growing stock ^a	18,497	18,013	484
Other sources ^b	82,480	80,962	1,517
Total	100,977	98,976	2,002
Other removals—			
Growing stock ^c	—	—	—
Other sources ^d	—	—	—
Total	—	—	—
Total, all classes—			
Growing stock	390,909	381,653	9,256
Other sources	289,650	275,815	13,835
Total, all materials	680,559	657,469	23,091

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
Rocky Mountain Total			
Roundwood products–			
Growing stock	403,639	389,331	14,308
Other sources	232,955	196,045	36,910
Total	636,594	585,376	51,218
Logging residues–			
Growing stock ^a	21,150	19,944	1,206
Other sources ^b	92,873	89,966	2,907
Total	114,023	109,910	4,113
Other removals–			
Growing stock ^c	1,717	371	1,346
Other sources ^d	4,336	67	4,269
Total	6,053	438	5,614
Total, all classes–			
Growing stock	426,506	409,646	16,859
Other sources	330,164	286,078	44,086
Total, all materials	756,670	695,725	60,945
Pacific Coast			
Alaska			
Roundwood products–			
Growing stock	48,927	43,725	5,202
Other sources	6,051	4,763	1,287
Total	54,978	48,489	6,489
Logging residues–			
Growing stock ^a	17,217	15,578	1,639
Other sources ^b	9,199	8,652	547
Total	26,416	24,230	2,186
Other removals–			
Growing stock ^c	–	–	–
Other sources ^d	–	–	–
Total	–	–	–
Total, all classes–			
Growing stock	66,144	59,303	6,841
Other sources	15,249	13,415	1,834
Total, all materials	81,394	72,718	8,675

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
Pacific Northwest			
Roundwood products–			
Growing stock	1,540,721	1,465,740	74,981
Other sources	116,383	112,224	4,159
Total	1,657,104	1,577,964	79,140
Logging residues–			
Growing stock ^a	57,815	55,001	2,814
Other sources ^b	356,655	342,901	13,754
Total	414,469	397,902	16,568
Other removals–			
Growing stock ^c	–	–	–
Other sources ^d	–	–	–
Total	–	–	–
Total, all classes–			
Growing stock	1,598,536	1,520,741	77,794
Other sources	473,038	455,125	17,913
Total, all materials	2,071,573	1,975,866	95,707
Pacific Southwest			
Roundwood products–			
Growing stock	337,532	337,531	1
Other sources	129,749	124,826	4,923
Total	467,281	462,357	4,924
Logging residues–			
Growing stock ^a	17,330	17,330	0
Other sources ^b	92,019	91,974	45
Total	109,349	109,304	45
Other removals–			
Growing stock ^c	–	–	–
Other sources ^d	–	–	–
Total	–	–	–
Total, all classes–			
Growing stock	354,862	354,860	1
Other sources	221,768	216,800	4,967
Total, all materials	576,629	571,661	4,968

Table 40. (cont.) Roundwood products, logging residues, and other removals from growing stock and other sources by species group, region, and subregion, 2011.

Region, subregion, class of material, and source of material	Total	Species group	
		Softwoods	Hardwoods
<i>Thousand cubic feet</i>			
Pacific Coast Total			
Roundwood products–			
Growing stock	1,927,180	1,846,996	80,184
Other sources	252,183	241,814	10,369
Total	2,179,362	2,088,810	90,553
Logging residues–			
Growing stock ^a	92,362	87,909	4,453
Other sources ^b	457,872	443,526	14,346
Total	550,234	531,435	18,799
Other removals–			
Growing stock ^c	–	–	–
Other sources ^d	–	–	–
Total	–	–	–
Total, all classes–			
Growing stock	2,019,541	1,934,905	84,637
Other sources	710,055	685,340	24,714
Total, all materials	2,729,596	2,620,245	109,351
United States			
Roundwood products–			
Growing stock	10,757,968	7,460,342	3,297,626
Other sources	2,050,221	901,525	1,148,696
Total	12,808,190	8,361,867	4,446,322
Logging residues–			
Growing stock ^a	1,030,602	465,074	565,528
Other sources ^b	2,699,866	1,475,465	1,224,400
Total	3,730,467	1,940,539	1,789,928
Other removals–			
Growing stock ^c	1,065,144	393,336	671,808
Other sources ^d	567,630	133,072	434,558
Total	1,632,774	526,408	1,106,366
Total, all classes–			
Growing stock	12,853,714	8,318,752	4,534,962
Other sources	5,317,717	2,510,063	2,807,654
Total, all materials	18,171,431	10,828,815	7,342,616

^a Growing-stock volume cut or knocked down during harvest but left at the harvest site.

^b Wood volume other than growing stock cut or knocked down during harvest but left on the ground. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing-stock top, and smaller than 5 inches d.b.h.; excludes stumps and limbs.

^c Growing-stock volume removed by cultural operations or timberland clearing.

^d Wood volume other than growing stock removed by cultural operations or timberland clearing. This volume is net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; includes downed dead and cull trees, tops above the 4-inch growing-stock top, and smaller than 5 inches d.b.h.; excludes stumps and limbs.

Note: Data may not add to totals because of rounding.

Table 41. Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
United States										
Saw logs	2011	4,988,212	3,646,796	1,341,416	4,751,752	3,494,325	1,257,427	236,460	152,471	83,989
	2006	7,178,996	5,289,148	1,889,847	6,781,310	5,029,594	1,751,716	397,685	259,554	138,131
	1996	7,120,223	5,158,256	1,961,967	6,711,817	4,928,295	1,783,521	408,407	229,961	178,446
	1986	7,110,200	5,441,442	1,668,758	6,766,756	5,219,952	1,546,804	343,444	221,490	121,955
	1976	6,683,230	5,249,795	1,433,435	6,363,763	5,017,652	1,346,111	319,467	232,143	87,324
	1962	6,206,651	4,601,269	1,605,383	5,880,689	4,321,139	1,559,550	325,962	280,129	45,833
	1952 ^a	6,451,547	5,028,456	1,423,092	5,773,485	4,598,693	1,174,792	678,063	429,763	248,300
Veneer logs	2011	699,769	623,874	75,895	680,485	607,627	72,858	19,284	16,246	3,038
	2006	1,211,349	1,068,460	142,889	1,155,896	1,020,002	135,894	55,453	48,458	6,995
	1996	1,281,543	1,123,938	157,605	1,220,519	1,070,475	150,044	61,024	53,463	7,561
	1986	1,544,905	1,437,832	107,073	1,444,218	1,341,878	102,340	100,687	95,954	4,733
	1976	1,442,596	1,342,176	100,420	1,332,064	1,236,359	95,705	110,532	105,817	4,715
	1962	883,991	591,992	291,999	756,054	473,058	282,996	127,937	118,934	9,003
	1952 ^a	459,432	251,461	207,971	386,711	220,719	165,993	72,720	30,742	41,978
Pulpwood and composites	2011	5,033,272	3,353,244	1,680,028	4,483,228	3,063,852	1,419,376	550,044	289,391	260,652
	2006	4,947,123	2,907,481	2,039,642	4,361,552	2,582,226	1,779,327	585,571	325,255	260,315
	1996	5,404,562	2,964,592	2,439,969	4,770,291	2,645,756	2,124,535	634,271	318,837	315,434
	1986	4,768,790	3,083,553	1,685,237	4,216,679	2,796,630	1,420,049	552,112	286,923	265,188
	1976	3,708,990	2,556,020	1,152,970	3,312,673	2,309,107	1,003,566	396,317	246,913	149,404
	1962	2,920,189	1,871,963	1,048,226	2,707,912	1,761,958	945,954	212,277	110,006	102,272
	1952	1,750,145	1,492,893	257,252	1,642,181	1,395,044	247,137	107,964	97,849	10,115
Fuelwood	2011	1,803,698	514,610	1,289,088	633,202	135,461	497,741	1,170,495	379,149	791,347
	2006	1,407,949	477,230	930,718	490,259	85,764	404,495	917,690	391,466	526,224
	1996	2,282,849	493,048	1,789,801	798,960	187,308	611,652	1,483,889	305,740	1,178,149
	1986	3,113,046	545,269	2,567,776	795,758	204,566	591,192	2,317,288	340,704	1,976,584
	1976	602,989	131,822	471,167	335,647	62,963	272,684	267,342	68,859	198,483
	1962	1,358,244	199,205	1,159,039	767,256	98,570	668,686	590,988	100,635	490,353
	1952	1,726,275	422,375	1,303,900	967,771	238,663	729,108	758,503	183,711	574,792
Other products ^b	2011	283,240	223,344	59,895	209,301	159,077	50,224	73,939	64,268	9,671
	2006	254,544	214,829	39,715	217,335	182,649	34,685	37,210	32,180	5,030
	1996	341,752	296,365	45,387	308,364	269,747	38,617	33,388	26,618	6,770
	1986	502,454	283,594	218,860	454,219	264,873	189,346	48,235	18,721	29,514
	1976	377,563	238,451	139,112	343,261	225,830	117,431	34,302	12,621	21,681
	1962	560,120	246,296	313,824	483,421	210,747	272,674	76,700	35,549	41,151
	1952	710,444	326,533	383,911	622,452	284,403	338,049	87,993	42,130	45,862

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Total products	2011	12,808,190	8,361,867	4,446,322	10,757,968	7,460,342	3,297,626	2,050,221	901,525	1,148,696
	2006	14,999,961	9,957,149	5,042,812	13,006,352	8,900,235	4,106,117	1,993,608	1,056,913	936,695
	1996	16,430,929	10,036,200	6,394,729	13,809,950	9,101,581	4,708,369	2,620,979	934,619	1,686,360
	1986	17,039,395	10,791,690	6,247,705	13,677,630	9,827,899	3,849,731	3,361,765	963,791	2,397,974
	1976	12,815,368	9,518,264	3,297,104	11,687,408	8,851,911	2,835,497	1,127,960	666,353	461,607
	1962	11,929,196	7,510,725	4,418,471	10,595,332	6,865,472	3,729,860	1,333,864	645,253	688,611
	1952	11,097,843	7,521,718	3,576,126	9,392,600	6,737,522	2,655,078	1,705,243	784,196	921,048
Logging residue	2011	3,730,466	1,940,539	1,789,927	1,030,600	465,074	565,527	2,699,866	1,475,465	1,224,400
	2006	4,529,905	2,243,408	2,286,497	1,250,323	550,808	699,515	3,279,582	1,692,600	1,586,982
	1996	3,373,283	1,348,461	2,024,822	1,291,664	614,742	676,922	2,081,619	733,719	1,347,900
	1986	3,912,746	2,270,109	1,642,637	1,582,035	998,503	583,532	2,330,711	1,271,606	1,059,105
	1976	3,369,383	1,706,227	1,663,156	2,114,667	831,894	1,282,773	1,254,716	874,333	380,383
	1962	3,346,528	1,434,059	1,912,469	1,860,208	622,682	1,237,526	1,486,320	811,377	674,943
	1952	2,108,489	992,225	1,116,264	1,383,386	656,081	727,304	725,103	336,143	388,960
Other removals	2011	1,632,774	526,408	1,106,366	1,065,144	393,336	671,808	567,630	133,072	434,558
	2006	1,391,212	488,400	902,811	1,021,009	409,015	611,993	370,203	79,385	290,818
	1996	1,355,447	447,952	907,495	887,949	348,207	539,742	467,498	99,745	367,753
	1986	1,806,311	422,378	1,383,933	1,117,547	327,068	790,479	688,764	95,310	593,454
	1976	1,378,185	461,333	916,851	1,077,288	381,415	695,873	300,896	79,918	220,978
	1962	1,064,366	236,146	828,220	644,403	176,382	468,021	419,963	59,764	360,199
	1952	1,822,194	909,566	912,628	1,359,022	816,516	542,506	463,172	93,051	370,121
Total harvest	2011	18,171,430	10,828,814	7,342,615	12,853,713	8,318,752	4,534,961	5,317,717	2,510,063	2,807,654
	2006	20,921,077	12,688,957	8,232,120	15,277,684	9,860,058	5,417,626	5,643,393	2,828,899	2,814,495
	1996	21,159,659	11,832,613	9,327,046	15,989,563	10,064,530	5,925,033	5,170,096	1,768,083	3,402,013
	1986	22,758,452	13,484,177	9,274,275	16,377,212	11,153,470	5,223,742	6,381,240	2,330,707	4,050,533
	1976	17,562,935	11,685,824	5,877,111	14,879,364	10,065,220	4,814,144	2,683,572	1,620,604	1,062,968
	1962	16,340,089	9,180,929	7,159,160	13,099,943	7,664,536	5,435,407	3,240,146	1,516,393	1,723,753
	1952	15,028,526	9,423,509	5,605,017	12,135,007	8,210,119	3,924,888	2,893,519	1,213,390	1,680,129
North										
Saw logs	2011	946,461	270,443	676,019	875,348	259,674	615,674	71,113	10,769	60,344
	2006	1,168,146	346,205	821,941	1,027,094	293,366	733,728	141,052	52,840	88,213
	1996	1,279,688	336,542	943,145	1,125,336	282,167	843,168	154,352	54,375	99,977
	1986	1,069,231	343,489	725,742	930,697	283,107	647,590	138,534	60,382	78,152
	1976	966,739	267,127	699,612	890,943	245,805	645,138	75,796	21,322	54,474
	1962	778,285	187,479	590,807	738,369	173,797	564,572	39,916	13,682	26,234
	1952 ^a	926,724	341,258	585,466	808,162	311,591	496,571	118,562	29,667	88,895

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Veneer logs	2011	42,340	2,586	39,754	39,631	2,329	37,303	2,709	258	2,451
	2006	55,654	3,346	52,308	49,505	2,765	46,740	6,148	581	5,568
	1996	60,129	3,075	57,054	53,616	2,513	51,103	6,513	562	5,951
	1986	42,946	9,573	33,373	39,058	8,062	30,996	3,888	1,511	2,377
	1976	37,034	3,233	33,801	34,294	3,019	31,275	2,740	214	2,526
	1962	55,109	245	54,864	48,642	245	48,397	6,468	–	6,468
	1952 ^a	46,310	280	46,030	37,770	237	37,533	8,540	44	8,497
Pulpwood and composites	2011	996,057	280,966	715,090	809,445	255,461	553,985	186,612	25,506	161,106
	2006	1,198,770	311,367	887,403	998,048	259,630	738,419	200,722	51,738	148,984
	1996	1,265,166	380,738	884,427	1,060,444	314,211	746,232	204,722	66,527	138,195
	1986	976,018	378,001	598,017	804,471	309,898	494,573	171,547	68,103	103,444
	1976	789,056	334,920	454,136	680,737	283,946	396,791	108,319	50,974	57,345
	1962	682,643	302,840	379,804	644,685	281,197	363,488	37,959	21,643	16,316
	1952	439,483	299,796	139,687	420,417	284,708	135,709	19,066	15,088	3,978
Fuelwood	2011	953,662	86,013	867,649	212,209	38,686	173,523	741,453	47,327	694,126
	2006	575,619	32,515	543,105	137,756	4,991	132,765	437,863	27,524	410,340
	1996	842,114	68,999	773,115	129,999	10,496	119,503	712,115	58,503	653,612
	1986	1,765,369	125,041	1,640,328	239,460	19,769	219,691	1,525,909	105,272	1,420,637
	1976	218,127	3,631	214,496	100,145	1,374	98,771	117,982	2,257	115,725
	1962	467,009	30,714	436,295	297,646	25,309	272,337	169,364	5,405	163,958
	1952	670,231	37,407	632,825	276,071	10,734	265,337	394,161	26,673	367,488
Other products ^b	2011	68,593	30,522	38,071	61,605	25,736	35,870	6,988	4,787	2,201
	2006	46,372	24,675	21,697	38,112	19,624	18,488	8,260	5,051	3,210
	1996	61,842	26,520	35,322	49,526	19,992	29,534	12,316	6,528	5,788
	1986	225,307	44,525	180,782	188,536	33,466	155,070	36,771	11,059	25,712
	1976	126,835	27,043	99,792	104,645	22,324	82,321	22,190	4,719	17,471
	1962	205,137	38,957	166,180	181,843	36,632	145,211	23,294	2,325	20,969
	1952	209,040	39,781	169,259	184,758	32,202	152,557	24,282	7,579	16,702
Total products	2011	3,007,113	670,531	2,336,582	1,998,239	581,884	1,416,354	1,008,875	88,646	920,228
	2006	3,044,562	718,108	2,326,454	2,250,516	580,376	1,670,140	794,046	137,732	656,314
	1996	3,508,939	815,875	2,693,064	2,418,921	629,380	1,789,541	1,090,018	186,495	903,523
	1986	4,078,871	900,629	3,178,242	2,202,222	654,302	1,547,920	1,876,649	246,327	1,630,322
	1976	2,137,791	635,954	1,501,837	1,810,764	556,468	1,254,296	327,027	79,486	247,541
	1962	2,188,184	560,235	1,627,949	1,911,184	517,180	1,394,004	277,000	43,055	233,945
	1952	2,291,788	718,522	1,573,266	1,727,177	639,471	1,087,706	564,611	79,051	485,560

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Logging residue	2011	949,245	223,970	725,275	209,233	29,875	179,358	740,012	194,095	545,917
	2006	1,317,758	279,211	1,038,547	252,597	29,195	223,402	1,065,161	250,016	815,145
	1996	1,359,582	292,536	1,067,046	255,951	30,918	225,033	1,103,631	261,618	842,013
	1986	610,265	218,264	392,001	201,476	30,840	170,636	408,789	187,424	221,365
	1976	565,457	201,593	363,864	328,510	69,249	259,261	236,947	132,344	104,603
	1962	376,715	159,642	217,073	181,000	43,055	137,945	195,715	116,587	79,128
	1952	471,861	228,298	243,563	212,756	78,771	133,985	259,105	149,527	109,578
Other removals	2011	200,481	31,713	168,768	152,045	27,825	124,220	48,436	3,888	44,548
	2006	400,148	71,433	328,715	316,993	67,498	249,495	83,155	3,935	79,219
	1996	201,312	14,014	187,298	97,544	8,048	89,496	103,768	5,966	97,802
	1986	507,069	64,927	442,142	304,519	40,374	264,145	202,550	24,553	177,997
	1976	620,991	96,977	524,013	519,543	79,640	439,903	101,448	17,337	84,110
	1962	198,433	40,388	158,046	119,534	25,115	94,420	78,899	15,273	63,626
	1952	270,664	51,799	218,865	162,965	32,210	130,755	107,699	19,588	88,111
Total harvest	2011	4,156,839	926,214	3,230,625	2,359,516	639,584	1,719,932	1,797,323	286,629	1,510,693
	2006	4,762,468	1,068,753	3,693,715	2,820,106	677,069	2,143,038	1,942,362	391,684	1,550,677
	1996	5,069,833	1,122,425	3,947,408	2,772,416	668,346	2,104,070	2,297,417	454,079	1,843,338
	1986	5,196,205	1,183,820	4,012,385	2,708,217	725,516	1,982,701	2,487,988	458,304	2,029,684
	1976	3,324,239	934,525	2,389,714	2,658,817	705,357	1,953,460	665,422	229,168	436,254
	1962	2,763,332	760,265	2,003,067	2,211,718	585,350	1,626,369	551,614	174,915	376,699
	1952	3,034,313	998,619	2,035,695	2,102,898	750,452	1,352,446	931,415	248,166	683,249
South										
Saw logs	2011	2,258,267	1,642,327	615,940	2,192,365	1,598,903	593,462	65,902	43,424	22,478
	2006	3,652,780	2,667,325	985,455	3,507,459	2,568,597	938,862	145,321	98,728	46,593
	1996	3,680,682	2,721,782	958,900	3,534,463	2,653,390	881,072	146,220	68,392	77,828
	1986	3,074,661	2,172,991	901,670	3,005,843	2,144,843	861,000	68,818	28,148	40,670
	1976	2,266,355	1,598,952	667,403	2,210,297	1,570,670	639,627	56,058	28,282	27,776
	1962	2,239,774	1,233,895	1,005,879	2,204,242	1,217,033	987,209	35,532	16,862	18,670
	1952 ^a	2,506,471	1,674,976	831,495	2,236,384	1,560,836	675,548	270,087	114,140	155,947
Veneer logs	2011	438,828	404,502	34,326	426,786	393,021	33,765	12,042	11,481	561
	2006	829,834	744,141	85,693	788,557	704,095	84,462	41,277	40,046	1,231
	1996	825,003	736,174	88,829	804,052	716,609	87,443	20,951	19,565	1,386
	1986	807,616	736,459	71,157	793,891	724,662	69,229	13,725	11,797	1,928
	1976	561,331	498,140	63,191	549,966	488,783	61,183	11,365	9,357	2,008
	1962	192,854	3,080	189,775	190,298	3,059	187,239	2,556	21	2,535
	1952 ^a	170,304	8,461	161,843	135,847	7,387	128,460	34,457	1,074	33,383

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Pulpwood and composites	2011	3,692,691	2,771,931	920,760	3,337,284	2,515,015	822,269	355,407	256,916	98,491
	2006	3,562,736	2,461,692	1,101,044	3,192,969	2,202,355	990,613	369,767	259,337	110,431
	1996	4,046,778	2,499,130	1,547,648	3,633,402	2,262,754	1,370,647	413,376	236,375	177,000
	1986	3,284,136	2,207,980	1,076,156	2,978,875	2,062,611	916,264	305,261	145,369	159,892
	1976	2,615,220	1,937,776	677,444	2,380,275	1,794,210	586,065	234,945	143,566	91,379
	1962	1,999,963	1,336,960	663,003	1,832,555	1,253,938	578,617	167,408	83,022	84,386
	1952	1,002,469	888,871	113,598	946,192	838,656	107,536	56,277	50,215	6,062
Fuelwood	2011	420,133	44,372	375,761	356,619	33,131	323,488	63,514	11,241	52,273
	2006	371,677	39,703	331,974	300,265	29,914	270,351	71,412	9,789	61,623
	1996	947,981	109,044	838,937	507,358	62,841	444,517	440,623	46,203	394,420
	1986	746,698	53,225	693,473	323,259	31,592	291,667	423,439	21,633	401,806
	1976	322,593	76,784	245,809	220,585	51,397	169,188	102,008	25,387	76,621
	1962	812,848	104,066	708,782	459,625	63,554	396,071	353,223	40,512	312,711
	1952	932,198	277,676	654,521	668,777	206,876	461,901	263,421	70,800	192,620
Other products ^b	2011	175,201	154,019	21,182	115,858	102,063	13,795	59,343	51,956	7,387
	2006	149,767	134,913	14,854	135,451	121,399	14,051	14,316	13,514	803
	1996	92,338	88,708	3,630	80,310	77,113	3,197	12,028	11,595	433
	1986	166,274	131,688	34,586	158,508	127,478	31,030	7,766	4,210	3,556
	1976	159,606	121,945	37,661	149,439	115,873	33,566	10,167	6,072	4,095
	1962	279,358	133,700	145,658	255,126	129,527	125,599	24,232	4,173	20,059
	1952	399,900	187,748	212,151	360,549	177,105	183,444	39,351	10,644	28,707
Total products	2011	6,985,120	5,017,151	1,967,969	6,428,911	4,642,132	1,786,780	556,209	375,020	181,189
	2006	8,566,794	6,047,774	2,519,020	7,924,700	5,626,360	2,298,340	642,094	421,414	220,681
	1996	9,592,782	6,154,838	3,437,944	8,559,585	5,772,708	2,786,877	1,033,197	382,130	651,067
	1986	8,079,385	5,302,343	2,777,042	7,260,376	5,091,186	2,169,190	819,009	211,157	607,852
	1976	5,925,105	4,233,597	1,691,508	5,510,562	4,020,933	1,489,629	414,543	212,664	201,879
	1962	5,524,797	2,811,700	2,713,097	4,941,846	2,667,110	2,274,736	582,951	144,590	438,361
	1952	5,011,341	3,037,732	1,973,609	4,347,748	2,790,859	1,556,889	663,593	246,873	416,720
Logging residue	2011	2,116,964	1,075,223	1,041,741	707,855	327,345	380,510	1,409,109	747,878	661,231
	2006	2,343,907	1,147,103	1,196,804	816,264	349,299	466,965	1,527,643	797,804	729,839
	1996	1,522,542	581,666	940,876	812,513	368,436	444,077	710,029	213,230	496,799
	1986	1,945,074	721,408	1,223,666	763,922	364,075	399,847	1,181,152	357,333	823,819
	1976	1,879,140	612,162	1,266,978	1,245,651	252,279	993,372	633,489	359,883	273,606
	1962	2,066,860	389,274	1,677,586	1,228,067	144,590	1,083,477	838,793	244,684	594,109
	1952	1,157,711	286,694	871,017	722,203	130,046	592,157	435,508	156,649	278,860

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Other removals	2011	1,426,241	494,257	931,984	911,383	365,140	546,243	514,858	129,117	385,741
	2006	991,064	416,967	574,097	704,015	341,517	362,498	287,048	75,450	211,599
	1996	1,133,117	429,883	703,234	781,500	337,118	444,382	351,617	92,765	258,852
	1986	1,274,036	341,342	932,694	807,689	285,764	521,925	466,347	55,578	410,769
	1976	638,644	253,847	384,797	446,245	197,872	248,373	192,399	55,975	136,424
	1962	856,338	187,760	668,578	522,049	149,703	372,346	334,289	38,057	296,232
	1952	1,175,925	482,753	693,172	829,339	417,774	411,565	346,586	64,979	281,607
Total harvest	2011	10,528,325	6,586,632	3,941,694	8,048,149	5,334,617	2,713,533	2,480,176	1,252,015	1,228,161
	2006	11,901,765	7,611,844	4,289,921	9,444,980	6,317,177	3,127,803	2,456,785	1,294,667	1,162,118
	1996	12,248,441	7,166,387	5,082,054	10,153,598	6,478,262	3,675,336	2,094,843	688,125	1,406,718
	1986	11,298,495	6,365,093	4,933,402	8,831,987	5,741,025	3,090,962	2,466,508	624,068	1,842,440
	1976	8,442,889	5,099,606	3,343,283	7,202,459	4,471,084	2,731,375	1,240,431	628,522	611,909
	1962	8,447,994	3,388,734	5,059,260	6,691,962	2,961,403	3,730,559	1,756,033	427,331	1,328,701
	1952	7,344,977	3,807,179	3,537,798	5,899,289	3,338,679	2,560,611	1,445,687	468,500	977,187
Rocky Mountain										
Saw logs	2011	332,652	324,869	7,783	298,173	290,862	7,312	34,479	34,008	471
	2006	470,288	460,928	9,359	425,894	417,791	8,103	44,394	43,137	1,256
	1996	389,865	381,097	8,768	361,533	353,363	8,170	28,331	27,733	598
	1986	619,134	607,393	11,741	608,957	598,186	10,771	10,177	9,207	970
	1976	641,601	640,684	917	630,910	630,017	893	10,691	10,667	24
	1962	557,741	555,379	2,362	523,412	521,089	2,323	34,329	34,290	39
	1952 ^a	360,089	359,937	152	336,258	336,120	138	23,831	23,817	14
Veneer logs	2011	19,138	18,642	496	18,854	18,365	489	284	277	7
	2006	36,131	36,131	–	35,387	35,387	–	744	744	–
	1996	63,563	63,461	102	63,163	63,063	100	400	398	2
	1986	77,888	77,695	193	77,879	77,695	184	9	–	9
	1976	65,113	65,092	21	63,971	63,950	21	1,142	1,142	–
	1962	18,762	18,721	41	18,762	18,721	41	–	–	–
	1952 ^a	1,422	1,422	–	1,306	1,306	–	116	116	–
Pulpwood and composites	2011	67,154	61,529	5,625	64,726	59,455	5,271	2,428	2,075	354
	2006	21,922	18,122	3,800	20,097	16,349	3,748	1,825	1,774	51
	1996	31,770	26,987	4,783	24,097	19,385	4,712	7,673	7,602	71
	1986	39,321	39,171	150	28,912	28,762	150	10,409	10,409	–
	1976	25,234	25,151	83	23,446	23,363	83	1,788	1,788	–
	1962	22,666	22,531	135	17,325	17,190	135	5,341	5,341	–
	1952	17,481	17,349	132	16,262	16,136	126	1,219	1,214	6

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Fuelwood	2011	194,124	157,390	36,734	5,531	4,803	728	188,593	152,587	36,006
	2006	119,797	79,952	39,845	5,614	4,575	1,040	114,183	75,378	38,805
	1996	172,500	98,730	73,770	7,336	2,894	4,442	165,164	95,836	69,328
	1986	164,410	84,644	79,766	10,989	5,784	5,205	153,421	78,860	74,561
	1976	24,735	23,910	825	4,313	4,302	11	20,422	19,608	814
	1962	28,334	27,939	395	788	771	17	27,546	27,168	378
	1952	47,246	32,375	14,871	3,889	2,634	1,255	43,357	29,741	13,616
Other products ^b	2011	23,525	22,945	580	16,354	15,846	508	7,171	7,099	73
	2006	34,910	31,782	3,129	21,310	19,189	2,121	13,600	12,593	1,008
	1996	29,991	23,559	6,432	21,885	16,002	5,883	8,106	7,557	549
	1986	47,094	43,602	3,492	44,168	40,922	3,246	2,926	2,680	246
	1976	19,841	18,210	1,631	17,924	16,380	1,544	1,917	1,830	87
	1962	23,814	21,901	1,913	15,438	13,582	1,856	8,376	8,319	57
	1952	25,765	24,649	1,117	25,523	24,545	978	242	103	139
Total products	2011	636,594	585,376	51,218	403,639	389,331	14,308	232,955	196,045	36,910
	2006	692,896	635,780	57,116	512,303	496,327	15,976	180,593	139,453	41,140
	1996	687,689	593,834	93,855	478,014	454,707	23,307	209,675	139,127	70,548
	1986	947,847	852,505	95,342	770,905	751,349	19,556	176,942	101,156	75,786
	1976	776,524	773,047	3,477	740,564	738,012	2,552	35,960	35,035	925
	1962	651,317	646,471	4,846	575,725	571,353	4,372	75,592	75,118	474
	1952	452,004	435,732	16,272	383,238	380,741	2,497	68,766	54,991	13,775
Logging residue	2011	114,023	109,910	4,113	21,150	19,944	1,206	92,873	89,966	2,907
	2006	135,090	133,874	1,216	26,024	25,734	290	109,066	108,140	927
	1996	160,263	152,664	7,599	47,204	45,085	2,119	113,059	107,579	5,480
	1986	96,895	91,353	5,542	96,126	91,341	4,785	769	12	757
	1976	91,725	91,411	314	91,712	91,407	305	13	4	9
	1962	75,606	75,127	479	75,592	75,118	474	14	9	5
	1952	46,419	45,666	753	45,895	45,596	299	524	70	454
Other removals	2011	6,053	438	5,614	1,717	371	1,346	4,336	67	4,269
	2006	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable
	1996	18,668	2,269	16,399	6,777	1,332	5,445	11,891	937	10,954
	1986	5,922	200	5,722	3,692	138	3,554	2,230	62	2,168
	1976	12,923	12,699	223	12,875	12,678	197	48	21	26
	1962	959	151	808	899	105	795	60	46	14
	1952	572	40	532	144	7	138	428	34	394

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Total harvest	2011	756,670	695,725	60,945	426,506	409,646	16,859	330,164	286,078	44,086
	2006	827,986	769,654	58,332	538,327	522,061	16,266	289,659	247,593	42,066
	1996	866,620	748,767	117,853	531,995	501,124	30,871	334,625	247,643	86,982
	1986	1,050,664	944,058	106,606	870,723	842,828	27,895	179,941	101,230	78,711
	1976	881,172	877,158	4,015	845,151	842,097	3,054	36,021	35,061	961
	1962	727,882	721,749	6,133	652,216	646,576	5,641	75,665	75,173	492
	1952	498,995	481,438	17,556	429,277	426,343	2,934	69,717	55,095	14,623
Pacific Coast (excluding Alaska)										
Saw logs	2011	1,406,397	1,364,808	41,589	1,344,928	1,303,992	40,937	61,469	60,816	652
	2006	1,843,348	1,770,341	73,007	1,779,926	1,708,945	70,981	63,421	61,396	2,026
	1996	1,735,445	1,684,475	50,971	1,656,683	1,605,751	50,932	78,763	78,724	39
	1986	2,263,721	2,234,564	29,157	2,140,423	2,113,427	26,996	123,298	121,137	2,161
	1976	2,705,219	2,640,847	64,372	2,538,273	2,478,951	59,322	166,946	161,896	5,050
	1962	2,543,971	2,537,636	6,335	2,349,476	2,344,030	5,446	194,495	193,606	889
	1952 ^a	2,648,232	2,642,352	5,880	2,383,070	2,380,535	2,535	265,162	261,817	3,345
Veneer logs	2011	199,463	198,143	1,320	195,214	193,913	1,301	4,249	4,230	18
	2006	289,731	284,843	4,888	282,447	277,755	4,692	7,284	7,088	196
	1996	332,848	321,228	11,620	299,688	288,290	11,398	33,160	32,938	222
	1986	611,681	609,331	2,350	528,642	526,711	1,931	83,039	82,620	419
	1976	767,037	763,630	3,407	673,801	670,575	3,226	93,236	93,055	181
	1962	608,663	561,344	47,319	490,317	442,998	47,319	118,346	118,346	–
	1952 ^a	240,883	240,788	95	211,310	211,310	–	29,573	29,478	95
Pulpwood and composites	2011	269,628	236,262	33,366	264,110	231,394	32,716	5,518	4,869	650
	2006	146,105	104,880	41,225	138,775	98,327	40,449	7,330	6,553	777
	1996	41,593	38,554	3,039	35,070	32,192	2,878	6,523	6,362	161
	1986	467,932	457,281	10,651	403,750	394,915	8,835	64,182	62,366	1,816
	1976	278,670	258,106	20,564	227,405	207,521	19,884	51,265	50,585	680
	1962	214,873	209,589	5,284	213,303	209,589	3,714	1,570	–	1,570
	1952	290,566	286,731	3,835	259,181	255,415	3,766	31,386	31,316	69
Fuelwood	2011	233,444	225,682	7,762	58,809	58,808	1	174,635	166,874	7,761
	2006	331,487	319,411	12,076	46,589	46,251	338	284,897	273,160	11,737
	1996	307,472	209,198	98,274	144,094	105,245	38,849	163,378	103,953	59,425
	1986	423,513	274,744	148,769	212,718	142,428	70,290	210,795	132,316	78,479
	1976	35,776	27,029	8,747	9,275	5,851	3,424	26,502	21,179	5,323
	1962	49,415	35,848	13,567	9,177	8,916	261	40,238	26,932	13,306
	1952	76,561	74,906	1,654	19,028	18,413	615	57,533	56,493	1,040

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Other products ^b	2011	15,452	15,425	27	15,191	15,164	27	261	261	0
	2006	23,027	23,027	–	22,169	22,169	–	858	858	–
	1996	78,103	78,103	–	77,165	77,165	–	938	938	–
	1986	61,466	61,466	–	60,694	60,694	–	772	772	–
	1976	70,835	70,807	28	70,807	70,807	–	28	–	28
	1962	50,510	50,436	73	30,537	30,529	7	19,973	19,907	66
	1952	75,715	74,339	1,376	51,605	50,535	1,070	24,110	23,804	306
Total products	2011	2,124,384	2,040,321	84,063	1,878,252	1,803,271	74,982	246,132	237,050	9,082
	2006	2,633,697	2,502,501	131,196	2,269,907	2,153,447	116,460	363,790	349,054	14,736
	1996	2,495,461	2,331,558	163,903	2,212,699	2,108,643	104,056	282,762	222,915	59,847
	1986	3,828,313	3,637,386	190,927	3,346,227	3,238,175	108,052	482,086	399,211	82,875
	1976	3,857,537	3,760,419	97,118	3,519,560	3,433,704	85,856	337,977	326,715	11,262
	1962	3,467,432	3,394,853	72,579	3,092,810	3,036,062	56,748	374,622	358,791	15,831
	1952	3,331,957	3,319,116	12,841	2,924,193	2,916,207	7,986	407,764	402,909	4,855
Logging residue	2011	523,818	507,206	16,612	75,145	72,331	2,814	448,673	434,875	13,799
	2006	706,734	658,990	47,744	138,220	131,001	7,219	568,514	527,989	40,525
	1996	259,290	251,086	8,204	135,300	130,242	5,058	123,990	120,844	3,146
	1986	1,221,454	1,200,222	21,232	495,529	487,379	8,150	725,925	712,843	13,082
	1976	753,549	721,549	32,000	425,115	395,280	29,835	328,434	326,269	2,165
	1962	825,205	807,874	17,332	373,421	357,791	15,630	451,784	450,083	1,702
	1952	398,517	397,586	931	397,889	397,026	863	628	560	68
Other removals	2011	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable
	2006	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable
	1996	1,249	691	558	1,027	614	413	222	77	145
	1986	19,074	15,783	3,291	1,437	666	771	17,637	15,117	2,520
	1976	105,527	97,710	7,817	98,525	91,125	7,400	7,002	6,585	417
	1962	7,750	6,971	779	1,034	583	451	6,715	6,387	328
	1952	375,033	374,975	58	366,574	366,525	49	8,459	8,450	9
Total harvest	2011	2,648,202	2,547,527	100,676	1,953,397	1,875,602	77,795	694,805	671,925	22,880
	2006	3,340,432	3,161,492	178,940	2,408,127	2,284,449	123,679	932,304	877,043	55,261
	1996	2,756,000	2,583,335	172,665	2,349,026	2,239,499	109,527	406,974	343,836	63,138
	1986	5,068,841	4,853,391	215,450	3,843,193	3,726,220	116,973	1,225,648	1,127,171	98,477
	1976	4,716,613	4,579,678	136,935	4,043,200	3,920,109	123,091	673,413	659,569	13,844
	1962	4,300,387	4,209,698	90,689	3,467,265	3,394,436	72,829	833,122	815,261	17,860
	1952	4,105,507	4,091,677	13,831	3,688,656	3,679,758	8,898	416,852	411,919	4,933

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Alaska										
Saw logs	2011	44,434	44,349	85	40,937	40,895	42	3,497	3,453	43
	2006	44,434	44,349	85	40,937	40,895	42	3,497	3,453	43
	1996	34,543	34,360	183	33,802	33,623	179	741	737	4
	1986	83,453	83,005	448	80,836	80,389	447	2,617	2,616	2
	1976	103,316	102,185	1,131	93,340	92,209	1,131	9,976	9,976	–
	1962	86,880	86,880	0	65,190	65,190	0	21,690	21,690	–
	1952 ^a	10,031	9,933	99	9,612	9,612	0	420	321	99
Veneer logs	2011	–	–	–	–	–	–	–	–	–
	2006	–	–	–	–	–	–	–	–	–
	1996	–	–	–	–	–	–	–	–	–
	1986	4,774	4,774	0	4,748	4,748	0	26	26	–
	1976	12,081	12,081	0	10,032	10,032	0	2,049	2,049	–
	1962	8,603	8,603	0	8,036	8,036	0	567	567	–
	1952 ^a	512	509	3	479	479	0	33	31	3
Pulpwood and composites	2011	7,741	2,555	5,186	7,663	2,529	5,134	78	26	52
	2006	7,741	2,555	5,186	7,663	2,529	5,134	78	26	52
	1996	19,255	19,183	72	17,278	17,213	65	1,977	1,970	7
	1986	1,383	1,120	263	671	444	227	713	676	36
	1976	810	67	743	810	67	743	–	–	–
	1962	44	44	0	44	44	0	–	–	–
	1952	146	146	0	130	130	0	16	16	–
Fuelwood	2011	2,335	1,153	1,182	34	34	1	2,300	1,119	1,181
	2006	9,369	5,649	3,720	34	34	1	9,334	5,616	3,719
	1996	12,782	7,077	5,705	10,173	5,832	4,341	2,609	1,245	1,364
	1986	13,056	7,615	5,440	9,332	4,993	4,339	3,724	2,623	1,101
	1976	1,758	467	1,290	1,330	39	1,290	428	428	–
	1962	638	638	0	20	20	0	617	617	–
	1952	39	11	28	7	7	–	32	4	28
Other products ^b	2011	468	432	35	293	268	25	175	165	10
	2006	468	432	35	293	268	25	175	165	10
	1996	79,478	79,475	3	79,478	79,475	3	–	–	–
	1986	2,313	2,313	–	2,313	2,313	–	–	–	–
	1976	446	446	–	446	446	–	–	–	–
	1962	1,301	1,301	–	477	477	–	824	824	–
	1952	25	17	8	16	16	–	8	0	8

Table 41. (cont.) Total volume of roundwood harvested in the United States by region, source of material, species group, and category, 2011, 2006, 1996, 1986, 1976, 1962, 1952.

Category	Year	Source of material								
		All sources			Growing stock			Other sources		
		Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
<i>Thousand cubic feet</i>										
Total products	2011	54,978	48,489	6,489	48,927	43,725	5,202	6,051	4,763	1,287
	2006	62,011	52,985	9,027	48,927	43,725	5,202	13,084	9,260	3,825
	1996	146,058	140,095	5,963	140,731	136,143	4,588	5,327	3,952	1,375
	1986	104,979	98,827	6,152	97,900	92,887	5,013	7,079	5,940	1,139
	1976	118,411	115,247	3,164	105,958	102,794	3,164	12,453	12,453	–
	1962	97,466	97,466	0	73,767	73,767	0	23,699	23,699	–
	1952	10,753	10,616	138	10,244	10,244	0	509	372	138
Logging residue	2011	26,416	24,230	2,186	17,217	15,578	1,639	9,199	8,652	547
	2006	26,416	24,230	2,186	17,217	15,578	1,639	9,199	8,652	547
	1996	71,606	70,509	1,097	40,696	40,061	635	30,910	30,448	462
	1986	39,058	38,862	196	24,982	24,868	114	14,076	13,994	82
	1976	79,511	79,511	0	23,679	23,679	0	55,832	55,832	–
	1962	2,142	2,142	0	2,128	2,128	0	14	14	–
	1952	33,981	33,981	0	4,643	4,643	0	29,338	29,338	–
Other removals	2011	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable
	2006	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable	unavailable
	1996	1,101	1,095	6	1,101	1,095	6	–	–	–
	1986	210	126	84	210	126	84	–	–	–
	1976	100	100	0	100	100	0	–	–	–
	1962	886	876	10	886	876	10	–	–	–
	1952	–	–	–	–	–	–	–	–	–
Total harvest	2011	81,394	72,718	8,675	66,144	59,303	6,841	15,249	13,415	1,834
	2006	88,427	77,214	11,213	66,144	59,303	6,841	22,283	17,912	4,372
	1996	218,765	211,699	7,066	182,528	177,299	5,229	36,237	34,400	1,837
	1986	144,247	137,815	6,432	123,092	117,881	5,211	21,155	19,934	1,221
	1976	198,022	194,858	3,164	129,737	126,573	3,164	68,285	68,285	–
	1962	100,494	100,484	10	76,781	76,771	10	23,713	23,713	–
	1952	44,734	44,597	138	14,887	14,887	0	29,847	29,710	138

^a Saw log and veneer data corrected for 1952.

^b Includes poles, pilings, posts, cooperage, and miscellaneous products.

Table 42. Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 2011.

Region, subregion, and type of use	Total residue			Bark residue			Total coarse and fine			Coarse materials			Fine materials		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
<i>Thousand dry tons</i>															
North															
Northeast															
Fiber products	1,421	227	1,194	30	6	24	1,391	221	1,170	1,258	195	1,063	134	26	107
Fuel	1,350	290	1,060	428	101	327	922	189	733	551	104	447	371	85	286
Other uses	1,428	301	1,127	595	107	488	833	194	639	241	56	184	592	138	455
Not used	208	71	137	49	20	30	159	51	108	89	31	58	70	20	50
Northeast Total	4,407	889	3,518	1,102	234	869	3,305	655	2,650	2,139	386	1,752	1,167	269	898
North Central															
Fiber products	1,217	308	909	17	1	16	1,200	308	893	1,080	233	847	120	75	45
Fuel	2,610	550	2,060	1,217	261	956	1,393	289	1,104	658	160	498	735	130	606
Other uses	2,195	316	1,880	806	111	696	1,389	205	1,184	639	71	568	750	134	616
Not used	137	16	121	69	11	58	68	5	63	29	2	26	40	3	36
North Central Total	6,159	1,190	4,970	2,109	384	1,726	4,050	807	3,244	2,406	466	1,939	1,645	342	1,303
North Total															
Fiber products	2,638	535	2,103	47	7	40	2,591	529	2,063	2,338	428	1,910	254	101	152
Fuel	3,960	840	3,120	1,645	362	1,283	2,315	478	1,837	1,209	264	945	1,106	215	892
Other uses	3,623	617	3,007	1,401	218	1,184	2,222	399	1,823	880	127	752	1,342	272	1,071
Not used	345	87	258	118	31	88	227	56	171	118	33	84	110	23	86
North Total	10,566	2,079	8,488	3,211	618	2,595	7,355	1,462	5,894	4,545	852	3,691	2,812	611	2,201
South															
Southeast															
Fiber products	5,611	4,648	963	1	0	0	5,611	4,648	963	4,942	3,995	947	669	653	15
Fuel	6,685	5,154	1,531	3,709	2,849	860	2,976	2,305	671	120	49	71	2,856	2,256	600
Other uses	2,234	1,720	514	1,060	796	264	1,174	924	250	319	238	81	855	686	169
Not used	37	25	12	24	21	3	13	4	9	2	1	1	11	3	8
Southeast Total	14,567	11,547	3,020	4,794	3,666	1,127	9,774	7,881	1,893	5,383	4,283	1,100	4,391	3,598	792
South Central															
Fiber products	6,607	5,277	1,330	1	0	1	6,606	5,277	1,329	6,104	4,794	1,310	502	484	18
Fuel	9,900	7,029	2,871	5,241	3,676	1,565	4,659	3,353	1,306	530	227	303	4,129	3,126	1,003
Other uses	1,522	619	903	530	212	318	992	408	584	498	247	251	493	160	333
Not used	57	5	52	11	2	9	46	3	42	25	2	22	21	1	20
South Central Total	18,086	12,930	5,156	5,783	3,890	1,893	12,303	9,041	3,261	7,157	5,270	1,886	5,145	3,771	1,374

Table 42. (cont.) Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 2011.

Region, subregion, and type of use	Total residue			Bark residue			Total coarse and fine			Coarse materials			Fine materials		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
<i>Thousand dry tons</i>															
South Total															
Fiber products	12,218	9,925	2,293	2	0	1	12,217	9,925	2,292	11,046	8,789	2,257	1,171	1,137	33
Fuel	16,585	12,183	4,402	8,950	6,525	2,425	7,635	5,658	1,977	650	276	374	6,985	5,382	1,603
Other uses	3,756	2,339	1,417	1,590	1,008	582	2,166	1,332	834	817	485	332	1,348	846	502
Not used	94	30	64	35	23	12	59	7	51	27	3	23	32	4	28
South Total	32,653	24,477	8,176	10,577	7,556	3,020	22,077	16,922	5,154	12,540	9,553	2,986	9,536	7,369	2,166
Rocky Mountain															
Great Plains															
Fiber products	85	85	0	0	0	0	85	85	0	62	62	0	23	23	0
Fuel	100	92	8	33	32	0	67	60	7	49	44	5	18	16	3
Other uses	80	48	32	35	26	8	46	22	24	30	15	15	15	7	9
Not used	12	4	8	3	1	2	9	3	6	7	2	4	2	1	1
Great Plains Total	277	229	48	71	59	10	207	170	37	148	123	24	58	47	13
Intermountain															
Fiber products	1,733	1,733	0	8	8	0	1,725	1,725	0	1,127	1,127	0	598	598	0
Fuel	893	893	0	561	561	0	333	333	0	197	197	0	135	135	0
Other uses	295	295	0	131	131	0	164	164	0	83	83	0	81	81	0
Not used	16	16	0	4	4	0	12	12	0	6	6	0	7	7	0
Intermountain Total	2,937	2,937	0	704	704	0	2,234	2,234	0	1,413	1,413	0	821	821	0
Rocky Mountain Total															
Fiber products	1,818	1,818	0	8	8	0	1,810	1,810	0	1,189	1,189	0	621	621	0
Fuel	993	985	8	594	593	0	400	393	7	246	241	5	153	151	3
Other uses	375	343	32	166	157	8	210	186	24	113	98	15	96	88	9
Not used	28	20	8	7	5	2	21	15	6	13	8	4	9	8	1
Rocky Mountain Total	3,214	3,166	48	775	763	10	2,441	2,404	37	1,561	1,536	24	879	868	13
Pacific Coast															
Alaska															
Fiber products	32	32	-	0	0	-	32	32	-	32	32	0	0	0	-
Fuel	18	18	-	8	8	-	10	10	-	4	4	0	6	6	-
Other uses	4	4	-	1	1	-	3	3	-	2	2	0	2	2	-
Not used	15	15	-	6	6	-	9	9	-	3	3	0	6	6	-
Alaska Total	69	69	-	15	15	-	54	54	-	41	41	0	14	14	-

Table 42. (cont.) Weight of bark and wood residue from primary wood-using mills by type of material, species group, region, subregion, and type of use, 2011.

Region, subregion, and type of use	Total residue			Bark residue			Total coarse and fine			Coarse materials			Fine materials		
	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods	Total	Soft- woods	Hard- woods
<i>Thousand dry tons</i>															
Pacific Northwest															
Fiber products	5,954	5,847	106	59	59	0	5,895	5,789	106	4,776	4,681	95	1,119	1,108	11
Fuel	2,935	2,862	73	1,495	1,466	28	1,440	1,395	45	827	796	31	613	600	14
Other uses	1,161	1,118	43	597	579	18	565	540	25	370	353	17	195	187	9
Not used	10	10	0	8	8	0	2	2	0	1	1	0	1	1	0
Pacific Northwest Total	10,060	9,837	222	2,159	2,112	46	7,902	7,726	176	5,974	5,831	143	1,928	1,896	34
Pacific Southwest															
Fiber products	848	848	–	10	10	–	838	838	0	649	649	–	189	189	–
Fuel	1,482	1,482	–	521	521	–	961	961	0	481	481	–	480	480	–
Other uses	397	397	–	202	202	–	196	196	0	76	76	–	119	119	–
Not used	0	0	–	0	0	–	0	0	0	0	0	–	0	0	–
Pacific Southwest Total	2,727	2,727	–	733	733	–	1,995	1,995	0	1,206	1,206	–	788	788	–
Pacific Coast Total															
Fiber products	6,834	6,727	106	69	69	0	6,765	6,659	106	5,457	5,362	95	1,308	1,297	11
Fuel	4,435	4,362	73	2,024	1,995	28	2,411	2,366	45	1,312	1,281	31	1,099	1,086	14
Other uses	1,562	1,519	43	800	782	18	764	739	25	448	431	17	316	308	9
Not used	25	25	0	14	14	0	11	11	0	4	4	0	7	7	0
Pacific Coast Total	12,856	12,633	222	2,907	2,860	46	9,951	9,775	176	7,221	7,078	143	2,730	2,698	34
United States															
Fiber products	23,508	19,005	4,502	126	84	41	23,383	18,923	4,461	20,030	15,768	4,262	3,354	3,156	196
Fuel	25,973	18,370	7,603	13,213	9,475	3,736	12,761	8,895	3,866	3,417	2,062	1,355	9,343	6,834	2,512
Other uses	9,316	4,818	4,499	3,957	2,165	1,792	5,362	2,656	2,706	2,258	1,141	1,116	3,102	1,514	1,591
Not used	492	162	330	174	73	102	318	89	228	162	48	111	158	42	115
U.S. Total	59,289	42,355	16,934	17,470	11,797	5,671	41,824	30,563	11,261	25,867	19,019	6,844	15,957	11,546	4,414

Note: Data may not add to totals because of rounding.

Table 43. Average annual area of timberland planted in the United States by region and subregion, 1928-2011^a.

Year	Total all regions	North-east	North Central	Total North	South-east	South Central	Total South	Great Plains	Inter-mountain	Total Rocky Mountain	Pacific North-west	Pacific South-west	Total Pacific Coast
Acres													
1928	196,822	80,343	63,654	143,997	778	18,959	19,737	3,565	3,870	7,435	9,792	15,861	25,653
1929	193,080	72,832	64,175	137,007	4,134	22,594	26,728	4,380	5,351	9,731	9,651	9,963	19,614
1930	240,221	100,505	85,756	186,261	9,579	16,597	26,176	4,627	8,476	13,103	8,899	5,782	14,681
1931	268,769	124,351	105,270	229,621	6,764	8,577	15,341	5,911	8,314	14,225	5,114	4,468	9,582
1932	218,803	111,061	70,357	181,418	8,142	7,333	15,475	7,570	6,647	14,217	4,096	3,597	7,693
1934	314,231	135,721	129,896	265,617	9,980	10,442	20,422	5,590	8,553	14,143	7,044	7,005	14,049
1935	423,254	137,091	182,678	319,769	29,099	36,075	65,174	13,128	11,063	24,191	4,331	9,789	14,120
1936	569,775	172,127	197,588	369,715	78,552	74,626	153,178	12,491	11,717	24,208	7,249	15,425	22,674
1937	401,205	79,262	145,086	224,348	41,310	75,514	116,824	28,325	10,187	38,512	8,705	12,816	21,521
1938	501,891	61,497	165,190	226,687	65,509	128,586	194,095	44,962	15,752	60,714	12,414	7,981	20,395
1939	479,108	56,882	146,777	203,659	72,484	103,011	175,495	59,970	17,615	77,585	12,917	9,452	22,369
1940	518,035	68,248	153,012	221,260	74,866	123,866	198,732	48,616	26,265	74,881	9,799	13,363	23,162
1945	135,362	13,941	33,788	47,729	32,081	19,408	51,489	18,794	5,494	24,288	9,170	2,686	11,856
1946	143,451	18,705	43,919	62,624	34,448	19,745	54,193	8,475	3,938	12,413	13,051	1,170	14,221
1947	168,166	22,188	66,283	88,471	27,284	26,944	54,228	13,644	5,115	18,759	5,250	1,458	6,708
1948	332,971	24,227	70,145	94,372	95,522	94,315	189,837	16,198	6,762	22,960	23,257	2,545	25,802
1949	341,522	30,403	58,985	89,388	108,961	96,813	205,774	11,235	8,851	20,086	25,444	830	26,274
1950	480,779	52,352	69,295	121,647	142,671	142,036	284,707	15,617	6,980	22,597	48,371	3,457	51,828
1951	453,078	60,004	88,623	148,627	101,310	145,930	247,240	21,191	6,895	28,086	24,513	4,612	29,125
1952	519,622	68,575	101,503	170,078	116,637	136,209	252,846	25,297	8,061	33,358	55,615	7,725	63,340
1953	710,097	68,956	124,291	193,247	186,653	236,505	423,158	25,470	7,865	33,335	54,137	6,220	60,357
1954	808,210	145,738	138,672	284,410	213,987	199,182	413,169	29,543	18,431	47,974	59,473	3,184	62,657
1955	779,304	113,112	123,754	236,866	280,644	206,480	487,124	1,163	3,510	4,673	45,760	4,881	50,641
1956	886,235	95,234	132,655	227,889	307,565	273,180	580,745	1,810	5,826	7,636	63,876	6,089	69,965
1957	1,138,356	98,219	150,172	248,391	467,151	324,375	791,526	1,672	5,521	7,193	81,444	9,802	91,246
1958	1,532,734	108,381	160,568	268,949	591,123	503,666	1,094,789	2,208	5,557	7,765	152,058	9,173	161,231
1959	2,116,691	106,108	159,636	265,744	834,141	823,770	1,657,911	3,582	10,588	14,170	165,230	13,636	178,866
1960	2,100,019	110,449	178,496	288,945	824,954	759,421	1,584,375	3,126	11,835	14,961	189,870	21,868	211,738
1961	1,760,662	109,395	172,271	281,666	661,245	563,012	1,224,257	2,844	16,637	19,481	212,216	23,042	235,258
1962	1,365,783	87,992	162,740	250,732	403,157	431,075	834,232	2,141	26,062	28,203	219,715	32,901	252,616
1963	1,325,334	84,619	163,232	247,851	439,930	378,042	817,972	5,877	32,576	38,453	182,563	38,495	221,058
1964	1,312,686	81,926	164,924	246,850	448,523	327,586	776,109	2,897	40,513	43,410	208,463	37,854	246,317
1965	1,285,330	81,603	165,245	246,848	441,303	285,027	726,330	5,479	61,999	67,478	208,695	35,979	244,674
1966	1,280,826	98,975	142,625	241,600	443,237	273,036	716,273	4,945	66,888	71,833	209,464	41,656	251,120
1967	1,372,773	100,118	126,415	226,533	484,369	300,507	784,876	3,968	63,754	67,722	247,482	46,160	293,642
1968	1,438,609	101,152	156,656	257,808	475,413	339,114	814,527	4,770	67,313	72,083	239,583	54,608	294,191
1969	1,431,311	100,281	130,553	230,834	455,244	369,762	825,006	2,929	72,062	74,991	250,464	50,016	300,480

Table 43. (cont.) Average annual area of timberland planted in the United States by region and subregion, 1928-2011^a.

Year	Total all regions	North-east	North Central	Total North	South-east	South Central	Total South	Great Plains	Inter-mountain	Total Rocky Mountain	Pacific North-west	Pacific South-west	Total Pacific Coast
Acres													
1970	1,576,672	87,689	115,509	203,198	442,550	498,804	941,354	3,288	72,797	76,085	297,512	58,523	356,035
1971	1,667,093	89,982	154,974	244,956	519,075	505,075	1,024,150	4,636	82,956	87,592	254,289	56,106	310,395
1972	1,646,325	80,370	125,379	205,749	516,809	497,472	1,014,281	3,957	67,603	71,560	291,183	63,552	354,735
1973	1,720,141	64,521	118,229	182,750	480,748	570,050	1,050,798	12,923	79,260	92,183	328,810	65,600	394,410
1974	1,575,667	55,956	108,908	164,864	516,286	520,266	1,036,552	4,276	63,436	67,712	261,001	45,538	306,539
1975	1,900,003	52,255	111,033	163,288	630,908	638,461	1,269,369	4,531	72,899	77,430	332,539	57,377	389,916
1976	1,858,877	60,642	103,030	163,672	574,219	616,103	1,190,322	3,255	75,274	78,529	360,774	65,580	426,354
1977	1,942,863	35,422	100,396	135,818	614,872	705,271	1,320,143	5,143	56,493	61,636	341,874	83,392	425,266
1978	2,087,889	86,456	139,985	226,441	636,227	619,142	1,255,369	12,238	73,770	86,008	410,062	110,009	520,071
1979	2,060,208	60,721	117,227	177,948	526,058	741,937	1,267,995	17,791	96,286	114,077	376,178	124,010	500,188
1980	2,262,080	43,560	128,575	172,135	705,798	784,452	1,490,250	16,044	118,852	134,896	356,410	108,389	464,799
1981	1,926,122	99,683	96,849	196,532	616,014	571,661	1,187,675	9,175	108,941	118,116	337,100	86,699	423,799
1982	2,374,207	41,171	95,159	136,330	730,574	974,935	1,705,509	14,052	100,843	114,895	347,695	69,778	417,473
1983	2,452,598	37,310	135,531	172,841	855,030	957,850	1,812,880	8,294	84,808	93,102	314,156	59,619	373,775
1984	2,552,375	36,624	129,731	166,355	949,646	907,175	1,856,821	13,531	96,839	110,370	360,413	58,416	418,829
1985	2,694,727	43,653	114,781	158,434	1,065,054	963,755	2,028,809	13,941	82,003	95,944	354,465	57,075	411,540
1986	2,752,544	31,054	106,247	137,301	1,110,364	1,004,091	2,114,455	13,634	79,883	93,517	350,375	56,896	407,271
1987	3,032,398	30,814	107,464	138,278	1,304,773	1,186,539	2,491,312	13,289	77,541	90,830	247,259	64,719	311,978
1988	3,393,841	31,037	109,533	140,570	1,387,581	1,327,647	2,715,228	14,733	69,586	84,319	376,114	77,610	453,724
1989	3,021,110	32,789	98,134	130,923	1,228,674	1,077,265	2,305,939	14,138	85,041	99,179	394,802	90,267	485,069
1990	2,861,642	32,078	135,846	167,924	990,806	1,036,812	2,027,618	23,787	89,500	113,287	461,598	91,215	552,813
1991	2,557,948	27,249	117,733	144,982	834,096	925,395	1,759,491	19,984	100,368	120,352	433,102	100,021	533,123
1992	2,544,311	34,194	119,362	153,556	834,353	956,152	1,790,505	21,068	109,619	130,687	389,650	79,913	469,563
1993	2,419,271	27,095	117,195	144,290	820,509	898,352	1,718,861	19,661	104,217	123,878	360,401	71,841	432,242
1994	2,477,012	25,472	100,507	125,979	916,257	887,792	1,804,049	16,066	105,177	121,243	355,837	69,904	425,741
1995	2,421,401	26,112	103,982	130,094	811,506	878,035	1,689,541	19,975	102,069	122,044	411,840	67,882	479,722
1996	2,406,455	30,739	112,897	143,636	933,361	906,101	1,839,462	20,316	93,212	113,528	279,254	30,575	309,829
1997	2,637,508	30,727	79,500	110,227	959,996	1,110,853	2,070,849	12,389	70,494	82,883	295,247	78,302	373,549
1998	2,651,538	29,869	93,165	123,034	1,018,613	1,081,617	2,100,230	12,266	68,690	80,955	283,410	63,910	347,320
1999	2,664,317	29,010	106,830	135,840	1,077,230	1,052,380	2,129,610	12,142	65,634	77,776	271,573	49,518	321,091
2000	3,185,268	45,481	128,883	174,364	1,434,085	1,337,365	2,771,450	24,424	57,226	81,650	127,730	30,074	157,804
2001	3,127,333	28,591	106,497	135,088	1,350,140	1,231,740	2,581,880	28,909	52,542	81,451	267,718	61,196	328,914
2002	2,979,641	44,428	162,611	207,039	1,303,158	1,154,744	2,457,902	29,447	34,649	64,096	232,062	18,542	250,604
2003	2,779,650	11,939	118,736	130,675	1,246,136	1,043,963	2,290,099	9,276	64,636	73,912	261,919	23,045	284,964
2004	-	-	-	-	1,059,948	952,894	2,012,841	-	-	-	-	-	-
2005	-	-	-	-	1,094,298	1,026,916	2,121,215	-	-	-	-	-	-
2006	-	-	-	-	940,033	969,960	1,909,993	-	-	-	-	-	-

Table 43. (cont.) Average annual area of timberland planted in the United States by region and subregion, 1928-2011^a.

Year	Total all regions	North-east	North Central	Total North	South-east	South Central	Total South	Great Plains	Inter-mountain	Total Rocky Mountain	Pacific North-west	Pacific South-west	Total Pacific Coast
<i>Acres</i>													
2007	-	-	-	-	1,049,796	925,504	1,975,300	-	-	-	-	-	-
2008	-	-	-	-	1,022,131	902,000	1,924,131	-	-	-	-	-	-
2009	-	-	-	-	950,040	877,051	1,827,091	-	-	-	-	-	-
2010	-	-	-	-	756,376	727,925	1,484,302	-	-	-	-	-	-
2011	2,097,817	20,884	105,215	126,099	833,435	679,956	1,513,391	11,889	14,875	26,764	405,520	26,043	431,563

- = data not available.

^a Data from Forest Service, State and Private Forestry *Tree Planters'* Notes. This data reflects only acres planted which includes replanting of acres of previous plantings harvested and does not reflect all forest regeneration in the United States. Most regeneration in the United States is by natural means including natural seeding, stump sprouts, or root sprouts from existing trees.

Table 44. Number of live trees on timberland in the United States by subregion, species group, and diameter class, 1977 and 2012^a.

Subregion	Year	Species group	Diameter class (inches)												All classes
			1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0+	
<i>Million trees</i>															
Northeast	1977	Softwoods	8,329	4,603	2,448	1,267	630	304	139	68	32	15	14	2	17,851
	1977	Hardwoods	18,094	8,560	4,267	2,402	1,343	744	406	215	114	61	60	10	36,275
	1977	All Species	26,424	13,162	6,714	3,670	1,973	1,047	546	283	146	76	74	12	54,127
	2012	Softwoods	12,879	3,315	1,463	880	546	344	210	121	69	41	48	6	19,922
	2012	Hardwoods	23,415	6,954	3,220	2,144	1,503	1,035	671	418	237	132	148	19	39,897
	2012	All Species	36,294	10,269	4,683	3,025	2,050	1,379	881	539	306	173	195	25	59,819
North Central	1977	Softwoods	5,063	2,851	1,465	663	273	114	53	27	14	7	7	0	10,537
	1977	Hardwoods	17,377	7,570	3,860	2,147	1,201	643	367	195	101	53	57	6	33,577
	1977	All Species	22,440	10,421	5,325	2,809	1,474	757	420	222	114	60	63	7	44,114
	2012	Softwoods	6,990	2,898	1,456	831	442	225	115	60	32	17	19	2	13,088
	2012	Hardwoods	24,399	7,445	3,468	2,203	1,455	943	608	378	223	126	156	24	41,428
	2012	All Species	31,389	10,343	4,925	3,035	1,897	1,168	723	437	255	143	176	26	54,516
Southeast	1977	Softwoods	8,625	5,219	2,812	1,511	817	436	227	110	47	21	16	1	19,842
	1977	Hardwoods	31,283	8,852	3,276	1,679	950	563	337	193	106	57	66	9	47,368
	1977	All Species	39,907	14,071	6,088	3,190	1,766	999	564	303	153	78	82	10	67,210
	2012	Softwoods	6,437	3,854	2,751	1,720	941	515	277	142	72	35	35	3	16,781
	2012	Hardwoods	28,041	6,890	2,687	1,512	963	642	435	290	180	108	136	20	41,904
	2012	All Species	34,478	10,744	5,438	3,232	1,904	1,157	712	432	251	143	170	23	58,685
South Central	1977	Softwoods	8,632	4,655	2,391	1,392	811	479	266	140	70	34	28	2	18,898
	1977	Hardwoods	41,716	12,686	4,654	2,327	1,364	811	500	298	162	88	105	14	64,726
	1977	All Species	50,347	17,341	7,045	3,718	2,175	1,290	766	439	232	121	133	16	83,624
	2012	Softwoods	7,200	4,140	2,736	1,740	935	522	305	166	91	50	53	6	17,943
	2012	Hardwoods	39,673	9,619	3,885	2,229	1,386	921	632	402	254	157	198	29	59,386
	2012	All Species	46,873	13,759	6,620	3,969	2,321	1,442	937	568	345	207	251	35	77,329
Great Plains	1977	Softwoods	301	155	92	59	37	22	12	6	3	1	1	0	690
	1977	Hardwoods	412	247	145	77	43	26	16	10	6	4	6	1	994
	1977	All Species	713	402	238	136	80	47	28	16	9	5	7	1	1,684
	2012	Softwoods	274	125	78	66	45	28	17	9	5	2	2	0	651
	2012	Hardwoods	556	263	160	105	66	41	27	17	11	7	11	4	1,266
	2012	All Species	830	388	238	170	111	69	44	26	16	9	12	4	1,917
Intermountain	1977	Softwoods	9,600	5,671	3,580	2,191	1,290	745	445	265	165	103	154	31	24,240
	1977	Hardwoods	1,447	961	672	324	154	64	30	15	7	4	4	0	3,683
	1977	All Species	11,046	6,633	4,252	2,515	1,444	808	475	280	172	107	158	31	27,923
	2012	Softwoods	10,010	4,837	3,084	2,175	1,415	896	561	353	220	130	192	35	23,908
	2012	Hardwoods	2,423	804	472	325	201	107	50	21	10	5	5	1	4,424
	2012	All Species	12,433	5,641	3,556	2,501	1,616	1,003	611	374	230	135	196	36	28,331

Table 44. (cont.) Number of live trees on timberland in the United States by subregion, species group, and diameter class, 1977 and 2012^a.

Subregion	Year	Species group	Diameter class (inches)												All classes
			1.0-2.9	3.0-4.9	5.0-6.9	7.0-8.9	9.0-10.9	11.0-12.9	13.0-14.9	15.0-16.9	17.0-18.9	19.0-20.9	21.0-28.9	29.0+	
<i>Million trees</i>															
Pacific Northwest	1977	Softwoods	11,369	5,406	2,389	1,502	985	676	479	359	273	206	476	328	24,449
	1977	Hardwoods	3,060	1,628	592	353	208	114	66	39	23	14	19	4	6,120
	1977	All Species	14,429	7,034	2,981	1,854	1,194	790	545	399	296	220	496	333	30,569
	2012	Softwoods	6,877	2,764	1,757	1,276	928	659	463	327	225	162	314	148	15,900
	2012	Hardwoods	1,277	508	311	203	128	87	53	34	21	13	17	3	2,654
	2012	All Species	8,154	3,272	2,068	1,479	1,056	746	516	361	246	175	330	151	18,554
Pacific Southwest	1977	Softwoods	2,745	1,382	416	257	176	197	97	72	52	40	92	61	5,588
	1977	Hardwoods	1,233	526	200	117	66	41	26	16	11	8	13	4	2,262
	1977	All Species	3,978	1,908	616	374	242	238	123	89	63	49	106	64	7,850
	2012	Softwoods	1,729	778	487	342	253	184	139	102	81	59	120	71	4,344
	2012	Hardwoods	1,478	497	312	192	117	73	42	27	18	12	19	4	2,792
	2012	All Species	3,208	1,274	798	534	370	257	180	130	99	71	139	76	7,136
U.S. Total	1977	Softwoods	54,665	29,942	15,593	8,840	5,019	2,973	1,718	1,048	656	426	788	426	122,094
	1977	Hardwoods	114,621	41,030	17,666	9,426	5,329	3,005	1,748	982	530	289	331	48	195,006
	1977	All Species	169,285	70,972	33,259	18,267	10,348	5,978	3,467	2,030	1,186	716	1,119	474	317,101
	2012	Softwoods	52,396	22,710	13,811	9,030	5,505	3,372	2,087	1,279	795	497	782	271	112,536
	2012	Hardwoods	121,262	32,980	14,514	8,915	5,820	3,850	2,517	1,588	953	559	689	105	193,752
	2012	All Species	173,659	55,690	28,326	17,945	11,325	7,222	4,605	2,867	1,748	1,056	1,471	376	306,288

^a Excludes interior Alaska.

Table 45. Reserved and roadless forest land area in the United States by major region and forest-type group, 2012^a.

Forest-type group	All regions			North		South		Rocky Mountain		Pacific Coast	
	Grand total	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest
<i>Thousand acres</i>											
White-red-jack pine	438	405	33	387	18	18	15	n/a	n/a	n/a	n/a
Spruce-fir	1,065	922	142	907	133	16	9	n/a	n/a	n/a	n/a
Longleaf-slash pine	231	200	31	–	–	200	31	n/a	n/a	n/a	n/a
Loblolly-shortleaf pine	312	279	32	64	3	215	29	n/a	n/a	n/a	n/a
Oak-pine	381	316	65	48	5	268	61	n/a	n/a	n/a	n/a
Oak-hickory	2,855	2,218	637	784	82	1,434	555	n/a	n/a	n/a	n/a
Oak-gum-cypress	1,334	1,275	58	385	31	890	27	n/a	n/a	n/a	n/a
Elm-ash-cottonwood	316	306	10	199	5	107	6	n/a	n/a	n/a	n/a
Maple-beech-birch	3,336	3,120	217	2,926	181	194	35	n/a	n/a	n/a	n/a
Aspen-birch	785	707	77	707	77	–	–	n/a	n/a	n/a	n/a
Other eastern types	389	370	19	106	19	263	–	n/a	n/a	n/a	n/a
Eastern nonstocked	76	76	–	30	–	46	–	n/a	n/a	n/a	n/a
Total East	11,517	10,194	1,322	6,544	554	3,650	768	n/a	n/a	n/a	n/a
Douglas-fir	9,202	3,615	5,587	n/a	n/a	n/a	n/a	2,058	4,532	1,558	1,055
Ponderosa pine	2,303	1,241	1,062	n/a	n/a	n/a	n/a	819	772	422	289
Western white pine	250	174	76	n/a	n/a	n/a	n/a	70	39	104	37
Fir-spruce	16,692	9,000	7,693	n/a	n/a	n/a	n/a	5,995	6,759	3,004	934
Hemlock-Sitka spruce	6,552	5,795	757	n/a	n/a	n/a	n/a	41	364	5,754	393
Larch	1,018	723	295	n/a	n/a	n/a	n/a	49	103	674	192
Lodgepole pine	7,260	3,547	3,713	n/a	n/a	n/a	n/a	3,122	3,412	424	301
Redwood	117	117	–	n/a	n/a	n/a	n/a	–	–	117	–
Other western softwoods	34,260	31,500	2,760	n/a	n/a	n/a	n/a	1,018	1,288	30,482	1,472
Western hardwoods	7,108	3,261	3,847	n/a	n/a	n/a	n/a	1,051	2,913	2,210	934
Pinyon-juniper	5,739	2,509	3,230	n/a	n/a	n/a	n/a	1,835	2,774	674	456
Other western types	3	3	–	n/a	n/a	n/a	n/a	3	–	–	–
Western nonstocked	3,333	1,841	1,492	n/a	n/a	n/a	n/a	1,489	1,253	352	239
Total West	93,838	63,326	30,513	n/a	n/a	n/a	n/a	17,550	24,210	45,775	6,303
Grand Total	105,355	73,520	31,835	6,544	554	3,650	768	17,550	24,210	45,775	6,303

^a The values presented include only roadless areas within Forest Service ownership in the coterminous United States.

Table 46. Reserved and roadless forest land area in the United States by major region and stand-age class, 2012^a.

Stand-age class	All Regions			North		South		Rocky Mountain		Pacific Coast	
	Grand total	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest	Reserved forest	Roadless forest
<i>Thousand acres</i>											
0 to 19	8,692	4,973	3,719	174	17	286	16	3,711	3,148	802	537
20 to 39	3,231	1,979	1,252	231	16	404	29	814	–	530	1,207
40 to 59	4,216	2,910	1,306	850	63	737	72	512	0	810	1,171
60 to 79	9,375	5,557	3,818	1,833	170	1,097	276	1,131	25	1,496	3,347
80 to 99	11,375	6,310	5,065	2,119	246	797	254	1,859	6	1,535	4,560
100 to 149	17,671	9,174	8,497	1,229	40	324	121	4,375	6	3,246	8,330
150 to 199	9,526	5,543	3,983	88	3	6	–	3,087	–	2,362	3,980
200 and older	11,205	7,940	3,265	18	–	–	–	1,999	–	5,923	3,265
Undetermined	30,065	29,135	930	1	–	–	–	–	–	29,134	930
Grand Total	105,355	73,520	31,835	6,544	554	3,650	768	17,488	3,186	45,838	27,327

^a The values presented include only roadless areas within Forest Service ownership in the coterminous United States.

Table 47. Urban land as a percent of all land and urban percent growth (1990-2000) by region within the lower 48 States of the United States.

Region	Urban land 2000	Increase in percent urban land 1990-2000	Percent increase in urban land 1990-2000	Urban land area growth 1990-2000
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Acres</i>
Northeast	9.7	1.5	18.8	2,006,452
Southeast	7.5	1.8	33.0	2,829,295
North Central	4.2	0.7	19.0	1,953,326
South Central	2.8	0.5	23.2	2,078,605
Great Plains	0.5	0.1	17.7	157,403
Rocky Mountains	0.7	0.2	33.2	920,942
Pacific Northwest ^a	1.9	0.4	24.2	394,866
Pacific Southwest ^b	5.0	0.7	17.0	737,346
Total	3.1	0.6	23.0	11,078,234

^a Data for Alaska unavailable.

^b Data for Hawaii unavailable.

Source: Nowak, D.J.; Walton, J.T.; Dwyer, J.F.[et al.]. 2005. The increasing influence of urban environments on U.S. forest management. *Journal of Forestry*. 103(8): 377-382.

Table 48. Estimated regional carbon storage and gross annual sequestration, including percent urban tree cover, amount of urban land, and proportion of region in urban land, 2005.

Region	Carbon storage in urban trees		Gross carbon sequestration		Average tree cover on urban land
	<i>Tons</i>	<i>Tons/acre</i>	<i>Tons/year</i>	<i>Tons/acre/year</i>	<i>Percent</i>
Northeast	228,490,000	15.1	7,600,000	0.50	33.2
Southeast	164,600,000	14.6	7,920,000	0.70	33.0
South Central	131,540,000	12.0	5,930,000	0.54	24.1
North Central	93,680,000	9.9	3,020,000	0.32	33.7
Great Plains	8,320,000	8.0	290,000	0.28	19.2
Rocky Mountain	18,560,000	5.0	620,000	0.17	17.4
Pacific Northwest ^a	24,150,000	12.1	790,000	0.39	32.7
Pacific Southwest ^b	34,630,000	6.8	1,750,000	0.35	10.9
U.S. Total^c	703,970,000	11.2	27,920,000	0.48	27.1

^a Data for Alaska unavailable.

^b Data for Hawaii unavailable.

^c U.S. total includes the District of Columbia and 121,573 acres that crossed State borders and could not be assigned to an individual State, but does not include Alaska and Hawaii.

Source: Nowak, D.J.; Crane, D.E. 2002. Carbon storage and sequestration by urban trees in the USA. *Environmental Pollution*.116(3): 381-389.

Table 49. Area burned and number of fires in the United States, 1960-2011.

Year	Area burned	Fires
	<i>Acres</i>	<i>Number</i>
2011	8,711,367	74,126
2010	3,422,724	71,971
2009	5,921,786	78,792
2008	5,292,468	78,949
2007	9,328,045	85,705
2006	9,873,745	96,385
2005	8,689,389	66,753
2004	8,097,880	65,461
2003	3,960,842	63,629
2002	7,184,712	73,457
2001	3,570,911	84,079
2000	7,393,493	92,250
1999	5,626,093	92,487
1998	2,329,704	81,043
1997	2,856,959	66,196
1996	6,065,998	96,363
1995	1,840,546	82,234
1994	4,073,579	79,107
1993	1,797,574	58,810
1992	2,069,929	87,394
1991	2,953,578	75,754
1990	5,452,874	122,763
1989	3,264,126	121,714
1988	7,398,888	154,573
1987	4,152,561	143,877
1986	3,308,095	139,980

Year	Area burned	Fires
	<i>Acres</i>	<i>Number</i>
1985	4,434,736	133,840
1984	2,266,106	118,636
1983	5,080,553	161,649
1982	2,382,036	174,755
1981	4,814,206	249,370
1980	5,260,825	234,892
1979	2,986,826	163,196
1978	3,910,913	218,842
1977	3,152,644	173,998
1976	5,109,926	241,699
1975	1,791,327	134,872
1974	2,879,095	145,868
1973	1,915,273	117,957
1972	2,641,166	124,554
1971	4,278,472	108,398
1970	3,278,565	121,736
1969	6,689,081	113,273
1968	4,231,996	125,075
1967	4,658,586	125,301
1966	4,574,389	122,174
1965	2,652,122	113,976
1964	4,197,309	117,230
1963	7,120,768	165,430
1962	4,078,894	116,418
1961	3,036,219	99,554
1960	4,478,188	104,120

Source: National Interagency Fire Center, Boise ID.
<http://www.nifc.gov/stats/index.html>

Table 50. Caribbean and Pacific Islands population, land area, population per square mile, forest area, percent forest cover, and date of latest forest inventory.

Region and Island group	Population	Land area	Population per square mile	Forest area	Percent forest cover	Number of field plots	Inventory date
	<i>Persons</i>	<i>Acres</i>	<i>Persons</i>	<i>Acres</i>			
Caribbean^a							
Puerto Rico	3,808,610	2,191,815	1,112	1,260,625	57	287	2003
U.S. Virgin Islands	108,612	85,590	812	52,478	61	48	2004
Pacific^b							
American Samoa	57,663	48,434	762	43,631	90	26	2001
Guam	173,456	135,660	818	63,833	47	71	2002
Republic of Palau	21,032	110,028	122	90,685	82	63	2003
Commonwealth of the Northern Mariana Islands ^c	51,395	75,407	436	50,218	67	38	2004
Federated States of Micronesia	106,487	161,917	421	143,466	89	79	2005
Republic of the Marshall Islands	68,480	33,120	1,323	23,252	70	58	2006
Hawaii ^{a,d}	1,360,301	4,141,469	210	1,990,000	48	685	1980s
Islands Total	5,756,036	6,983,440	519	3,718,188	67	1,355	

^a Population figures are from the 2000 U.S. Census.

^b Population figures are from the Central Intelligence Agency World Fact Book, 2007.

^c Area figures are preliminary estimates based on satellite imagery.

^d Area figures are from RPA 2002.

Table 51. Number of live trees on the Caribbean and Pacific Islands by diameter class.

Region and Island group	Total	Diameter class (inches)					
		1.0-4.9	5.0-8.9	9.0-12.9	13.0-16.9	17.0-20.9	21.0+
<i>Thousand trees</i>							
Caribbean							
Puerto Rico	1,183,006	1,079,699	70,243	21,339	6,571	2,767	2,387
U.S. Virgin Islands	70,775	69,288	1,162	233	49	20	23
Pacific							
American Samoa	17,905	11,445	3,944	1,555	565	212	184
Guam	76,771	66,799	7,558	1,800	454	102	58
Republic of Palau	94,598	74,114	14,105	3,778	1,374	539	688
Commonwealth of the Northern Mariana Islands	89,750	83,810	5,018	618	188	58	57
Federated States of Micronesia	94,125	66,890	15,113	7,571	1,984	967	1,600
Republic of the Marshall Islands	12,430	8,742	1,580	1,229	758	90	27
Hawaii	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Islands Total	1,639,360	1,460,787	118,723	38,123	11,943	4,755	5,024

Table 52. Caribbean and Pacific Islands growing-stock volume by diameter class.

Region and Island group	Total	Diameter class (inches)					
		1.0-4.9	5.0-8.9	9.0-12.9	13.0-16.9	17.0-20.9	21.0+
<i>Thousand cubic feet</i>							
Caribbean							
Puerto Rico	370,842	75,718	114,625	70,735	64,353	22,682	22,729
U.S. Virgin Islands	1,083	544	471	68	0	0	0
Pacific							
American Samoa	72,291	5,592	16,850	17,860	11,505	6,296	14,189
Guam	91,375	31,438	24,827	19,863	8,521	3,726	3,001
Republic of Palau	302,386	34,366	65,404	54,915	39,078	26,054	82,571
Commonwealth of the Northern Mariana Islands	66,520	31,592	16,892	6,429	4,445	2,119	5,043
Federated States of Micronesia	609,383	32,261	67,867	128,682	69,559	59,034	251,980
Republic of the Marshall Islands	56,064	1,373	7,487	19,232	21,217	3,852	2,903
Hawaii	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Islands Total	1,569,944	212,884	314,423	317,784	218,678	123,763	382,416

Table 53. Caribbean and Pacific Islands aboveground live-tree biomass by diameter class.

Region and Island group	Total	Diameter class (inches)					
		1.0-4.9	5.0-8.9	9.0-12.9	13.0-16.9	17.0-20.9	21.0+
<i>Thousand dry tons</i>							
Caribbean							
Puerto Rico	34,084	9,661	7,156	6,045	3,436	2,567	5,218
U.S. Virgin Islands	713	508	99	44	21	12	28
Pacific^a							
American Samoa	1,101	51	282	265	171	95	237
Guam	1,008	8	417	336	142	59	47
Republic of Palau	5,259	573	1,117	953	683	439	1,495
Commonwealth of the Northern Mariana Islands	540	258	133	55	42	15	37
Federated States of Micronesia	10,156	1,165	1,081	2,029	1,095	928	3,858
Republic of the Marshall Islands	1,194	351	117	300	331	60	35
Hawaii	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Islands Total	54,055	12,575	10,402	10,027	5,921	4,175	10,955

^a Estimated aboveground dry stem weight biomass.

Table 54. Area and number of owners of private forest in the United States by region, subregion, and State, 2006.

Region, subregion, and State	Acres	Sampling error	Owners	Sampling error
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
North				
Northeast				
Connecticut	1,383	7.4	108	21.7
Delaware	351	11.6	55	57.1
Maine	16,575	1.3	252	13.1
Maryland	1,957	4.8	157	24.5
Massachusetts	2,179	5.8	293	18.8
New Hampshire	3,646	3.8	128	23.8
New Jersey	1,322	5.7	122	28.1
New York	14,438	1.9	687	12.9
Pennsylvania	11,738	1.7	497	6.8
Rhode Island	303	10.8	38	29.8
Vermont	3,864	2.7	88	19.2
West Virginia	10,418	1.6	251	22.4
Northeast Total	68,175	0.7	2,677	5.5
North Central				
Illinois	3,730	3.6	184	13.3
Indiana	3,888	3.2	225	10.8
Iowa	2,552	4.5	150	17.6
Michigan	12,117	1.2	498	9.1
Minnesota	7,114	1.8	202	8.5
Missouri	12,393	1.6	359	7.2
Ohio	6,973	2.6	345	10.0
Wisconsin	11,117	1.2	362	6.8
North Central Total	59,885	0.7	2,325	3.5
North Total	128,060	0.5	5,002	3.4
South				
Southeast				
Florida	11,427	2.4	509	22.6
Georgia	22,440	1.1	524	10.9
North Carolina	15,497	1.9	525	12.1
South Carolina	11,189	1.8	301	13.9
Virginia	13,000	1.2	410	13.3
Southeast Total	73,553	0.7	2,269	7.0

Table 54. (cont.) Area and number of owners of private forest in the United States by region, subregion, and State, 2006.

Region, subregion, and State	Acres	Sampling error	Owners	Sampling error
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
South Central				
Alabama	21,264	1.1	412	11.5
Arkansas	15,156	1.4	346	22.7
Kentucky	10,647	1.6	473	14.5
Louisiana	12,512	1.8	131	17.9
Mississippi	17,320	1.3	370	48.6
Oklahoma	7,000	2.8	71	13.9
Tennessee	12,310	1.6	534	11.6
Texas	16,204	1.2	354	12.0
South Central Total	112,412	0.6	2,690	9.8
South Total	185,965	0.4	4,960	5.4
Rocky Mountain				
Great Plains				
Kansas	1,994	5.1	103	18.9
Nebraska	1,092	7.2	57	33.1
North Dakota	510	10.7	24	48.6
South Dakota	492	10.9	12	37.4
Great Plains Total	4,088	3.7	196	15.2
Intermountain				
Arizona	7,381	3.5	45	40.5
Colorado	5,360	5.0	186	39.1
Idaho	2,553	10.2	34	54.6
Montana	7,026	5.1	40	22.9
Nevada	212	36.8	15	64.1
New Mexico	6,331	3.1	81	81.7
Utah	3,013	5.5	66	59.5
Wyoming	1,942	5.4	24	47.5
Intermountain Total	33,819	1.8	491	22.5
Rocky Mountain Total	37,906	1.7	687	16.7
Pacific Coast				
Alaska				
Alaska	35,875	2.5	82	89.3
Alaska Total	35,875	2.5	82	89.3

Table 54. (cont.) Area and number of owners of private forest in the United States by region, subregion, and State, 2006.

Region, subregion, and State	Acres	Sampling error	Owners	Sampling error
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Pacific Northwest				
Oregon	11,059	2.6	149	16.8
Washington	9,806	3.0	215	18.9
Pacific Northwest Total	20,864	2.0	364	13.1
Pacific Southwest				
California	13,202	2.4	202	19.1
Hawaii	1,155	0.2	25	53.5
Pacific Southwest Total	14,357	2.2	227	18.0
Pacific Coast Total	71,097	1.5	673	14.3
U.S. Total	423,029	0.4	11,322	3.1

Table 55. Area and number of owners of private forest in the United States by size of forest landholdings and region, 2006.

Region	Size of forest landholdings	Area		Ownerships	
		Acres	Sampling error	Number	Sampling error
		<i>Acres</i>	<i>Thousands</i>	<i>Percentage</i>	<i>Thousands</i>
North					
	1-9	9,183	7.2	3,040	5.6
	10-19	8,344	7.8	671	4.4
	20-49	20,391	3.7	713	3.1
	50-99	21,580	3.8	335	3.0
	100-199	18,890	4.2	156	3.1
	200-499	15,726	5.3	64	4.2
	500-999	6,190	10.8	12	10.9
	1,000-4,999	6,658	10.8	6	18.9
	5,000-9,999	1,588	28.7	<1	33.3
	10,000+	19,509	3.3	6	69.2
	Total	128,060	0.5	5,002	3.4
South^a					
	1-9	8,303	9.8	2,909	9.5
	10-19	8,301	9.3	669	6.1
	20-49	17,159	5.2	590	4.1
	50-99	19,150	4.9	297	3.9
	100-199	20,350	5.2	180	9.3
	200-499	24,972	4.5	98	6.2
	500-999	14,009	7.2	25	7.2
	1,000-4,999	21,649	5.4	14	5.7
	5,000-9,999	5,573	15.4	1	11.7
	10,000+	39,081	2.5	2	56.8
	Total	178,547	0.4	4,786	5.7
Rocky Mountain^b					
	1-9	1,436	43.6	451	25.3
	10-19	648	62.0	54	24.1
	20-49	2,940	22.9	94	15.1
	50-99	1,798	28.3	28	13.8
	100-199	2,479	23.5	21	14.4
	200-499	3,903	20.0	14	15.8
	500-999	3,353	24.1	5	18.2
	1,000-4,999	9,014	17.0	4	14.2
	5,000-9,999	4,005	36.4	1	35.7
	10,000+	8,118	19.0	<1	26.9
	Total	37,694	1.8	672	17.0

Table 55. (cont.) Area and number of owners of private forest in the United States by size of forest landholdings and region, 2006.

Region	Size of forest landholdings	Area		Ownerships	
		Acres	Sampling error	Number	Sampling error
		<i>Acres</i>	<i>Thousands</i>	<i>Percentage</i>	<i>Thousands</i>
Pacific Coast^c					
	1-9	1,740	48.3	421	22.4
	10-19	1,182	37.2	102	17.7
	20-49	2,100	22.3	69	12.2
	50-99	1,491	31.2	23	16.1
	100-199	2,050	24.8	16	15.3
	200-499	2,698	19.4	10	13.5
	500-999	2,027	21.4	3	15.9
	1,000-4,999	4,907	11.3	3	27.8
	5,000-9,999	1,511	53.7	<1	29.7
	10,000+	15,909	5.9	<1	27.7
	Total	35,616	2.3	648	14.8
United States^{a, b, c}					
	1-9	20,661	7.2	6,821	5.2
	10-19	18,475	6.3	1,496	3.7
	20-49	42,591	3.4	1,465	2.5
	50-99	44,020	3.2	683	2.4
	100-199	43,770	3.5	372	4.8
	200-499	47,300	3.6	185	3.8
	500-999	25,578	5.9	45	5.4
	1,000-4,999	42,229	5.0	28	6.3
	5,000-9,999	12,677	15.2	2	13.6
	10,000+	82,617	2.6	9	47.9
	Total	379,917	0.4	11,108	3.2

^a Excluding western Texas, and western Oklahoma.

^b Excluding Nevada.

^c Excluding interior Alaska and Hawaii.

Note: Totals may not add due to rounding.

2012 Resource Planning Act (RPA) Forest Resources Assessment DVD

Analysts wishing to duplicate and/or expand upon the results of the 2012 Resource Planning Act (RPA) report "Forest Resources of the United States, 2012" will find a number of pertinent tools on this DVD.

RPA Data Wiz 2012 is easy to use software that allows custom summaries of the 2012 RPA Assessment forest information. This application requires only a minimally configured computer running a Microsoft Windows® operating system. Summary tables, graphs, and choropleth maps can be produced. A number of variables can be analyzed for a variety of population estimates including acreage, biomass, tree counts, and volumes for growing stock, live cull, and dead salvageable on forest and timberland. Volumes for net growth and mortality of growing stock can be estimated for timberland. There are English and metric versions. The RPA 2012 has limited information for Hawaii and Alaska. Removals are not available in this software and the application does not summarize by tree level attributes such as species. Refer to "Chapter 1, Before You Begin" in the RPA Data Wiz Users Guide before trying to install this application. The user's guide is located on this DVD in the Users_Guide directory.

Analyses requiring estimates and associated sampling errors should use the RPAtreeDB (RPA2012_32or64bit.accdb) found in the RPA_Tree_FIADB_Access_Tools directory. The RPAtreeDB can also be used to generate estimates by species or other tree classification variables. The RPAtreeDB can produce estimates of forest area, numbers of trees, volume, and biomass for the United States except for interior Alaska and Hawaii. Microsoft Access 2007 or Microsoft Access 2010 is required to run this database.

Additionally, the FIADB datasets used to produce the 2012 RPA forest resource datasets have been included as comma-delimited files by State in the RPA_Tree_FIADB_Access_Tools directory (e.g., MI.zip). The comma-delimited files are provided primarily for archival purposes but they can be loaded into a Microsoft Access database a copy of which is stored on the accompanying DVD and is named FIADB_version4.accdb. This database currently contains no FIA data but it does have a program that can generate forest estimates with associated sampling errors and another program that facilitates the loading of FIA data. This program

is actually an MS-Access form called "Load a State's FIADB tables" that can be used to load the comma-delimited files for any State into a copy of the FIADB_version4.accdb database. Those needing the most recent FIA data should visit the FIA DataMart at <http://apps.fs.fed.us/fiadb-downloads/datamart.html>.

To run RPA Data Wiz 2012, the computer must have one of the following operating systems:

- Windows 95 or 98
- Windows NT 4.0 (system administrator privileges to install)
- Windows 2000 (system administrator privileges to install; Service Pack 2 or higher)
- Windows XP or Vista (system administrator privileges to install)
- Windows 2007 (system administrator privileges to install)
- Windows 2008 (system administrator privileges to install)

To run RPA Data Wiz 2012, the computer must also have the following:

- CD-ROM or DVD-ROM drive
- Color monitor with 256 or more colors
- Microsoft Internet Explorer Version 5.0 or higher

A minimum of 450 MB of disk space is required for installation of one version or 700 MB for both the English and metric versions.

More space is required for temporary working files during operation of the application. This requirement depends on the operation performed. The application may require another 300+ MB of working space.

The following items are recommendations for RPA Data Wiz 2012, but are not essential:

- Minimum of 200 MB of virtual memory
- Minimum of 512 MB of RAM
- Minimum of a Pentium III processor
- Minimum of a 14 inch computer monitor

