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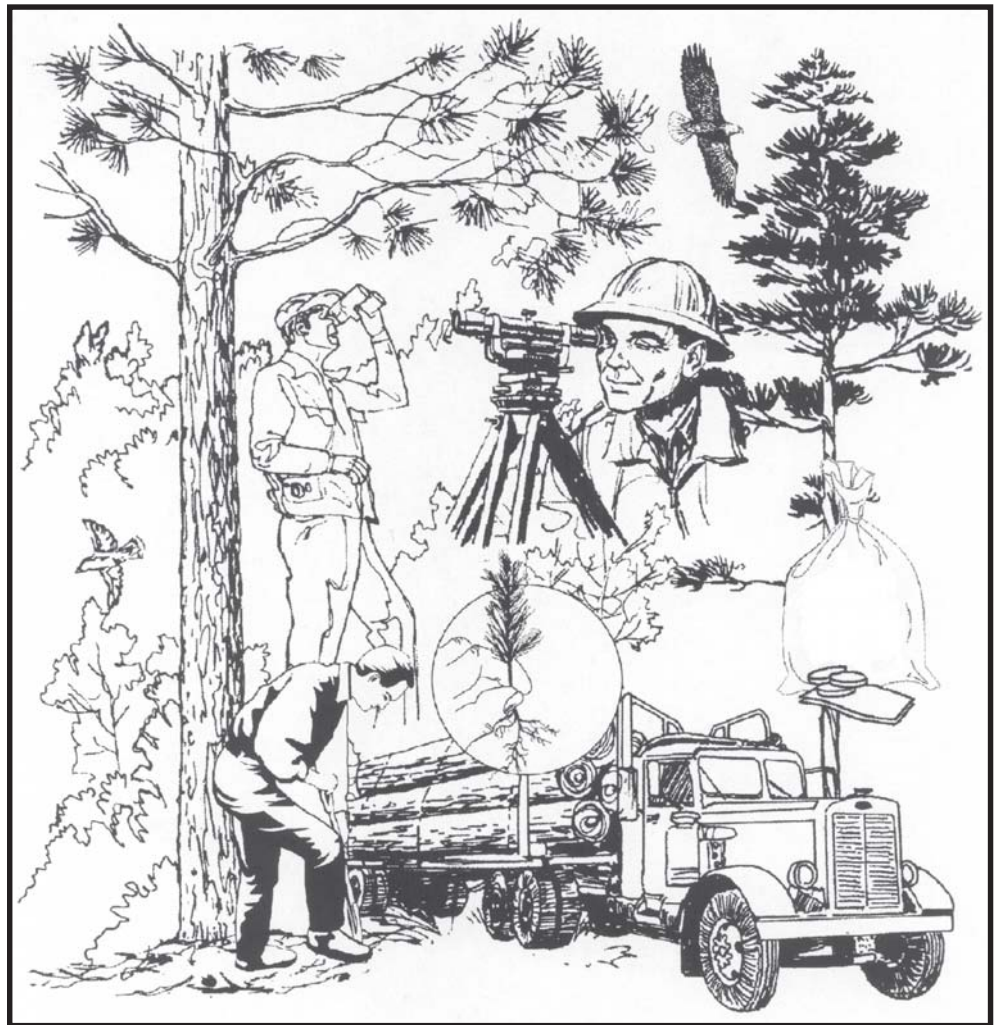
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Estimated Timber Harvest by U.S. Region and Ownership, 1950-2002

Darius M. Adams, Richard W. Haynes, Adam J. Daigneault



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Abstract

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This publication provides estimates of total softwood and hardwood harvests by region and owner for the United States from 1950 to 2002. These data are generally not available in a consistent fashion and have to be estimated from state-level data, forest resource inventory statistics, and production of forest products. This publication describes the estimation process and documents the various assumptions. These estimates have been used for the past three decades in the periodic USDA Forest Service timber assessments.

Keywords: Timber harvest, forest products, timber supply, forest products trade.

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Introduction

Data on timber harvest are fundamental to analyses of timber resource use and timber markets. In simpler resource studies or discussions of sustainability, for example, it is customary to compare harvest and growth as a gauge of “re-source sufficiency” and to explain recent inventory trends. In more complex studies, harvest data are the basis for empirical modeling of timber supply behavior. With the exception of a few states, harvest data are generally not available for most U.S. regions or owners except in the periodic USDA Forest Service timber assessments and forest resource inventory reviews (Powell et al. 1993; Smith et al. 2001, 2004; USDA FS 1958, 1965, 1974, 1982; Waddell et al. 1989). This document reports the results of efforts to generate historical annual estimates of total timber harvest by U.S. region and ownership as part of the Forest Service’s 2000 timber assessment update process (Haynes 2003).

U.S. Timber harvests have increased by nearly one-third over the past 50 years. The following sections describe the methods used to obtain harvest estimates, display some of the primary results from the estimation process for nine forest service assessment regions and four owner classes, and illustrate the results in a series of tables and graphs included in the main paper and the appendix. Estimates cover the period from 1950 to 2002, and the data and methods described here are documented in a set of Excel¹ spreadsheet files available from the Pacific Northwest Research Station.² These spreadsheets, called TCUT, have been used for the past two decades to construct estimates of timber harvest in the United States.

Most of the data are displayed as tables (3 through 19) in the appendix in this document. Some of these data have been published in earlier reports on the data used to estimate various relations used in the timber assessments (Adams et al. 1979, 1988), but this is the first time the estimation process has been documented.

Definitions and Methods

In this analysis, “timber harvest” refers specifically to the narrower term **roundwood supply**: the total volume of wood removed from a forest site for the purposes of conversion to products or direct use by consumers from both

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¹ The use of trade or firm names in this publication is for reader information and does not imply endorsement by the U.S. Department of Agriculture of any product or service.

² For access to the data, contact Darius Adams, Professor, Department of Forest Resources, Oregon State University, Peavy Hall 201, Corvallis, OR 97331.

growing stock and “non-growing stock” sources.³ Estimates in this document include saw and veneer logs for domestic processing; logs of all types for export; logs for conversion to miscellaneous products;⁴ pulpwood and logs for use in pulping and reconstituted panels; and fuelwood. Estimates do not include timber cut but not removed from the site for use, timber excluded from inventory accounting owing to change in land use designation, or logging residues. Note that supply estimates are for volumes harvested arising from any forest land, not just timberland,⁵ that are used as forest products.

The data are divided into the nine **regions** shown in figure 1. These regions are the same as the “Assessment” regions used in the Forest Service’s decennial renewable resource assessments. Note that the regions only include the contiguous states.

Four **ownership categories** are used for calculating total regional timber harvest: (1) **forest industry** including all private land held by owners who are engaged in the processing of logs and timber into products of some type, (2) **nonindustrial private** comprising all remaining private lands not integrated to some form of forest products processing, (3) **national forest**, and (4) **other government** constituting all other lands held by government agencies at any level, including those administered by Native American groups and the Bureau of Indian Affairs. Note that as a result of recent changes in inventory conventions, Native American lands are commonly included in the nonindustrial private group. We employ the earlier convention of including these lands with “other government” to allow the construction of the longest possible historical series.

The basic approach to supply estimation is to use regional reports of product output volumes and convert them to their roundwood or log equivalents, then apportion these regional volumes to owners. Methods differ slightly for softwoods and hardwoods and are explained in detail below. The main differences are based on the various forms of regional data available for hardwoods and softwoods.

³ Growing stock is a classification of timber inventory that includes live trees of commercial species meeting specific standards of vigor and quality. Cull trees are excluded. When associated with volume, only trees 5.0 in diameter at breast height (d.b.h.) and larger are included.

⁴ Miscellaneous products include posts, poles, pilings, shingles, etc.

⁵ Forest land is at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated, and includes transition zones and afforested areas. Timberland is defined as forest land that is producing or capable of producing crops of industrial wood in excess of 20 ft³ per acre per year and not withdrawn from timber use by statute or administrative regulation.

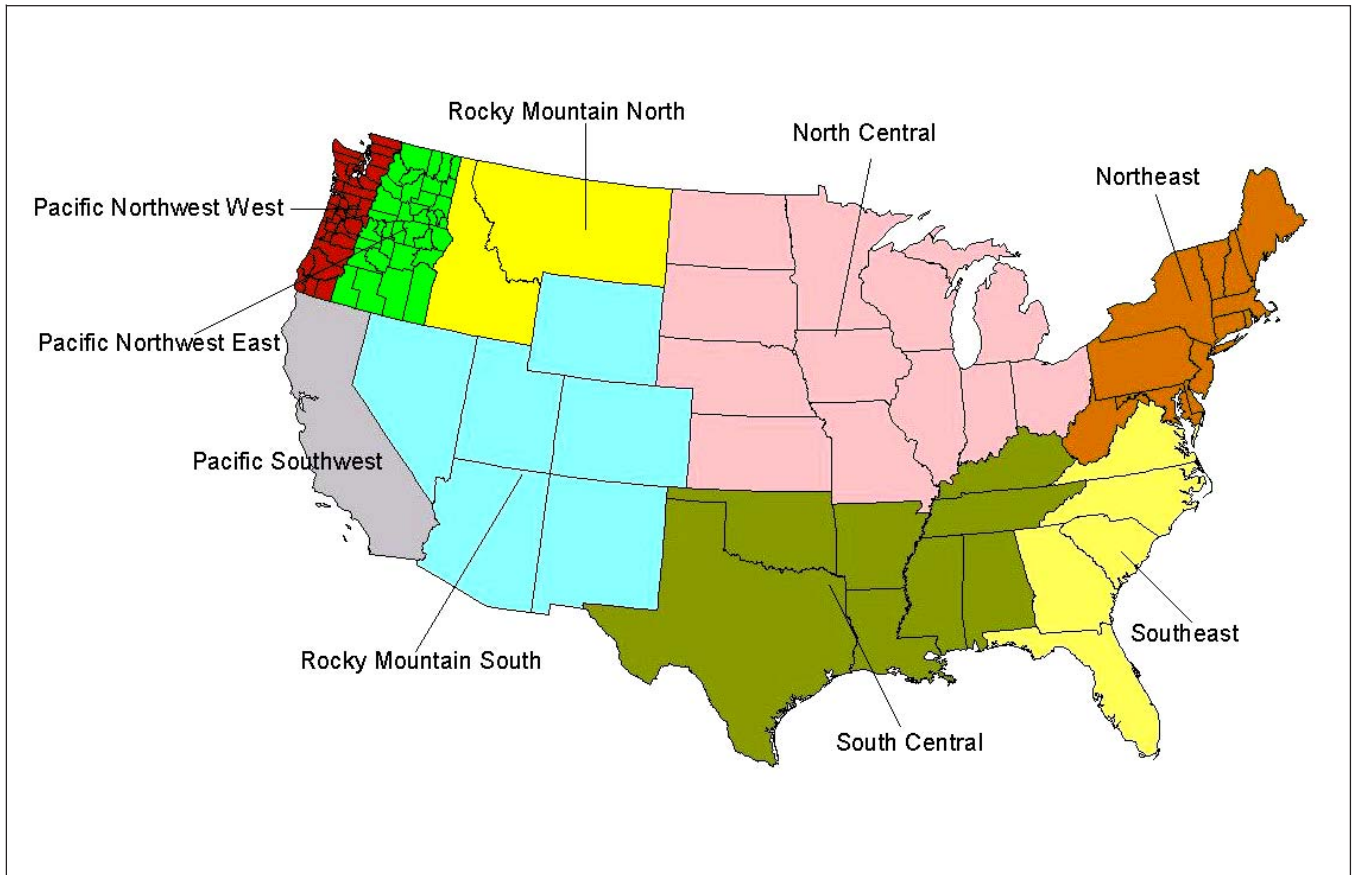


Figure 1—Forest Service Resources Planning Act timber assessment regions.

Softwoods

Supply estimates begin with the volumes of product outputs (lumber, plywood, etc.). Data for the most important products are generally available by year on a regional or state basis for the entire United States. Output data are assembled for lumber (including ties), plywood, pulpwood (this includes use for both pulping and oriented strand board [OSB]), miscellaneous products, fuelwood, and log trade. Product categories, volume units by softwood or hardwood, and notes on data sources are listed in table 1. Miscellaneous products and fuelwood output were only available on a national level. For these products, estimates of regional output were obtained from the “timber products output” tables in past timber assessments and resource summaries for 1952, 1962, 1970, 1976, 1986, 1991, 1996, and 2001 (Powell et al. 1993; Smith et al. 2001, 2004; USDA FS 1958, 1965, 1974, 1982; Waddell et al. 1989). Estimates for gaps between these years, and the years prior to 1952, were approximated by using linear interpolation.

Because the product output data are listed in various metrics (board feet, square feet, cords, etc.), the quantities were converted to standard roundwood equivalents (in million cubic feet) from units noted in table 1. These units are shown in appendix tables 3a through 3c. The conversion factors for lumber and plywood differ by region and vary over time, whereas those for pulpwood only differ by region. The softwood saw-log trade conversion factors do not vary over time or region. The historical values of the “cubic recovery factors” used for lumber and plywood are derived from other parts of the assessment database. The values are estimates of log volumes required to produce one unit of product (board-foot lumber tally or square foot, 3/8 in, plywood). Values listed in appendix tables 3a through 3c represent regional averages and vary over time reflecting changes in technology and the mix of processing techniques used in the regions. The “cubic foot per cord” conversions were also derived from past assessment studies. Conversions for log trade involve the translation of board feet log rule volumes to cubic feet volumes. These conversion factors are quite sensitive to average diameter of logs processed, but in this case where there is an absence of data on log dimensions, we assume a constant conversion at a judgment based “typical” log diameter. A more detailed explanation and discussion of these conversions and the conversion process in general is given in Haynes (1990: app. B). The original product output data were multiplied by these conversion factors and the resulting total softwood roundwood supply, differentiated by product and region, is displayed in appendix table 6.

Table 1—Volume units, source notes, and conversion factor types for original product output data by species category

Product	Volume units	Sources			Conversion type
		Softwood	Hardwood		
Lumber	Million board feet, lumber tally	WWPA 1964-2002, USDC 1958-2002b	Luppold and Dempsey (1989), USDC (1958-2002b), AF&PA (2004)		Cubic foot, log scale per board foot, lumber tally
Plywood	Million square feet, 3/8-in basis	American Plywood Association (2003)	USDC (1958-2002a), Howard (2002)		Cubic foot, log scale per square foot, 3/8-in basis
Pulpwood	Million cords	Ingram et al. (1999), Forest Resources Association, Inc. (2004)	Ingram et al. (1999), Forest Resources Association, Inc. (2004)		Solid cubic feet/ nominal cord
Miscellaneous products	Million cubic feet	McKeever (2002), Ulrich (1990)	McKeever (2002), Ulrich (1990)		None
Fuelwood	Million cubic feet	McKeever (2002), Ulrich (1990)	McKeever (2002), Ulrich (1990)		None
Log trade	Million board feet, Scribner	Ruderman (1975, 1985), Warren (1995, 2004); USDC (1958-2002b)	Howard (2003), USDC (1958-2002b)		Cubic foot, log scale per board foot, Scribner, log scale

The total regional log volumes are allocated across ownerships by using estimates of ownership proportions. Development and application of these proportions vary by geographic region and are discussed below. The regional log volumes of softwood harvested by national forest, other government, forest industry, and nonindustrial owners, are listed in appendix tables 7 through 10.

Western Region

Harvest volumes from the national forests were derived from timber harvest reports of the agency by forest and state for the Pacific Northwest West (PNWW), Pacific Northwest East (PNWE), Pacific Southwest (PSW), Northern Rocky Mountain (NR), and Southern Rocky Mountain (SR) regions. These reports are generally titled “Timber Cut and Sold from National Forests in Region X” and are issued for both calendar and federal fiscal year (October–September). The TCUT spreadsheets used the total convertible harvest volumes including sawtimber, pulpwood, fuelwood, and other products permitting volumetric measurement. Over the period 1950–2002, these volumes were reported in units of board feet, Scribner log rule. The regional scaling conversions listed in appendix table 4, titled “National forest board feet/cubic feet conversions for Western regions,” were used to transform the Scribner to cubic log scale. The resulting cubic-foot volumes were then taken directly as national forest roundwood supplies, and are shown in appendix table 7.

For Oregon, Washington, California, Idaho, and Montana (corresponding to the PNWW, PNWE, PSW, and NR regions), annual estimates of timber harvest by owner are available from reports prepared by state and federal agencies.⁶ The bases of data in these reports vary over the period since 1950. In earlier years, private volumes were generally reported by logging contractors or landowners in the process of obtaining timber harvest permits, thus, in advance of, or as much as a year after, actual cutting. In later years, some of the states shifted to a yield tax system, and harvest volumes were derived from the tax reporting system with varying standards of merchantability. In light of

⁶ Oregon State Department of Forestry, *Oregon Timber Harvest Report*, Salem, Oregon. Washington Department of Natural Resources, *Washington Timber Harvest*, Olympia, Washington. California harvest data are reported in Ruderman (1975, 1985) and Warren (1995, 2004). Northern Rocky Mountain data are summarized in special tabulations prepared from unpublished state agency files for Idaho and Montana by the Timber, Cooperative Forestry, and Pest Management staff for USDA Forest Service, Northern Region Office, Missoula, Montana.

this variability, and for consistency with estimates in the Eastern regions, these harvest reports were used only to derive the proportions of nonnational forest harvest attributable to the industrial, nonindustrial, and other government owners. A summary of the fraction of the regional total cut by owner group is shown in appendix table 5.

Two major problems were encountered, however, in applying the state harvest reports in this fashion. First, there are, in some cases, missing years in the state data series. These were filled by linear interpolations between adjacent data points. Second, in all of the state reports, the private ownership category is not differentiated further by forest industry and nonindustrial private categories prior to the mid-1960s. In these instances, we supplemented the state data with estimates of harvest by owner derived from timber assessment documents or other reports and studies relating to timber harvest. Data for the western regions include 1952, 1962, 1970, and 1976. Estimates for gaps between these years, between these and the earliest available state estimates, and the years prior to 1952 were filled by using linear interpolation.

No state reports were available for the SR region. In this case, the timber assessment resource summary harvest estimates by owner were used for 1952, 1962, 1970, 1976, 1986, 1991, 1996, and 2001. The gaps between these years and the years prior to 1952 were approximated by using linear interpolation. The resulting fractions were then applied to the difference between total regional harvest and national forest supply to estimate the harvest volumes for the nonnational forest owner classes. These results are listed in appendix tables 8 through 10. A diagram explaining how the original product outputs are converted to regional total harvests by landowner with a specific application to the PNWW for 2002 is displayed in figure 2.

Eastern Region

The states east of the Rockies lack consistent harvest reports by ownership. As a result, we had to employ essentially the same method used for the SR in these regions. Difficulties arose in obtaining calendar year national forest harvest data for all but the most recent years, and therefore we used the timber assessment and resource summary harvest estimates (1952, 1962, 1970, 1976, 1986, 1991, 1996, and 2001) to establish harvest proportions for all ownerships. We filled the gaps between these years, and approximated the years prior to 1952, by using linear interpolation. The resulting total roundwood supply estimates for the eastern regions are also displayed in appendix table 5.

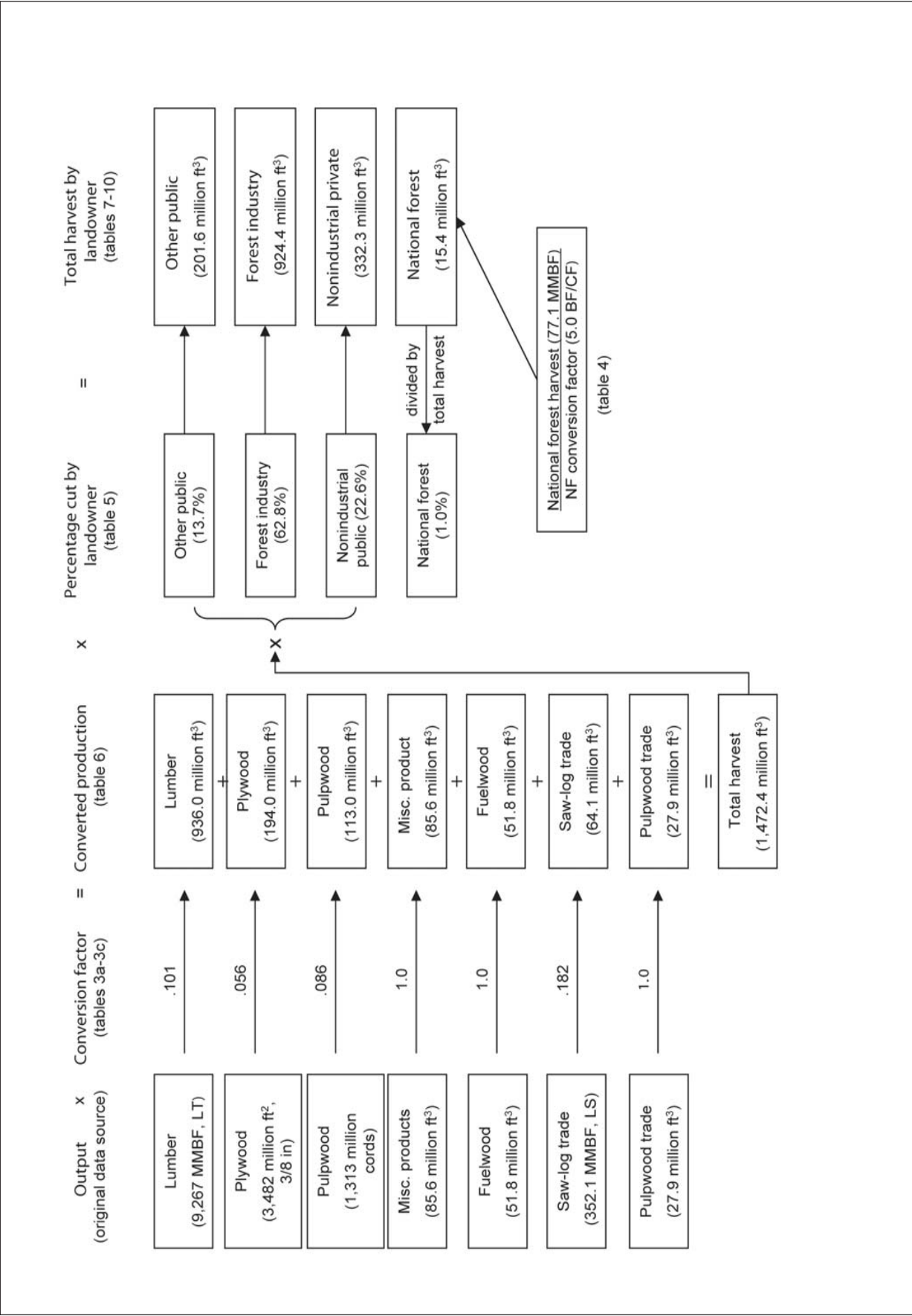


Figure 2—Conversions from softwood output production to total cut, by landowner, for Pacific Northwest West region, 2002. MMBF = million board feet; LT = lumber tally; LS = log scale; BF/CF = board foot/cubic foot.

Hardwoods

Because of the small volumes involved, the earlier years of the Western States harvest reports often did not include data on hardwoods, and there are no consistent harvest reports by ownership for the states east of the Rockies. Consequently, we applied similar methods as in the case of the Eastern softwoods. Preliminary supply estimates were derived from the timber assessment or resource summary harvest estimates for 1952, 1962, 1970, 1976, 1986, 1991, 1996, and 2001. The gaps between these years and the years prior to 1952 were approximated by using linear interpolation. These supply estimates were then used to determine the annual percentage of total regional hardwood harvests by owner group, shown in appendix table 11.

The conversion factors used for hardwoods were derived in a fashion similar to that used to derive the softwood recovery factors and are listed in appendix table 3c. The original output data, described in table 1, were multiplied by these regional conversion factors. Resulting total hardwood roundwood supply estimates are displayed in appendix table 12 and differentiated by region and product in appendix table 13. The total roundwood supply results are then multiplied by the regional percentage of total cut figures to determine cut by ownership, listed in appendix tables 14 through 17.

Roundwood Supply by Product Category

Because the initial output data are differentiated by product, subsets of total roundwood supply by product and owner can be derived from the basic methods described above. The major assumption in this approach is that the ownership proportions developed for total supply remain constant across product categories or groupings. That is, if the national forest in the PNWE only accounts for 12 percent of the total harvest amount for 2002, then the assumption is that the national forest will also only account for 12 percent each of the total sawtimber (saw and veneer logs, miscellaneous products, and log trade) and nonsawtimber (pulpwood and fuelwood) harvested in that region. Regional aggregates by product grouping and composite public and private owner classes are shown in appendix tables 18 and 19.

Results and Analysis

To better understand how the timber supply today relates to that of the previous 50 years, it is useful to employ time trend analyses. These trends use the functional form:

$$\ln(\text{HARVEST})_t = a_0 + a_1 \text{TIME} \quad (1)$$

where the dependent variable is the natural log of total harvest at time t , a_0 is a constant, a_1 is the slope of the trend line (rate of change of harvest divided by rate of change of time), and TIME is the number of years since the start of the sample (current year less t_0 the date of the initial year). Trend lines were obtained for total harvest, softwood harvests only, hardwood harvest only, public harvest only, and private harvest only. Estimation was conducted by using ordinary least squares. The results of these estimates are listed in table 2. Note that the initial period (t_0) differs for the softwood and total harvests as information for the hardwoods was only available for 1957 through 2002.

Plotting these trends against the actual data shows that production for the most recent years, 2002, was below the trend line for all five harvest groups. Growth in domestic log production has slowed over the last decade, and log input requirements by processors are being met increasingly by imports. This can be seen in figure 3, which shows the log trade gap⁷ for total hardwood and softwood harvests from 1951 to 2002. In 2002, the U.S. timber market experienced the smallest surplus in the timber trade since 1964, which was the last time that there was a deficit. It is also interesting to note that in the trend line estimates (table 2), all of the trends are upward sloping (a_1 is positive) with the exception of the total public harvest, which was influenced by the dramatic decline in timber cut from national forests after 1990. The following pages examine these trends in further detail looking at end products and supply regions.

Figure 4 displays the breakdown of total softwood harvest by the product in which the logs were consumed. Note that these log consumption volumes include imported as well as domestic logs, because we are unable to determine the specific product destination of imported logs. Net log trade (exports–imports), which may assume negative values, is also shown on the chart. The breakdown is shown only for assessment years as these were the only dates with complete data that did not require explicit estimation or linear interpolation. Total log use in lumber and plywood has remained relatively stable since 1970. The plywood use peaked around 1987, totaling 1.5 billion ft³ and has subsequently declined to about half of that volume. Use of logs in miscellaneous products (e.g., poles, posts, etc.) has remained constant over time, averaging 257 million ft³ per year. Fuelwood supply was high in 1952 as it

⁷ The trade gap is defined as saw-log exports + pulplog exports–saw-log imports–pulplog imports, and is measured in million cubic feet per year.

Table 2—Trendline estimates for total harvest, softwood harvest, hardwood harvest, public harvest, and private harvest for the entire United States

Dependent variable	Constant (a_0)	(a_1)	R^2	Years of data set
ln(total harvest)	9.3419	0.0107	0.745	1957-2002
ln(softwood only)	8.9322	0.0072	0.613	1950-2002
ln(hardwood only)	8.0818	0.0193	0.799	1957-2002
ln(public only)	8.0906	-0.0074	0.135	1957-2002
ln(private only)	9.0366	0.0144	0.881	1957-2002

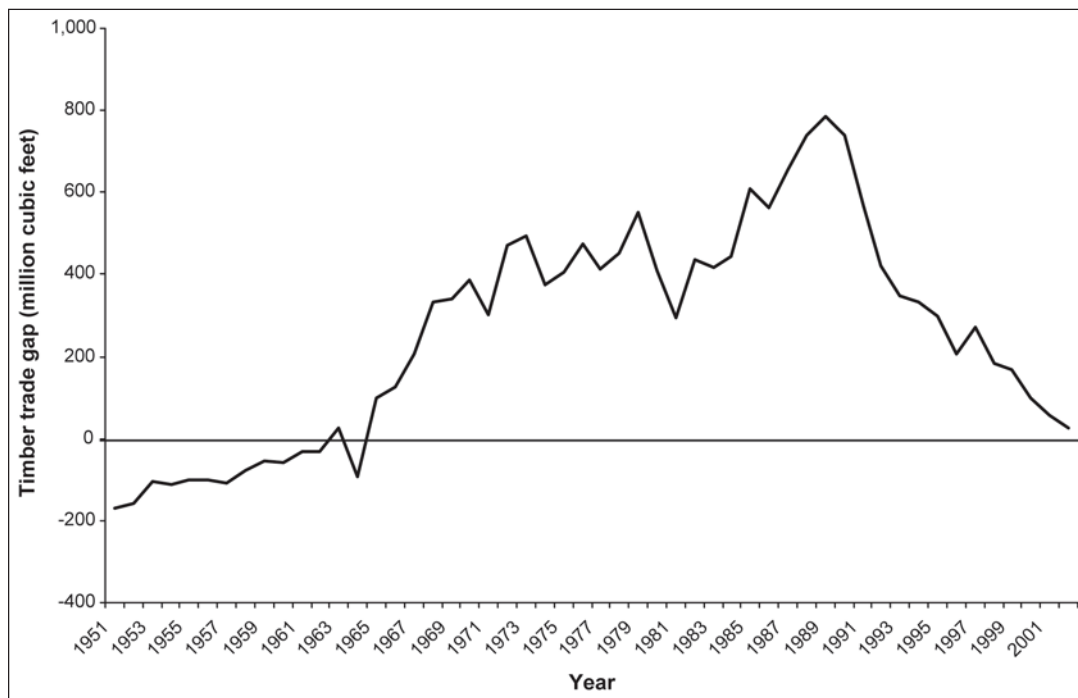


Figure 3—Timber trade gap, 1951-2002.

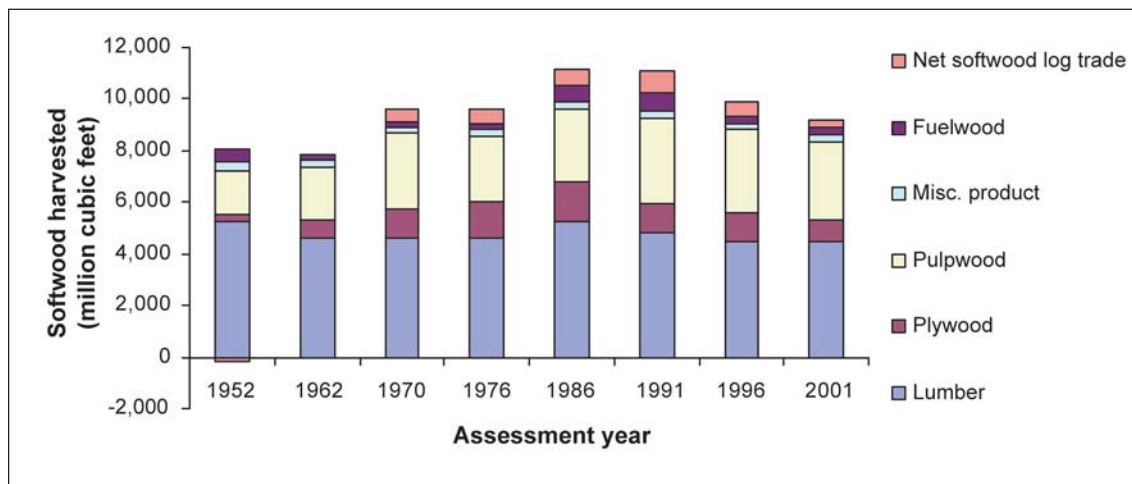


Figure 4—Use of softwood cut, by product, for selected assessment years.

was an important input for energy production, and also had peak production in 1986 and 1991. Saw-log exports were greatest from 1970 to 1991, averaging 582 million ft³ per year. As a result of a number of products having peak production in 1986, this assessment year had the highest total softwood supply for the United States, totaling approximately 11 billion ft³.

Figure 5 shows the product breakdown of total hardwood log consumption for all assessment years. Log use in hardwood lumber and plywood production has been relatively stable over the last 40 years. Pulpwood production, however, increased nearly twofold from 1976 to 1986 and has remained constant at 1.8 billion ft³ per year since then. The use of hardwood fuelwood also showed a large jump between 1976 and 1986, averaging 2.9 billion ft³ annually between 1986 and 1991, before a sharp decline in 1996 and 2001. The production of OSB has steadily grown since its introduction in 1973, using 528 million ft³ of pulpwood in 2001. Pulpwood and saw-log trade (export-imports) has run a deficit since 1970, with the highest deficit of over 340 million ft³ occurring in 1996. Total hardwood harvest peaked in 1991 at approximately 7.6 billion ft³, when fuelwood accounted for nearly 40 percent of the total supply.

Summing the total hardwood and softwood supply for the assessment years, we see that the peak harvest for all timber products occurred in 1991,

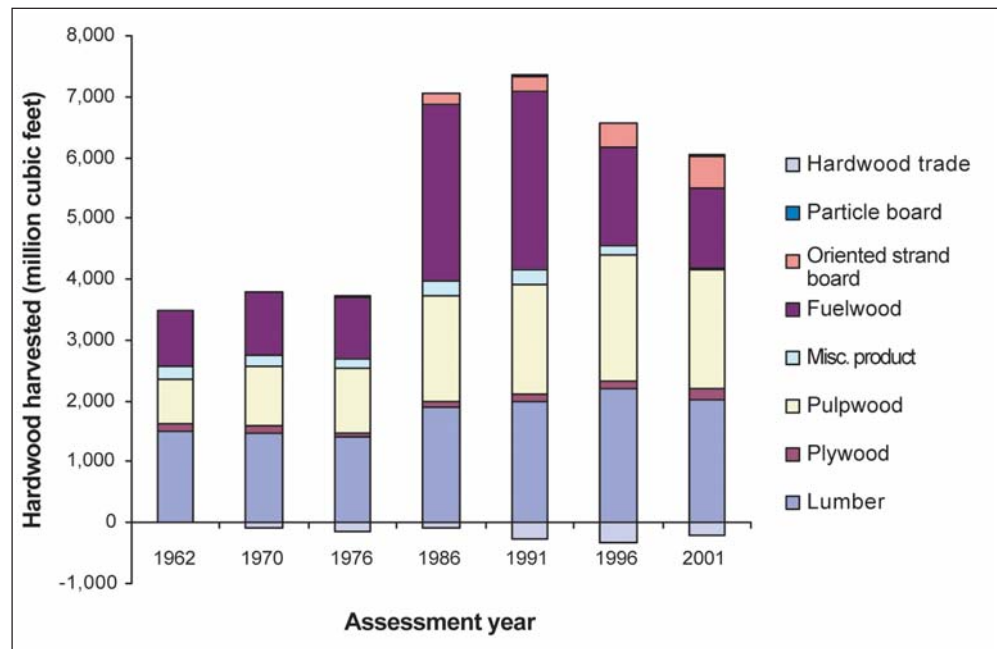


Figure 5—Total hardwood cut, by product, for selected assessment years.

totaling 18.7 billion ft³, which was fueled by record production of pulpwood and fuelwood (fig. 6). Total harvest has slowly declined since then, which was apparent in our trend analysis that showed all four owner types well below the trend line in 2002. Total harvest broken down by end product for all the assessment years is shown in figure 6.

Figure 7 shows the total harvest of timber (both hardwood and softwood) from public lands by supply region. Nearly all regions have experienced reductions in public harvests over the last decade. The region that has experienced the largest decline is the PNWW, which was subject to logging restrictions imposed on old-growth forests as a result of the listing of the northern spotted owl (*Strix occidentalis caurina*) as an endangered species. Other regions have since experienced declines as a result of the Forest Service reducing its role in the timber market and placing more emphasis on resource protection and environmental sustainability. This can be confirmed by looking at figure 8, which shows that the percentage of total harvests by owner for the national forest was the lowest in 2002, with less than 3 percent of total U.S. harvest.

Figure 9 displays the total private harvest by region from 1957 to 2002 by supply region. Harvests have declined slightly since peaking in 1992, but not nearly as dramatically as the case of the public forests. Harvests from private

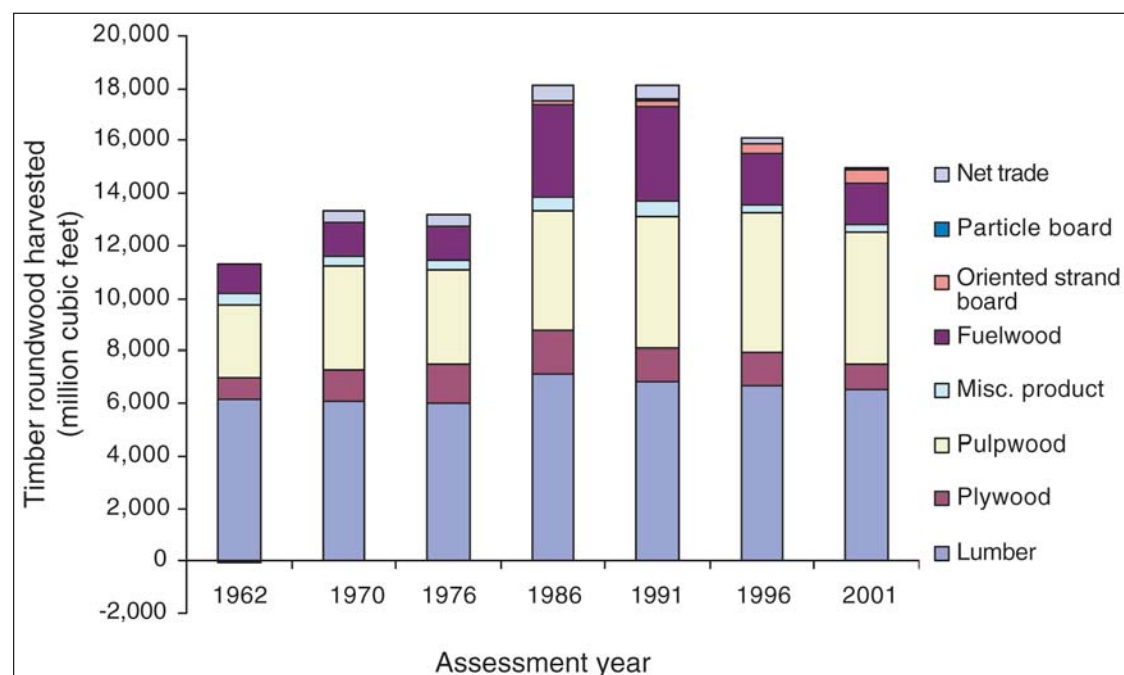


Figure 6—Total timber cut, by product, for selected assessment years.

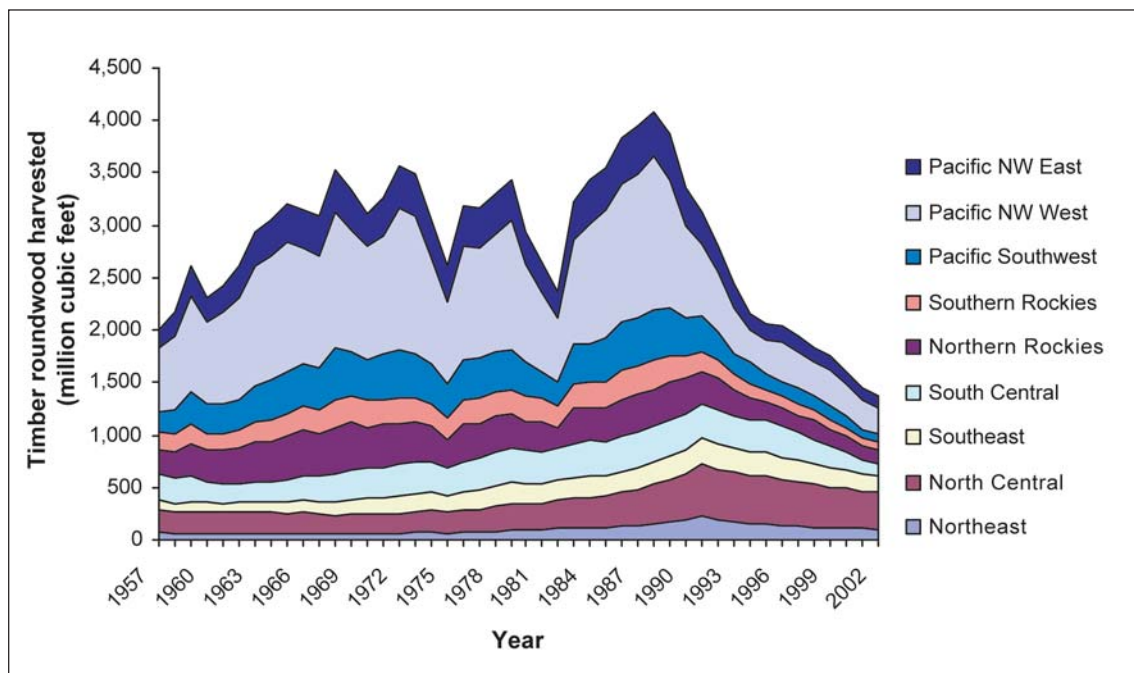


Figure 7—Total public harvest, by region, 1957-2002.

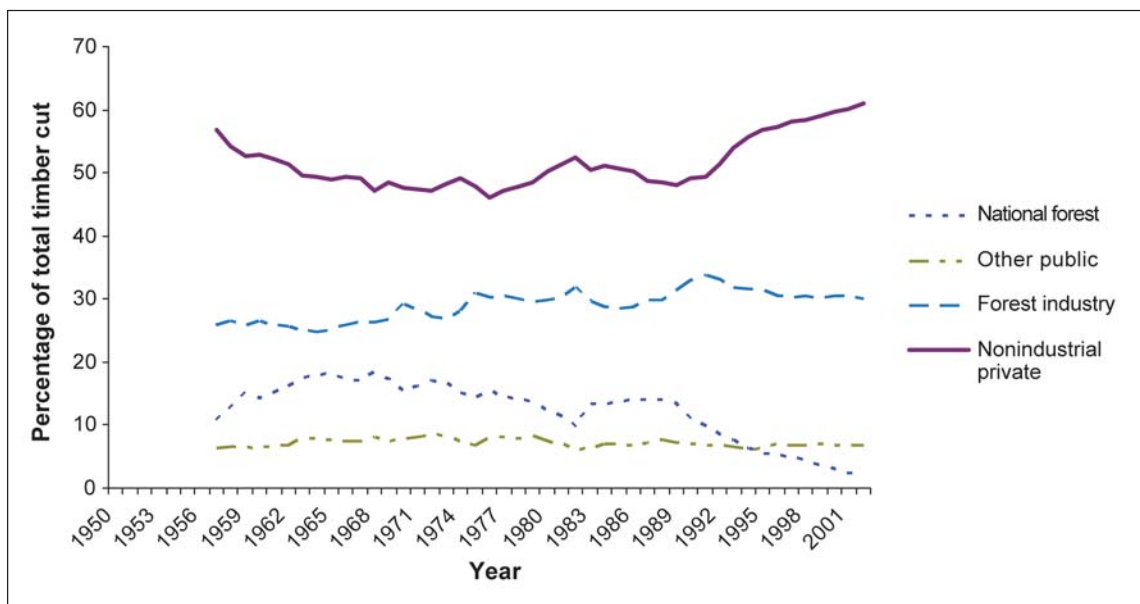


Figure 8—Percentage of total timber cut, by owner, 1957-2002.

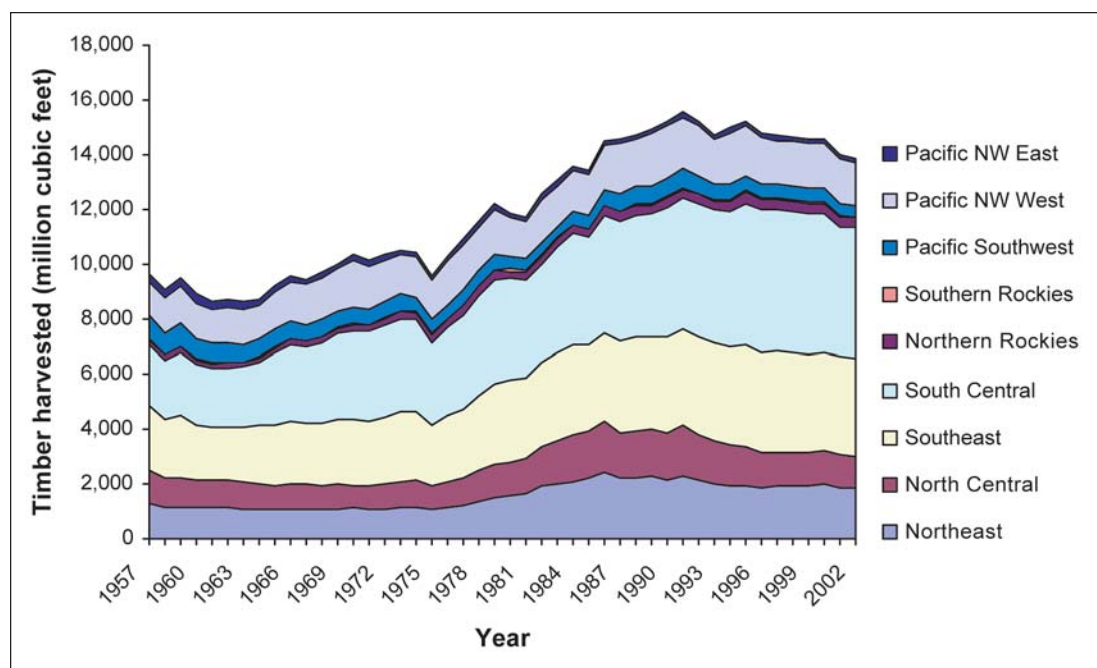


Figure 9—Total private harvest, by region, 1957-2002.

lands appear to be expanding mostly in the South, with other regions maintaining a relatively steady supply over the last 40 years. A look at the percentage of total cut by owner indicates that nonindustrial private forests are historically the largest suppliers of timber, producing about 50 to 60 percent of the total cut.

The total softwood harvest by region from 1950 to 2002 is shown in figure 10. Softwood harvests have expanded on private lands in the South and declined in the West, with the greatest decline on federal lands in the PNWW region. On a regional basis, the concentration of harvest has shifted from the West to the South, most likely as a result of the restrictions on logging on federal lands in western Oregon and Washington. As a result of this shift, timber harvest has shifted from public lands to privately owned forests.

Figure 11 displays total hardwood harvest by region. Hardwood production peaked in 1992 and has slowly declined for the last 10 years. Reductions have occurred mostly in the North. The logging restrictions on the national forests have had a minimal effect on the total hardwood supply in the United States as there is relatively little hardwood harvest on public or private lands in the Western regions.

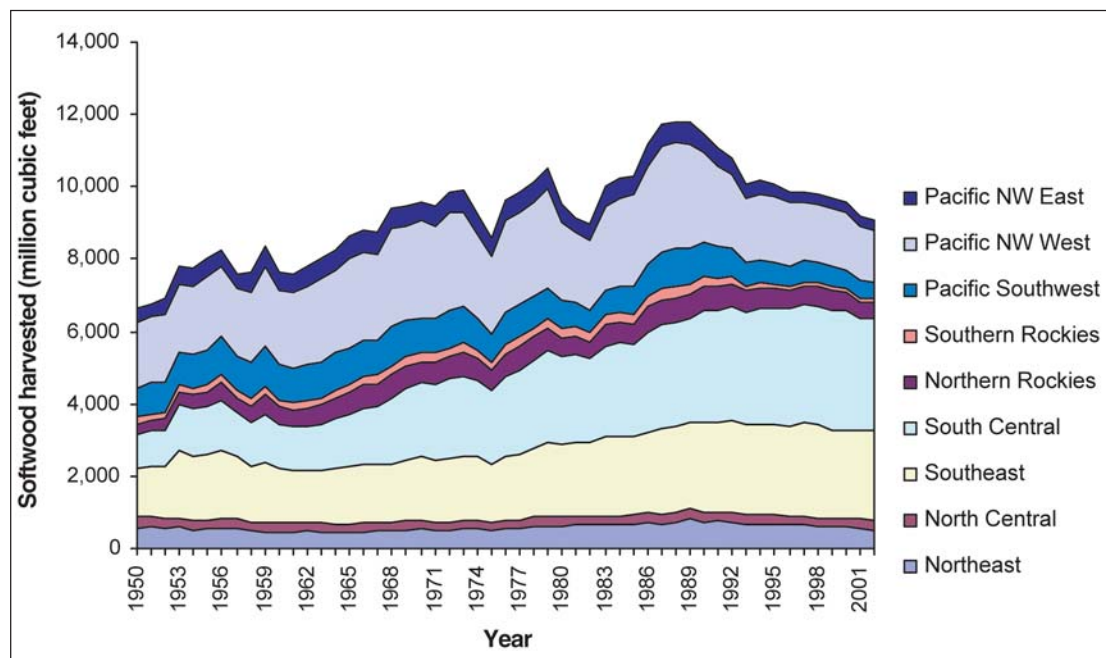


Figure 10—Total softwood harvest, by region, 1957-2002.

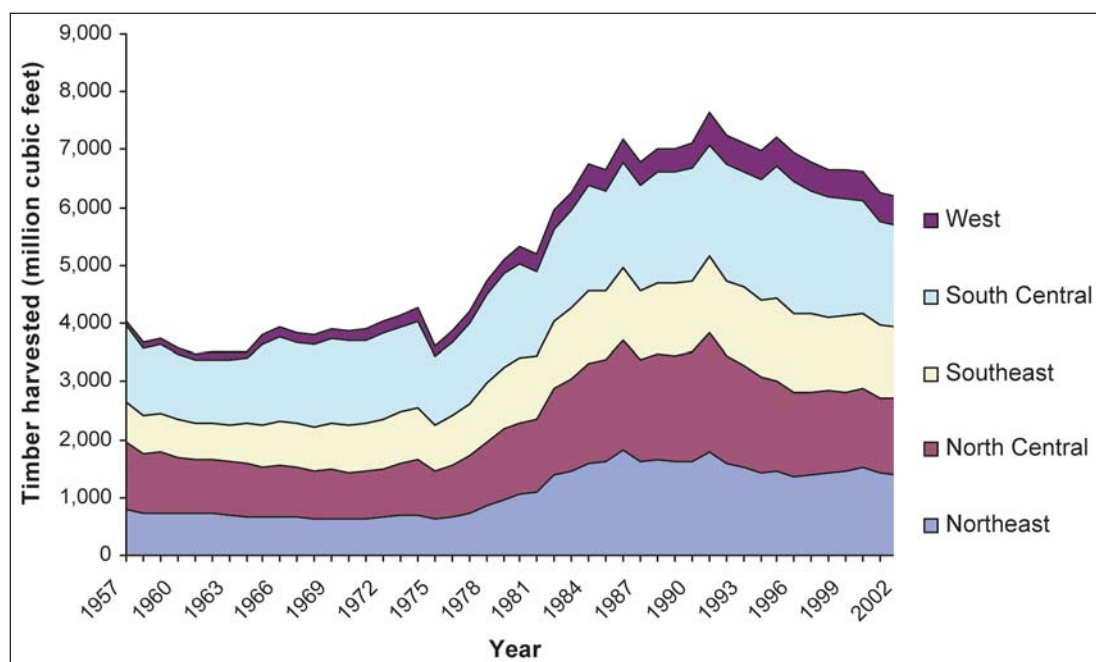


Figure 11—Total hardwood harvest, by region, 1957-2002.

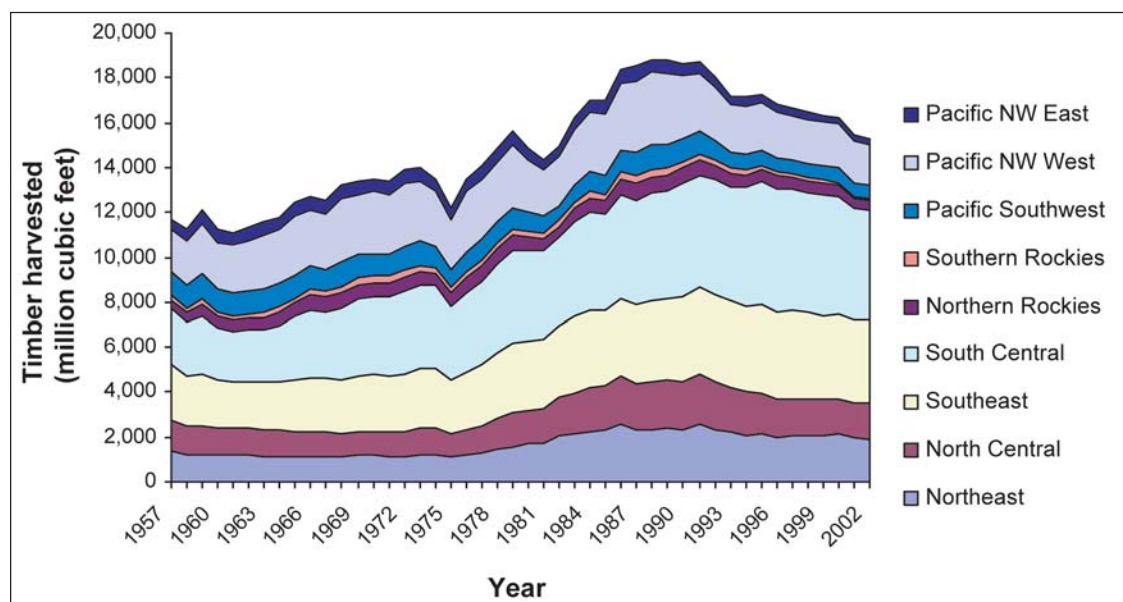


Figure 12—Total harvest, by region, 1957-2002.

Figure 12 displays the total of all species harvest by region. U.S. timber harvest peaked in 1989 at 18.8 billion ft³ and has slowly declined for the last 15 years. Production has declined in all Western regions and in the North, whereas most of the expansion in the U.S. timber industry has occurred in the South owing to increases in supply from nonindustrial private forests and fast-growing tree plantations. Growth in hardwood harvests for lower value products has kept harvests up in the Northeast and North Central regions. The drop in roundwood pulpwood consumption has contributed to the very recent decrease in the eastern regions.

**U.S. timber harvest
peaked in 1989 at
18.8 billion ft³...**

Metric Equivalents

When you know:	Multiply by:	To find:
Inches (in)	2.54	Centimeters
Cubic feet per acre	.06997	Cubic meters per hectare
Board feet, log scale	.0045	Cubic meters, log
Board feet, lumber scale	.0024	Cubic meters, lumber
Square feet (ft ²)	.0929	Square meters
Cubic feet (ft ³)	.0283	Cubic meters
Cords	2.27	Cubic meters

Literature Cited

- Adams, D.M.; Haynes, R.W.; Mills, T.J.; Shearer, D.; Childress, S. 1979.** Production, consumption, and prices of softwood products in North America—regional time series data, 1950-1976. Corvallis, OR: Oregon State University, Forestry Research Laboratory. 43 p.
- Adams, D.M.; Jackson, K.C.; Haynes, R.W. 1988.** Production, consumption, and prices of softwood products in North America—regional time series data, 1950-1985. Resour. Bull. PNW-RB-151. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 49 p.
- American Forest and Paper Association [AF&PA]. 2004.** Wood statistical roundup. Washington, DC. Monthly.
- American Plywood Association—The Engineered Wood Association. 2002.** Structural panel production statistics. Tacoma, WA. [Weekly].
- Forest Resources Association, Inc. 2004.** Annual pulpwood statistics summary report 1993-2003. Rockville, MD.
- Haynes, R.W. 1990.** An analysis of the timber situation in the United States: 1989-2040. Gen. Tech. Rep. RM-199. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 286 p.
- Haynes, R.W. 2003.** An analysis of the timber situation in the United States: 1952-2050. Gen. Tech. Rep. PNW-GTR-560. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 254 p.
- Howard, J.L. 2003.** U.S. timber production, trade, consumption, and price statistics 1965 to 2002. Res. Pap. FPL-RP-615. Madison, WI: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory. 90 p.
- Ingram, C.D.; Ince, P.J.; Mehlberg, R.L. 1999.** United States pulpwood receipts—softwood and hardwood, roundwood and residues, 1950–1996. Gen. Tech. Rep. FPL–GTR–115. Madison, WI: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory. 34 p.
- Luppold, W.G.; Dempsey, G.P. 1989.** New estimates of Central and Eastern U.S. hardwood lumber production. Northern Journal of Applied Forestry. 6(3): 120-123.

- McKeever, D.B. 2002.** Domestic market activity in solid wood products in the United States, 1950-1998. Gen. Tech. Rep. PNW-GTR-524. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 76 p.
- Powell, D.S.; Faulkner, J.L.; Darr, D.R.; Zhu, Z.; MacCleery, D.W. 1993.** Forest resources of the United States, 1992. Gen. Tech. Rep. RM-234. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 132 p. plus map.
- Ruderman, F.K. 1975.** Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1974. Resour. Bull. RB-209. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. 52 p.
- Ruderman, F.K. 1985.** Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1984. Resour. Bull. RB-125. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station. 49 p.
- Smith, W.B.; Vissage, J.S.; Darr, D.R.; Sheffield, R.M. 2001.** Forest resources of the United States, 1997. Gen. Tech. Rep. NC-219. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 190 p.
- Smith, W.B.; Miles, P.D.; Vissage, J.S.; Pugh, S.A. 2004.** Forest resources of the United States, 2002. Gen. Tech. Rep. NC-241. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station. 137 p.
- Ulrich, A.H. 1990.** U.S. timber production, trade, consumption, and price statistics 1960-1988. Res. Pap. FPL-RP-595. Madison, WI: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory. 80 p.
- U.S. Department of Agriculture, Forest Service [USDA FS]. 1958.** Timber resource for America's future. For. Resour. Rep. 14. Washington, DC. 713 p.
- U.S. Department of Agriculture, Forest Service [USDA FS]. 1965.** Timber trends and resources in the United States. For. Resour. Rep. 17. Washington, DC. 235 p.
- U.S. Department of Agriculture, Forest Service [USDA FS]. 1974.** The outlook for timber in the United States. For. Resour. Rep. 20. Washington, DC. 367 p.

- U.S. Department of Agriculture, Forest Service [USDA FS]. 1982.** Analysis of the timber situation in the United States, 1952-2030. For. Resour. Rep. 23. Washington, DC. 499 p.
- U.S. Department of Commerce, Bureau of the Census. 1958-2002a.** Hardwood plywood. Curr. Ind. Rep. Ser. MA-321T(02)-1. Washington, DC. Annual.
- U.S. Department of Commerce, Bureau of the Census. 1958-2002b.** Lumber production and mill stocks. Curr. Ind. Rep. Ser. MA-321T(02)-1. Washington, DC. Annual.
- Waddell, K.L.; Oswald, D.D.; Powell, D.S. 1989.** Forest statistics of the United States, 1987. Resour. Bull. PNW-168. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 106 p.
- Warren, D.D. 1995.** Production, prices, employment, and trade in Northwest forest industries, fourth quarter 1994. Resour. Bull. PNW-RB-209. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 130 p.
- Warren, D.D. 2004.** Production, prices, employment, and trade in Northwest forest industries. Resour. Bull. PNW-RB-241. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 171 p.
- Western Wood Products Association [WWPA]. 1964-2002.** Statistical yearbook of the Western lumber industry. Portland, OR. [Annual]. 42 p.

Appendix

Table 3a—Regional conversion factors for softwood lumber, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Cubic foot, log scale, per board foot, lumber tally</i>									
1950	0.199	0.199	0.199	0.199	0.175	0.170	0.171	0.150	0.179
1951	.199	.199	.199	.199	.176	.171	.171	.150	.179
1952	.198	.198	.198	.198	.175	.172	.170	.150	.179
1953	.197	.197	.197	.197	.174	.172	.170	.150	.179
1954	.197	.197	.197	.197	.174	.173	.170	.150	.179
1955	.196	.196	.196	.196	.175	.174	.169	.150	.179
1956	.195	.195	.195	.195	.174	.175	.170	.150	.179
1957	.195	.195	.195	.195	.173	.176	.170	.150	.180
1958	.194	.194	.194	.194	.174	.175	.170	.149	.181
1959	.194	.194	.194	.194	.174	.176	.171	.149	.182
1960	.193	.193	.193	.193	.173	.177	.171	.149	.182
1961	.192	.192	.192	.192	.173	.177	.172	.149	.183
1962	.192	.192	.192	.192	.173	.178	.172	.149	.184
1963	.191	.191	.191	.191	.174	.179	.172	.149	.185
1964	.191	.191	.191	.191	.173	.180	.173	.148	.186
1965	.190	.190	.190	.190	.172	.179	.173	.148	.186
1966	.190	.190	.190	.190	.173	.179	.174	.148	.187
1967	.189	.189	.189	.189	.173	.178	.174	.148	.187
1968	.188	.188	.188	.188	.172	.174	.174	.148	.185
1969	.188	.188	.188	.188	.172	.174	.174	.148	.183
1970	.187	.187	.187	.187	.172	.169	.174	.148	.184
1971	.178	.178	.178	.178	.165	.167	.165	.136	.179
1972	.177	.177	.177	.177	.164	.167	.165	.135	.175
1973	.176	.176	.176	.176	.165	.163	.165	.130	.172
1974	.176	.176	.176	.176	.165	.161	.165	.132	.169
1975	.175	.175	.175	.175	.165	.158	.165	.135	.168
1976	.174	.174	.174	.174	.162	.160	.165	.126	.166
1977	.173	.173	.173	.173	.162	.158	.164	.129	.167
1978	.172	.172	.172	.172	.164	.158	.163	.130	.161
1979	.171	.171	.171	.171	.166	.156	.161	.129	.158
1980	.170	.170	.170	.170	.166	.153	.160	.124	.160
1981	.169	.169	.169	.169	.167	.160	.159	.131	.158
1982	.169	.169	.169	.169	.165	.160	.158	.133	.158
1983	.168	.168	.168	.168	.166	.159	.157	.130	.157
1984	.167	.167	.167	.167	.154	.153	.156	.128	.156
1985	.166	.166	.166	.166	.153	.153	.154	.127	.154
1986	.164	.164	.164	.164	.162	.153	.152	.124	.150
1987	.163	.163	.163	.163	.153	.153	.150	.124	.151
1988	.165	.165	.165	.165	.149	.150	.148	.124	.150
1989	.169	.169	.169	.169	.153	.144	.146	.122	.150
1990	.165	.165	.165	.165	.151	.142	.144	.118	.148
1991	.166	.166	.166	.166	.150	.141	.145	.115	.147
1992	.156	.156	.156	.156	.146	.138	.140	.115	.143
1993	.153	.153	.153	.153	.140	.131	.135	.115	.136
1994	.148	.148	.148	.148	.143	.135	.135	.113	.140
1995	.147	.147	.147	.147	.143	.134	.134	.115	.139
1996	.146	.146	.146	.146	.138	.130	.133	.115	.135
1997	.146	.146	.146	.146	.136	.127	.131	.115	.132
1998	.145	.145	.145	.145	.134	.126	.133	.115	.131
1999	.142	.142	.142	.142	.132	.124	.131	.110	.129
2000	.142	.142	.142	.142	.131	.123	.129	.107	.128
2001	.142	.142	.142	.142	.124	.117	.127	.105	.121
2002	.140	.140	.140	.140	.121	.114	.124	.101	.118

Table 3b—Regional conversion factors for softwood plywood, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Cubic foot, log scale, per square foot, 3/8 in</i>									
1950	0	0	0	0	0	0	0.080	0.080	0.081
1951	0	0	0	0	0	0	.080	.080	.081
1952	0	0	0	0	0	0	.080	.080	.081
1953	0	0	0	0	0	0	.080	.080	.081
1954	0	0	0	0	0	0	.080	.080	.081
1955	0	0	0	0	0	0	.080	.080	.081
1956	0	0	0	0	.084	.084	.080	.080	.082
1957	0	0	0	0	.084	.084	.081	.081	.081
1958	0	0	0	0	.083	.083	.077	.077	.081
1959	0	0	0	0	.083	.083	.076	.076	.081
1960	0	0	0	0	.082	.082	.077	.077	.080
1961	0	0	0	0	.082	.082	.076	.076	.080
1962	.081	.081	.081	.081	.081	.081	.076	.076	.080
1963	.081	.081	.081	.081	.081	.081	.075	.075	.080
1964	.081	.081	.081	.081	.081	.081	.076	.076	.080
1965	.080	.080	.080	.080	.081	.081	.077	.077	.079
1966	.080	.080	.080	.080	.080	.080	.075	.075	.079
1967	.078	.078	.078	.078	.080	.080	.074	.074	.079
1968	.079	.079	.079	.079	.079	.079	.075	.075	.079
1969	.080	.080	.080	.080	.079	.079	.075	.075	.078
1970	.078	.078	.078	.078	.079	.079	.074	.074	.078
1971	.077	.077	.077	.077	.078	.078	.074	.074	.077
1972	.078	.078	.078	.078	.078	.078	.075	.075	.077
1973	.078	.078	.078	.078	.078	.078	.075	.075	.077
1974	.077	.077	.077	.077	.077	.077	.076	.076	.077
1975	.075	.075	.075	.075	.077	.077	.075	.075	.076
1976	.075	.075	.075	.075	.077	.077	.077	.077	.076
1977	.076	.076	.076	.076	.076	.076	.075	.075	.076
1978	.076	.076	.076	.076	.076	.076	.075	.075	.075
1979	.074	.074	.074	.074	.076	.076	.075	.075	.075
1980	.074	.074	.074	.074	.075	.075	.073	.073	.073
1981	.075	.075	.075	.075	.073	.073	.071	.071	.069
1982	.072	.072	.072	.072	.073	.073	.072	.072	.069
1983	.072	.072	.072	.072	.073	.073	.072	.072	.068
1984	.071	.071	.071	.071	.068	.068	.070	.070	.067
1985	.069	.069	.069	.069	.069	.069	.069	.069	.065
1986	.068	.068	.068	.068	.068	.068	.068	.068	.064
1987	.067	.067	.067	.067	.069	.069	.067	.067	.066
1988	.065	.065	.065	.065	.069	.069	.067	.067	.065
1989	.062	.062	.062	.062	.069	.069	.064	.064	.065
1990	.060	.060	.060	.060	.067	.067	.062	.062	.063
1991	.059	.059	.059	.059	.065	.065	.060	.060	.062
1992	.057	.057	.057	.057	.064	.064	.059	.059	.061
1993	.056	.056	.056	.056	.064	.064	.059	.059	.060
1994	.057	.057	.057	.057	.062	.062	.057	.057	.059
1995	.057	.057	.057	.057	.066	.066	.061	.061	.063
1996	.055	.055	.055	.055	.066	.066	.061	.061	.062
1997	.054	.054	.054	.054	.063	.063	.058	.058	.060
1998	.054	.054	.054	.054	.062	.062	.057	.057	.059
1999	.053	.053	.053	.053	.062	.062	.057	.057	.058
2000	.053	.053	.053	.053	.061	.061	.057	.057	.058
2001	.054	.054	.054	.054	.062	.062	.058	.058	.059
2002	.054	.054	.054	.054	.060	.060	.056	.056	.057

Table 3c—Regional conversion factors for wood products, 1950-2002

Product	Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
Softwood pulpwood ^a	1950-2002	0.085	0.079	0.074	0.081	0.086	0.086	0.086	0.086	0.086
Softwood saw-log trade ^b	1950-2002	.182	.182	.182	.182	.182	.182	.182	.182	.182
Hardwood lumber ^c	1950-2002	.162	.172	.179	.184	.196	.196	.221	.221	.221
Hardwood plywood ^b	1950-2002	.059	.059	.05	.05	0	0	.086	.086	.086
Hardwood pulpwood ^a	1950-2002	.085	.08	.075	.08	.075	.075	.079	.078	.078
Hardwood saw-log trade ^b	1950-2002	.202	.215	.224	.23	.245	.245	.276	.276	.276

^a Cubic foot, log scale, per board foot, lumber tally.

^b Cubic foot, log scale, per board foot, Scribner log rule.

^c Cubic foot, log scale, per square foot, 3/8 in.

Table 4—National forest board feet/cubic feet conversions for national forest cut for Western regions, 1950-2002

Year	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Board feet, log scale, Scribner, per cubic foot, log scale</i>					
1950	5.00	5.00	5.50	5.00	5.50
1951	5.00	5.00	5.48	5.00	5.48
1952	5.00	5.00	5.47	5.00	5.47
1953	5.00	5.00	5.45	5.00	5.45
1954	5.00	5.00	5.43	5.00	5.43
1955	5.00	5.00	5.42	5.00	5.42
1956	5.00	5.00	5.40	5.00	5.40
1957	5.00	5.00	5.38	5.00	5.38
1958	5.00	5.00	5.37	5.00	5.37
1959	5.00	5.00	5.35	5.00	5.35
1960	5.00	5.00	5.33	5.00	5.33
1961	5.00	5.00	5.32	5.00	5.32
1962	5.00	5.00	5.30	5.00	5.30
1963	5.00	5.00	5.28	5.00	5.28
1964	5.00	5.00	5.27	5.00	5.27
1965	5.00	5.00	5.25	5.00	5.25
1966	5.00	5.00	5.23	5.00	5.23
1967	5.00	5.00	5.22	5.00	5.22
1968	5.00	5.00	5.20	5.00	5.20
1969	5.00	5.00	5.18	5.00	5.18
1970	5.00	5.00	5.17	5.00	5.17
1971	5.00	5.00	5.15	5.00	5.15
1972	5.00	5.00	5.13	5.00	5.13
1973	5.00	5.00	5.12	5.00	5.12
1974	5.00	5.00	5.10	5.00	5.10
1975	5.00	5.00	5.08	5.00	5.08
1976	5.00	5.00	5.07	5.00	5.07
1977	5.00	5.00	5.05	5.00	5.05
1978	5.00	5.00	5.03	5.00	5.03
1979	5.00	5.00	5.02	5.00	5.02
1980	5.00	5.00	5.00	5.00	5.00
1981	5.00	5.00	5.00	5.00	5.00
1982	5.00	5.00	5.00	5.00	5.00
1983	5.00	5.00	5.00	5.00	5.00
1984	5.00	5.00	5.00	5.00	5.00
1985	5.00	5.00	5.00	5.00	5.00
1986	5.00	5.00	5.00	5.00	5.00
1987	5.00	5.00	5.00	5.00	5.00
1988	5.00	5.00	5.00	5.00	5.00
1989	5.00	5.00	5.00	5.00	5.00
1990	5.00	5.00	5.00	5.00	5.00
1991	5.00	5.00	5.00	5.00	5.00
1992	5.00	5.00	5.00	5.00	5.00
1993	5.00	5.00	5.00	5.00	5.00
1994	5.00	5.00	5.00	5.00	5.00
1995	5.00	5.00	5.00	5.00	5.00
1996	5.00	5.00	5.00	5.00	5.00
1997	5.00	5.00	5.00	5.00	5.00
1998	5.00	5.00	5.00	5.00	5.00
1999	5.00	5.00	5.00	5.00	5.00
2000	5.00	5.00	5.00	5.00	5.00
2001	5.00	5.00	5.00	5.00	5.00
2002	5.00	5.00	5.00	5.00	5.00

Table 5—Percentage of total regional softwood cut by owner group, 1950-2002

Year	Northeast				North Central			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	0.5	1.5	21.7	76.3	12.8	21.8	22.6	42.8
1951	.6	1.5	21.9	76.0	13.3	21.9	21.9	42.9
1952	.6	1.5	22.1	75.8	13.8	22.1	21.2	43.0
1953	.6	1.5	22.4	75.5	14.2	22.3	20.5	43.0
1954	.6	1.5	22.6	75.2	14.7	22.5	19.8	43.1
1955	.7	1.6	22.8	74.9	15.2	22.6	19.1	43.1
1956	.7	1.6	23.1	74.6	15.6	22.8	18.4	43.2
1957	.7	1.6	23.3	74.4	16.1	23.0	17.7	43.2
1958	.8	1.6	23.6	74.1	16.6	23.1	17.0	43.3
1959	.8	1.6	23.8	73.8	17.1	23.3	16.3	43.4
1960	.8	1.6	24.0	73.5	17.5	23.5	15.5	43.4
1961	.9	1.6	24.3	73.2	18.0	23.7	14.8	43.5
1962	.9	1.7	24.5	73.0	18.5	23.8	14.1	43.5
1963	.9	1.7	25.6	71.8	18.2	23.8	14.3	43.7
1964	.8	1.8	26.7	70.7	17.9	23.8	14.4	43.8
1965	.8	1.9	27.8	69.5	17.7	23.8	14.6	44.0
1966	.8	2.0	28.9	68.3	17.4	23.8	14.7	44.1
1967	.8	2.0	30.0	67.2	17.1	23.8	14.9	44.2
1968	.8	2.1	31.1	66.0	16.8	23.8	15.0	44.4
1969	.7	2.2	32.2	64.9	16.5	23.8	15.1	44.5
1970	.7	2.3	33.3	63.7	16.3	23.8	15.3	44.7
1971	.7	2.4	33.8	63.1	16.6	23.7	15.4	44.3
1972	.6	2.5	34.4	62.5	17.0	23.6	15.5	43.9
1973	.6	2.6	34.9	61.9	17.4	23.5	15.7	43.4
1974	.6	2.7	35.4	61.3	17.7	23.5	15.8	43.0
1975	.5	2.8	35.9	60.8	18.1	23.4	15.9	42.6
1976	.5	2.9	36.5	60.2	18.4	23.3	16.1	42.2
1977	.6	2.9	38.0	58.5	18.5	22.5	16.1	42.9
1978	.6	2.9	39.6	56.8	18.6	21.8	16.1	43.5
1979	.7	3.0	41.2	55.2	18.7	21.0	16.1	44.2
1980	.7	3.0	42.8	53.5	18.8	20.2	16.2	44.8
1981	.8	3.0	44.4	51.8	18.9	19.4	16.2	45.5
1982	.8	3.0	46.0	50.1	19.0	18.7	16.2	46.1
1983	.9	3.1	47.6	48.5	19.1	17.9	16.3	46.8
1984	1.0	3.1	49.2	46.8	19.2	17.1	16.3	47.4
1985	1.0	3.1	50.7	45.1	19.3	16.4	16.3	48.1
1986	1.1	3.1	52.3	43.5	19.4	15.6	16.3	48.7
1987	1.1	3.0	54.6	41.3	19.9	16.7	15.3	48.1
1988	1.2	2.9	56.8	39.1	20.5	17.7	14.3	47.4
1989	1.3	2.8	59.0	36.9	21.1	18.8	13.3	46.8
1990	1.4	2.7	61.2	34.7	21.7	19.9	12.3	46.2
1991	1.5	2.6	63.4	32.5	22.2	21.0	11.2	45.6
1992	1.4	2.7	56.4	39.4	20.4	22.0	11.4	46.2
1993	1.3	2.9	49.4	46.4	18.7	23.0	11.5	46.9
1994	1.2	3.0	42.4	53.3	16.9	24.0	11.6	47.6
1995	1.2	3.1	35.4	60.3	15.1	25.0	11.7	48.2
1996	1.1	3.3	28.4	67.2	13.3	26.0	11.8	48.9
1997	.9	3.3	28.4	67.4	11.9	26.0	11.7	50.4
1998	.7	3.3	28.4	67.6	10.5	26.0	11.5	52.0
1999	.6	3.3	28.4	67.8	9.1	26.0	11.4	53.6
2000	.4	3.3	28.4	68.0	7.7	25.9	11.3	55.1
2001	.2	3.3	28.4	68.1	6.3	25.9	11.1	56.7
2002	.1	3.3	28.4	68.2	4.9	25.9	11.0	58.2

Table 5—Percentage of total regional softwood cut by owner group, 1950-2002 (continued)

Year	Southeast				South Central			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	0.6	2.9	17.9	78.7	11.3	9.5	38.5	40.6
1951	.7	2.9	17.8	78.7	11.0	9.0	37.6	42.4
1952	.8	2.9	17.7	78.7	10.7	8.4	36.7	44.2
1953	.9	2.9	17.6	78.7	10.4	7.8	35.8	46.1
1954	1.0	2.9	17.5	78.7	10.1	7.2	34.8	47.9
1955	1.1	2.9	17.4	78.7	9.7	6.6	33.9	49.7
1956	1.2	2.9	17.3	78.7	9.4	6.1	33.0	51.5
1957	1.3	2.9	17.2	78.7	9.1	5.5	32.0	53.4
1958	1.4	2.9	17.1	78.7	8.8	4.9	31.1	55.2
1959	1.5	2.9	17.0	78.7	8.5	4.3	30.2	57.0
1960	1.6	2.9	16.9	78.7	8.1	3.7	29.3	58.8
1961	1.7	2.9	16.8	78.7	7.8	3.2	28.3	60.7
1962	1.8	2.8	16.7	78.7	7.5	2.6	27.4	62.5
1963	1.8	3.0	17.8	77.4	7.6	2.5	27.8	62.1
1964	1.8	3.1	18.9	76.2	7.7	2.4	28.1	61.7
1965	1.9	3.3	20.0	74.9	7.8	2.4	28.5	61.4
1966	1.9	3.4	21.1	73.6	7.9	2.3	28.9	61.0
1967	1.9	3.5	22.2	72.4	8.0	2.2	29.2	60.6
1968	1.9	3.7	23.3	71.1	8.1	2.1	29.6	60.2
1969	1.9	3.8	24.4	69.9	8.2	2.0	29.9	59.8
1970	2.0	3.9	25.5	68.6	8.3	2.0	30.3	59.4
1971	2.2	3.9	25.5	68.4	8.1	2.0	31.5	58.4
1972	2.4	3.9	25.5	68.2	8.0	2.0	32.7	57.3
1973	2.6	3.9	25.5	67.9	7.8	2.0	33.9	56.3
1974	2.8	3.9	25.5	67.7	7.7	2.0	35.1	55.2
1975	3.1	3.9	25.5	67.5	7.5	2.1	36.3	54.2
1976	3.3	3.9	25.5	67.3	7.3	2.1	37.5	53.1
1977	3.2	4.0	25.9	67.0	7.2	2.1	37.5	53.2
1978	3.2	4.0	26.2	66.7	7.1	2.2	37.5	53.3
1979	3.1	4.0	26.6	66.3	6.9	2.2	37.5	53.4
1980	3.0	4.0	26.9	66.0	6.8	2.3	37.5	53.5
1981	2.9	4.1	27.2	65.7	6.7	2.3	37.5	53.6
1982	2.9	4.1	27.6	65.4	6.5	2.4	37.5	53.6
1983	2.8	4.1	27.9	65.1	6.4	2.4	37.5	53.7
1984	2.7	4.2	28.3	64.8	6.3	2.5	37.5	53.8
1985	2.7	4.2	28.6	64.5	6.1	2.5	37.5	53.9
1986	2.6	4.2	29.0	64.2	6.0	2.5	37.5	54.0
1987	2.8	4.1	30.7	62.4	5.7	2.5	37.3	54.5
1988	3.0	3.9	32.5	60.6	5.5	2.4	37.2	54.9
1989	3.2	3.8	34.2	58.8	5.2	2.3	37.1	55.4
1990	3.4	3.6	36.0	57.0	5.0	2.2	36.9	55.8
1991	3.7	3.4	37.7	55.2	4.8	2.2	36.8	56.3
1992	3.2	3.5	36.7	56.5	4.6	2.1	36.6	56.8
1993	2.8	3.6	35.7	57.9	4.4	2.0	36.3	57.2
1994	2.4	3.7	34.7	59.2	4.3	1.9	36.1	57.7
1995	2.0	3.8	33.6	60.6	4.1	1.8	35.9	58.2
1996	1.6	3.9	32.6	61.9	3.9	1.7	35.7	58.7
1997	1.4	3.9	32.5	62.3	3.4	1.7	35.8	59.2
1998	1.1	3.9	32.3	62.7	2.8	1.7	35.9	59.6
1999	.8	3.9	32.2	63.1	2.2	1.7	35.9	60.1
2000	.6	3.8	32.0	63.6	1.6	1.7	36.0	60.6
2001	.3	3.8	31.9	64.0	1.0	1.7	36.1	61.1
2002	.1	3.8	31.7	64.4	.4	1.7	36.2	61.6

Table 5—Percentage of total regional softwood cut by owner group, 1950-2002 (continued)

Year	Northern Rockies				Southern Rockies			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	32.7	16.3	24.4	26.6	65.3	12.8	0.2	21.7
1951	34.4	15.7	24.3	25.6	65.2	13.2	.3	21.3
1952	36.1	15.2	24.1	24.6	65.0	13.7	.3	21.0
1953	37.9	14.6	24.0	23.6	64.9	14.1	.4	20.6
1954	39.6	14.0	23.8	22.5	64.7	14.6	.4	20.2
1955	41.3	13.5	23.7	21.5	64.6	15.1	.5	19.9
1956	43.1	12.9	23.5	20.5	64.4	15.5	.5	19.5
1957	44.8	12.4	23.4	19.4	64.3	16.0	.6	19.1
1958	46.5	11.8	23.2	18.4	64.1	16.5	.6	18.7
1959	48.3	11.2	23.1	17.4	64.0	16.9	.7	18.4
1960	50.0	10.7	22.9	16.4	63.8	17.4	.8	18.0
1961	51.7	10.1	22.8	15.3	63.7	17.9	.8	17.6
1962	53.5	9.6	22.6	14.3	63.5	18.3	.9	17.3
1963	53.8	9.4	22.1	14.6	65.5	17.8	1.1	15.6
1964	54.2	9.3	21.6	14.9	67.5	17.3	1.4	13.9
1965	54.5	9.1	21.1	15.3	69.5	16.7	1.6	12.2
1966	54.8	9.0	20.6	15.6	71.4	16.2	1.9	10.5
1967	55.2	8.9	20.1	15.9	73.4	15.7	2.1	8.8
1968	55.5	8.7	19.6	16.2	75.4	15.1	2.4	7.1
1969	55.9	8.6	19.1	16.5	77.4	14.6	2.7	5.4
1970	56.2	9.9	17.8	16.1	79.3	14.1	2.9	3.7
1971	54.8	10.3	17.9	17.0	77.9	14.7	2.5	4.9
1972	53.5	10.1	18.3	18.1	76.5	15.4	2.0	6.1
1973	50.2	11.1	19.3	19.4	75.1	16.1	1.5	7.3
1974	46.4	10.8	23.1	19.7	73.7	16.7	1.1	8.5
1975	43.1	7.2	34.9	14.7	72.3	17.4	.6	9.7
1976	48.8	9.3	24.9	17.0	70.9	18.0	.2	10.9
1977	46.1	8.9	27.3	17.6	71.6	17.3	.2	10.9
1978	42.9	11.0	29.7	16.3	72.2	16.6	.3	10.8
1979	44.3	9.1	27.9	18.7	72.9	15.9	.4	10.8
1980	39.5	9.0	35.1	16.4	73.6	15.2	.4	10.7
1981	41.3	10.5	33.3	14.9	74.3	14.5	.5	10.7
1982	35.5	8.9	45.1	10.6	75.0	13.8	.6	10.7
1983	46.4	9.4	33.7	10.5	75.6	13.1	.6	10.6
1984	40.4	10.5	35.7	13.4	76.3	12.4	.7	10.6
1985	46.7	9.5	34.9	8.9	77.0	11.7	.8	10.6
1986	44.7	8.3	37.7	9.2	77.7	11.0	.8	10.5
1987	45.5	9.6	34.0	10.9	76.4	10.9	.9	11.8
1988	42.9	11.9	32.7	12.5	75.2	10.8	1.0	13.1
1989	42.4	12.4	32.4	12.8	74.0	10.7	1.0	14.3
1990	39.7	13.6	26.3	20.4	72.7	10.6	1.1	15.6
1991	37.2	12.2	26.9	23.6	71.5	10.6	1.1	16.8
1992	37.6	14.1	23.1	25.2	60.9	14.5	1.5	23.1
1993	33.9	11.3	25.4	29.3	50.4	18.4	2.0	29.3
1994	26.7	10.4	27.9	35.0	39.8	22.3	2.4	35.5
1995	21.2	13.4	35.1	30.3	29.2	26.2	2.8	41.8
1996	23.9	13.6	36.7	25.9	18.7	30.1	3.2	48.0
1997	21.7	12.1	34.1	32.1	16.3	31.0	3.3	49.4
1998	20.8	15.9	36.9	26.4	13.8	31.9	3.4	50.8
1999	15.0	16.0	40.1	28.9	11.4	32.8	3.5	52.3
2000	14.6	16.0	43.8	25.7	9.0	33.7	3.6	53.7
2001	11.9	16.0	46.4	25.6	6.6	34.6	3.7	55.1
2002	15.8	14.3	42.4	27.6	4.2	35.5	3.8	56.5

Table 5—Percentage of total regional softwood cut by owner group, 1950-2002 (continued)

Year	Pacific Southwest				Pacific Northwest West			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	10.1	0.8	38.4	50.7	12.3	15.0	57.2	15.5
1951	14.5	.9	37.2	47.4	12.4	12.2	59.5	15.9
1952	11.6	.9	40.1	47.4	12.7	10.5	60.8	16.0
1953	9.7	.9	42.4	47.0	16.2	12.9	56.4	14.5
1954	13.0	1.0	42.1	43.9	17.7	14.6	54.0	13.7
1955	16.2	1.0	42.0	40.8	15.8	12.7	57.2	14.3
1956	18.1	1.1	42.4	38.4	16.3	12.0	57.6	14.1
1957	16.9	1.3	44.3	37.5	18.5	13.3	54.9	13.3
1958	19.0	1.5	44.7	34.8	24.3	12.2	51.3	12.2
1959	24.8	1.6	42.7	31.0	28.7	12.1	48.0	11.2
1960	25.1	1.7	43.5	29.7	23.5	11.8	52.6	12.1
1961	25.4	1.9	44.5	28.2	26.6	14.2	48.3	10.9
1962	24.7	2.2	46.0	27.1	30.0	13.9	45.9	10.2
1963	30.2	2.4	42.5	24.9	30.2	17.9	42.5	9.4
1964	33.6	2.7	40.6	23.1	28.7	18.8	43.1	9.4
1965	35.6	2.9	39.3	22.2	30.2	17.1	43.4	9.3
1966	38.5	3.0	37.3	21.3	27.7	16.5	46.0	9.8
1967	37.1	3.1	37.8	22.0	28.2	15.3	46.7	9.8
1968	44.0	3.4	34.0	18.6	27.8	18.5	44.4	9.3
1969	39.4	3.2	37.0	20.4	25.5	17.5	45.9	11.0
1970	39.9	3.0	36.5	20.6	24.3	16.4	52.1	7.2
1971	42.8	2.8	36.2	18.2	23.8	18.8	50.9	6.5
1972	44.0	2.7	36.7	16.5	27.1	20.9	43.8	8.1
1973	39.3	2.5	41.5	16.7	26.9	20.3	40.6	12.1
1974	35.9	2.3	45.3	16.4	24.2	17.6	47.3	10.8
1975	32.9	2.1	49.1	15.9	21.5	14.1	55.4	9.0
1976	39.9	1.9	45.4	12.7	23.0	18.8	51.1	7.1
1977	36.3	1.8	49.4	12.6	23.0	18.7	50.4	7.9
1978	38.6	1.8	48.5	11.2	25.2	18.2	50.3	6.3
1979	42.3	2.3	45.9	9.6	26.4	20.1	46.3	7.2
1980	43.8	2.0	45.6	8.5	23.9	18.1	52.7	5.3
1981	38.2	1.5	51.6	8.6	21.3	16.7	56.2	5.8
1982	37.5	2.4	52.3	7.8	17.4	11.0	65.9	5.7
1983	45.9	2.2	44.7	7.1	24.8	15.3	54.7	5.2
1984	42.0	1.7	48.2	8.2	25.7	18.7	47.7	7.8
1985	45.0	1.4	45.3	8.3	26.1	20.1	44.1	9.8
1986	45.0	1.9	44.4	8.7	26.3	19.3	43.5	10.8
1987	42.4	2.1	45.9	9.6	25.6	18.8	42.0	13.7
1988	45.1	1.3	42.6	11.0	26.4	20.5	38.5	14.6
1989	42.9	1.3	44.1	11.8	22.6	17.6	42.0	17.8
1990	36.0	1.1	49.3	13.6	16.5	16.1	47.3	20.1
1991	38.5	2.1	46.3	13.2	17.2	13.4	48.6	20.8
1992	31.9	2.0	51.2	14.9	11.0	14.7	51.6	22.7
1993	24.2	1.8	54.8	19.3	8.2	13.5	53.2	25.2
1994	28.5	1.8	49.5	20.3	5.9	9.1	56.3	28.7
1995	21.5	2.4	55.7	20.4	4.1	11.1	59.9	24.9
1996	18.2	3.2	56.3	22.4	3.5	15.1	60.1	21.4
1997	20.6	2.6	53.8	23.0	4.1	15.0	61.0	19.9
1998	19.4	2.0	53.8	24.8	3.2	14.1	62.6	20.2
1999	18.2	1.8	53.5	26.5	2.1	16.7	58.7	22.5
2000	17.4	2.0	52.6	27.9	2.0	14.1	62.0	21.9
2001	14.8	1.7	53.3	30.2	0.6	14.6	63.9	20.9
2002	16.2	1.7	51.2	31.0	1.0	13.7	62.8	22.6

Table 5—Percentage of total regional softwood cut by owner group, 1950-2002 (continued)

Year	Pacific Northwest East			
	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>			
1950	36.4	20.8	20.7	22.1
1951	29.3	19.9	25.0	25.8
1952	34.2	15.2	25.3	25.3
1953	34.7	16.9	24.6	23.8
1954	35.1	12.9	26.9	25.1
1955	32.1	15.3	27.6	25.0
1956	36.5	16.4	25.1	22.0
1957	38.4	11.5	27.1	23.0
1958	40.7	14.1	24.8	20.4
1959	45.6	13.0	23.1	18.3
1960	42.6	13.0	25.1	19.3
1961	49.3	12.1	22.2	16.4
1962	53.1	12.4	20.1	14.4
1963	55.2	14.0	18.4	12.4
1964	54.9	14.6	18.6	11.9
1965	55.6	15.5	18.1	10.8
1966	53.6	15.5	19.7	11.2
1967	56.4	18.0	16.7	8.9
1968	53.1	17.8	19.4	9.7
1969	53.0	15.7	23.6	7.7
1970	50.5	14.2	26.7	8.6
1971	48.1	16.6	23.2	12.0
1972	54.0	16.4	21.2	8.5
1973	52.9	17.2	19.6	10.3
1974	47.1	15.8	25.4	11.8
1975	49.4	15.6	27.0	7.9
1976	52.2	16.0	22.8	9.0
1977	48.5	19.3	19.9	12.3
1978	50.3	18.7	20.1	11.0
1979	47.6	19.9	21.5	11.0
1980	44.5	17.7	27.8	10.1
1981	47.1	16.6	28.0	8.3
1982	41.6	13.1	38.4	6.8
1983	52.6	13.3	27.9	6.1
1984	59.5	14.0	18.3	8.2
1985	56.8	12.2	24.0	7.0
1986	58.1	12.6	21.1	8.2
1987	54.6	14.8	20.5	10.1
1988	52.6	14.7	22.9	9.8
1989	50.8	12.8	25.7	10.7
1990	45.8	13.2	28.7	12.2
1991	45.9	11.8	31.7	10.6
1992	35.6	10.8	32.7	21.0
1993	33.0	12.4	31.5	23.1
1994	21.1	14.3	37.3	27.2
1995	20.3	18.5	35.6	25.6
1996	18.8	23.7	34.0	23.5
1997	22.3	21.3	34.1	22.2
1998	15.0	23.4	40.0	21.6
1999	12.1	26.9	38.2	22.9
2000	12.5	28.8	34.0	24.7
2001	11.5	29.4	36.5	22.6
2002	11.8	28.4	36.0	23.8

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002

	Northeast region									
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	Total
Million cubic feet roundwood equivalents										
1950	280.4	0	253.2	6.2	10.2	0.5	4.68	0.36	0.53	545.6
1951	315.2	0	291.4	8.2	10.0	1.0	2.54	.21	.94	622.6
1952	275.0	0	286.5	10.1	9.0	.8	3.41	.21	.80	577.3
1953	300.2	0	266.2	12.2	13.3	1.5	3.46	.14	.58	589.5
1954	222.2	0	258.8	13.9	17.0	1.9	3.84	.57	.60	509.9
1955	214.4	0	283.5	15.5	20.0	2.5	2.38	.85	.66	533.8
1956	234.4	0	301.2	17.3	22.4	2.7	1.19	1.56	.70	577.6
1957	232.8	0	271.7	18.7	24.4	1.9	1.21	1.42	.66	549.0
1958	172.3	0	250.1	19.9	26.0	2.2	.65	1.42	.51	470.8
1959	165.5	0	246.3	21.4	26.9	2.9	.76	1.70	.44	463.6
1960	154.4	0	247.7	22.0	27.3	3.7	.97	2.27	.49	455.8
1961	156.7	0	248.2	23.3	27.2	7.5	1.71	2.70	.51	463.3
1962	185.5	0	244.9	24.0	27.1	7.9	1.14	1.63	.53	489.4
1963	148.7	0	245.0	26.5	22.9	15.3	1.32	1.28	.61	457.8
1964	165.9	0	232.0	27.4	19.1	1.8	.26	1.07	.55	446.4
1965	155.9	0	223.9	28.3	16.0	19.4	.40	2.20	.49	444.9
1966	155.6	.80	235.7	28.6	13.3	22.9	1.27	3.98	.52	459.3
1967	156.6	2.65	263.8	25.8	10.9	32.7	1.01	9.09	.60	499.9
1968	135.3	3.64	271.8	23.5	8.4	43.1	.99	16.91	.53	501.1
1969	177.6	3.82	254.5	21.6	5.5	40.4	1.25	23.58	.37	525.5
1970	171.7	3.81	274.6	19.5	3.1	46.6	3.19	27.92	.42	543.6
1971	165.1	4.62	262.0	18.3	2.8	38.9	1.67	21.74	.46	511.3
1972	175.0	4.37	225.8	17.1	2.8	53.1	.34	28.06	.38	505.4
1973	183.1	3.84	246.0	16.3	2.5	56.7	.25	37.93	.45	545.7
1974	190.7	3.64	245.2	15.1	2.7	44.0	1.37	44.54	.36	544.1
1975	168.6	3.81	231.7	13.8	2.5	45.3	2.05	37.58	.29	501.0
1976	193.0	4.12	235.4	12.9	2.3	55.0	2.02	46.45	.42	546.8
1977	185.8	4.35	226.3	13.3	4.9	51.9	4.18	47.88	.51	529.7
1978	210.9	4.58	248.3	13.7	11.6	57.5	2.37	43.40	.63	587.0
1979	216.5	4.16	239.9	14.4	22.8	65.7	3.54	53.84	.53	613.2
1980	180.7	4.13	267.8	14.8	40.6	54.2	3.42	52.56	.60	610.8
1981	180.5	4.11	324.4	15.2	50.5	41.4	2.62	41.98	.56	654.9
1982	187.6	4.71	291.3	15.8	62.4	54.3	2.96	33.46	.53	646.1
1983	221.8	7.75	287.5	16.2	68.8	55.7	4.27	28.98	.64	681.9
1984	220.4	7.20	227.7	16.7	82.9	58.7	3.50	27.28	.68	636.7
1985	215.8	4.03	276.5	17.5	88.1	65.0	2.12	26.57	.24	691.2
1986	224.7	7.98	268.6	18.0	99.4	60.8	1.56	27.63	.24	705.4
1987	238.5	3.22	249.8	20.0	80.4	69.0	2.06	28.63	.16	687.4
1988	246.7	2.60	240.4	20.1	77.6	80.1	1.67	39.28	.28	704.8
1989	253.1	2.71	258.6	22.4	80.7	135.4	1.06	60.43	.33	811.9
1990	235.0	1.99	229.5	23.4	79.9	132.7	.31	30.94	.36	732.6
1991	221.7	0	225.6	23.5	97.5	118.1	.27	69.00	.11	755.0
1992	214.3	0	214.1	20.4	76.6	126.3	.28	71.11	.10	722.4
1993	189.7	.79	233.9	17.1	65.7	111.7	.79	71.78	.19	689.8
1994	189.7	1.71	226.7	15.8	59.2	116.2	.68	73.18	1.18	680.4
1995	201.5	1.70	180.3	14.7	49.9	133.3	.72	82.96	1.51	662.1
1996	208.8	1.66	182.5	12.6	44.7	121.7	7.11	78.43	.53	642.8
1997	214.7	1.63	174.4	12.1	39.5	153.9	2.52	43.80	.13	637.4
1998	228.6	1.61	164.1	11.1	44.0	108.2	4.40	42.77	.09	596.0
1999	236.9	1.59	144.2	10.7	43.9	130.1	7.66	43.81	.05	603.6
2000	235.7	1.59	148.6	10.7	43.8	132.3	11.44	36.72	.06	598.0
2001	211.7	1.62	136.7	18.2	43.9	118.8	11.80	27.49	.03	546.5
2002	211.7	1.61	113.8	18.0	41.2	124.8	13.90	19.62	.02	516.7

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	North Central region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	96.2	0	160.8	30.6	31.1	0	0.86	0.01	2.31	315.5
1951	55.5	0	168.8	28.5	30.5	0	.47	0	4.11	278.8
1952	43.2	0	158.0	26.9	27.4	0	.62	0	3.48	251.4
1953	48.7	0	155.9	26.2	24.3	.1	.63	0	2.54	251.9
1954	79.0	0	141.7	25.1	21.4	.1	.70	.01	2.63	264.0
1955	48.0	0	150.7	24.0	18.6	.1	.44	.02	2.89	238.2
1956	39.8	0	151.2	23.3	16.1	.1	.22	.04	3.06	227.3
1957	99.6	0	143.8	22.2	14.0	.1	.22	.03	2.89	276.6
1958	77.8	0	145.2	21.2	12.0	.1	.12	.03	2.24	253.9
1959	96.0	0	148.5	20.6	10.1	.1	.14	.04	1.93	273.4
1960	84.1	0	150.2	19.2	8.5	.2	.18	.05	2.16	259.9
1961	78.9	0	142.3	18.5	6.9	.4	.31	.06	2.21	244.5
1962	95.6	0	138.1	17.6	5.7	.4	.21	.04	2.30	254.9
1963	109.8	0	136.1	18.5	5.1	.8	.24	.03	2.68	267.4
1964	87.8	0	124.0	18.2	4.6	.1	.05	.02	2.41	232.3
1965	86.1	0	123.2	17.8	4.3	1.0	.07	.05	2.14	230.2
1966	88.3	0	139.9	17.0	4.0	1.1	.23	.09	2.27	248.0
1967	89.3	0	116.7	14.3	3.9	1.6	.19	.21	2.60	223.1
1968	87.5	0	103.6	12.1	3.7	2.1	.18	.39	2.33	206.8
1969	103.0	0	111.1	10.2	3.5	2.0	.23	.54	1.61	228.5
1970	104.1	1.09	120.5	8.4	3.7	2.3	.58	.64	1.83	238.3
1971	94.9	.54	110.9	9.3	3.5	1.9	.31	.50	2.01	219.2
1972	102.0	0	102.5	10.2	3.6	2.6	.06	.64	1.67	219.8
1973	111.4	0	96.9	11.3	3.5	2.8	.05	.87	1.97	224.7
1974	108.0	0	109.6	12.2	3.8	2.2	.25	1.02	1.58	234.9
1975	103.0	0	102.2	13.1	3.7	2.2	.38	.86	1.25	223.5
1976	104.7	0	114.9	14.3	3.7	2.7	.37	1.07	1.83	239.1
1977	118.5	0	107.3	14.8	4.4	2.5	.77	1.10	2.21	245.6
1978	130.2	0	124.8	15.3	8.2	2.8	.43	1.00	2.74	279.1
1979	127.5	0	129.9	16.2	14.3	3.2	.65	1.23	2.30	289.4
1980	96.6	1.47	121.8	16.7	23.5	2.7	.63	1.21	2.60	260.8
1981	68.1	1.42	126.8	17.2	27.7	2.0	.48	.96	2.44	241.4
1982	54.9	0	125.5	17.9	32.8	2.7	.54	.77	2.30	231.7
1983	67.3	0	108.3	18.5	35.1	2.7	.78	.66	2.81	229.0
1984	64.7	0	97.1	19.2	41.2	2.9	.64	.63	2.99	222.0
1985	73.3	0	105.0	20.2	42.9	3.2	.39	.61	1.06	243.7
1986	89.4	0	120.1	20.8	47.6	3.0	.29	.63	1.03	280.2
1987	99.9	0	115.5	19.8	37.4	3.4	.38	.66	.70	275.6
1988	94.4	0	130.1	16.9	35.0	3.9	.31	.90	1.20	279.6
1989	90.8	2.71	131.3	15.7	35.1	4.2	.20	1.49	1.18	280.0
1990	85.5	3.17	112.7	13.1	33.5	3.7	.07	3.16	1.44	253.4
1991	79.4	3.25	120.5	10.2	39.2	4.3	.11	4.93	1.09	260.6
1992	81.0	2.57	134.3	10.0	30.0	2.6	.01	2.49	.27	262.6
1993	78.5	2.36	150.8	9.5	25.0	3.4	.05	.26	1.66	268.1
1994	75.0	2.56	155.5	9.7	21.9	8.4	.10	.16	2.18	270.9
1995	80.5	2.55	137.6	10.1	17.9	11.1	.42	.27	1.24	258.4
1996	79.1	2.50	138.5	9.6	15.5	7.3	.21	2.90	1.57	253.7
1997	82.4	2.44	135.3	9.3	13.3	7.5	.46	1.00	.58	250.2
1998	90.0	0	125.6	8.6	14.4	5.3	.81	.98	.38	243.7
1999	91.9	0	106.5	8.5	13.9	6.4	1.40	1.00	.24	226.5
2000	89.5	0	118.9	8.6	13.4	6.5	2.10	.84	.25	235.3
2001	101.9	0	124.7	14.7	12.9	5.8	2.16	.63	.13	258.4
2002	108.7	0	114.1	14.5	11.7	6.1	2.55	.45	.11	252.9

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Southeast region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	1,075.1	0	454.4	82.7	320.7	0	1.04	0	0	1,934.0
1951	1,026.6	0	512.1	78.0	314.8	0	.56	0	0	1,932.1
1952	1,036.7	0	520.2	74.4	282.1	0	.76	0	0	1,914.2
1953	964.1	0	591.3	73.0	259.4	.1	.77	0	0	1,887.1
1954	873.1	0	589.4	70.6	237.3	.1	.85	.01	0	1,769.6
1955	877.9	0	671.7	68.2	215.9	.1	.53	.01	0	1,833.2
1956	909.9	0	738.8	66.9	195.1	.1	.26	.02	0	1,910.6
1957	781.6	0	693.5	64.5	177.8	.1	.27	.02	0	1,717.1
1958	669.3	0	662.4	62.0	160.9	.1	.14	.02	0	1,554.7
1959	724.2	0	733.5	60.8	144.6	.1	.17	.02	0	1,663.1
1960	545.4	0	748.2	57.3	128.9	.2	.21	.03	0	1,479.8
1961	532.8	0	742.8	56.0	113.7	.4	.38	.03	0	1,445.3
1962	508.1	0	765.0	53.6	101.5	.4	.25	.02	0	1,428.3
1963	515.0	0	782.9	56.3	95.1	.7	.29	.02	0	1,449.8
1964	565.7	0	833.2	55.2	88.9	.1	.06	.01	0	1,543.0
1965	572.3	1.77	882.6	53.7	86.1	.9	.09	.03	0	1,597.2
1966	575.0	14.14	900.3	50.8	84.6	1.1	.28	.05	0	1,625.8
1967	553.8	24.12	882.4	42.5	85.4	1.6	.23	.11	0	1,589.7
1968	570.2	40.28	898.2	35.6	86.6	2.0	.22	.21	0	1,632.8
1969	558.0	50.81	957.4	29.8	85.0	1.9	.28	.29	0	1,683.1
1970	560.9	66.98	1,010.6	24.0	96.2	2.2	.71	.34	0	1,760.5
1971	581.0	76.08	911.9	24.7	96.1	1.8	.37	.27	0	1,691.5
1972	594.5	97.49	942.5	25.4	103.9	2.5	.08	.34	0	1,766.6
1973	582.6	106.88	968.8	26.7	103.6	2.7	.06	.46	0	1,791.7
1974	537.4	96.92	977.8	27.4	118.2	2.1	.30	.54	0	1,760.1
1975	525.1	104.06	839.7	28.1	118.2	2.2	.46	.46	0	1,617.3
1976	589.9	126.93	867.2	29.4	121.0	2.6	.45	.57	0	1,737.2
1977	630.9	145.83	899.3	30.3	97.3	2.5	.93	.59	0	1,805.8
1978	654.4	156.14	920.3	31.1	132.3	2.7	.53	.53	0	1,897.0
1979	691.1	156.00	950.2	32.6	170.7	3.1	.79	.66	0	2,003.6
1980	648.4	137.86	983.5	33.5	211.9	2.6	.76	.64	0	2,017.6
1981	669.6	174.82	990.5	34.4	189.1	2.0	.58	.51	0	2,060.3
1982	677.7	184.85	980.6	35.7	169.0	2.6	.66	.41	0	2,050.2
1983	815.2	217.37	991.5	36.7	133.6	2.6	.95	.35	0	2,196.4
1984	832.2	225.33	1,027.6	37.8	112.1	2.8	.78	.33	0	2,237.4
1985	834.7	224.10	989.0	39.6	77.8	3.1	.47	.32	0	2,168.2
1986	869.5	214.48	1,058.0	40.6	50.0	2.9	.35	.34	0	2,235.4
1987	918.1	221.57	1,131.9	50.9	42.3	3.3	.46	.35	0	2,367.9
1988	961.9	226.99	1,093.3	56.5	42.7	3.8	.37	.48	0	2,385.4
1989	970.2	208.17	1,080.5	69.1	46.5	12.6	.35	.85	0	2,387.6
1990	986.5	212.89	1,178.3	77.7	48.2	5.2	.17	2.85	0	2,511.5
1991	906.6	174.48	1,231.2	83.6	61.7	8.0	.07	2.35	0	2,467.9
1992	1,003.1	198.01	1,247.0	70.7	47.6	5.5	.19	1.50	0	2,573.2
1993	951.9	194.36	1,219.9	57.9	40.2	5.2	.08	.36	0	2,469.8
1994	941.5	181.09	1,245.9	51.7	35.6	5.3	.28	.16	.02	2,460.9
1995	927.2	209.87	1,293.8	46.7	29.5	5.6	.12	1.38	0	2,514.0
1996	970.8	192.87	1,235.2	38.6	26.0	4.1	.18	.52	0	2,467.9
1997	1,033.2	188.77	1,291.1	38.7	22.6	1.8	.56	.54	0	2,576.0
1998	1,032.9	184.46	1,286.7	37.1	24.7	2.0	.98	.52	0	2,567.4
1999	1,033.9	177.28	1,165.8	37.4	24.2	1.3	1.70	.54	0	2,438.6
2000	997.0	174.74	1,215.7	38.8	23.8	.8	2.54	.45	0	2,448.7
2001	998.7	160.49	1,205.8	68.5	23.3	1.1	2.62	.34	0	2,455.6
2002	1,021.0	163.42	1,199.6	67.8	21.5	1.0	3.09	.24	0	2,471.5

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	South Central region									Total
	Lumber	Plywood	Misc. Pulpwood	prod.	Saw-log Fuelwood	Saw-log export	Pulp-log import	Pulp-log export	import	
Million cubic feet roundwood equivalents										
1950	966.0	0	407.4	104.0	56.6	0.1	1.14	0.02	0.11	1,535.3
1951	727.7	0	447.9	98.0	55.5	.1	.62	.01	.19	1,330.1
1952	744.1	0	465.8	93.4	49.8	.1	.83	.01	.16	1,354.2
1953	614.6	0	498.8	91.8	45.8	.2	.84	.01	.12	1,250.4
1954	677.5	0	497.7	88.7	41.9	.2	.93	.03	.12	1,305.2
1955	666.6	0	519.5	85.7	38.1	.3	.58	.05	.14	1,309.7
1956	724.6	0	562.0	84.0	34.4	.4	.29	.09	.14	1,405.3
1957	570.4	0	514.3	81.0	31.4	.2	.29	.08	.14	1,197.1
1958	596.4	0	531.4	78.0	28.4	.3	.16	.08	.11	1,234.4
1959	683.5	0	535.7	76.4	25.5	.4	.18	.10	.09	1,321.4
1960	605.6	0	517.1	72.0	22.7	.5	.24	.13	.10	1,217.8
1961	585.4	0	525.6	70.4	20.1	1.0	.42	.16	.10	1,202.2
1962	594.0	0	521.3	67.4	17.9	1.0	.28	.09	.11	1,201.5
1963	641.5	0	529.9	74.0	18.2	2.0	.32	.07	.13	1,265.4
1964	659.4	6.45	588.8	76.2	18.4	.2	.06	.06	.11	1,349.5
1965	687.1	30.50	612.4	78.2	19.2	2.5	.10	.13	.10	1,430.0
1966	680.7	76.12	698.3	78.7	20.3	3.0	.31	.23	.11	1,557.0
1967	676.8	112.09	717.3	70.4	22.0	4.3	.25	.52	.12	1,603.2
1968	727.2	143.87	826.9	63.7	23.9	5.6	.24	.98	.11	1,791.9
1969	803.6	173.96	935.6	58.4	25.0	5.3	.30	1.36	.08	2,003.0
1970	759.9	186.79	988.2	52.2	30.2	6.1	.78	1.61	.09	2,024.1
1971	795.7	258.87	956.3	58.4	24.7	5.1	.41	1.25	.09	2,099.9
1972	800.9	313.31	982.5	64.6	21.4	6.9	.08	1.62	.08	2,191.2
1973	806.9	325.26	989.6	72.4	16.5	7.4	.06	2.19	.09	2,220.1
1974	680.7	296.24	1,056.7	78.7	13.8	5.7	.33	2.57	.07	2,134.2
1975	694.1	315.83	929.2	85.1	9.3	5.9	.50	2.17	.06	2,041.0
1976	783.5	379.82	967.7	93.3	5.2	7.2	.49	2.68	.09	2,238.9
1977	905.1	418.12	939.9	90.7	4.5	6.8	1.02	2.76	.10	2,366.9
1978	933.4	442.00	954.2	88.1	6.5	7.5	.58	2.50	.13	2,433.6
1979	896.3	458.86	1,084.9	87.2	9.2	8.6	.86	3.11	.11	2,547.2
1980	748.5	402.74	1,139.0	84.5	12.5	7.1	.83	3.03	.12	2,396.6
1981	752.5	441.38	1,104.2	81.8	12.5	5.4	.64	2.42	.11	2,399.6
1982	801.7	424.96	1,006.4	80.1	12.8	7.1	.72	1.93	.11	2,334.3
1983	895.2	499.57	1,008.3	77.7	11.9	7.3	1.04	1.67	.13	2,500.7
1984	950.3	495.73	1,037.1	75.3	12.4	7.7	.85	1.57	.14	2,579.1
1985	946.5	506.71	984.6	74.2	11.4	8.5	.52	1.53	.05	2,532.9
1986	1,042.5	550.56	1,086.9	71.7	11.3	7.9	.38	1.59	.05	2,772.1
1987	1,115.2	547.89	1,091.4	74.2	10.3	9.0	.50	1.65	.03	2,849.1
1988	1,125.7	548.30	1,104.9	69.3	11.1	10.4	.41	2.27	.06	2,871.5
1989	1,143.8	517.14	1,116.8	72.1	12.7	2.6	.35	3.66	.19	2,868.4
1990	1,139.8	519.27	1,337.0	69.7	13.9	21.4	.23	2.29	0	3,103.2
1991	1,170.0	495.62	1,336.1	65.0	18.6	24.6	.03	4.13	0	3,114.0
1992	1,197.3	490.52	1,341.1	56.5	15.4	12.8	.02	5.27	0	3,118.9
1993	1,248.8	527.39	1,229.7	47.7	14.0	39.4	.22	7.98	0	3,114.7
1994	1,284.0	561.75	1,297.6	44.1	13.2	16.3	.81	.15	0	3,216.2
1995	1,242.0	540.29	1,385.6	41.3	11.6	4.7	.27	3.56	0	3,228.9
1996	1,261.1	543.89	1,387.9	35.5	10.9	4.0	.34	5.95	0	3,248.8
1997	1,312.4	483.84	1,434.1	32.6	10.0	4.8	.61	2.53	.03	3,279.8
1998	1,292.7	473.68	1,476.5	28.6	11.7	5.4	1.07	2.47	.02	3,290.0
1999	1,367.3	462.92	1,455.8	26.3	12.1	3.5	1.86	2.53	.01	3,328.7
2000	1,374.6	452.18	1,433.4	24.9	12.5	2.2	2.78	2.12	.01	3,299.2
2001	1,302.7	386.84	1,378.6	40.0	13.0	3.0	2.87	1.59	.01	3,122.8
2002	1,311.1	388.46	1,377.6	39.5	12.6	2.7	3.38	1.13	.01	3,129.7

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Northern Rockies region									
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	Total
<i>Million cubic feet roundwood equivalents</i>										
1950	281.3	0	9.0	22.3	10.2	0	3.61	0	1.13	318.0
1951	274.6	0	12.6	20.6	10.0	0	1.96	0	2.01	313.8
1952	315.8	0	11.8	19.2	8.9	0	2.63	0	1.70	351.5
1953	322.8	0	11.2	18.5	7.7	0	2.67	0	1.24	356.3
1954	372.6	0	12.9	17.5	6.5	0	2.96	0	1.29	405.2
1955	384.5	0	12.7	16.5	5.5	0	1.83	0	1.41	416.0
1956	450.5	1.18	12.6	15.9	4.5	0	.92	.01	1.50	482.2
1957	354.9	1.09	11.5	14.9	3.7	0	.93	.01	1.41	383.7
1958	410.1	1.00	9.8	14.0	2.9	0	.50	.01	1.10	436.3
1959	496.1	3.72	9.2	13.4	2.2	0	.59	.01	.94	523.1
1960	466.3	6.18	8.3	12.3	1.6	0	.75	.01	1.06	493.1
1961	457.1	14.77	6.5	11.7	1.1	.1	1.32	.02	1.08	488.9
1962	492.4	19.21	5.6	11.0	.7	.1	.88	.01	1.13	527.0
1963	472.1	29.12	4.3	13.1	.9	.2	1.02	.01	1.31	517.4
1964	505.9	40.01	6.4	14.6	1.0	0	.20	.01	1.18	566.7
1965	513.5	58.07	10.2	16.3	1.2	.2	.31	.01	1.05	598.1
1966	532.9	66.94	8.0	17.7	1.4	.2	.98	.02	1.11	625.1
1967	518.0	81.86	7.0	17.1	1.6	.3	.78	.05	1.27	623.9
1968	557.8	78.72	6.9	16.6	1.9	.4	.76	.10	1.14	660.6
1969	528.8	67.54	7.7	16.4	2.1	.4	.96	.13	.79	621.3
1970	501.7	65.81	13.9	15.8	2.6	.5	2.46	.16	.90	597.2
1971	518.5	74.53	11.3	15.4	2.4	.4	1.29	.12	.98	620.4
1972	519.0	78.34	4.6	15.0	2.4	.6	.26	.16	.82	619.0
1973	553.0	76.45	9.8	15.0	2.2	.6	.20	.21	.96	656.1
1974	460.4	74.57	20.6	14.6	2.4	.5	1.05	.25	.77	571.4
1975	439.5	80.89	23.3	14.2	2.2	.5	1.58	.21	.61	558.5
1976	502.0	92.85	17.4	14.1	2.1	.6	1.56	.26	.89	626.8
1977	522.3	95.83	21.9	15.3	1.8	.5	3.22	.27	1.08	653.6
1978	523.6	94.77	22.6	16.5	2.6	.6	1.83	.25	1.34	657.7
1979	522.4	91.43	14.0	18.1	3.7	.7	2.73	.30	1.13	646.7
1980	394.6	81.95	41.4	19.3	5.1	.6	2.63	.30	1.27	539.4
1981	392.8	82.11	32.5	20.5	5.2	.4	2.02	.24	1.19	530.6
1982	352.2	63.58	21.3	22.0	5.4	.6	2.28	.19	1.13	461.7
1983	494.1	82.58	7.2	23.4	5.0	.6	3.29	.16	1.37	608.3
1984	474.7	69.71	10.1	24.7	5.3	.6	2.70	.15	1.46	581.1
1985	478.0	72.59	7.6	26.6	4.9	.7	1.63	.15	.52	588.3
1986	557.8	75.42	16.4	28.0	5.0	.6	1.20	.16	.50	681.7
1987	560.3	80.94	34.2	27.4	4.0	.7	1.59	.16	.34	705.9
1988	532.9	75.73	54.8	24.1	3.9	.8	1.29	.22	.59	690.6
1989	567.0	83.35	17.4	23.4	4.1	.1	.33	.34	.66	694.7
1990	529.2	80.22	41.9	20.8	4.1	0	.26	.01	0	675.9
1991	493.5	70.90	41.9	17.5	5.0	.1	.24	.29	1.28	627.7
1992	499.6	77.05	39.8	16.8	3.9	.2	.46	0	0	636.9
1993	456.7	75.67	18.1	15.5	3.4	.6	.55	.01	0	569.4
1994	452.3	65.52	17.0	15.6	3.1	.3	4.30	.19	0	549.7
1995	406.7	72.55	27.9	16.0	2.6	1.1	1.62	1.99	0	527.2
1996	410.3	66.58	22.9	14.9	2.4	.5	1.32	.01	0	516.3
1997	419.7	64.99	16.9	14.6	2.1	.4	1.94	.25	.29	516.8
1998	429.9	60.69	21.1	13.8	2.4	.4	3.39	.24	.19	524.9
1999	439.6	63.51	14.9	13.6	2.4	.4	5.91	.25	.12	528.6
2000	402.1	56.40	17.4	13.9	2.4	.2	8.82	.21	.12	483.6
2001	361.5	56.26	13.4	24.1	2.4	.2	9.10	.16	.06	448.9
2002	368.7	53.94	10.8	23.9	2.3	.2	10.71	.11	.05	449.2

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Southern Rockies region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	140.4	0	9.9	7.8	38.4	0	0.04	0	0	196.4
1951	116.9	0	14.3	7.4	37.7	0	.02	0	0	176.3
1952	115.6	0	13.6	7.2	33.8	0	.03	0	0	170.1
1953	129.1	0	13.2	7.1	31.9	0	.03	0	0	181.2
1954	136.5	0	15.5	7.0	29.9	0	.03	0	0	188.8
1955	143.4	0	15.7	6.8	27.9	0	.02	0	0	193.8
1956	163.5	0	16.0	6.8	25.9	0	.01	0	0	212.1
1957	175.7	0	15.0	6.6	24.2	0	.01	0	0	221.5
1958	166.1	0	13.2	6.5	22.5	0	.01	0	0	208.3
1959	188.8	0	12.7	6.4	20.8	0	.01	0	0	228.7
1960	158.6	0	11.9	6.1	19.1	0	.01	0	0	195.7
1961	159.9	0	10.2	6.1	17.3	0	.01	0	0	193.5
1962	169.1	0	9.1	5.9	15.9	0	.01	0	0	200.0
1963	170.6	0	7.5	6.6	17.6	0	.01	0	0	202.3
1964	197.4	0	10.1	6.9	19.1	0	0	0	0	233.6
1965	186.4	.72	15.9	7.2	21.1	0	0	0	0	231.4
1966	196.9	4.66	11.5	7.4	23.5	0	.01	0	0	244.0
1967	200.7	2.79	10.5	6.8	26.5	0	.01	0	0	247.4
1968	216.8	5.79	10.6	6.3	29.8	0	.01	0	0	269.3
1969	205.8	5.06	11.5	5.9	32.2	0	.01	0	0	260.5
1970	187.4	4.41	20.1	5.4	39.9	0	.03	0	0	257.3
1971	187.6	4.93	18.1	5.2	37.7	0	.01	0	0	253.6
1972	200.0	4.91	8.4	5.0	38.7	.1	0	0	0	257.0
1973	176.5	3.57	17.0	4.8	36.7	.1	0	0	0	238.7
1974	154.2	2.48	31.8	4.6	39.9	.0	.01	0	0	233.0
1975	146.3	2.01	33.6	4.4	38.0	.0	.02	0	0	224.4
1976	177.9	0	27.2	4.2	37.2	.1	.02	0	0	246.7
1977	184.6	0	32.0	4.6	32.2	.1	.03	0	0	253.5
1978	165.1	0	32.6	5.0	47.5	.1	.02	0	0	250.3
1979	153.6	0	23.0	5.4	67.3	.1	.03	0	0	249.3
1980	131.6	0	53.9	5.8	92.7	.1	.03	0	0	284.1
1981	137.0	0	44.7	6.2	93.5	.0	.02	0	0	281.4
1982	116.5	0	31.2	6.6	96.5	.1	.02	0	0	250.9
1983	139.7	0	13.2	7.0	91.0	.1	.03	0	0	250.9
1984	141.9	0	16.9	7.4	95.3	.1	.03	0	0	261.6
1985	142.7	0	13.5	8.0	89.1	.1	.02	0	0	253.4
1986	167.4	0	26.1	8.4	89.5	.1	.01	0	0	291.4
1987	173.1	0	41.8	8.2	72.6	.1	.02	0	0	295.9
1988	169.4	0	59.6	7.2	70.5	.1	.01	0	0	306.8
1989	166.1	0	24.7	7.0	73.6	0	.01	0	0	271.5
1990	146.4	0	12.7	6.2	73.2	0	0	0	0	238.7
1991	130.8	0	12.7	5.3	89.8	0	0	0	0	238.6
1992	115.6	0	12.4	5.0	71.1	0	0	0	0	204.2
1993	89.0	0	5.7	4.7	61.5	.1	0	0	0	161.0
1994	98.1	0	5.4	4.7	55.8	.1	.07	0	0	164.0
1995	72.7	0	8.6	4.8	47.4	0	.03	0	0	133.5
1996	66.8	0	7.1	4.5	42.8	0	.01	0	0	121.2
1997	69.3	0	5.5	4.4	38.1	0	.02	0	0	117.3
1998	67.1	0	6.8	4.1	42.8	0	.04	0	0	120.8
1999	68.4	0	4.9	4.1	43.0	0	.06	0	0	120.3
2000	55.3	0	5.6	4.2	43.2	0	.09	0	0	108.3
2001	38.4	0	4.4	7.3	43.6	0	.09	0	0	93.5
2002	42.0	0	3.2	7.2	41.2	0	.11	0	0	93.6

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Pacific Southwest region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	724.1	13.96	9.9	17.7	2.2	0.1	2.51	0.10	0.10	765.6
1951	826.4	19.32	7.0	16.1	2.2	.2	1.36	.06	.18	869.9
1952	774.4	27.57	6.9	14.8	1.9	.1	1.82	.06	.16	823.9
1953	863.5	34.54	7.0	13.9	1.9	.3	1.85	.04	.11	919.3
1954	867.9	39.37	8.5	12.9	1.8	.4	2.05	.16	.12	928.9
1955	900.4	51.10	9.4	11.9	1.7	.5	1.27	.23	.13	974.0
1956	998.3	54.43	10.1	11.1	1.6	.5	.64	.43	.14	1,075.8
1957	913.0	56.81	10.0	10.2	1.5	.4	.65	.39	.13	991.6
1958	906.4	61.37	9.2	9.3	1.5	.4	.35	.39	.10	988.2
1959	1,035.6	82.93	9.1	8.6	1.4	.6	.41	.47	.09	1,138.2
1960	878.0	88.14	8.8	7.6	1.3	.7	.52	.62	.10	984.7
1961	863.2	90.17	7.3	7.0	1.2	1.5	.91	.74	.10	970.1
1962	864.2	91.48	6.7	6.2	1.1	1.5	.61	.45	.10	971.1
1963	866.9	93.52	5.6	9.6	1.4	3.0	.71	.35	.12	979.6
1964	910.6	99.64	9.1	12.9	1.6	.3	.14	.29	.11	1,034.5
1965	879.0	94.22	11.3	16.5	1.9	3.7	.22	.60	.10	1,007.2
1966	878.9	84.85	9.5	20.1	2.2	4.4	.68	1.09	.10	1,000.3
1967	849.8	65.09	8.9	21.2	2.6	6.3	.54	2.48	.12	955.8
1968	952.0	67.17	9.2	22.3	3.0	8.3	.53	4.61	.10	1,066.0
1969	887.5	64.00	10.4	23.4	3.3	7.8	.67	6.43	.07	1,002.2
1970	813.2	61.18	14.4	23.8	4.2	9.0	1.70	7.62	.08	931.7
1971	834.0	72.85	8.9	20.3	3.9	7.5	.89	5.93	.09	952.5
1972	887.1	78.87	3.8	16.9	4.0	10.2	.18	7.65	.07	1,008.3
1973	898.5	72.19	8.2	13.7	3.7	10.9	.14	10.35	.09	1,017.4
1974	758.9	63.84	16.5	10.1	4.0	8.5	.73	12.15	.07	873.2
1975	685.3	48.84	18.2	6.6	3.7	8.7	1.10	10.25	.06	780.5
1976	796.0	46.21	15.0	3.1	3.6	10.6	1.08	12.67	.08	886.1
1977	827.5	41.63	20.0	4.3	5.8	10.0	2.23	13.06	.10	920.1
1978	789.1	38.08	19.0	5.4	12.7	11.1	1.27	11.84	.12	886.0
1979	748.8	34.61	12.4	6.7	24.0	12.7	1.90	14.69	.10	852.0
1980	603.8	23.16	33.0	7.9	41.7	10.5	1.83	14.34	.12	732.6
1981	513.1	24.87	27.2	9.1	51.0	8.0	1.40	11.45	.11	643.4
1982	471.9	14.08	19.7	10.4	62.3	10.5	1.58	9.13	.10	596.4
1983	560.6	18.74	6.9	11.7	68.1	10.7	2.28	7.91	.13	682.4
1984	605.6	16.34	12.3	12.9	81.6	11.3	1.87	7.44	.13	745.7
1985	643.7	11.05	9.9	14.5	86.2	12.5	1.13	7.25	.05	783.9
1986	739.9	8.18	20.1	15.8	96.8	11.7	.83	7.54	.05	899.2
1987	810.8	6.85	50.3	16.2	91.9	13.3	1.10	7.81	.03	996.1
1988	837.7	8.38	69.7	15.0	102.5	15.4	.89	10.72	.05	1,058.6
1989	775.5	5.98	25.4	15.4	121.7	14.2	.08	16.29	.01	974.5
1990	718.6	3.82	31.9	14.8	136.2	20.5	.09	23.58	0	949.2
1991	612.6	3.48	31.9	13.6	186.5	14.5	.03	28.20	.17	890.7
1992	558.8	3.48	31.3	11.4	147.9	3.9	.33	22.39	0	778.9
1993	477.9	0	14.7	9.3	128.3	5.2	1.26	18.79	25.11	653.0
1994	475.8	0	13.7	8.3	116.6	4.9	2.25	20.09	15.26	637.2
1995	425.3	0	22.7	7.4	99.3	5.4	2.14	16.61	0	574.6
1996	431.8	0	18.6	6.1	89.8	5.1	1.66	14.30	0	564.0
1997	448.5	0	14.0	6.3	80.1	4.4	1.35	11.95	.03	563.9
1998	422.6	0	17.4	6.3	90.2	2.9	2.35	11.67	.02	548.8
1999	419.8	0	12.3	6.5	90.9	1.6	4.10	11.95	.01	539.0
2000	408.9	0	14.3	6.9	91.5	1.8	6.12	10.02	.01	527.4
2001	346.0	0	11.1	12.5	92.5	1.6	6.31	7.50	.01	464.9
2002	326.5	0	8.9	12.4	87.6	.7	7.43	5.35	0	434.1

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Pacific Northwest West region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	1,513.7	188.11	148.2	77.8	56.5	4.5	14.58	0.60	109.35	1,865.4
1951	1,475.7	207.10	173.4	73.0	55.4	9.1	7.90	.36	194.66	1,791.5
1952	1,552.7	214.38	173.5	69.4	49.7	7.0	10.60	.36	164.80	1,891.5
1953	1,459.8	256.21	179.5	68.0	48.0	13.5	10.76	.24	120.21	1,894.3
1954	1,387.8	270.18	224.2	65.5	46.2	16.7	11.94	.96	124.47	1,875.0
1955	1,445.7	352.56	248.4	63.0	44.1	22.6	7.40	1.43	136.88	2,033.6
1956	1,306.2	362.22	276.6	61.6	41.9	24.3	3.70	2.63	145.02	1,926.7
1957	1,184.4	381.30	286.7	59.2	40.0	16.8	3.77	2.39	136.88	1,830.2
1958	1,255.3	419.86	279.6	56.8	38.0	20.0	2.01	2.39	106.25	1,963.7
1959	1,351.0	501.59	296.4	55.4	35.8	26.3	2.37	2.87	91.12	2,175.9
1960	1,199.0	505.68	308.9	52.0	33.5	33.0	3.01	3.82	102.37	2,030.5
1961	1,151.8	546.77	318.7	50.7	31.0	67.8	5.32	4.54	104.70	2,061.2
1962	1,192.5	601.97	331.1	48.4	29.0	71.0	3.55	2.75	108.96	2,164.2
1963	1,270.0	634.72	339.5	58.2	27.7	138.0	4.11	2.15	126.80	2,339.3
1964	1,260.8	729.82	297.6	65.4	26.4	16.1	.81	1.79	114.00	2,283.2
1965	1,236.3	745.77	332.2	73.1	26.1	174.7	1.26	3.70	101.21	2,489.5
1966	1,172.5	702.18	345.0	79.9	26.3	206.4	3.96	6.69	107.41	2,427.5
1967	1,113.5	647.85	351.1	77.4	27.1	294.2	3.16	15.30	123.31	2,399.9
1968	1,186.5	739.38	370.2	75.7	28.0	388.0	3.08	28.44	110.51	2,702.6
1969	1,110.2	627.58	410.2	74.9	28.2	363.4	3.88	39.67	76.00	2,574.2
1970	1,087.7	640.85	493.6	72.1	32.6	419.2	9.92	46.96	86.86	2,696.2
1971	1,111.9	690.30	368.0	70.2	30.3	349.8	5.19	36.57	95.00	2,556.9
1972	1,195.0	734.52	230.7	68.2	30.6	478.1	1.05	47.20	79.10	2,704.1
1973	1,163.3	725.83	139.4	67.7	28.6	510.2	.79	63.81	93.06	2,604.9
1974	1,007.0	606.58	244.8	65.7	30.6	395.9	4.25	74.93	74.84	2,346.4
1975	951.3	581.10	113.7	63.7	28.7	408.0	6.38	63.22	59.33	2,143.9
1976	1,032.4	676.86	273.2	63.0	27.7	495.0	6.28	78.15	86.47	2,553.6
1977	1,121.0	688.26	201.0	61.6	26.8	467.5	12.99	80.54	104.70	2,529.0
1978	1,131.7	694.48	186.7	60.3	44.0	517.4	7.37	73.01	129.90	2,570.4
1979	1,067.7	650.67	340.7	60.2	68.7	591.1	11.03	90.58	108.96	2,749.7
1980	825.0	492.72	280.9	58.9	103.9	487.7	10.63	88.43	123.31	2,203.6
1981	802.6	440.36	171.2	57.6	114.3	372.9	8.16	70.62	115.55	1,905.9
1982	741.5	409.70	191.4	56.9	128.3	488.7	9.20	56.28	108.96	1,954.6
1983	1,008.5	529.02	208.2	55.8	130.9	501.3	13.27	48.76	133.00	2,336.2
1984	1,037.8	525.56	254.3	54.6	148.1	528.6	10.88	45.89	141.53	2,442.5
1985	992.1	513.80	239.3	54.5	149.0	585.5	6.59	44.69	50.41	2,522.0
1986	1,137.8	583.10	254.6	53.3	160.6	547.3	4.85	46.49	48.86	2,729.5
1987	1,257.2	602.30	271.5	59.9	127.4	621.3	6.40	48.16	33.35	2,948.0
1988	1,203.6	567.58	253.5	60.7	120.6	720.7	5.21	66.08	57.00	2,930.5
1989	1,161.5	456.50	387.0	68.6	122.6	658.2	1.26	100.48	55.33	2,898.4
1990	993.5	385.05	245.1	72.1	118.6	547.6	1.54	178.14	49.92	2,488.6
1991	868.2	306.90	245.0	73.1	141.0	462.4	.50	147.49	46.05	2,197.6
1992	871.7	289.94	223.5	69.1	109.4	400.8	4.98	113.47	36.95	2,035.9
1993	792.5	249.15	195.9	63.2	92.8	312.3	12.74	117.81	29.14	1,781.7
1994	844.2	250.12	172.9	63.0	82.5	286.4	8.54	138.69	12.32	1,816.9
1995	805.4	242.62	287.7	63.8	68.7	293.4	3.52	118.03	55.67	1,820.3
1996	844.2	231.21	235.1	59.1	60.7	273.4	4.05	106.87	59.02	1,747.5
1997	892.3	209.45	176.7	56.8	53.0	188.9	7.83	73.68	27.69	1,615.4
1998	897.2	208.10	220.9	52.3	58.4	154.5	13.68	71.96	17.91	1,631.8
1999	948.6	217.66	156.2	50.8	57.5	142.5	23.84	73.71	11.17	1,612.0
2000	937.1	224.61	181.6	50.8	56.6	135.5	35.61	61.78	11.63	1,600.7
2001	920.4	203.57	140.7	86.5	55.9	111.5	36.72	46.25	6.13	1,522.0
2002	936.0	194.04	113.0	85.6	51.8	107.3	43.25	33.01	5.12	1,472.4

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Pacific Northwest East region									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	310.3	1.70	8.6	11.0	14.2	0	0	0	0	345.8
1951	339.4	2.51	10.1	10.2	13.9	0	0	0	0	376.0
1952	405.3	1.78	10.1	9.6	12.5	0	0	0	0	439.2
1953	433.0	2.76	10.4	9.3	12.9	0	0	0	0	468.4
1954	463.3	2.93	13.0	8.9	13.1	0	0	0	0	501.2
1955	468.5	2.85	14.4	8.4	13.2	0	0	0	0	507.3
1956	398.1	2.28	16.0	8.1	13.1	0	0	0	0	437.7
1957	381.7	2.68	16.6	7.7	13.0	0	0	0	0	421.8
1958	460.8	3.81	16.2	7.3	12.9	0	0	0	0	501.0
1959	517.5	5.24	17.2	7.0	12.5	0	0	0	0	559.5
1960	488.6	5.22	17.9	6.5	12.1	0	0	0	0	530.3
1961	479.9	5.53	18.5	6.3	11.5	0	0	0	0	521.7
1962	518.5	8.40	19.2	5.9	11.1	0	0	0	0	563.1
1963	520.8	12.29	19.7	7.1	10.9	0	0	0	0	570.8
1964	527.5	19.11	17.3	8.0	10.8	0	0	0	0	582.6
1965	522.9	29.04	19.3	8.9	11.0	0	0	0	0	591.0
1966	527.2	37.73	20.0	9.8	11.3	0	0	0	0	606.0
1967	492.7	41.89	20.4	9.5	12.0	0	0	0	0	576.4
1968	515.2	40.07	21.5	9.2	12.8	0	0	0	0	598.8
1969	472.3	48.34	23.8	9.1	13.2	0	0	0	0	566.7
1970	440.1	49.08	28.6	8.8	15.6	0	0	0	0	542.2
1971	471.4	69.24	21.3	8.2	14.5	0	0	0	0	584.7
1972	472.8	84.85	13.4	7.7	14.7	0	0	0	0	593.3
1973	474.2	81.65	8.1	7.2	13.7	0	0	0	0	584.8
1974	415.6	68.22	14.2	6.7	14.7	0	0	0	0	519.3
1975	387.3	71.06	6.6	6.1	13.8	0	0	0	0	484.8
1976	444.2	74.65	16.0	5.6	13.3	0	0	0	0	553.7
1977	458.1	76.06	13.5	5.1	12.3	0	0	0	0	565.0
1978	438.2	74.51	12.3	4.6	19.4	0	0	0	0	549.0
1979	430.3	71.43	22.2	4.1	29.3	0	0	0	0	557.4
1980	341.3	53.23	19.7	3.6	43.0	0	0	0	0	460.9
1981	328.9	50.31	12.2	3.0	46.1	0	0	0	0	440.6
1982	314.9	39.55	14.1	2.5	50.6	0	0	0	0	421.6
1983	386.5	54.66	16.7	2.0	50.5	0	0	0	0	510.4
1984	399.7	57.36	18.4	1.4	56.1	0	0	0	0	533.0
1985	396.3	59.31	16.8	.9	55.5	0	0	0	0	528.8
1986	431.8	59.01	17.6	.4	58.8	0	0	0	0	567.5
1987	473.5	68.44	19.1	.3	46.7	0	0	0	0	608.0
1988	447.8	58.91	17.8	.3	44.2	0	0	0	0	568.9
1989	445.0	69.20	27.2	.3	44.9	0	0	0	0	586.6
1990	396.1	61.72	19.9	.3	43.4	0	0	0	0	521.5
1991	368.1	62.34	19.9	.2	51.7	0	0	0	0	502.2
1992	332.0	59.51	18.0	.1	40.1	0	0	0	0	449.7
1993	271.4	59.85	15.2	.1	34.0	0	0	0	0	380.5
1994	279.7	62.94	14.7	.1	30.2	0	0	0	0	387.6
1995	222.1	61.07	24.4	.1	25.1	0	0	0	0	332.9
1996	208.3	63.24	20.0	.1	22.2	0	0	0	0	313.9
1997	220.8	52.70	15.0	.1	19.4	0	0	0	0	308.1
1998	208.9	48.43	18.8	.1	21.4	0	0	0	0	297.6
1999	213.6	48.29	13.3	.1	21.1	0	0	0	0	296.4
2000	195.4	41.76	15.4	.1	20.7	0	0	0	0	273.4
2001	187.5	30.36	12.0	.2	20.5	0	0	0	0	250.5
2002	183.9	27.86	9.6	.2	19.0	0	0	0	0	240.5

Table 6—Regional softwood total roundwood supply estimates for the United States, by supply region, 1950-2002
(continued)

Year	Total softwoods									Total
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import	
Million cubic feet roundwood equivalents										
1950	5,387.5	203.8	1,461.4	360.0	540.0	5.3	28.5	1.1	113.5	7,821.7
1951	5,158.1	228.9	1,637.5	340.0	530.0	10.5	15.4	.7	202.1	7,691.1
1952	5,262.7	243.7	1,646.3	325.0	475.0	8.1	20.7	.7	171.1	7,773.3
1953	5,135.9	293.5	1,733.6	320.0	445.0	15.6	21.0	.4	124.8	7,798.5
1954	5,079.8	312.5	1,761.8	310.0	415.0	19.3	23.3	1.7	129.2	7,747.9
1955	5,149.4	406.5	1,926.0	300.0	385.0	26.2	14.4	2.6	142.1	8,039.4
1956	5,225.2	420.1	2,084.5	295.0	355.0	28.2	7.2	4.8	150.6	8,255.3
1957	4,694.1	441.9	1,963.0	285.0	330.0	19.5	7.4	4.3	142.1	7,588.6
1958	4,714.5	486.0	1,917.2	275.0	305.0	23.1	3.9	4.3	110.3	7,611.3
1959	5,258.1	593.5	2,008.7	270.0	280.0	30.5	4.6	5.2	94.6	8,347.0
1960	4,580.1	605.2	2,019.1	255.0	255.0	38.2	5.9	6.9	106.3	7,647.6
1961	4,465.6	657.3	2,019.9	250.0	230.0	78.6	10.4	8.2	108.7	7,590.7
1962	4,620.0	721.1	2,041.0	240.0	210.0	82.3	6.9	5.0	113.1	7,799.5
1963	4,715.3	769.7	2,070.5	270.0	200.0	159.9	8.0	3.9	131.6	8,049.9
1964	4,881.0	895.0	2,118.6	285.0	190.0	18.7	1.6	3.3	118.4	8,271.8
1965	4,839.5	960.1	2,231.0	300.0	187.0	202.5	2.5	6.7	105.1	8,619.4
1966	4,808.1	987.4	2,368.3	310.0	187.0	239.2	7.7	12.1	111.5	8,793.1
1967	4,651.2	978.3	2,378.1	285.0	192.0	340.9	6.2	27.8	128.0	8,719.3
1968	4,948.5	1,118.9	2,518.8	265.0	198.0	449.7	6.0	51.6	114.7	9,430.0
1969	4,846.9	1,041.1	2,722.2	250.0	198.0	421.1	7.6	72.0	78.9	9,465.1
1970	4,626.7	1,080.0	2,964.6	230.0	228.0	485.8	19.4	85.2	90.2	9,591.0
1971	4,760.1	1,252.0	2,668.7	230.0	216.0	405.4	10.1	66.4	98.6	9,490.0
1972	4,946.4	1,396.7	2,514.1	230.0	222.0	554.1	2.1	85.7	82.1	9,864.9
1973	4,949.4	1,395.7	2,483.8	235.0	211.0	591.3	1.5	115.8	96.6	9,884.1
1974	4,312.8	1,212.5	2,717.3	235.0	230.0	458.9	8.3	136.0	77.7	9,216.6
1975	4,100.5	1,207.6	2,298.2	235.0	220.0	472.8	12.5	114.7	61.6	8,574.9
1976	4,623.7	1,401.4	2,534.1	240.0	216.0	573.8	12.3	141.9	89.8	9,628.9
1977	4,953.8	1,470.1	2,461.3	240.0	190.0	541.8	25.4	146.2	108.7	9,869.3
1978	4,976.5	1,504.6	2,520.9	240.0	285.0	599.7	14.4	132.5	134.9	10,110.1
1979	4,854.3	1,467.2	2,817.1	245.0	410.0	685.1	21.5	164.4	113.1	10,508.7
1980	3,970.5	1,197.3	2,941.2	245.0	575.0	565.3	20.7	160.5	128.0	9,506.2
1981	3,845.2	1,219.4	2,833.7	245.0	590.0	432.2	15.9	128.2	120.0	9,158.0
1982	3,718.9	1,141.4	2,681.5	248.0	620.0	566.4	18.0	102.2	113.1	8,947.4
1983	4,588.9	1,409.7	2,647.9	249.0	595.0	581.1	25.9	88.5	138.1	9,996.3
1984	4,727.3	1,397.2	2,701.6	250.0	635.0	612.6	21.2	83.3	146.9	10,239.1
1985	4,723.2	1,391.6	2,642.1	256.0	605.0	678.5	12.9	81.1	52.3	10,312.4
1986	5,260.9	1,498.7	2,868.3	257.0	619.0	634.3	9.5	84.4	50.7	11,162.5
1987	5,646.7	1,531.2	3,005.5	276.9	513.0	720.1	12.5	87.4	34.6	11,733.8
1988	5,620.0	1,488.5	3,024.1	270.0	508.0	835.3	10.2	119.9	59.2	11,796.7
1989	5,573.2	1,345.8	3,068.9	294.0	542.0	827.3	3.6	183.5	57.7	11,773.6
1990	5,230.6	1,268.1	3,209.0	298.1	551.0	731.2	2.7	241.0	51.7	11,474.5
1991	4,851.0	1,117.0	3,264.7	292.0	691.0	632.0	1.2	256.4	48.7	11,054.3
1992	4,873.4	1,121.1	3,261.4	260.0	542.0	552.1	6.3	216.2	37.3	10,782.7
1993	4,556.4	1,109.6	3,083.9	225.0	465.0	477.9	15.7	217.0	56.1	10,088.1
1994	4,640.2	1,125.7	3,149.2	213.0	418.0	437.9	17.0	232.6	31.0	10,183.9
1995	4,383.4	1,130.7	3,368.7	205.0	352.0	454.6	8.8	224.8	58.4	10,051.8
1996	4,481.1	1,102.0	3,247.8	181.0	315.0	416.1	14.9	209.0	61.1	9,875.9
1997	4,693.5	1,003.8	3,263.1	175.0	278.0	361.7	15.3	133.7	28.7	9,864.9
1998	4,669.9	977.0	3,338.0	162.0	310.0	278.7	26.7	130.6	18.6	9,820.9
1999	4,820.0	971.3	3,074.0	158.0	309.0	285.8	46.5	133.8	11.6	9,693.7
2000	4,695.7	951.3	3,150.9	159.0	308.0	279.3	69.5	112.1	12.1	9,574.7
2001	4,468.7	839.1	3,027.3	272.0	308.0	241.9	71.7	83.9	6.4	9,163.1
2002	4,509.6	829.3	2,950.6	269.0	289.0	242.8	84.4	59.9	5.3	9,060.6

Table 7—Volume of softwood timber harvested on national forest regions in the United States by year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	2.8	40.4	NA	NA	80.9	101.3	103.6	280.0	88.2
1951	3.4	37.0	NA	NA	106.4	100.5	142.6	318.0	91.1
1952	3.4	34.6	NA	NA	129.4	94.3	115.8	325.2	84.8
1953	3.6	35.8	16.8	129.8	154.7	102.1	115.8	383.9	89.7
1954	3.3	38.8	17.6	131.3	181.0	107.0	145.2	393.3	114.0
1955	3.6	36.1	20.0	127.6	234.8	132.5	184.9	429.6	107.4
1956	4.1	35.6	22.8	132.4	242.4	134.4	198.5	422.6	126.1
1957	4.0	44.6	22.2	109.0	193.7	100.6	170.3	366.8	125.6
1958	3.6	42.1	21.7	108.4	201.5	123.0	207.2	469.7	139.8
1959	3.7	46.7	24.9	111.8	254.9	139.3	275.1	662.2	182.2
1960	3.8	45.6	23.6	99.2	238.6	118.2	246.6	558.9	144.4
1961	4.0	44.1	24.5	94.1	266.8	116.4	256.2	586.9	164.2
1962	4.4	47.1	25.7	90.2	284.8	140.6	258.0	681.4	193.6
1963	4.0	48.7	26.3	96.2	342.7	154.0	311.9	716.4	212.3
1964	3.8	41.7	28.3	104.0	331.1	157.7	351.9	758.2	233.7
1965	3.7	40.6	29.7	111.6	367.0	160.1	358.0	807.3	263.5
1966	3.7	43.1	30.5	123.0	370.4	183.5	368.5	690.8	243.5
1967	3.9	38.1	30.2	128.3	340.7	185.4	359.9	669.3	253.6
1968	3.8	34.8	31.3	145.1	393.4	197.3	452.3	778.7	273.0
1969	3.9	37.8	32.6	164.2	399.8	187.5	379.9	702.7	266.1
1970	3.9	38.7	34.5	168.0	325.9	164.3	353.0	600.0	213.3
1971	3.5	36.4	36.9	170.9	339.1	163.2	397.6	616.0	247.0
1972	3.3	37.3	42.5	174.8	320.6	157.8	429.2	762.8	296.1
1973	3.3	39.0	47.0	173.5	297.8	159.1	393.0	781.3	285.9
1974	3.1	41.6	50.1	163.4	265.7	151.2	340.1	586.8	284.6
1975	2.7	40.4	49.6	153.0	225.9	141.3	296.8	471.3	277.0
1976	2.8	44.1	57.2	164.2	297.4	157.0	372.9	571.6	303.5
1977	3.0	45.5	58.2	170.4	266.2	166.3	356.7	544.0	275.9
1978	3.6	52.0	59.8	171.9	261.3	143.7	357.2	613.5	287.5
1979	4.1	54.2	61.8	176.5	259.3	150.7	344.2	624.7	251.1
1980	4.5	49.0	60.8	162.8	213.2	122.7	301.6	469.9	228.0
1981	5.1	45.6	60.7	159.8	222.9	115.0	218.4	384.7	211.0
1982	5.4	44.0	58.9	152.3	145.0	106.1	187.5	313.6	178.0
1983	6.1	43.7	61.6	159.7	262.0	180.6	335.3	548.9	308.6
1984	6.1	42.6	61.2	161.3	234.4	184.8	311.8	590.7	343.1
1985	7.0	46.9	57.8	155.0	259.3	186.5	363.1	595.4	355.3
1986	7.5	54.2	58.0	165.8	267.8	221.8	390.5	661.2	389.8
1987	7.9	54.9	66.5	163.5	288.1	211.6	392.1	694.1	394.0
1988	8.7	57.3	72.1	157.7	248.7	213.7	432.1	755.8	345.5
1989	10.7	59.0	77.2	150.5	276.3	203.6	402.9	606.2	386.6
1990	10.3	54.9	86.6	155.2	243.3	168.4	304.2	388.4	309.2
1991	11.2	57.9	90.3	148.2	218.3	162.4	267.2	296.8	253.4
1992	10.2	53.7	83.6	143.3	208.1	142.4	204.3	193.0	203.0
1993	9.2	50.0	70.1	138.1	177.8	91.6	147.8	140.5	191.1
1994	8.5	45.7	59.7	137.4	133.1	85.8	161.5	85.2	104.5
1995	7.7	38.9	50.7	132.7	97.6	63.3	108.8	64.1	97.9
1996	7.0	33.7	39.6	128.3	109.5	47.0	91.5	58.9	88.4
1997	5.9	29.7	34.8	110.3	98.1	57.6	109.6	67.0	95.0
1998	4.5	25.5	28.2	91.4	88.6	60.2	90.6	53.4	71.7
1999	3.5	20.6	20.6	73.0	65.7	57.2	88.3	43.4	63.2
2000	2.4	18.1	14.4	53.0	57.5	49.0	73.5	30.8	46.1
2001	1.3	16.2	8.3	31.9	42.5	50.6	59.4	10.4	42.0
2002	.3	12.3	2.0	13.7	59.2	47.5	59.7	15.4	44.3

NA = not available.

Table 8—Volume of softwood timber harvested on other public lands in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	8.2	68.7	NA	NA	57.3	35.0	5.7	271.2	84.2
1951	9.4	61.2	NA	NA	49.7	28.7	7.5	205.2	80.2
1952	8.8	55.6	NA	NA	52.7	29.7	7.1	188.4	81.9
1953	9.0	56.1	54.0	97.5	47.4	31.8	8.2	232.5	98.0
1954	7.9	59.3	50.6	94.2	54.2	33.9	8.7	262.9	77.0
1955	8.3	53.9	52.4	87.0	41.6	26.1	9.2	241.9	90.1
1956	9.1	51.8	54.6	85.2	54.4	33.9	12.1	215.6	80.5
1957	8.7	63.5	49.0	65.6	42.6	54.2	12.7	238.8	55.3
1958	7.5	58.8	44.4	60.5	51.9	39.2	14.4	240.8	85.9
1959	7.5	63.7	47.4	57.2	58.3	42.0	18.5	256.9	90.2
1960	7.4	61.0	42.2	45.6	54.4	37.3	16.9	227.0	87.4
1961	7.6	57.9	41.2	38.1	46.6	37.9	18.6	285.2	85.3
1962	8.1	60.7	40.7	31.1	49.9	29.9	21.2	294.4	97.7
1963	7.9	63.7	43.3	31.8	35.7	24.9	22.8	416.2	112.0
1964	8.0	55.3	48.1	32.8	47.7	40.3	27.8	402.1	113.0
1965	8.4	54.8	52.0	33.6	46.5	39.1	28.9	412.1	114.4
1966	9.0	59.1	55.1	35.4	50.8	34.3	30.4	396.4	121.1
1967	10.2	53.1	56.0	35.2	56.0	36.5	29.3	368.8	133.3
1968	10.6	49.2	59.7	37.9	52.4	44.2	37.1	492.4	123.7
1969	11.5	54.4	63.8	40.8	43.1	47.1	33.3	440.6	100.7
1970	12.3	56.7	69.1	39.6	61.5	63.3	28.7	454.1	94.7
1971	12.1	52.0	66.4	41.5	64.0	60.3	27.3	479.7	108.1
1972	12.5	51.9	69.3	43.7	64.9	65.1	28.1	557.6	105.7
1973	14.0	52.9	70.3	44.7	79.9	51.4	25.9	506.3	109.3
1974	14.5	55.1	69.1	43.4	61.6	52.0	19.4	409.8	70.0
1975	13.9	52.2	63.5	41.9	42.2	52.2	15.4	299.7	64.2
1976	15.7	55.7	68.2	46.4	60.1	55.6	16.2	484.4	83.9
1977	15.4	55.3	71.4	50.2	64.2	53.1	15.7	482.4	108.5
1978	17.2	60.7	75.6	52.8	76.6	63.9	15.3	475.4	98.4
1979	18.1	60.7	80.4	56.4	63.2	58.0	19.8	580.9	116.2
1980	18.2	52.7	81.6	54.2	48.4	93.0	15.6	413.3	74.2
1981	19.7	46.9	83.9	55.5	55.0	93.8	10.6	322.1	72.0
1982	19.6	43.3	84.1	55.1	43.5	79.7	15.5	218.8	54.8
1983	20.8	41.0	90.8	60.2	60.8	37.7	14.4	363.3	56.8
1984	19.6	38.0	93.1	63.3	61.2	40.1	12.5	467.5	65.9
1985	21.5	39.9	90.9	63.4	58.6	33.9	10.9	523.0	49.1
1986	22.1	43.7	94.4	70.7	62.0	34.2	17.6	542.6	53.5
1987	20.8	45.9	96.3	70.4	73.4	38.9	22.1	568.8	69.8
1988	20.6	49.6	93.3	68.6	92.0	40.5	14.4	605.1	69.3
1989	22.9	52.7	89.7	66.3	90.2	27.9	12.7	521.0	52.2
1990	19.9	50.4	90.4	69.2	97.4	27.4	11.4	405.3	51.6
1991	19.7	54.7	85.0	67.0	79.7	28.2	21.3	306.7	54.4
1992	19.8	57.7	90.8	64.4	96.8	22.9	16.8	303.8	41.4
1993	19.8	61.6	89.3	61.6	67.1	25.7	12.0	240.9	35.1
1994	20.4	65.0	91.0	60.9	59.3	29.0	11.9	167.4	51.3
1995	20.7	64.6	95.1	58.3	73.0	26.0	14.5	203.6	54.6
1996	21.0	66.0	95.5	55.9	72.4	27.5	18.3	263.6	65.9
1997	20.8	65.1	99.5	56.5	64.6	22.1	14.6	241.8	58.5
1998	19.4	63.3	99.0	56.8	87.4	22.4	11.4	230.0	62.2
1999	19.7	58.8	93.9	57.6	87.1	23.4	9.7	267.8	71.3
2000	19.5	61.0	94.1	57.2	79.7	22.0	11.2	226.4	74.9
2001	17.8	67.0	94.3	54.2	74.0	15.9	8.1	222.6	69.3
2002	16.8	65.5	94.7	54.5	66.1	17.1	7.5	201.4	63.3

NA = not available.

Table 9—Volume of softwood timber harvested by forest industry in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	118.1	71.3	NA	NA	86.0	0.6	283.1	1,034.1	83.8
1951	136.3	61.0	NA	NA	76.8	.6	316.8	1,000.9	100.8
1952	127.8	53.2	NA	NA	83.9	.7	321.3	1,090.8	136.3
1953	131.8	51.6	331.8	447.1	77.8	.9	377.2	1,016.5	142.7
1954	115.3	52.2	309.4	454.5	81.4	1.0	379.8	972.2	160.5
1955	121.9	45.4	318.7	444.0	73.1	.8	395.7	1,089.6	162.5
1956	133.3	41.7	330.3	463.4	99.2	1.2	453.8	1,035.1	123.1
1957	128.0	48.9	295.1	383.6	80.5	2.0	437.7	985.8	130.3
1958	110.9	43.1	265.7	384.1	102.1	1.5	431.0	1,012.4	151.1
1959	110.3	44.4	282.6	399.0	119.8	1.7	489.3	1,019.1	160.2
1960	109.5	40.4	250.0	356.4	116.8	1.6	428.4	1,011.9	168.8
1961	112.4	36.3	242.7	340.7	104.9	1.7	425.2	970.1	156.5
1962	119.9	36.0	238.5	329.4	117.9	1.4	435.7	972.3	158.3
1963	117.2	38.2	258.0	351.5	83.7	1.6	406.7	988.2	147.2
1964	119.2	33.5	291.5	379.7	111.0	3.2	417.4	921.9	143.9
1965	123.7	33.5	319.3	407.5	107.1	3.8	396.4	1,045.9	133.5
1966	132.7	36.5	342.8	449.3	116.1	4.0	383.1	1,105.0	153.9
1967	150.0	33.1	352.7	468.4	126.8	5.0	358.5	1,125.6	123.6
1968	155.8	31.0	380.2	530.0	117.6	7.0	372.2	1,184.0	134.5
1969	169.2	34.6	410.3	599.6	95.7	8.6	379.5	1,154.5	150.9
1970	181.0	36.4	448.6	613.2	110.1	13.1	351.9	1,441.7	177.1
1971	172.9	33.8	431.1	661.4	111.7	10.1	351.1	1,296.1	151.3
1972	173.6	34.2	450.4	716.5	117.4	8.5	380.1	1,167.7	136.9
1973	190.3	35.2	456.9	752.6	138.5	4.9	426.4	1,014.3	124.4
1974	192.6	37.1	449.0	749.1	131.8	3.4	376.9	1,099.2	112.6
1975	180.0	35.6	412.7	740.9	204.2	1.9	354.1	1,180.8	111.1
1976	199.3	38.4	443.4	839.6	160.1	.5	388.3	1,315.8	119.3
1977	201.5	39.5	467.2	887.5	196.6	.7	436.6	1,298.3	111.7
1978	232.6	45.0	497.3	912.4	206.5	1.2	417.3	1,315.8	105.4
1979	252.7	46.7	532.1	954.9	194.1	1.4	404.0	1,337.1	125.9
1980	261.5	42.2	542.8	898.3	189.3	2.7	349.9	1,200.3	116.4
1981	290.7	39.1	561.3	899.4	174.6	3.3	355.0	1,087.4	121.7
1982	297.1	37.6	565.6	874.8	221.3	3.3	342.5	1,308.3	160.2
1983	324.4	37.2	613.5	937.0	217.6	1.8	287.1	1,300.5	119.1
1984	313.0	36.2	632.7	966.3	207.8	2.3	360.1	1,189.5	85.8
1985	350.8	39.8	620.5	948.9	215.3	2.2	346.7	1,149.1	96.2
1986	369.2	45.8	647.5	1,038.4	282.6	2.6	411.0	1,222.1	89.5
1987	375.0	42.2	727.3	1,063.5	260.6	3.2	481.2	1,270.7	96.8
1988	400.2	40.0	774.6	1,068.0	252.8	3.6	486.2	1,139.2	108.0
1989	479.0	37.2	817.2	1,063.1	235.0	2.6	440.7	1,243.5	104.4
1990	448.4	31.1	903.6	1,146.0	188.7	2.8	496.3	1,190.3	112.6
1991	478.9	29.3	931.2	1,145.8	175.6	3.0	468.9	1,115.7	145.7
1992	407.6	29.8	944.6	1,140.6	158.9	2.4	432.0	1,068.7	125.0
1993	340.9	30.7	881.4	1,132.0	150.7	2.8	364.9	950.2	89.1
1994	288.6	31.4	853.0	1,161.6	158.7	3.1	328.9	1,036.0	134.1
1995	234.5	30.2	845.7	1,158.9	191.2	2.8	330.0	1,097.2	104.9
1996	182.6	30.0	805.0	1,158.7	195.8	2.9	324.9	1,051.3	94.3
1997	181.1	29.2	836.3	1,172.8	182.3	2.4	307.8	985.2	93.7
1998	169.3	28.1	829.7	1,179.6	203.3	2.4	305.9	1,019.9	106.3
1999	171.4	25.8	784.4	1,196.5	218.6	2.5	295.1	940.1	101.2
2000	169.7	26.5	783.9	1,189.1	218.4	2.4	289.4	992.3	88.4
2001	155.1	28.7	782.4	1,128.4	214.2	1.7	253.6	971.1	85.9
2002	146.6	27.7	783.8	1,133.9	196.3	1.8	228.5	923.5	80.0

NA = not available.

Table 10—Volume of softwood timber harvested by nonindustrial private forest landowners in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	416.5	135.2	NA	NA	93.8	59.5	373.2	280.2	89.5
1951	473.5	119.6	NA	NA	80.9	46.4	403.1	267.5	104.0
1952	437.4	108.0	NA	NA	85.5	45.4	379.8	287.1	136.3
1953	445.0	108.4	1,484.5	576.1	76.4	46.4	418.2	261.3	138.0
1954	383.5	113.7	1,392.1	625.1	88.7	46.9	395.3	246.7	149.8
1955	400.0	102.7	1,442.1	651.1	66.4	34.4	384.2	272.4	147.2
1956	431.2	98.2	1,503.0	724.3	86.2	42.6	411.5	253.4	107.9
1957	408.3	119.6	1,350.7	638.9	66.9	64.7	370.9	238.8	110.6
1958	348.8	110.0	1,222.9	681.3	80.9	44.6	335.6	240.8	124.3
1959	342.1	118.5	1,308.2	753.4	90.2	45.6	355.3	237.8	126.9
1960	335.1	112.8	1,164.0	716.6	83.3	38.6	292.7	232.8	129.8
1961	339.3	106.3	1,136.8	729.3	70.6	37.4	270.1	218.9	115.6
1962	357.1	111.0	1,123.5	750.8	74.5	28.1	256.1	216.1	113.4
1963	328.7	116.8	1,122.2	786.0	55.3	21.8	238.1	218.6	99.2
1964	315.4	101.8	1,175.0	833.1	76.8	32.4	237.4	201.1	92.1
1965	309.2	101.2	1,196.3	877.3	77.5	28.4	223.8	224.1	79.7
1966	313.9	109.4	1,197.4	949.3	87.9	22.2	218.4	235.4	87.5
1967	335.9	98.7	1,150.8	971.4	100.4	20.4	208.1	236.2	65.9
1968	330.9	91.8	1,161.6	1,078.9	97.3	20.7	204.3	247.5	67.6
1969	341.0	101.8	1,176.3	1,198.4	82.8	17.4	209.6	276.4	49.1
1970	346.4	106.4	1,208.4	1,203.3	99.6	16.6	198.0	200.3	57.1
1971	322.8	97.0	1,157.1	1,226.1	105.7	20.0	176.5	165.0	78.4
1972	316.1	96.4	1,204.4	1,256.2	116.2	25.7	170.9	216.1	54.6
1973	338.0	97.6	1,217.4	1,249.3	139.8	23.3	172.2	302.9	65.2
1974	333.8	101.1	1,191.9	1,178.3	112.3	26.4	136.8	250.6	52.2
1975	304.4	95.2	1,091.5	1,105.2	86.2	29.1	114.3	192.1	32.5
1976	329.0	100.9	1,168.4	1,188.7	109.2	33.6	108.6	181.7	46.9
1977	309.9	105.3	1,209.1	1,258.8	126.7	33.3	111.0	204.3	69.0
1978	333.5	121.5	1,264.4	1,296.5	113.4	41.5	96.2	165.7	57.7
1979	338.2	127.8	1,329.4	1,359.4	130.2	39.3	84.1	207.0	64.2
1980	326.7	116.8	1,332.5	1,281.2	88.5	65.8	65.5	120.1	42.3
1981	339.3	109.7	1,354.4	1,285.0	78.0	69.3	59.4	111.7	35.9
1982	324.0	106.8	1,341.5	1,252.1	51.9	61.7	51.0	114.0	28.5
1983	330.6	107.1	1,430.5	1,343.7	67.9	30.7	45.7	123.4	26.0
1984	298.0	105.2	1,450.5	1,388.2	77.8	34.4	61.3	194.7	38.3
1985	312.0	117.1	1,399.0	1,365.7	55.1	30.7	63.2	254.5	28.2
1986	306.6	136.5	1,435.6	1,497.2	69.3	32.9	80.2	303.6	34.7
1987	283.7	132.5	1,477.7	1,551.8	83.8	42.2	100.7	414.4	47.4
1988	275.4	132.7	1,445.5	1,577.2	97.1	49.0	125.9	430.4	46.1
1989	299.4	131.1	1,403.6	1,588.6	93.2	37.3	118.2	527.6	43.5
1990	254.0	117.0	1,431.0	1,732.8	146.5	40.1	137.3	504.6	48.0
1991	245.2	118.7	1,361.4	1,753.1	154.1	45.0	133.3	478.4	48.6
1992	284.8	121.4	1,454.3	1,770.6	173.1	36.4	125.8	470.3	80.3
1993	319.9	125.7	1,429.1	1,783.0	173.8	40.9	128.3	450.1	65.2
1994	362.9	128.8	1,457.1	1,856.4	198.6	46.1	134.8	528.4	97.7
1995	399.1	124.6	1,522.5	1,879.0	165.4	41.4	121.2	455.4	75.5
1996	432.2	124.0	1,527.9	1,906.0	138.5	43.8	129.2	373.6	65.3
1997	429.7	126.2	1,605.4	1,940.2	171.8	35.2	131.9	321.3	61.0
1998	402.8	126.7	1,610.5	1,962.2	145.6	35.8	140.9	328.5	57.4
1999	409.1	121.3	1,539.8	2,001.5	157.3	37.3	145.9	360.6	60.7
2000	406.3	129.7	1,556.2	1,999.9	128.0	35.0	153.3	351.2	64.2
2001	372.4	146.5	1,570.6	1,908.2	118.2	25.3	143.8	317.9	53.3
2002	353.0	147.3	1,591.0	1,927.7	127.6	27.2	138.4	332.0	52.9

NA = not available.

Table 11—Percentage of total regional hardwood cut by owner group, 1950-2002

Year	Northeast region				North Central region			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	1.9	4.6	9.4	84.1	3.4	4.8	8.5	83.3
1951	1.9	4.7	9.3	84.1	3.5	4.9	8.2	83.4
1952	1.9	4.7	9.3	84.1	3.5	5.1	7.9	83.5
1953	1.9	4.7	9.2	84.2	3.6	5.2	7.6	83.6
1954	1.9	4.8	9.1	84.2	3.7	5.4	7.3	83.6
1955	1.9	4.8	9.1	84.2	3.7	5.5	7.0	83.7
1956	1.9	4.9	9.0	84.3	3.8	5.7	6.7	83.8
1957	1.8	4.9	8.9	84.3	3.9	5.8	6.4	83.9
1958	1.8	4.9	8.9	84.4	3.9	6.0	6.1	84.0
1959	1.8	5.0	8.8	84.4	4.0	6.1	5.9	84.0
1960	1.8	5.0	8.7	84.4	4.1	6.2	5.6	84.1
1961	1.8	5.1	8.7	84.5	4.2	6.4	5.3	84.2
1962	1.8	5.1	8.6	84.5	4.2	6.5	5.0	84.3
1963	1.9	5.1	9.1	83.9	4.2	6.6	5.1	84.1
1964	2.0	5.1	9.5	83.4	4.2	6.7	5.2	83.8
1965	2.1	5.1	10.0	82.9	4.2	6.8	5.3	83.6
1966	2.2	5.0	10.5	82.3	4.3	6.9	5.4	83.4
1967	2.3	5.0	10.9	81.8	4.3	7.0	5.5	83.2
1968	2.4	5.0	11.4	81.2	4.3	7.1	5.6	83.0
1969	2.4	5.0	11.9	80.7	4.3	7.2	5.7	82.8
1970	2.5	5.0	12.3	80.1	4.3	7.3	5.8	82.6
1971	2.7	4.8	12.8	79.7	4.3	7.4	5.9	82.3
1972	2.9	4.6	13.2	79.3	4.4	7.5	5.9	82.1
1973	3.1	4.4	13.7	78.8	4.5	7.6	5.9	81.9
1974	3.3	4.2	14.1	78.4	4.6	7.7	6.0	81.7
1975	3.5	4.0	14.6	78.0	4.6	7.8	6.0	81.5
1976	3.6	3.8	15.0	77.5	4.7	7.9	6.1	81.3
1977	3.4	3.7	14.9	77.9	4.8	7.8	6.6	80.8
1978	3.3	3.7	14.8	78.2	5.0	7.6	7.2	80.3
1979	3.1	3.7	14.7	78.5	5.1	7.4	7.7	79.8
1980	2.9	3.7	14.7	78.8	5.2	7.2	8.3	79.3
1981	2.7	3.7	14.6	79.1	5.4	7.0	8.8	78.8
1982	2.5	3.7	14.5	79.4	5.5	6.8	9.4	78.3
1983	2.3	3.6	14.4	79.8	5.6	6.6	9.9	77.8
1984	2.1	3.6	14.3	80.1	5.8	6.4	10.5	77.3
1985	1.9	3.6	14.2	80.4	5.9	6.2	11.0	76.8
1986	1.7	3.6	14.1	80.7	6.0	6.0	11.6	76.4
1987	1.9	4.6	17.5	76.1	6.0	7.3	11.2	75.4
1988	2.1	5.6	20.9	71.5	6.1	8.6	10.8	74.5
1989	2.2	6.6	24.4	66.8	6.1	9.9	10.4	73.6
1990	2.4	7.5	27.8	62.2	6.1	11.1	10.0	72.7
1991	2.6	8.5	31.2	57.6	6.2	12.4	9.6	71.8
1992	2.5	7.9	28.7	61.0	6.0	13.6	9.4	71.1
1993	2.3	7.2	26.1	64.3	5.7	14.8	9.1	70.3
1994	2.2	6.6	23.5	67.7	5.5	16.0	8.9	69.6
1995	2.1	5.9	20.9	71.1	5.3	17.2	8.6	68.9
1996	1.9	5.3	18.4	74.4	5.1	18.4	8.3	68.2
1997	1.7	5.3	18.4	74.6	4.9	18.2	8.2	68.7
1998	1.5	5.3	18.4	74.9	4.7	18.0	8.1	69.2
1999	1.2	5.3	18.4	75.1	4.5	17.9	7.9	69.7
2000	1.0	5.3	18.4	75.3	4.3	17.7	7.8	70.3
2001	.8	5.3	18.4	75.5	4.1	17.5	7.6	70.8
2002	.5	5.3	18.5	75.7	3.8	17.3	7.5	71.3

Table 11—Percentage of total regional hardwood cut by owner group, 1950-2002 (continued)

Year	Southeast region				South Central region			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	1.1	1.5	17.0	80.4	3.6	3.1	11.6	81.7
1951	1.2	1.5	16.8	80.5	3.6	3.0	12.5	80.9
1952	1.2	1.5	16.6	80.6	3.5	3.0	13.4	80.1
1953	1.3	1.5	16.5	80.7	3.4	2.9	14.3	79.4
1954	1.3	1.5	16.3	80.8	3.4	2.8	15.2	78.6
1955	1.4	1.5	16.1	81.0	3.3	2.7	16.1	77.8
1956	1.4	1.5	16.0	81.1	3.2	2.7	17.0	77.1
1957	1.5	1.5	15.8	81.2	3.2	2.6	17.9	76.3
1958	1.5	1.5	15.6	81.3	3.1	2.5	18.8	75.5
1959	1.5	1.5	15.5	81.4	3.0	2.4	19.7	74.8
1960	1.6	1.5	15.3	81.6	3.0	2.4	20.7	74.0
1961	1.6	1.5	15.1	81.7	2.9	2.3	21.6	73.2
1962	1.7	1.5	15.0	81.8	2.8	2.2	22.5	72.5
1963	1.8	1.7	15.0	81.5	2.8	2.3	21.8	73.1
1964	1.9	1.8	15.0	81.3	2.9	2.4	21.0	73.7
1965	2.0	2.0	15.1	81.0	2.9	2.4	20.3	74.4
1966	2.1	2.1	15.1	80.7	2.9	2.5	19.6	75.0
1967	2.1	2.3	15.1	80.5	2.9	2.5	18.9	75.7
1968	2.2	2.4	15.2	80.2	2.9	2.6	18.2	76.3
1969	2.3	2.6	15.2	79.9	2.9	2.7	17.5	77.0
1970	2.4	2.7	15.2	79.6	2.9	2.7	16.8	77.6
1971	2.4	2.8	15.1	79.7	2.7	3.0	17.2	77.1
1972	2.3	2.9	15.0	79.7	2.5	3.3	17.6	76.6
1973	2.2	3.0	14.9	79.8	2.3	3.6	18.0	76.0
1974	2.2	3.2	14.8	79.8	2.2	3.9	18.4	75.5
1975	2.1	3.3	14.7	79.9	2.0	4.2	18.8	75.0
1976	2.1	3.4	14.6	79.9	1.8	4.5	19.2	74.4
1977	2.0	3.3	14.6	80.2	1.9	4.4	19.3	74.4
1978	1.9	3.2	14.5	80.4	1.9	4.4	19.4	74.4
1979	1.8	3.2	14.4	80.6	1.9	4.3	19.4	74.4
1980	1.7	3.1	14.3	80.9	1.9	4.2	19.5	74.4
1981	1.6	3.0	14.3	81.1	2.0	4.1	19.5	74.4
1982	1.5	3.0	14.2	81.4	2.0	4.1	19.6	74.3
1983	1.4	2.9	14.1	81.6	2.0	4.0	19.6	74.3
1984	1.3	2.8	14.1	81.8	2.0	3.9	19.7	74.3
1985	1.2	2.7	14.0	82.1	2.1	3.9	19.8	74.3
1986	1.1	2.7	13.9	82.3	2.1	3.8	19.8	74.3
1987	1.4	2.6	15.2	80.7	2.3	3.6	21.4	72.7
1988	1.8	2.6	16.5	79.2	2.6	3.3	23.0	71.1
1989	2.1	2.6	17.7	77.6	2.8	3.1	24.6	69.5
1990	2.5	2.5	19.0	76.0	3.0	2.8	26.3	67.9
1991	2.8	2.5	20.3	74.4	3.2	2.6	27.9	66.3
1992	2.9	2.5	20.0	74.6	3.1	2.5	26.4	67.9
1993	3.0	2.5	19.7	74.7	3.0	2.5	25.0	69.5
1994	3.2	2.5	19.4	74.9	2.8	2.5	23.6	71.1
1995	3.3	2.5	19.1	75.1	2.7	2.4	22.1	72.8
1996	3.4	2.6	18.8	75.2	2.5	2.4	20.7	74.4
1997	2.9	2.8	18.2	76.1	2.2	2.4	20.3	75.1
1998	2.4	3.0	17.7	76.9	1.8	2.5	19.9	75.8
1999	1.9	3.2	17.1	77.8	1.5	2.5	19.5	76.5
2000	1.5	3.4	16.5	78.6	1.1	2.5	19.1	77.2
2001	1.0	3.6	15.9	79.5	.8	2.5	18.8	77.9
2002	.5	3.8	15.4	80.3	.4	2.6	18.4	78.6

Table 11—Percentage of total regional hardwood cut by owner group, 1950-2002 (continued)

Year	Northern Rockies region				Southern Rockies region			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	33.3	16.7	24.3	25.7	68.7	10.0	0.5	20.9
1951	35.0	16.1	24.2	24.8	68.6	10.2	.5	20.7
1952	36.7	15.5	24.0	23.8	68.6	10.4	.5	20.5
1953	38.3	15.0	23.9	22.8	68.5	10.7	.5	20.3
1954	40.0	14.4	23.7	21.8	68.4	10.9	.5	20.1
1955	41.7	13.8	23.6	20.9	68.4	11.1	.5	20.0
1956	43.4	13.2	23.5	19.9	68.3	11.4	.5	19.8
1957	45.1	12.6	23.3	18.9	68.3	11.6	.5	19.6
1958	46.8	12.1	23.2	18.0	68.2	11.8	.6	19.4
1959	48.5	11.5	23.0	17.0	68.1	12.1	.6	19.2
1960	50.2	10.9	22.9	16.0	68.1	12.3	.6	19.1
1961	51.9	10.3	22.8	15.1	68.0	12.5	.6	18.9
1962	53.6	9.7	22.6	14.1	68.0	12.8	.6	18.7
1963	52.3	10.0	22.7	15.0	70.3	11.6	.7	17.3
1964	51.0	10.2	22.8	16.0	72.7	10.5	.8	15.9
1965	49.7	10.5	23.0	16.9	75.1	9.4	1.0	14.5
1966	48.4	10.8	23.1	17.8	77.5	8.3	1.1	13.2
1967	47.0	11.0	23.2	18.8	79.9	7.1	1.2	11.8
1968	45.7	11.3	23.3	19.7	82.2	6.0	1.4	10.4
1969	44.4	11.5	23.4	20.6	84.6	4.9	1.5	9.0
1970	43.1	11.8	23.5	21.6	87.0	3.7	1.6	7.6
1971	46.5	11.2	22.1	20.1	84.4	3.3	1.4	11.0
1972	49.9	10.7	20.7	18.7	81.7	2.8	1.1	14.3
1973	53.3	10.2	19.3	17.2	79.1	2.4	.8	17.7
1974	56.7	9.7	17.9	15.8	76.4	1.9	.6	21.0
1975	60.1	9.1	16.5	14.3	73.8	1.5	.3	24.4
1976	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1977	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1978	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1979	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1980	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1981	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1982	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1983	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1984	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1985	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1986	63.4	8.6	15.1	12.9	71.2	1.0	0	27.8
1987	54.1	9.2	23.0	13.7	63.5	1.3	.1	35.1
1988	44.7	9.7	31.0	14.6	55.8	1.6	.1	42.4
1989	35.4	10.3	38.9	15.4	48.2	1.9	.1	49.8
1990	26.0	10.9	46.9	16.2	40.5	2.2	.2	57.1
1991	16.7	11.4	54.8	17.1	32.9	2.4	.2	64.5
1992	14.2	11.3	60.5	13.9	36.6	4.6	.6	58.3
1993	11.8	11.2	66.2	10.8	40.3	6.8	.9	52.0
1994	9.4	11.0	71.8	7.7	44.0	9.0	1.2	45.8
1995	6.9	10.9	77.5	4.6	47.7	11.2	1.6	39.6
1996	4.5	10.8	83.2	1.5	51.4	13.3	1.9	33.4
1997	3.9	10.9	83.7	1.5	47.3	15.4	2.2	35.2
1998	3.3	10.9	84.3	1.4	43.2	17.4	2.5	37.0
1999	2.8	11.0	84.9	1.3	39.1	19.4	2.8	38.8
2000	2.2	11.1	85.5	1.2	35.0	21.4	3.0	40.6
2001	1.6	11.2	86.1	1.1	30.9	23.4	3.3	42.4
2002	1.0	11.3	86.7	1.1	26.8	25.5	3.6	44.2

Table 11—Percentage of total regional hardwood cut by owner group, 1950-2002 (continued)

Year	Pacific Southwest region				Pacific Northwest West region			
	National forest	Other government	Forest industry	Nonindustrial private	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>							
1950	31.6	9.3	24.9	34.2	0	16.1	58.1	25.8
1951	31.8	9.5	24.4	34.3	0	16.1	58.1	25.8
1952	32.0	9.6	24.0	34.4	0	16.1	58.1	25.8
1953	32.2	9.7	23.6	34.5	.2	15.0	56.5	28.3
1954	32.4	9.8	23.1	34.7	.4	14.0	54.9	30.8
1955	32.6	9.9	22.7	34.8	.5	12.9	53.3	33.3
1956	32.9	10.0	22.2	34.9	.7	11.8	51.7	35.8
1957	33.1	10.1	21.8	35.0	.9	10.7	50.1	38.3
1958	33.3	10.3	21.3	35.1	1.1	9.6	48.5	40.8
1959	33.5	10.4	20.9	35.3	1.2	8.5	46.9	43.4
1960	33.7	10.5	20.4	35.4	1.4	7.4	45.3	45.9
1961	33.9	10.6	20.0	35.5	1.6	6.3	43.7	48.4
1962	34.1	10.7	19.5	35.6	1.8	5.3	42.1	50.9
1963	34.1	10.5	19.4	36.0	2.4	6.5	43.3	47.8
1964	34.0	10.2	19.3	36.4	3.1	7.8	44.5	44.6
1965	34.0	10.0	19.2	36.8	3.7	9.0	45.7	41.5
1966	33.9	9.8	19.1	37.2	4.4	10.3	46.9	38.4
1967	33.8	9.5	19.0	37.6	5.1	11.5	48.1	35.3
1968	33.8	9.3	18.9	38.0	5.7	12.8	49.3	32.1
1969	33.7	9.1	18.8	38.4	6.4	14.0	50.6	29.0
1970	33.6	8.8	18.7	38.8	7.1	15.3	51.8	25.9
1971	28.8	10.1	19.2	41.8	6.0	15.1	50.0	28.9
1972	24.0	11.3	19.8	44.8	4.9	15.0	48.2	31.9
1973	19.2	12.6	20.3	47.8	3.8	14.8	46.4	35.0
1974	14.5	13.9	20.9	50.8	2.8	14.7	44.6	38.0
1975	9.7	15.1	21.4	53.8	1.7	14.5	42.8	41.0
1976	4.9	16.4	22.0	56.8	.6	14.3	41.0	44.1
1977	9.2	14.9	23.5	52.3	3.9	14.3	41.4	40.4
1978	13.6	13.5	25.0	47.9	7.2	14.3	41.8	36.7
1979	17.9	12.1	26.6	43.4	10.6	14.2	42.1	33.1
1980	22.3	10.6	28.1	39.0	13.9	14.2	42.5	29.4
1981	26.6	9.2	29.7	34.5	17.2	14.2	42.9	25.8
1982	31.0	7.8	31.2	30.0	20.5	14.1	43.3	22.1
1983	35.3	6.3	32.7	25.6	23.8	14.1	43.6	18.4
1984	39.7	4.9	34.3	21.1	27.1	14.1	44.0	14.8
1985	44.0	3.5	35.8	16.7	30.4	14.0	44.4	11.1
1986	48.4	2.1	37.3	12.2	33.8	14.0	44.8	7.5
1987	46.0	1.9	39.9	12.2	28.4	14.6	45.9	11.1
1988	43.6	1.8	42.4	12.1	23.1	15.2	47.1	14.7
1989	41.3	1.7	44.9	12.1	17.7	15.8	48.2	18.3
1990	38.9	1.6	47.5	12.0	12.4	16.4	49.4	21.9
1991	36.5	1.5	50.0	12.0	7.0	17.0	50.5	25.5
1992	36.2	1.4	50.0	12.4	5.9	16.2	48.4	29.6
1993	35.9	1.3	50.0	12.8	4.7	15.3	46.3	33.7
1994	35.6	1.2	50.0	13.2	3.6	14.5	44.1	37.8
1995	35.3	1.1	50.0	13.6	2.5	13.6	42.0	41.9
1996	35.0	1.0	50.0	14.0	1.3	12.8	39.9	46.0
1997	31.5	1.0	51.6	15.9	1.1	12.6	39.4	46.9
1998	28.1	1.1	53.2	17.7	1.0	12.4	38.8	47.8
1999	24.6	1.1	54.8	19.5	.8	12.2	38.3	48.6
2000	21.2	1.1	56.4	21.3	.6	12.1	37.8	49.5
2001	17.7	1.2	58.0	23.2	.4	11.9	37.3	50.4
2002	14.3	1.2	59.6	25.0	.3	11.7	36.7	51.2

Table 11—Percentage of total regional hardwood cut by owner group, 1950-2002 (continued)

Year	Pacific Northwest East region			
	National forest	Other government	Forest industry	Nonindustrial private
	<i>Percent</i>			
1950	0	0	0	0
1951	0	0	0	0
1952	0	0	0	0
1953	0	0	0	0
1954	0	0	0	0
1955	0	0	0	0
1956	0	0	0	0
1957	0	0	0	0
1958	0	0	0	0
1959	0	0	0	0
1960	0	0	0	0
1961	0	0	0	0
1962	0	0	0	0
1963	0	0	0	0
1964	0	0	0	0
1965	0	0	0	0
1966	0	0	0	0
1967	0	0	0	0
1968	0	0	0	0
1969	0	0	0	0
1970	0	0	0	0
1971	0	0	0	0
1972	0	0	0	0
1973	0	0	0	0
1974	0	0	0	0
1975	0	0	0	0
1976	0	0	0	0
1977	0	0	0	0
1978	0	0	0	0
1979	0	0	0	0
1980	0	0	0	0
1981	0	0	0	0
1982	0	0	0	0
1983	0	0	0	0
1984	0	0	0	0
1985	0	0	0	0
1986	0	0	0	0
1987	0	0	0	0
1988	0	0	0	0
1989	0	0	0	0
1990	0	0	0	0
1991	0	0	0	0
1992	0	0	0	0
1993	0	0	0	0
1994	0	0	0	0
1995	0	0	0	0
1996	0	0	0	0
1997	0	0	0	0
1998	0	0	0	0
1999	0	0	0	0
2000	0	0	0	0
2001	0	0	0	0
2002	0	0	0	0

Table 12—Volume of total hardwood timber harvested in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	806.6	1,137.0	716.2	1,316.9	1.7	14.6	9.2	46.2	0
1958	734.0	1,024.3	642.0	1,179.8	1.6	12.5	9.9	54.4	0
1959	739.3	1,033.6	665.4	1,214.7	1.9	11.5	10.8	56.7	0
1960	730.3	972.2	630.5	1,141.2	2.3	8.7	21.5	62.7	0
1961	712.6	954.4	620.0	1,087.7	1.9	8.6	16.5	71.9	0
1962	719.7	943.9	628.9	1,099.0	1.6	8.3	13.8	79.9	0
1963	691.5	934.0	637.3	1,113.9	2.0	13.9	17.0	86.6	0
1964	664.7	939.8	662.7	1,128.8	2.1	9.9	18.8	93.3	0
1965	656.0	859.2	722.4	1,409.5	2.9	12.6	22.4	106.9	0
1966	668.3	898.6	763.8	1,449.4	2.9	16.2	20.5	113.9	0
1967	654.6	865.7	766.3	1,381.9	2.1	17.1	24.1	114.1	0
1968	643.2	808.9	775.4	1,396.2	2.4	19.3	27.9	132.2	0
1969	643.3	836.7	794.0	1,456.3	2.6	21.0	28.1	116.1	0
1970	631.6	780.6	824.1	1,466.0	4.2	26.1	33.1	113.5	0
1971	624.7	843.8	815.0	1,438.3	5.2	23.3	34.0	119.1	0
1972	647.5	857.0	852.8	1,476.4	5.6	21.3	36.2	126.1	0
1973	693.6	902.8	887.4	1,453.5	5.3	17.7	35.8	137.5	0
1974	694.0	963.9	881.0	1,508.5	7.9	19.8	39.6	149.2	0
1975	625.8	831.5	781.4	1,218.4	6.3	13.8	31.5	110.0	0
1976	656.4	892.4	850.8	1,278.6	6.0	11.4	36.8	137.0	0
1977	730.0	980.8	919.2	1,361.3	6.7	13.9	40.8	134.6	0
1978	851.3	1,096.8	1,032.2	1,535.9	7.3	22.6	48.0	131.3	0
1979	968.2	1,199.2	1,088.6	1,613.1	8.2	24.8	55.7	147.2	0
1980	1,068.7	1,226.1	1,117.9	1,627.8	12.3	29.5	61.9	174.6	0
1981	1,095.4	1,247.4	1,085.5	1,483.8	10.4	18.4	65.1	177.2	0
1982	1,385.7	1,496.1	1,166.2	1,576.9	11.4	24.4	83.4	221.7	0
1983	1,444.5	1,613.7	1,215.7	1,678.1	11.6	21.0	86.6	188.0	0
1984	1,579.9	1,739.9	1,245.6	1,815.5	20.0	26.7	90.9	223.5	0
1985	1,632.3	1,750.7	1,187.2	1,709.3	17.3	34.7	84.8	225.0	0
1986	1,832.1	1,884.5	1,236.9	1,821.5	19.3	37.2	87.4	252.4	0
1987	1,633.7	1,746.0	1,170.6	1,841.9	18.1	35.1	80.1	245.3	0
1988	1,651.0	1,816.7	1,240.3	1,900.7	21.5	38.5	83.1	263.7	0
1989	1,631.1	1,824.8	1,228.7	1,936.4	17.0	34.9	90.3	262.6	0
1990	1,617.7	1,885.5	1,240.3	1,925.1	10.6	30.8	98.5	318.4	0
1991	1,785.8	2,038.3	1,333.1	1,935.3	11.6	31.3	118.3	381.4	0
1992	1,600.3	1,847.3	1,295.0	2,020.6	11.8	34.4	96.3	354.3	0
1993	1,512.1	1,750.7	1,357.7	2,002.0	12.1	42.6	88.6	337.4	0
1994	1,420.1	1,643.8	1,341.8	2,064.8	14.0	41.7	88.7	350.3	0
1995	1,444.3	1,569.7	1,433.6	2,273.5	14.8	47.8	91.3	352.4	0
1996	1,350.4	1,456.0	1,362.9	2,294.5	15.0	49.6	84.7	335.0	0
1997	1,403.8	1,422.9	1,343.6	2,129.7	7.9	44.8	77.5	336.8	0
1998	1,437.9	1,393.6	1,272.7	2,074.4	7.5	40.6	79.1	336.9	0
1999	1,465.0	1,361.4	1,298.5	2,037.9	7.7	37.6	86.3	352.9	0
2000	1,506.8	1,360.1	1,289.4	1,961.1	7.9	36.5	95.6	370.0	0
2001	1,429.2	1,281.0	1,272.6	1,788.0	8.1	28.2	95.5	346.3	0
2002	1,405.4	1,303.4	1,230.2	1,765.9	7.8	21.1	95.6	348.3	0

NA = not available.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002

Northeast region											
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
Million cubic feet roundwood equivalents											
1950	NA	NA	65.8	67.3	184.2	0	0	NA	2.54	0.87	0.08
1951	NA	6.84	77.6	64.0	181.0	0	0	3.3	2.82	1.55	.05
1952	NA	7.00	87.5	60.9	162.9	0	0	2.0	2.52	1.31	.05
1953	NA	7.02	92.1	60.9	173.6	0	0	2.9	3.83	.96	.03
1954	NA	6.38	93.5	61.7	183.0	0	0	2.4	4.33	.99	.13
1955	NA	7.74	106.2	61.4	190.5	0	0	3.1	2.88	1.09	.20
1956	NA	7.70	115.5	60.0	196.7	0	.1	3.1	4.28	1.15	.36
1957	420.2	6.73	117.5	59.2	200.7	0	.1	2.3	4.17	1.09	.33
1958	342.5	6.58	117.5	59.3	204.2	0	.1	1.9	5.53	.84	.33
1959	343.1	7.69	122.4	57.1	205.3	0	.3	1.9	4.81	.72	.40
1960	321.8	6.30	134.5	56.8	205.0	0	.2	2.1	7.26	.81	.53
1961	309.9	7.46	129.6	55.2	204.3	0	.2	1.3	6.41	.83	.63
1962	310.7	8.66	138.9	53.4	200.1	0	.2	1.6	8.97	.87	.38
1963	298.8	9.62	142.0	57.7	175.1	0	.3	1.4	9.25	1.01	.30
1964	305.3	10.93	130.0	59.5	151.8	0	.3	1.4	7.99	.91	.25
1965	290.6	11.71	133.2	60.1	150.7	0	.1	1.4	10.42	.80	.51
1966	302.5	11.43	146.7	58.4	139.2	0	.7	1.3	9.63	.85	.92
1967	296.1	8.98	152.9	52.2	130.5	0	.4	1.0	12.33	.98	2.11
1968	288.3	10.08	158.3	49.5	121.9	0	.4	1.1	12.01	.88	3.93
1969	294.6	9.23	169.1	45.7	109.7	0	.4	.9	10.11	.60	5.48
1970	271.7	7.99	182.8	43.1	111.7	0	0	.8	8.64	.69	6.48
1971	277.8	8.20	171.9	41.8	113.2	0	0	.6	7.35	.76	5.05
1972	297.7	8.65	162.7	40.5	120.5	0	0	.6	11.63	.63	6.52
1973	307.5	7.70	198.5	40.2	117.5	0	0	.5	14.01	.74	8.81
1974	288.4	5.97	204.2	38.7	132.6	0	0	.7	14.49	.59	10.34
1975	266.1	4.64	170.8	37.0	130.6	0	.3	.3	8.02	.47	8.73
1976	294.5	5.05	168.0	35.3	131.4	0	.4	.3	11.30	.69	10.79
1977	305.9	4.49	175.5	35.0	187.1	0	.6	.3	10.63	.83	11.12
1978	313.5	4.75	202.7	35.8	271.9	0	.6	.3	12.37	1.03	10.08
1979	339.8	4.43	206.0	36.3	354.5	0	.5	.3	14.41	.87	12.50
1980	336.0	3.86	216.4	35.6	448.4	.1	.6	.2	15.81	.98	12.21
1981	271.0	3.74	232.8	35.8	531.0	.9	.6	.3	9.95	.92	9.75
1982	328.9	5.41	227.5	35.2	760.0	8.5	.5	.4	12.29	.87	7.77
1983	334.3	6.48	241.6	34.8	790.4	16.6	0	.5	14.03	1.06	6.73
1984	374.3	5.82	209.7	34.3	909.0	23.6	0	.6	17.44	1.13	6.33
1985	340.9	5.19	277.8	32.7	928.0	30.2	0	.5	11.82	.40	6.17
1986	430.7	5.38	295.8	32.0	1,012.8	30.4	1.3	.5	17.90	.39	6.42
1987	437.8	5.89	273.4	29.4	832.2	30.6	1.4	.3	16.59	.27	6.65
1988	462.4	6.00	279.4	29.6	816.9	29.7	1.3	.2	16.96	.45	9.12
1989	471.3	4.69	291.4	29.3	780.7	31.9	1.4	1.4	13.75	.21	8.13
1990	476.6	3.45	263.6	26.7	787.3	31.8	3.5	.8	18.51	.10	7.14
1991	459.0	2.67	256.4	23.3	978.0	25.7	3.6	.6	20.77	.24	16.96
1992	461.1	2.44	283.5	43.2	720.2	37.9	3.8	.8	24.79	.03	24.19
1993	482.8	3.13	289.5	61.6	577.8	39.6	4.0	.7	27.32	.29	26.96
1994	475.8	3.78	303.8	51.1	484.9	41.7	4.1	1.0	31.72	.37	24.31
1995	512.8	3.87	296.8	60.5	452.9	51.4	4.0	1.1	34.42	.58	28.66
1996	500.1	3.75	278.0	63.2	373.1	74.4	5.3	1.4	31.65	.87	22.26
1997	520.0	3.93	311.9	60.8	367.0	85.3	6.8	2.0	39.92	.22	10.17
1998	537.9	4.12	315.8	56.0	375.9	90.7	8.0	1.7	41.36	.14	9.93
1999	543.7	4.24	294.0	54.8	408.7	96.6	8.2	1.8	46.55	.09	10.18
2000	530.6	4.76	290.9	55.1	442.5	97.2	8.5	2.7	71.43	.09	8.53
2001	485.3	4.42	260.1	18.7	476.6	98.0	7.7	2.7	74.63	.05	6.38
2002	477.7	4.40	232.7	18.7	479.1	97.3	8.8	3.2	85.29	.04	4.56

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Year	North Central region										
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	62.6	128.0	508.9	0	0.1	NA	0.70	4.26	0.01
1951	NA	12.14	71.7	121.8	500.0	0	.1	6.2	0.78	7.59	0
1952	NA	12.41	79.0	115.8	450.0	0	.1	3.8	0.70	6.43	0
1953	NA	12.45	155.3	113.0	428.6	0	.1	5.4	1.06	4.69	0
1954	NA	11.32	100.5	111.9	407.6	0	.1	4.5	1.20	4.85	.01
1955	NA	13.74	115.0	109.1	385.6	0	.1	5.8	0.80	5.34	.02
1956	NA	13.66	128.4	104.4	364.0	0	.1	5.9	1.18	5.66	.04
1957	559.9	11.93	125.7	101.2	341.4	0	.2	4.4	1.15	5.34	.03
1958	458.7	11.67	135.6	99.5	320.7	0	.2	3.6	1.53	4.14	.03
1959	467.7	13.65	161.1	94.1	299.0	0	.2	3.6	1.33	3.55	.04
1960	433.5	11.17	159.4	92.1	277.8	0	.1	3.9	2.01	3.99	.05
1961	413.9	13.23	181.2	88.2	258.4	0	.1	2.4	1.77	4.08	.06
1962	419.6	15.37	188.6	84.1	236.8	0	.1	3.0	2.48	4.25	.04
1963	411.2	17.06	196.8	92.9	215.9	0	.1	2.6	2.56	4.95	.03
1964	421.4	19.39	205.3	98.2	195.8	0	.1	2.7	2.21	4.45	.02
1965	312.6	20.78	219.4	101.6	204.2	0	.2	2.7	2.88	3.95	.05
1966	318.3	22.03	256.5	101.1	199.4	0	1.1	2.6	2.66	4.19	.09
1967	318.6	16.20	236.4	92.5	198.8	0	1.4	1.9	3.41	4.81	.21
1968	303.9	19.76	193.4	89.8	199.1	0	1.6	2.3	3.32	4.31	.38
1969	307.3	16.45	230.2	84.8	193.9	0	2.4	1.8	2.79	2.96	.54
1970	301.1	15.69	162.1	81.8	216.5	0	2.1	1.7	2.39	3.39	.63
1971	308.1	11.79	215.1	79.0	226.1	0	2.1	.9	2.03	3.71	.49
1972	302.4	12.44	213.1	76.1	247.2	0	2.8	.9	3.22	3.09	.64
1973	329.4	11.07	230.2	75.2	247.2	3.5	2.3	.8	3.87	3.63	.86
1974	299.2	8.59	286.5	72.0	285.7	5.2	2.8	1.0	4.00	2.92	1.01
1975	280.8	10.14	174.0	68.7	287.4	6.1	2.1	.8	2.22	2.31	.85
1976	309.8	6.77	202.6	65.2	294.9	6.9	2.5	.4	3.12	3.37	1.06
1977	333.8	5.21	198.9	70.6	357.9	7.8	2.9	.3	2.94	4.08	1.09
1978	345.9	5.79	192.9	78.8	452.7	13.0	3.7	.4	3.42	5.07	.99
1979	344.6	7.23	217.1	87.5	522.0	13.0	3.5	.4	3.52	4.25	1.22
1980	332.6	6.75	182.4	93.8	591.4	11.7	3.3	.4	3.36	4.81	1.20
1981	268.3	6.33	210.3	103.2	633.7	20.8	3.2	.5	1.05	4.51	.95
1982	341.7	8.32	172.5	111.3	827.6	29.6	3.1	.6	1.87	4.25	.76
1983	393.0	7.06	233.2	120.9	791.0	61.0	4.4	.6	3.13	5.19	.66
1984	444.1	7.32	235.6	130.9	841.0	74.0	5.3	.8	1.81	5.52	.62
1985	416.1	6.53	292.9	138.0	797.8	91.4	6.2	.7	1.95	1.97	.60
1986	445.0	6.76	366.8	149.3	812.7	94.8	7.0	.7	2.11	1.91	.63
1987	462.1	7.41	338.6	145.8	683.0	99.6	6.9	.4	2.28	1.30	.65
1988	502.1	7.55	333.2	157.5	685.6	120.5	7.9	.3	1.70	2.22	.89
1989	511.9	5.89	322.5	168.0	670.0	136.9	6.4	.8	3.10	.03	.86
1990	521.5	4.34	348.1	166.6	690.8	144.8	5.9	.5	3.04	.02	.83
1991	496.8	3.36	359.5	160.1	877.2	131.9	5.9	.3	2.20	.06	1.51
1992	484.4	3.07	358.8	164.7	653.5	172.6	6.3	.3	2.71	.09	1.56
1993	518.6	3.94	354.1	154.6	531.3	177.8	6.5	.5	3.12	.53	1.19
1994	532.9	4.76	371.3	91.2	452.4	180.5	6.8	1.7	3.89	5.33	1.75
1995	537.0	4.87	339.0	80.2	429.8	170.1	6.2	3.6	3.09	5.13	2.97
1996	525.6	4.71	325.6	63.7	360.9	167.9	6.0	4.7	3.16	5.99	3.01
1997	537.0	4.95	329.5	62.2	320.5	164.8	5.5	6.5	3.99	1.08	1.00
1998	532.7	5.18	318.7	58.2	299.3	175.3	4.9	5.7	4.13	.70	.97
1999	512.2	5.33	301.8	57.8	299.3	180.1	5.2	5.9	4.65	.44	1.00
2000	489.6	5.99	322.9	58.9	300.2	178.2	5.2	8.8	7.14	.45	.83
2001	445.9	5.56	320.8	20.3	301.3	183.4	4.4	8.9	7.46	.24	.62
2002	450.1	5.54	343.6	20.6	283.7	196.6	4.8	10.5	8.53	.20	.45

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

	Southeast region										
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
Million cubic feet roundwood equivalents											
1950	NA	NA	NA	31.3	253.9	0	0	NA	0.04	0	0.15
1951	NA	6.84	NA	29.8	249.4	0	0	4.3	.05	0	.09
1952	NA	7.00	NA	28.3	224.5	0	0	2.6	.05	0	.09
1953	NA	7.02	60.6	26.4	215.1	0	0	3.8	.08	0	.06
1954	NA	6.38	64.0	25.0	205.8	0	0	3.2	.10	0	.25
1955	NA	7.75	75.6	23.2	195.9	0	0	4.1	.07	0	.37
1956	NA	7.70	82.4	21.2	186.1	0	0	4.1	.12	0	.68
1957	427.0	6.73	89.5	19.6	175.7	0	.1	3.1	.12	0	.62
1958	351.5	6.58	101.1	18.3	166.1	0	.2	2.5	.18	0	.62
1959	365.2	7.69	121.6	16.5	155.9	0	.2	2.5	.17	0	.74
1960	334.3	6.30	130.1	15.4	145.8	0	.1	2.7	.27	0	.99
1961	316.4	7.46	145.7	14.0	136.6	0	.1	1.7	.26	0	1.17
1962	324.3	8.67	158.1	12.6	126.1	0	.1	2.1	.39	0	.71
1963	323.7	9.62	166.1	14.3	124.3	0	.1	1.8	.44	0	.56
1964	332.8	10.93	182.7	15.4	121.7	0	.1	1.9	.41	0	.46
1965	366.0	11.71	192.1	16.2	136.8	0	0	1.9	.58	0	.96
1966	388.7	12.16	202.2	16.4	143.6	0	.1	1.8	.58	0	1.73
1967	371.2	11.28	211.4	15.3	153.9	0	.1	1.6	.81	0	3.95
1968	349.1	8.77	230.0	15.1	165.3	0	.2	1.3	.86	0	7.35
1969	333.4	10.67	253.1	14.4	172.6	0	.2	1.4	.78	0	10.25
1970	333.6	9.23	248.8	14.1	206.4	0	.3	1.2	.73	0	12.13
1971	327.7	10.00	241.8	12.0	214.0	0	.4	1.0	.67	0	9.45
1972	328.3	10.55	258.5	10.0	232.6	0	.5	1.0	1.15	0	12.19
1973	348.2	9.39	272.6	8.5	231.3	0	.4	.9	1.51	0	16.49
1974	320.0	7.28	260.6	6.7	265.9	0	.4	1.1	1.70	0	19.36
1975	268.1	6.45	218.1	5.2	266.2	0	.5	.6	1.03	0	16.33
1976	293.2	4.08	255.6	3.8	272.0	0	.7	.3	1.58	0	20.19
1977	297.0	5.88	273.3	4.5	315.6	0	.9	.5	1.62	0	20.81
1978	320.4	5.79	297.8	5.5	380.6	0	1.0	.5	2.81	0	18.86
1979	365.5	5.28	266.8	6.5	417.3	0	.9	.4	3.23	0	23.40
1980	351.7	4.60	279.6	7.4	448.2	0	.9	.4	3.10	0	22.84
1981	283.4	3.90	315.0	8.6	453.7	0	.9	.3	2.09	0	18.24
1982	259.8	4.40	317.3	9.7	557.5	0	.8	.4	2.51	0	14.54
1983	327.0	4.53	358.0	10.9	499.1	0	1.0	.4	2.83	0	12.60
1984	350.5	4.91	365.0	12.3	494.5	3.5	1.1	.6	2.56	0	11.85
1985	344.4	4.38	368.6	13.4	434.6	4.4	1.2	.6	5.26	0	11.55
1986	371.5	4.54	406.3	14.9	407.2	15.1	1.2	.6	4.69	0	12.01
1987	373.8	4.97	390.1	19.3	343.4	19.6	1.4	.3	5.95	0	12.44
1988	395.7	5.06	416.6	26.1	345.8	22.2	1.4	.3	10.51	0	17.07
1989	386.0	3.95	399.8	33.7	339.1	30.2	1.4	.6	15.08	0	20.01
1990	365.6	2.91	411.9	39.5	350.7	35.5	1.5	.4	10.19	0	22.94
1991	327.0	2.25	429.4	44.0	446.7	39.7	1.6	.2	8.16	0	34.42
1992	338.7	2.06	441.0	43.2	379.8	37.8	1.7	.1	8.22	0	42.60
1993	348.3	2.64	530.4	38.2	351.2	54.2	1.8	.1	6.87	0	24.23
1994	355.8	3.19	504.7	20.9	339.4	65.4	1.9	.2	7.56	0	43.14
1995	365.1	3.27	561.1	16.7	365.4	64.0	1.8	.3	7.22	0	49.22
1996	368.6	3.16	490.5	11.6	347.8	83.8	1.9	.3	7.33	0	48.44
1997	391.0	3.32	518.6	11.9	296.4	92.7	1.9	.4	9.24	0	19.04
1998	386.6	3.48	481.4	11.7	265.3	94.5	1.8	.4	9.58	0	18.59
1999	421.7	3.57	482.7	12.1	254.0	93.1	1.9	.4	10.78	0	19.04
2000	405.3	4.02	484.8	12.8	243.5	105.1	1.9	.6	16.54	0	15.96
2001	387.6	3.73	508.5	4.6	233.2	104.6	1.7	.6	17.28	0	11.95
2002	384.5	3.72	490.9	4.8	209.1	107.7	1.9	.7	19.75	0	8.53

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

South Central region											
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	NA	180.0	763.1	0	0	NA	0.75	0.02	0.40
1951	NA	18.89	NA	171.2	749.9	0	0	12.3	.84	.04	.24
1952	NA	19.31	NA	162.9	674.9	0	0	7.5	.75	.03	.24
1953	NA	19.38	94.0	151.7	641.5	0	0	10.8	1.13	.03	.16
1954	NA	17.61	104.9	143.5	608.7	0	0	9.0	1.28	.03	.64
1955	NA	21.38	121.8	133.4	574.6	0	0	11.6	.85	.03	.96
1956	NA	21.25	133.8	121.7	541.1	0	0	11.7	1.27	.03	1.75
1957	551.2	18.57	134.2	112.4	506.4	0	0	8.8	1.24	.03	1.60
1958	457.5	18.16	128.2	105.3	474.5	0	0	7.2	1.64	.02	1.60
1959	488.3	21.24	172.7	94.8	441.4	0	.1	7.1	1.42	.02	1.91
1960	439.3	17.39	190.2	88.3	409.0	0	0	7.8	2.15	.02	2.55
1961	410.0	20.59	197.1	80.3	379.4	0	0	4.7	1.90	.02	3.03
1962	427.5	23.92	229.6	72.7	346.8	0	0	6.0	2.66	.02	1.83
1963	438.5	26.56	240.7	77.8	331.4	0	0	5.2	2.74	.03	1.44
1964	452.8	30.17	253.0	79.6	314.9	0	0	5.3	2.37	.02	1.20
1965	666.5	32.33	286.3	79.7	344.4	0	0	5.3	3.09	.02	2.47
1966	676.5	34.40	307.0	76.8	352.5	0	.1	5.3	2.85	.02	4.47
1967	618.1	29.35	288.0	68.1	368.7	0	.1	4.3	3.65	.03	10.21
1968	567.0	29.61	330.0	63.9	387.4	0	.3	4.5	3.56	.02	18.98
1969	570.7	29.82	375.6	58.4	396.0	0	.3	4.1	2.99	.02	26.48
1970	535.6	28.02	353.4	54.5	464.1	0	.3	3.9	2.56	.02	31.35
1971	545.9	30.16	358.8	50.6	428.9	0	.5	3.1	2.18	.02	24.41
1972	538.0	31.82	412.4	46.8	414.9	0	.6	3.0	3.44	.02	31.51
1973	530.1	28.32	439.4	44.5	366.7	0	.5	2.7	4.15	.02	42.60
1974	542.9	21.96	477.4	40.9	373.7	0	.7	3.4	4.29	.02	50.01
1975	438.4	16.41	351.8	37.5	330.7	0	.7	1.7	2.38	.01	42.20
1976	467.4	22.21	403.3	34.1	297.1	0	.8	1.8	3.35	.02	52.17
1977	519.9	25.27	380.9	33.1	346.4	0	.9	2.0	3.15	.02	53.76
1978	550.1	25.77	456.1	33.0	420.1	0	.9	2.4	3.66	.03	48.74
1979	538.2	24.75	490.1	32.6	463.4	0	.9	1.9	4.72	.02	60.46
1980	530.9	20.34	478.8	31.0	501.0	0	.7	1.7	7.75	.03	59.03
1981	428.3	18.18	439.9	30.0	510.9	0	.8	1.7	10.22	.02	47.14
1982	404.0	26.74	447.3	28.3	633.1	0	.6	2.4	1.61	.02	37.57
1983	437.4	30.43	579.0	26.7	572.2	0	.8	3.1	2.05	.03	32.54
1984	556.7	30.81	593.0	24.7	573.1	7.4	.8	4.1	2.39	.03	30.63
1985	541.6	27.48	567.5	22.0	510.0	10.7	.9	3.9	3.11	.01	29.83
1986	597.0	28.46	634.6	19.7	484.9	27.0	.9	3.6	1.44	.01	31.03
1987	686.1	31.20	640.4	19.8	395.2	36.1	1.1	1.9	1.61	.01	32.15
1988	715.1	31.78	660.5	22.0	384.7	39.3	1.2	1.7	3.59	.01	44.11
1989	713.4	24.81	722.7	24.2	364.5	40.0	1.3	.8	2.19	.03	44.04
1990	734.0	18.27	699.9	24.7	364.3	36.9	1.2	.3	2.19	0	43.98
1991	638.1	14.14	715.2	24.5	448.4	33.2	1.1	.2	1.88	0	59.02
1992	672.5	12.91	752.7	22.2	398.4	57.3	1.3	.1	.95	0	102.46
1993	693.6	16.58	734.0	17.6	381.9	47.6	1.4	.1	.83	0	108.55
1994	708.9	20.03	799.6	8.1	380.4	46.6	1.6	.2	1.10	0	98.61
1995	699.1	20.49	951.2	4.7	420.2	55.9	1.5	0	.99	0	119.41
1996	690.8	19.84	933.0	1.4	408.8	69.9	1.7	.1	.68	0	168.44
1997	665.7	20.82	965.3	2.3	323.7	100.0	1.9	.2	.85	0	49.18
1998	677.9	21.82	941.2	3.0	265.9	113.8	2.1	.1	.88	0	48.04
1999	681.8	22.42	927.6	3.8	229.9	120.3	2.1	.1	.99	0	49.20
2000	671.9	25.20	902.2	4.7	194.7	117.7	2.2	.2	1.52	0	41.24
2001	603.2	23.40	829.2	1.9	159.8	136.3	1.9	.2	1.59	0	30.87
2002	610.2	23.31	828.7	2.2	117.2	158.5	2.1	.3	1.82	0	22.03

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Northern Rockies region											
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	0	0	1.9	0	0	NA	0	0.20	0
1951	NA	0	0	0	1.9	0	0	0	0	.36	0
1952	NA	0	.2	0	1.7	0	0	0	0	.30	0
1953	NA	0	.2	0	1.5	0	0	0	0	.22	0
1954	NA	0	.5	0	1.3	0	0	0	0	.23	0
1955	NA	0	.7	0	1.1	0	0	0	0	.25	0
1956	NA	0	1.0	0	.9	0	0	0	0	.27	0
1957	0	0	1.0	0	.7	0	0	0	0	.25	0
1958	0	0	1.1	0	.5	0	0	0	0	.19	0
1959	0	0	1.5	0	.4	0	0	0	0	.17	0
1960	0	0	2.0	0	.2	0	0	0	0	.19	.01
1961	0	0	1.7	0	.1	0	0	0	0	.19	.01
1962	0	0	1.6	0	0	0	0	0	0	.20	0
1963	0	0	1.9	0	.1	0	0	0	0	.23	0
1964	0	0	2.0	0	.1	0	0	0	0	.21	0
1965	0	0	2.7	0	.2	0	0	0	0	.19	0
1966	0	0	2.7	0	.2	0	0	0	0	.20	.01
1967	0	0	1.8	0	.3	0	0	0	0	.23	.02
1968	0	0	2.0	0	.3	0	0	0	0	.20	.04
1969	0	0	2.1	0	.4	0	0	0	0	.14	.05
1970	0	0	3.6	0	.5	0	0	0	0	.16	.06
1971	0	0	4.6	0	.5	0	0	0	0	.17	.05
1972	0	0	5.0	0	.5	0	0	0	.01	.15	.06
1973	0	0	4.7	0	.5	0	0	0	.01	.17	.09
1974	0	0	7.2	0	.5	0	0	0	.01	.14	.10
1975	0	0	5.7	0	.5	0	0	0	.01	.11	.08
1976	0	0	5.4	0	.5	0	0	0	.02	.16	.10
1977	0	0	5.7	0	.9	0	0	0	.02	.19	.11
1978	0	0	5.7	0	1.5	0	0	0	.03	.24	.10
1979	0	0	5.9	0	2.1	0	0	0	.02	.20	.12
1980	0	0	9.3	0	2.8	0	0	0	.06	.23	.12
1981	0	0	6.8	0	3.5	0	0	0	.02	.21	.09
1982	0	0	6.1	0	5.2	0	0	0	.05	.20	.08
1983	0	0	5.8	0	5.6	0	0	0	.05	.24	.07
1984	0	0	5.4	0	6.7	7.8	0	0	.06	.26	.06
1985	0	0	5.2	0	7.0	5.0	0	0	.01	.09	.06
1986	0	0	5.8	0	7.8	5.6	0	0	.01	.09	.06
1987	0	0	5.1	0	6.0	6.9	0	0	.04	.06	.06
1988	0	0	6.4	0	5.6	9.4	0	0	.03	.10	.09
1989	0	0	5.9	0	5.0	6.1	0	0	.04	.24	.11
1990	0	0	0	0	4.6	5.8	0	0	.03	.04	.13
1991	0	0	0	0	5.3	6.1	0	0	.00	0	.16
1992	0	0	0	0	5.8	5.9	0	0	.03	0	.17
1993	0	0	0	0	6.3	5.4	0	0	.04	0	.33
1994	0	0	0	0	7.0	6.7	0	0	.07	0	.30
1995	0	0	0	0	8.3	6.3	0	0	.02	0	.20
1996	0	0	0	0	8.5	6.3	0	0	0	.01	.12
1997	0	0	0	0	7.8	0	0	0	0	.05	.10
1998	0	0	0	0	7.4	0	0	0	0	.03	.10
1999	0	0	0	0	7.6	0	0	0	0	.02	.10
2000	0	0	0	0	7.8	0	0	0	0	.02	.08
2001	0	0	0	0	8.1	0	0	0	0	.01	.06
2002	0	0	0	0	7.8	0	0	0	0	.01	.04

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Year	Southern Rockies region										
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	0	1.1	14.4	0	0	NA	0	0	0
1951	NA	0	0	1.0	14.2	0	0	0	0	0	0
1952	NA	0	.1	1.0	12.7	0	0	0	0	0	0
1953	NA	0	.1	1.2	11.3	0	0	0	0	0	0
1954	NA	0	.3	1.4	10.0	0	0	0	0	0	0
1955	NA	0	.5	1.5	8.7	0	0	0	0	0	0
1956	NA	0	.7	1.6	7.4	0	0	0	0	0	0
1957	6.0	0	.7	1.8	6.2	0	0	0	0	0	0
1958	4.8	0	.7	1.9	5.2	0	0	0	0	0	0
1959	4.4	0	1.0	1.9	4.2	0	0	0	0	0	0
1960	2.2	0	1.3	2.0	3.2	0	0	0	0	0	0
1961	3.1	0	1.1	2.1	2.4	0	0	0	0	0	0
1962	3.6	0	1.0	2.1	1.6	0	0	0	0	0	0
1963	7.2	0	1.2	2.2	3.3	0	0	0	0	0	0
1964	1.7	0	1.3	2.2	4.7	0	0	0	0	0	0
1965	1.9	0	1.7	2.2	6.8	0	0	0	0	0	0
1966	3.7	0	1.7	2.1	8.6	0	0	0	0	0	0
1967	3.5	0	1.2	1.9	10.6	0	0	0	0	0	0
1968	3.5	0	1.3	1.7	12.8	0	0	0	0	0	0
1969	3.4	0	1.4	1.6	14.7	0	0	0	0	0	0
1970	3.3	0	2.3	1.4	19.0	0	0	0	0	0	0
1971	3.1	0	2.9	1.5	15.8	0	0	0	0	0	0
1972	3.3	0	3.2	1.6	13.3	0	0	0	0	0	0
1973	3.3	0	3.0	1.6	9.7	0	0	0	0	0	0
1974	6.0	0	4.6	1.6	7.5	0	0	0	0	0	0
1975	4.3	0	3.6	1.7	4.3	0	0	0	0	0	0
1976	5.1	0	3.4	1.6	1.3	0	0	0	0	0	0
1977	6.3	0	3.6	1.7	2.2	0	0	0	0	0	0
1978	13.4	0	3.6	1.9	3.7	0	0	0	.01	0	0
1979	13.8	0	3.8	2.1	5.2	0	0	0	0	0	0
1980	14.4	0	5.9	2.2	7.1	0	0	0	0	0	0
1981	2.9	0	4.3	2.3	8.8	0	0	0	0	0	0
1982	4.9	0	3.9	2.5	13.1	0	0	0	0	0	0
1983	.6	0	3.7	2.7	14.1	0	0	0	0	0	0
1984	.6	0	3.5	2.8	16.6	3.1	0	0	0	0	0
1985	.8	0	3.3	2.9	17.4	10.2	0	0	0	0	0
1986	.4	0	3.7	3.1	19.4	10.5	0	0	0	0	0
1987	.2	0	3.3	3.6	15.0	13.0	0	0	0	0	0
1988	0	0	4.1	4.5	13.9	16.0	0	0	0	0	0
1989	0	0	3.7	5.5	12.4	13.2	0	0	.07	0	.01
1990	0	0	0	6.2	11.6	13.0	0	0	.02	0	.01
1991	0	0	0	6.6	13.3	11.3	0	0	.11	0	0
1992	0	0	0	13.4	14.4	6.5	0	0	.02	0	0
1993	0	0	0	19.7	15.8	7.0	0	0	0	0	.01
1994	0	0	0	16.6	17.3	7.7	0	0	0	0	0
1995	0	0	0	19.9	20.6	7.3	0	0	0	0	0
1996	0	0	0	21.0	21.3	7.4	0	0	0	0	0
1997	0	0	0	17.7	19.4	7.7	0	0	0	0	0
1998	0	0	0	14.1	18.6	7.9	0	0	0	0	0
1999	0	0	0	11.6	19.1	7.0	0	0	0	0	0
2000	0	0	0	9.4	19.6	7.5	0	0	0	0	0
2001	0	0	0	2.4	20.1	5.7	0	0	0	0	0
2002	0	0	0	1.7	19.4	0	0	0	0	0	0

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Pacific Southwest region											
Year	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	0	2.2	3.0	0	0	NA	0	0.33	0.05
1951	NA	5.59	0	2.1	2.9	0	0	2.5	0	.59	.03
1952	NA	5.72	.1	2.0	2.6	0	0	1.5	0	.50	.03
1953	NA	5.74	.1	1.7	2.8	0	0	2.2	0	.36	.02
1954	NA	5.21	.4	1.5	3.0	0	0	1.8	.01	.38	.08
1955	NA	6.33	.5	1.2	3.2	0	0	2.4	.00	.41	.12
1956	NA	6.29	.8	1.0	3.3	0	0	2.4	.01	.44	.22
1957	.3	5.50	.8	.8	3.4	0	0	1.8	.01	.41	.20
1958	.8	5.38	.8	.6	3.5	0	0	1.5	.01	.32	.20
1959	.5	6.29	1.2	.4	3.5	0	0	1.4	.01	.28	.24
1960	12.0	5.15	1.7	.3	3.5	0	0	1.6	.02	.31	.32
1961	5.9	6.10	1.4	.2	3.5	0	0	1.0	.02	.32	.38
1962	2.8	7.08	1.3	0	3.4	0	0	1.2	.03	.33	.23
1963	3.5	7.86	1.8	0	4.6	0	0	1.1	.04	.38	.18
1964	3.8	8.93	1.3	0	5.6	0	0	1.1	.04	.34	.15
1965	3.5	9.57	2.6	0	7.4	0	0	1.1	.05	.31	.31
1966	2.8	8.95	.1	0	8.9	0	0	.9	.05	.33	.56
1967	2.6	10.51	.2	0	10.5	0	0	1.1	.08	.37	1.27
1968	2.1	11.44	.7	0	12.4	0	0	1.2	.09	.33	2.36
1969	1.7	9.68	.3	0	13.9	0	0	.9	.08	.23	3.30
1970	1.9	10.09	.4	0	17.7	0	0	1.0	.08	.26	3.90
1971	1.6	12.16	.5	0	17.4	0	0	.9	.07	.29	3.04
1972	1.6	12.83	.4	0	18.1	0	0	.8	.13	.24	3.92
1973	1.6	11.42	.9	0	17.2	0	0	.8	.18	.28	5.30
1974	2.1	8.85	4.2	0	18.9	0	0	.9	.21	.23	6.23
1975	1.8	5.34	1.1	0	18.2	0	0	.4	.13	.18	5.25
1976	1.8	5.52	5.1	0	17.9	0	0	.3	.21	.26	6.49
1977	1.8	6.18	3.7	0	22.6	0	0	.3	.22	.32	6.69
1978	1.8	5.80	4.4	0	29.6	0	0	.4	.71	.39	6.07
1979	1.8	5.44	5.0	0	35.4	0	0	.3	.76	.33	7.53
1980	1.8	5.57	5.6	0	41.6	0	0	.3	.32	.37	7.35
1981	1.7	5.65	6.0	0	46.1	0	0	.4	.22	.35	5.87
1982	6.4	8.22	2.1	0	62.2	0	0	.5	.30	.33	4.68
1983	5.7	8.55	7.2	0	61.4	0	0	.6	.24	.40	4.05
1984	3.3	8.81	7.7	0	67.4	0	0	.8	.63	.43	3.81
1985	3.3	7.85	4.3	0	66.0	0	0	.8	.38	.15	3.71
1986	2.0	8.13	3.8	0	69.3	0	0	.7	1.06	.15	3.86
1987	1.1	8.92	4.4	0	60.4	0	0	.4	1.59	.10	4.00
1988	.4	9.08	2.5	0	62.8	0	0	.3	3.12	.17	5.49
1989	1.1	12.25	2.3	0	63.5	0	0	.2	3.73	0	7.65
1990	1.1	15.32	0	0	67.5	0	0	.1	4.86	0	9.81
1991	.9	16.65	0	0	88.3	0	0	0	2.93	0	9.56
1992	.7	16.10	0	0	69.5	0	0	0	3.03	0	7.00
1993	.0	15.72	0	0	59.9	0	0	.1	2.81	.47	10.20
1994	.0	18.61	0	0	54.2	0	0	.1	2.98	0	12.94
1995	1.0	19.03	0	0	55.0	0	0	.1	2.65	.06	13.75
1996	1.0	18.43	0	0	49.4	0	0	.1	3.10	0	12.82
1997	.3	19.34	0	0	48.0	0	0	.1	3.90	.08	6.12
1998	.3	20.27	0	0	48.6	0	0	.1	4.04	.05	5.98
1999	2.5	20.83	0	0	52.4	0	0	.1	4.55	.03	6.12
2000	3.9	23.41	0	0	56.3	0	0	.2	6.98	.04	5.13
2001	2.5	21.74	0	0	60.3	0	0	.2	7.30	.02	3.84
2002	2.8	21.66	0	0	60.2	0	0	.2	8.34	.02	2.74

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Year	Pacific Northwest West region										
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	0	0.1	0.7	0	0	NA	0	1.27	0.28
1951	NA	25.23	0	.1	.7	0	0	0	0	2.26	.17
1952	NA	25.80	1.3	.1	.7	0	0	0	0	1.91	.17
1953	NA	25.88	1.5	.1	.6	0	0	0	0	1.40	.11
1954	NA	23.52	4.6	.1	.6	0	0	0	0	1.45	.45
1955	NA	28.56	7.2	.1	.5	0	0	0	0	1.59	.67
1956	NA	28.39	10.5	.1	.5	0	0	0	0	1.68	1.22
1957	9.1	24.81	10.7	.1	.5	0	0	0	0	1.59	1.11
1958	16.9	24.26	11.6	.1	.4	0	0	0	.01	1.23	1.11
1959	9.4	28.37	17.1	.1	.4	0	0	0	.01	1.06	1.34
1960	14.0	23.23	23.3	.1	.4	0	0	0	.01	1.19	1.78
1961	21.4	27.50	20.5	.1	.3	0	0	0	.02	1.22	2.12
1962	26.8	31.95	19.4	.1	.3	0	0	0	.03	1.27	1.28
1963	25.6	35.47	24.1	.1	.3	0	0	0	.03	1.47	1.00
1964	28.1	40.30	23.6	.1	.4	0	0	0	.03	1.32	.84
1965	31.7	43.18	29.7	0	.5	0	0	0	.05	1.18	1.73
1966	40.6	40.36	29.2	0	.6	0	0	0	.06	1.25	3.12
1967	39.2	47.39	19.6	0	.7	0	0	0	.08	1.43	7.13
1968	41.7	51.59	24.8	0	.8	0	0	0	.10	1.28	13.25
1969	31.9	43.69	21.1	0	.8	0	0	0	.10	.88	18.48
1970	24.7	45.52	20.3	0	1.1	0	0	0	.10	1.01	21.88
1971	27.9	54.84	18.2	0	1.0	0	0	0	.10	1.10	17.03
1972	27.1	57.86	18.0	0	1.1	0	0	0	.19	.92	21.99
1973	30.1	51.50	24.8	0	1.0	0	0	0	.28	1.08	29.73
1974	35.2	39.93	37.7	0	1.1	0	0	0	.35	.87	34.91
1975	26.8	24.09	28.4	0	1.1	0	0	0	.23	.69	29.45
1976	33.0	24.91	41.3	0	1.0	0	0	0	.39	1.00	36.41
1977	33.0	27.89	30.3	0	5.4	0	0	0	.44	1.22	37.52
1978	35.1	26.16	23.3	0	12.1	0	0	0	.67	1.51	34.01
1979	36.5	24.53	23.2	0	20.0	0	0	0	.82	1.27	42.20
1980	48.4	25.13	27.7	0	29.7	0	0	0	2.47	1.43	41.20
1981	46.5	25.46	32.3	0	39.3	0	0	0	.76	1.34	32.90
1982	60.6	37.08	35.5	0	61.2	0	0	0	1.13	1.27	26.22
1983	40.4	38.57	16.9	0	68.1	0	0	0	1.33	1.54	22.71
1984	40.9	39.73	37.1	0	82.6	0	0	0	1.79	1.64	21.38
1985	40.7	35.43	38.5	0	88.2	0	0	0	1.42	.59	20.82
1986	52.6	36.69	38.9	0	99.9	0	0	0	2.59	.57	21.66
1987	55.0	40.23	42.2	.1	80.7	0	0	0	4.71	.39	22.43
1988	60.8	40.97	42.8	.2	77.8	0	0	0	10.45	.66	30.79
1989	68.1	55.25	14.7	.3	73.0	0	0	.2	12.16	.69	39.39
1990	78.2	69.10	39.3	.4	72.2	0	0	.1	11.31	.00	48.00
1991	79.1	75.12	24.2	.5	87.9	0	0	.1	31.65	.36	83.08
1992	91.3	72.62	36.0	.4	66.3	0	0	.1	10.50	0	77.18
1993	111.3	70.90	33.2	.3	54.7	0	0	.2	12.29	.26	55.04
1994	111.6	83.94	34.9	.1	47.3	0	0	.2	10.96	.48	61.47
1995	112.1	85.85	45.6	.1	45.8	0	0	.6	10.20	1.40	53.46
1996	115.4	83.15	37.2	0	39.2	0	0	.1	9.76	4.17	50.47
1997	117.7	87.25	46.1	0	39.4	0	0	.2	12.31	.32	34.33
1998	101.9	91.44	56.5	0	41.0	0	0	.2	12.75	.21	33.52
1999	113.9	93.96	51.4	0	45.1	0	0	.2	14.35	.13	34.34
2000	115.3	105.61	49.2	0	49.4	0	0	.3	22.02	.14	28.78
2001	107.6	98.06	42.7	0	53.7	0	0	.3	23.01	.07	21.54
2002	106.9	97.69	48.0	0	54.4	0	0	.3	26.30	.06	15.38

NA = not available.

^a O.S.B. = oriented strand board.

Table 13—Regional hardwood total roundwood supply estimates, 1950-2002 (continued)

Year	Pacific Northwest East region										
	Lumber	Plywood	Pulpwood	Misc. prod.	Fuelwood	O.S.B. ^a	Particle board	Saw-log export	Saw-log import	Pulp-log export	Pulp-log import
<i>Million cubic feet roundwood equivalents</i>											
1950	NA	NA	0	0	0	0	0	NA	0	0	0
1951	NA	0	0	0	0	0	0	0	0	0	0
1952	NA	0	0	0	0	0	0	0	0	0	0
1953	NA	0	0	0	0	0	0	0	0	0	0
1954	NA	0	0	0	0	0	0	0	0	0	0
1955	NA	0	0	0	0	0	0	0	0	0	0
1956	NA	0	0	0	0	0	0	0	0	0	0
1957	0	0	0	0	0	0	0	0	0	0	0
1958	0	0	0	0	0	0	0	0	0	0	0
1959	0	0	0	0	0	0	0	0	0	0	0
1960	0	0	0	0	0	0	0	0	0	0	0
1961	0	0	0	0	0	0	0	0	0	0	0
1962	0	0	0	0	0	0	0	0	0	0	0
1963	0	0	0	0	0	0	0	0	0	0	0
1964	0	0	0	0	0	0	0	0	0	0	0
1965	0	0	0	0	0	0	0	0	0	0	0
1966	0	0	0	0	0	0	0	0	0	0	0
1967	0	0	0	0	0	0	0	0	0	0	0
1968	0	0	0	0	0	0	0	0	0	0	0
1969	0	0	0	0	0	0	0	0	0	0	0
1970	0	0	0	0	0	0	0	0	0	0	0
1971	0	0	0	0	0	0	0	0	0	0	0
1972	0	0	0	0	0	0	0	0	0	0	0
1973	0	0	0	0	0	0	0	0	0	0	0
1974	0	0	0	0	0	0	0	0	0	0	0
1975	0	0	0	0	0	0	0	0	0	0	0
1976	0	0	0	0	0	0	0	0	0	0	0
1977	0	0	0	0	0	0	0	0	0	0	0
1978	0	0	0	0	0	0	0	0	0	0	0
1979	0	0	0	0	0	0	0	0	0	0	0
1980	0	0	0	0	0	0	0	0	0	0	0
1981	0	0	0	0	0	0	0	0	0	0	0
1982	0	0	0	0	0	0	0	0	0	0	0
1983	0	0	0	0	0	0	0	0	0	0	0
1984	0	0	0	0	0	0	0	0	0	0	0
1985	0	0	0	0	0	0	0	0	0	0	0
1986	0	0	0	0	0	0	0	0	0	0	0
1987	0	0	0	0	0	0	0	0	0	0	0
1988	0	0	0	0	0	0	0	0	0	0	0
1989	0	0	0	0	0	0	0	0	0	0	0
1990	0	0	0	0	0	0	0	0	0	0	0
1991	0	0	0	0	0	0	0	0	0	0	0
1992	0	0	0	0	0	0	0	0	0	0	0
1993	0	0	0	0	0	0	0	0	0	0	0
1994	0	0	0	0	0	0	0	0	0	0	0
1995	0	0	0	0	0	0	0	0	0	0	0
1996	0	0	0	0	0	0	0	0	0	0	0
1997	0	0	0	0	0	0	0	0	0	0	0
1998	0	0	0	0	0	0	0	0	0	0	0
1999	0	0	0	0	0	0	0	0	0	0	0
2000	0	0	0	0	0	0	0	0	0	0	0
2001	0	0	0	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0	0	0	0

NA = not available.

^a O.S.B. = oriented strand board.

Table 14—Volume of hardwood timber harvested on national forest lands in the United States by supply region 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	14.9	44.1	10.4	41.9	.8	10.0	3.0	.4	0
1958	13.5	40.4	9.6	36.7	.7	8.5	3.3	.6	0
1959	13.6	41.5	10.3	37.0	.9	7.8	3.6	.7	0
1960	13.4	39.8	10.0	34.0	1.1	5.9	7.2	.9	0
1961	13.0	39.7	10.1	31.7	1.0	5.9	5.6	1.1	0
1962	13.1	39.9	10.6	31.3	.9	5.6	4.7	1.4	0
1963	13.2	39.6	11.3	31.7	1.0	9.8	5.8	2.1	0
1964	13.3	39.9	12.4	32.2	1.1	7.2	6.4	2.9	0
1965	13.7	36.5	14.1	40.2	1.4	9.5	7.6	4.0	0
1966	14.5	38.2	15.7	41.3	1.4	12.5	6.9	5.0	0
1967	14.8	36.9	16.4	39.4	1.0	13.7	8.2	5.8	0
1968	15.1	34.5	17.4	39.9	1.1	15.9	9.4	7.6	0
1969	15.7	35.7	18.5	41.6	1.1	17.8	9.5	7.4	0
1970	16.0	33.4	20.0	41.9	1.8	22.7	11.1	8.0	0
1971	17.0	36.7	19.3	38.6	2.4	19.7	9.8	7.1	0
1972	18.8	37.9	19.7	37.1	2.8	17.4	8.7	6.2	0
1973	21.4	40.6	19.9	34.1	2.8	14.0	6.9	5.3	0
1974	22.7	44.1	19.2	32.8	4.5	15.2	5.7	4.1	0
1975	21.7	38.6	16.6	24.4	3.8	10.2	3.0	1.8	0
1976	23.9	42.1	17.6	23.4	3.8	8.1	1.8	.8	0
1977	25.2	47.6	18.1	25.3	4.3	9.9	3.8	5.3	0
1978	27.7	54.6	19.3	29.0	4.6	16.1	6.5	9.5	0
1979	29.6	61.2	19.3	30.9	5.2	17.7	10.0	15.5	0
1980	30.5	64.2	18.7	31.6	7.8	21.0	13.8	24.2	0
1981	29.1	66.9	17.1	29.2	6.6	13.1	17.3	30.5	0
1982	34.1	82.2	17.2	31.4	7.3	17.3	25.8	45.4	0
1983	32.6	90.8	16.7	33.9	7.3	15.0	30.6	44.8	0
1984	32.6	100.1	15.9	37.1	12.7	19.0	36.1	60.6	0
1985	30.4	103.0	14.0	35.4	11.0	24.7	37.3	68.5	0
1986	30.5	113.3	13.4	38.2	12.2	26.4	42.3	85.2	0
1987	30.3	105.6	16.7	42.9	9.8	22.3	36.9	69.7	0
1988	33.9	110.4	22.0	48.6	9.6	21.5	36.3	60.8	0
1989	36.6	111.6	26.0	53.9	6.0	16.8	37.3	46.5	0
1990	39.4	115.9	30.6	58.0	2.8	12.5	38.3	39.3	0
1991	47.0	126.0	37.5	62.8	1.9	10.3	43.2	26.7	0
1992	39.8	110.2	37.9	62.6	1.7	12.6	34.8	20.8	0
1993	35.4	100.6	41.3	59.2	1.4	17.1	31.8	16.0	0
1994	31.3	90.9	42.3	58.1	1.3	18.3	31.5	12.6	0
1995	29.7	83.4	46.9	60.8	1.0	22.8	32.2	8.7	0
1996	25.9	74.1	46.1	58.0	.7	25.5	29.6	4.4	0
1997	23.7	69.5	39.0	46.5	.3	21.2	24.4	3.8	0
1998	21.0	65.2	30.8	38.0	.3	17.5	22.2	3.3	0
1999	18.0	60.8	25.2	30.3	.2	14.7	21.2	2.8	0
2000	15.1	57.9	18.8	22.3	.2	12.8	20.2	2.3	0
2001	11.1	51.9	12.5	14.1	.1	8.7	16.9	1.5	0
2002	7.7	50.1	6.1	7.8	.1	5.6	13.6	.9	0

NA = not available.

Table 15—Volume of hardwood timber harvested on other public lands in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	39.5	66.0	11.0	34.2	.2	1.7	.9	4.9	0
1958	36.2	61.0	9.8	29.8	.2	1.5	1.0	5.2	0
1959	36.8	63.0	10.2	29.7	.2	1.4	1.1	4.8	0
1960	36.6	60.7	9.7	27.1	.2	1.1	2.3	4.7	0
1961	36.0	60.9	9.5	25.0	.2	1.1	1.8	4.6	0
1962	36.7	61.6	9.7	24.4	.2	1.1	1.5	4.2	0
1963	35.1	61.9	10.7	25.5	.2	1.6	1.8	5.6	0
1964	33.7	63.2	12.1	26.5	.2	1.0	1.9	7.3	0
1965	33.2	58.7	14.3	34.1	.3	1.2	2.2	9.7	0
1966	33.7	62.3	16.2	36.0	.3	1.3	2.0	11.7	0
1967	33.0	60.9	17.4	35.2	.2	1.2	2.3	13.2	0
1968	32.3	57.7	18.7	36.5	.3	1.2	2.6	16.9	0
1969	32.3	60.5	20.3	39.0	.3	1.0	2.5	16.3	0
1970	31.6	57.2	22.3	40.2	.5	1.0	2.9	17.4	0
1971	30.0	62.7	22.9	43.6	.6	.8	3.4	18.0	0
1972	29.7	64.6	25.0	49.1	.6	.6	4.1	18.9	0
1973	30.4	69.0	27.0	52.6	.5	.4	4.5	20.4	0
1974	29.0	74.6	27.8	59.0	.8	.4	5.5	21.9	0
1975	24.9	65.2	25.5	51.2	.6	.2	4.8	16.0	0
1976	24.7	70.9	28.8	57.5	.5	.1	6.0	19.7	0
1977	27.4	76.0	30.4	60.3	.6	.1	6.1	19.3	0
1978	31.8	82.9	33.4	66.9	.6	.2	6.5	18.7	0
1979	35.9	88.4	34.5	69.2	.7	.3	6.7	21.0	0
1980	39.4	88.0	34.6	68.7	1.1	.3	6.6	24.8	0
1981	40.2	87.2	32.9	61.6	.9	.2	6.0	25.1	0
1982	50.6	101.7	34.5	64.3	1.0	.3	6.5	31.3	0
1983	52.5	106.6	35.1	67.3	1.0	.2	5.5	26.5	0
1984	57.1	111.6	35.1	71.5	1.7	.3	4.5	31.4	0
1985	58.7	109.0	32.6	66.2	1.5	.4	3.0	31.6	0
1986	65.5	113.7	33.1	69.2	1.7	.4	1.8	35.3	0
1987	74.6	127.6	30.9	65.5	1.7	.5	1.6	35.8	0
1988	91.8	155.9	32.2	63.0	2.1	.6	1.5	40.1	0
1989	106.9	179.8	31.5	59.4	1.8	.7	1.6	41.5	0
1990	122.1	209.8	31.3	54.3	1.2	.7	1.6	52.2	0
1991	152.5	252.7	33.1	49.9	1.3	.8	1.8	64.9	0
1992	126.2	251.2	32.3	51.4	1.3	1.6	1.3	57.2	0
1993	109.4	259.1	34.1	50.2	1.4	2.9	1.1	51.6	0
1994	93.5	263.0	33.9	51.0	1.5	3.7	1.1	50.6	0
1995	85.7	270.0	36.4	55.4	1.6	5.3	1.0	47.9	0
1996	71.4	268.0	34.8	55.1	1.6	6.6	.8	42.7	0
1997	74.2	259.3	37.2	51.7	.9	6.9	.8	42.4	0
1998	76.1	251.4	37.9	50.8	.8	7.0	.8	41.8	0
1999	77.6	243.1	41.4	50.5	.9	7.3	.9	43.2	0
2000	79.9	240.4	43.8	49.0	.9	7.8	1.1	44.7	0
2001	75.8	224.1	45.9	45.2	.9	6.6	1.1	41.2	0
2002	74.6	225.7	47.0	45.0	.9	5.4	1.1	40.9	0

NA = not available.

Table 16—Volume of hardwood timber harvested by forest industry in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	72.1	73.2	113.3	236.1	0.4	0.1	2.0	23.2	0
1958	65.1	63.0	100.4	222.2	.4	.1	2.1	26.4	0
1959	65.1	60.5	103.0	239.9	.4	.1	2.2	26.6	0
1960	63.8	54.1	96.5	235.7	.5	0	4.4	28.4	0
1961	61.7	50.3	93.9	234.5	.4	0	3.3	31.4	0
1962	61.9	47.0	94.2	246.9	.4	0	2.7	33.6	0
1963	62.7	47.5	95.6	242.4	.4	.1	3.3	37.5	0
1964	63.3	48.8	99.6	237.6	.5	.1	3.6	41.5	0
1965	65.6	45.5	108.9	286.7	.7	.1	4.3	48.9	0
1966	69.9	48.5	115.3	284.5	.7	.2	3.9	53.5	0
1967	71.5	47.7	115.9	261.4	.5	.2	4.6	54.9	0
1968	73.3	45.4	117.6	254.2	.6	.3	5.3	65.3	0
1969	76.3	47.9	120.6	254.8	.6	.3	5.3	58.7	0
1970	77.9	45.5	125.4	246.1	1.0	.4	6.2	58.8	0
1971	79.9	49.5	123.3	247.4	1.1	.3	6.5	59.5	0
1972	85.7	50.6	128.1	259.9	1.2	.2	7.2	60.8	0
1973	94.9	53.7	132.4	261.8	1.0	.1	7.3	63.8	0
1974	98.1	57.7	130.6	277.9	1.4	.1	8.3	66.5	0
1975	91.3	50.1	115.0	229.4	1.0	0	6.7	47.1	0
1976	98.7	54.2	124.4	246.0	.9	0	8.1	56.2	0
1977	109.1	65.0	133.8	262.7	1.0	0	9.6	55.7	0
1978	126.4	78.7	149.5	297.2	1.1	0	12.0	54.8	0
1979	142.8	92.7	156.9	313.1	1.2	0	14.8	62.0	0
1980	156.6	101.6	160.4	316.9	1.8	0	17.4	74.2	0
1981	159.4	110.2	154.9	289.7	1.6	0	19.3	76.0	0
1982	200.3	140.5	165.6	308.7	1.7	0	26.0	95.9	0
1983	207.4	160.4	171.8	329.5	1.7	0	28.4	82.1	0
1984	225.3	182.6	175.2	357.5	3.0	0	31.2	98.4	0
1985	231.2	193.4	166.1	337.6	2.6	0	30.4	99.9	0
1986	257.7	218.6	172.2	360.8	2.9	0	32.6	113.0	0
1987	285.9	195.7	177.9	394.5	4.2	0	32.0	112.7	0
1988	345.6	196.4	204.3	437.7	6.7	0	35.3	124.1	0
1989	397.4	190.0	218.0	477.1	6.6	.1	40.6	126.6	0
1990	449.7	188.9	235.9	505.4	5.0	.1	46.8	157.2	0
1991	557.7	196.2	270.5	539.2	6.4	.1	59.1	192.6	0
1992	458.6	173.0	258.9	534.0	7.2	.2	48.1	171.4	0
1993	394.4	159.5	267.5	500.5	8.0	.4	44.3	156.1	0
1994	333.8	145.6	260.4	486.6	10.1	.5	44.3	154.6	0
1995	302.3	135.0	274.1	503.2	11.5	.7	45.7	148.1	0
1996	247.9	121.5	256.5	475.0	12.5	.9	42.4	133.7	0
1997	257.9	116.8	245.2	432.6	6.6	1.0	40.0	132.6	0
1998	264.4	112.4	224.9	413.3	6.4	1.0	42.1	130.9	0
1999	269.6	107.9	222.0	398.0	6.6	1.0	47.3	135.2	0
2000	277.6	105.9	213.0	375.4	6.8	1.1	53.9	139.8	0
2001	263.5	98.0	202.9	335.3	7.0	.9	55.4	129.1	0
2002	259.3	97.9	189.1	324.3	6.8	.8	56.9	128.0	0

NA = not available.

Table 17—Volume of hardwood timber harvested by nonindustrial private forest landowners in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	NA	NA	NA	NA	NA	NA	NA	NA	NA
1951	NA	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA	NA
1953	NA	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA	NA
1955	NA	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA	NA
1957	680.1	953.7	581.6	1,004.7	0.3	2.9	3.2	17.7	0
1958	619.2	859.9	522.1	891.0	.3	2.4	3.5	22.2	0
1959	623.8	868.5	542.0	908.1	.3	2.2	3.8	24.6	0
1960	616.5	817.7	514.3	844.4	.4	1.7	7.6	28.8	0
1961	601.8	803.5	506.4	796.5	.3	1.6	5.9	34.8	0
1962	608.1	795.4	514.5	796.3	.2	1.5	4.9	40.6	0
1963	580.5	785.0	519.7	814.3	.3	2.4	6.1	41.4	0
1964	554.4	787.9	538.5	832.5	.3	1.6	6.8	41.6	0
1965	543.6	718.5	585.2	1,048.6	.5	1.8	8.2	44.4	0
1966	550.1	749.5	616.6	1,087.6	.5	2.1	7.6	43.7	0
1967	535.2	720.3	616.6	1,045.9	.4	2.0	9.1	40.2	0
1968	522.4	671.3	621.8	1,065.7	.5	2.0	10.6	42.5	0
1969	519.0	692.6	634.6	1,120.9	.5	1.9	10.8	33.7	0
1970	506.1	644.5	656.4	1,137.8	.9	2.0	12.9	29.4	0
1971	497.9	694.8	649.6	1,108.7	1.0	2.6	14.2	34.4	0
1972	513.3	703.9	680.1	1,130.2	1.0	3.1	16.2	40.3	0
1973	546.8	739.5	708.1	1,105.0	.9	3.1	17.1	48.1	0
1974	544.1	787.6	703.4	1,138.8	1.2	4.2	20.1	56.7	0
1975	488.0	677.5	624.2	913.3	.9	3.4	16.9	45.1	0
1976	509.0	725.2	680.1	951.7	.8	3.2	20.9	60.4	0
1977	568.4	792.3	736.9	1,013.1	.9	3.9	21.4	54.3	0
1978	665.5	880.6	830.0	1,142.8	.9	6.3	23.0	48.2	0
1979	760.0	956.9	877.9	1,200.0	1.1	6.9	24.2	48.7	0
1980	842.2	972.4	904.3	1,210.7	1.6	8.2	24.1	51.3	0
1981	866.6	983.1	880.6	1,103.4	1.3	5.1	22.5	45.7	0
1982	1,100.8	1,171.7	948.9	1,172.4	1.5	6.8	25.1	49.0	0
1983	1,152.0	1,255.9	992.0	1,247.4	1.5	5.8	22.2	34.7	0
1984	1,265.0	1,345.6	1,019.4	1,349.3	2.6	7.4	19.2	33.0	0
1985	1,312.0	1,345.3	974.4	1,270.1	2.2	9.6	14.1	25.0	0
1986	1,478.5	1,438.9	1,018.2	1,353.2	2.5	10.3	10.7	18.8	0
1987	1,242.9	1,317.2	945.1	1,339.0	2.5	12.3	9.7	27.2	0
1988	1,179.8	1,354.0	981.8	1,351.4	3.1	16.3	10.1	38.7	0
1989	1,090.2	1,343.4	953.2	1,345.9	2.6	17.4	10.9	48.0	0
1990	1,006.5	1,370.9	942.5	1,307.3	1.7	17.6	11.9	69.7	0
1991	1,028.6	1,463.4	992.0	1,283.4	2.0	20.2	14.2	97.2	0
1992	975.6	1,312.9	965.8	1,372.5	1.6	20.0	11.9	104.8	0
1993	972.8	1,231.5	1,014.8	1,392.1	1.3	22.2	11.3	113.7	0
1994	961.4	1,144.3	1,005.2	1,469.0	1.1	19.1	11.7	132.5	0
1995	1,026.5	1,081.3	1,076.3	1,654.2	.7	18.9	12.4	147.8	0
1996	1,005.3	992.4	1,025.4	1,706.3	.2	16.6	11.9	154.2	0
1997	1,047.9	977.4	1,022.3	1,599.0	.1	15.8	12.3	158.0	0
1998	1,076.4	964.6	979.1	1,572.3	.1	15.0	14.0	160.9	0
1999	1,099.7	949.5	1,009.9	1,559.1	.1	14.6	16.8	171.7	0
2000	1,134.2	955.8	1,013.7	1,514.3	.1	14.8	20.4	183.2	0
2001	1,078.8	907.0	1,011.3	1,393.5	.1	12.0	22.1	174.5	0
2002	1,063.7	929.8	988.1	1,388.8	.1	9.3	23.9	178.5	0

NA = not available.

Table 18—Volume of total timber harvested^a by public landowners^b in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	11.0	109.1	NA	NA	138.2	136.3	109.3	551.1	172.4
1951	12.8	98.2	NA	NA	156.1	129.3	150.1	523.2	171.3
1952	12.1	90.2	NA	NA	182.1	123.9	122.9	513.6	166.6
1953	12.7	92.0	70.8	227.3	202.1	134.0	123.9	616.4	187.7
1954	11.2	98.1	68.1	225.5	235.2	140.9	153.9	656.2	190.9
1955	11.9	90.0	72.4	214.5	276.4	158.6	194.1	671.5	197.5
1956	13.2	87.4	77.4	217.6	296.8	168.4	210.5	638.2	206.6
1957	67.2	218.3	92.6	250.7	237.3	166.5	187.0	611.0	180.9
1958	60.9	202.3	85.5	235.5	254.3	172.2	225.9	716.3	225.7
1959	61.5	214.9	92.8	235.7	314.3	190.5	298.4	924.6	272.4
1960	61.2	207.0	85.5	205.9	294.4	162.5	273.0	791.4	231.8
1961	60.6	202.5	85.4	188.8	314.6	161.3	282.2	877.9	249.5
1962	62.2	209.4	86.6	177.0	335.7	177.1	285.4	981.5	291.3
1963	60.2	213.9	91.6	185.2	379.6	190.3	342.3	1,140.4	324.3
1964	58.8	200.1	100.9	195.5	380.2	206.2	388.0	1,170.4	346.6
1965	58.9	190.6	110.0	219.5	415.2	209.8	396.8	1,233.0	377.8
1966	60.9	202.6	117.5	235.7	422.9	231.6	407.8	1,103.9	364.6
1967	61.8	189.0	120.0	238.1	397.9	236.8	399.7	1,057.1	386.9
1968	61.8	176.2	127.1	259.4	447.2	258.6	501.5	1,295.7	396.7
1969	63.3	188.4	135.3	285.6	444.3	253.4	425.2	1,167.0	366.7
1970	63.7	186.0	145.9	289.6	389.8	251.3	395.8	1,079.5	307.9
1971	62.5	187.8	145.5	294.6	406.0	243.9	438.2	1,120.8	355.1
1972	64.3	191.8	156.4	304.8	388.9	240.9	470.1	1,345.5	401.8
1973	69.2	201.4	164.3	305.0	381.1	224.8	430.2	1,313.3	395.2
1974	69.4	215.4	166.2	298.6	332.5	218.8	370.7	1,022.6	354.5
1975	63.2	196.5	155.2	270.5	272.5	203.9	320.0	788.8	341.2
1976	67.2	212.8	171.7	291.6	361.8	220.8	396.9	1,076.6	387.4
1977	70.9	224.4	178.1	306.2	335.2	229.5	382.3	1,050.9	384.4
1978	80.3	250.2	188.1	320.6	343.1	223.9	385.6	1,117.1	385.9
1979	87.7	264.5	195.9	333.0	328.3	226.6	380.7	1,242.1	367.3
1980	92.6	254.0	195.7	317.3	270.4	237.0	337.5	932.2	302.2
1981	94.1	246.6	194.5	306.0	285.4	222.1	252.3	762.4	283.0
1982	109.7	271.2	194.7	303.1	196.7	203.4	235.3	609.1	232.9
1983	112.0	282.1	204.2	321.1	331.1	233.6	385.8	983.5	365.4
1984	115.3	292.3	205.3	333.2	310.0	244.2	364.9	1,150.3	409.0
1985	117.5	298.8	195.3	319.9	330.4	245.5	414.3	1,218.5	404.4
1986	125.5	324.9	198.9	344.0	343.7	282.8	452.2	1,324.3	443.3
1987	133.7	334.0	210.4	342.2	373.0	273.2	452.6	1,368.4	463.8
1988	155.0	373.3	219.6	337.9	352.4	276.3	484.3	1,461.8	414.8
1989	177.1	403.1	224.4	330.1	374.3	249.0	454.4	1,215.3	438.8
1990	191.7	431.0	238.8	336.8	344.6	208.9	355.5	885.3	360.8
1991	230.4	491.3	245.9	327.8	301.2	201.7	333.5	695.1	307.8
1992	196.0	472.8	244.6	321.8	307.9	179.4	257.3	574.9	244.4
1993	173.9	471.3	234.7	309.1	247.7	137.4	192.7	449.0	226.2
1994	153.7	464.6	227.0	307.4	195.3	136.8	206.1	315.8	155.8
1995	143.9	457.0	229.1	307.2	173.2	117.4	156.5	324.3	152.4
1996	125.2	441.8	216.0	297.3	184.2	106.5	140.3	369.7	154.3
1997	124.6	423.6	210.5	265.0	163.9	107.8	149.5	355.0	153.4
1998	121.0	405.5	195.9	237.1	177.0	107.2	125.0	328.5	133.9
1999	118.8	383.3	181.0	211.3	153.8	102.6	120.2	357.2	134.5
2000	116.9	377.5	171.2	181.6	138.2	91.5	106.0	304.2	120.9
2001	106.0	359.2	160.9	145.5	117.5	81.8	85.5	275.8	111.3
2002	99.5	353.6	149.8	121.0	126.2	75.5	81.9	258.7	107.5

NA = not available.

^a Hardwood and softwood.^b National forest and other government/public lands.

Table 19—Volume of total timber harvested^a by private landowners^b in the United States by supply region and year, 1950-2002

Year	Northeast	North Central	Southeast	South Central	Northern Rockies	Southern Rockies	Pacific Southwest	Pacific Northwest West	Pacific Northwest East
<i>Million cubic feet</i>									
1950	534.6	206.5	NA	NA	179.8	60.1	656.3	1,314.3	173.4
1951	609.8	180.6	NA	NA	157.7	47.0	719.8	1,268.3	204.8
1952	565.2	161.3	NA	NA	169.4	46.2	701.1	1,377.9	272.5
1953	576.9	160.0	1,816.3	1,023.1	154.2	47.2	795.4	1,277.8	280.7
1954	498.7	165.9	1,701.5	1,079.6	170.0	47.9	775.0	1,218.8	310.3
1955	521.9	148.2	1,760.8	1,095.1	139.5	35.2	779.9	1,362.0	309.8
1956	564.5	139.9	1,833.2	1,187.7	185.4	43.7	865.3	1,288.5	231.1
1957	1,288.4	1,195.4	2,340.7	2,263.2	148.2	69.7	813.8	1,265.5	240.9
1958	1,143.9	1,075.9	2,111.2	2,178.7	183.6	48.6	772.1	1,301.8	275.3
1959	1,141.3	1,092.0	2,235.7	2,300.4	210.7	49.6	850.6	1,308.0	287.2
1960	1,125.0	1,025.0	2,024.8	2,153.1	200.9	41.9	733.1	1,301.8	298.6
1961	1,115.3	996.4	1,979.9	2,101.0	176.2	40.8	704.5	1,255.2	272.1
1962	1,147.0	989.4	1,970.7	2,123.4	193.0	31.1	699.4	1,262.6	271.8
1963	1,089.1	987.5	1,995.6	2,194.1	139.8	25.9	654.3	1,285.6	246.5
1964	1,052.3	972.0	2,104.8	2,282.8	188.6	37.3	665.2	1,206.1	236.0
1965	1,042.0	898.7	2,209.6	2,620.0	185.8	34.2	632.8	1,363.3	213.2
1966	1,066.6	944.0	2,272.1	2,770.7	205.1	28.5	613.0	1,437.6	241.4
1967	1,092.6	899.9	2,236.0	2,747.0	228.1	27.7	580.2	1,457.0	189.5
1968	1,082.5	839.5	2,281.1	2,928.8	215.9	30.0	592.4	1,539.2	202.1
1969	1,105.5	876.9	2,341.9	3,173.7	179.6	28.1	605.1	1,523.3	200.0
1970	1,111.4	832.8	2,438.7	3,200.4	211.6	32.1	569.0	1,730.2	234.3
1971	1,073.5	875.2	2,361.0	3,243.6	219.6	33.0	548.4	1,555.2	229.7
1972	1,088.7	885.0	2,463.0	3,362.8	235.7	37.5	574.4	1,484.8	191.6
1973	1,170.1	926.0	2,514.9	3,368.7	280.2	31.5	623.0	1,429.1	189.6
1974	1,168.7	983.5	2,474.8	3,344.1	246.8	34.1	542.1	1,473.0	164.8
1975	1,063.6	858.5	2,243.5	2,988.8	292.3	34.4	492.0	1,465.2	143.6
1976	1,136.0	918.7	2,416.3	3,226.0	271.0	37.3	525.9	1,614.1	166.3
1977	1,188.9	1,002.0	2,547.0	3,422.0	325.2	37.9	578.6	1,612.7	180.6
1978	1,358.1	1,125.7	2,741.1	3,649.0	321.9	49.0	548.5	1,584.6	163.1
1979	1,493.7	1,224.1	2,896.3	3,827.4	326.6	47.5	527.0	1,654.8	190.1
1980	1,586.8	1,232.9	2,939.9	3,707.1	281.2	76.6	456.9	1,445.9	158.7
1981	1,656.1	1,242.1	2,951.3	3,577.4	255.6	77.7	456.2	1,320.8	157.6
1982	1,922.2	1,456.6	3,021.6	3,608.1	276.4	71.8	444.5	1,567.1	188.7
1983	2,014.4	1,560.7	3,207.9	3,857.6	288.7	38.4	383.2	1,540.7	145.0
1984	2,101.3	1,669.6	3,277.7	4,061.4	291.2	44.1	471.7	1,515.6	124.1
1985	2,206.0	1,695.6	3,160.1	3,922.4	275.2	42.6	454.4	1,528.5	124.4
1986	2,412.0	1,839.8	3,273.5	4,249.6	357.3	45.8	534.5	1,657.5	124.2
1987	2,187.4	1,687.6	3,328.1	4,348.8	351.0	57.8	623.6	1,824.9	144.2
1988	2,200.9	1,723.0	3,406.1	4,434.3	359.6	68.9	657.4	1,732.4	154.1
1989	2,265.9	1,701.7	3,392.0	4,474.7	337.4	57.4	610.3	1,945.7	147.9
1990	2,158.6	1,707.9	3,513.0	4,691.4	341.9	60.5	692.2	1,921.7	160.7
1991	2,310.4	1,807.6	3,555.1	4,721.5	338.0	68.2	675.5	1,883.9	194.3
1992	2,126.6	1,637.1	3,623.6	4,817.8	340.8	59.1	617.8	1,815.3	205.3
1993	2,028.0	1,547.4	3,592.8	4,807.6	333.8	66.2	548.9	1,670.1	154.3
1994	1,946.8	1,450.1	3,575.8	4,973.6	368.4	68.9	519.8	1,851.4	231.8
1995	1,962.4	1,371.1	3,718.5	5,195.3	368.8	63.9	509.4	1,848.4	180.4
1996	1,868.0	1,267.8	3,614.8	5,246.0	347.1	64.2	508.4	1,712.9	159.6
1997	1,916.7	1,249.6	3,709.2	5,144.6	360.7	54.3	491.9	1,597.2	154.6
1998	1,912.9	1,231.9	3,644.2	5,127.3	355.4	54.2	502.8	1,640.2	163.7
1999	1,949.8	1,204.6	3,556.1	5,155.3	382.6	55.4	505.1	1,607.7	161.9
2000	1,987.9	1,217.9	3,566.9	5,078.7	353.3	53.3	517.0	1,666.5	152.5
2001	1,869.8	1,180.1	3,567.3	4,765.4	339.5	39.9	474.9	1,592.5	139.2
2002	1,822.7	1,202.7	3,551.9	4,774.6	330.8	39.1	447.7	1,562.1	133.0

NA = not available.

^a Hardwood and softwood.^b Forest industry and nonindustrial private forest.

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