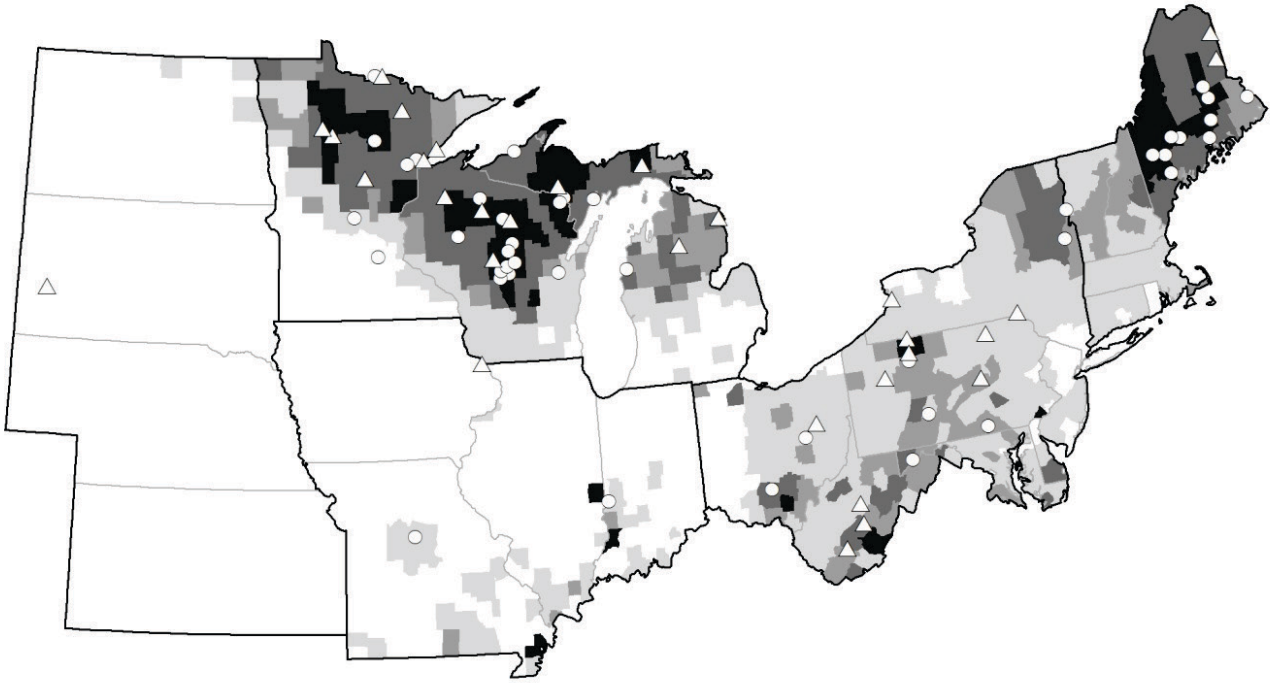
United States Department of Agriculture

Pulpwood Production in the Northern Region, 2007

Ronald J. Piva



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Abstract

In 2007, pulpwood production increased by 5 percent in the New England States, while it decreased by 1 percent in the Mid-Atlantic States, decreased by 8 percent in the Central States and the Lake States, and decreased by 26 percent in the Plains States. In the Northern Region, pulpwood production from roundwood decreased by 11 percent and pulpwood production from mill residues decreased by nearly 13 percent. Pulpwood production for use by pulp mills decreased by only 1 percent, while pulpwood production for use by composite panel mills decreased by 12 percent. The downturn in the pulp and composite panel industry led to the idling or closure of three mills in 2006, five mills in 2007, and two mills in 2008. Only one previously idled mill was restarted during that time period.

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INTRODUCTION

Current detailed information about pulpwood production[1] is necessary for intelligent planning and decision making in wood procurement, forest resource management, forest industry development, and scientific studies.

This report includes information regarding pulpwood produced for use in the manufacture of all primary products made from reconstituted wood fiber. The two major products made from pulpwood are pulp products and composite panel products. Pulp products include wood pulp, corrugated medium, roofing material, and insulation board. Composite panel products include flakeboard, waferboard, medium density fiberboard, hardboard, particleboard, oriented strand board, and parallel strand lumber. Wood chips or fibers used at composite panel mills are nearly identical to wood chips or fibers used at pulp mills. Therefore, including this wood in our data compilation provides a more accurate estimate of demand for pulpwood-like material. This report discusses the production of the raw fiber material delivered to mills. Thus, these data report only that portion of the timber harvest used as raw material and do not necessarily reflect the volume of growing stock harvested.

Pulpwood is a large component of the industrial timber products harvested annually in the Northern Region, accounting for more than half of the total harvest in some states each year. The Central States (Illinois, Indiana, Iowa, Missouri), Lake States (Michigan, Minnesota, Wisconsin), Mid-Atlantic States (Delaware, Maryland, New Jersey, New York, Ohio, Pennsylvania, West Virginia), New England States (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont), and Plains States (Kansas, Nebraska, North Dakota, South Dakota) are discussed separately because the timber types in each area are different and the flow of wood between the areas is nominal. Results for pulpwood production and receipts are discussed at the broad regional level to avoid revealing the operations of individual mills.

[1] Definitions of many terms used in this publication are found in Appendix 1.

STUDY METHODS

The Northern Research Station's (NRS) pulpwood study uses questionnaires designed to determine the size and composition of the primary pulpwood-using industry, its use of roundwood and wood residues, and its generation and disposition of wood residues. These questionnaires were mailed or emailed to all known users of pulpwood in the Northern Region and to all Canadian pulpwood mills that were possible users of Northern Region pulpwood. Followup emails and phone calls were made in an effort to achieve a 100 percent response. Completed questionnaires were sent to NRS for data entry and processing.

As part of data entry and processing, all roundwood volumes reported on the questionnaires were converted to standard units of measure using regional conversion factors found in Appendix 3. Timber removals by source of material and harvest residues generated during logging were estimated from standard product volumes using factors developed from logging utilization studies previously conducted by NRS. Finalized data on NRS pulpwood receipts were loaded into a regional timber removals database where they were supplemented with data from other regions to provide a complete assessment of the Northern Region's production and use of pulpwood. Table 30 lists the pulpwood mills from Canada and other regions that reported receiving pulpwood from the Northern Region.

As part of reporting forest resource statistics for the national Resource Planning Act (RPA), the Northern Station must provide harvest volumes by state, county, and species. Some mills are not able to provide the county and/or species level of reporting. Instead, they report species volume as different groups, such as mixed hardwoods and softwoods, or county volumes listed as other counties instead of specific counties. In such cases, volumes are prorated to counties and/or species based on distance from mill and Forest Inventory and Analysis statistics of the volume of growing stock on forest land by county and species.

In 2007, surveys were conducted with pulp and composite panel mills from the Northern Region. Mills reported pulpwood receipts by species group and county of origin. This bulletin presents the results of the survey, compiles the data, compares results with those of 2006 and earlier years, and discusses trends in pulpwood production and use.

When new surveys are completed, errors and omissions from previous surveys are corrected. As a result of ongoing efforts to improve the survey's efficiency and reliability, changes may have been made to the previous survey's data. All comparisons and analyses in this report are based on the reprocessed data from earlier surveys, which may vary slightly from previously published data.

CENTRAL STATES

Production And Receipts

Because of the few pulpwood mills in the Central States, detailed county and receipt information is not reported for Illinois, Indiana, Iowa, and Missouri to avoid disclosure of individual mills.

- In the Central States, 367,000 cords of pulpwood were produced in 2007. Overall, 28 percent came from roundwood (including chips from roundwood) and 72 percent came from the residue of wood-using plants (Fig. 1 and Table 1).

- Hard hardwoods was the most harvested species group for pulpwood with 64,000 cords (63 percent of the total roundwood harvested) (Table 2). Another 31,000 cords of soft hardwoods (30 percent of the total roundwood harvest) and 7,000 cords of softwoods (7 percent of the total roundwood harvested) were harvested in 2007.

- Missouri was the largest producer of pulpwood in the Central States in 2007 with 49 percent of the regional total, or 179,000 cords. Indiana produced 40 percent of the pulpwood produced in the Central States, Illinois produced 8 percent, and Iowa produced 3 percent (Fig. 2).

- In the Central States, all of the roundwood harvested for pulpwood and 98 percent of the mill residues used for pulpwood were used by pulp mills (Fig. 3).

- Central States pulpwood mills received 64,000 cords of pulpwood in 2006. Twenty percent of the pulpwood received was in the form of roundwood. The remainder was residues from other primary wood processors. The Lake States supplied 22 percent of the pulpwood (all residues from other primary wood processors) to mills in the Central States.

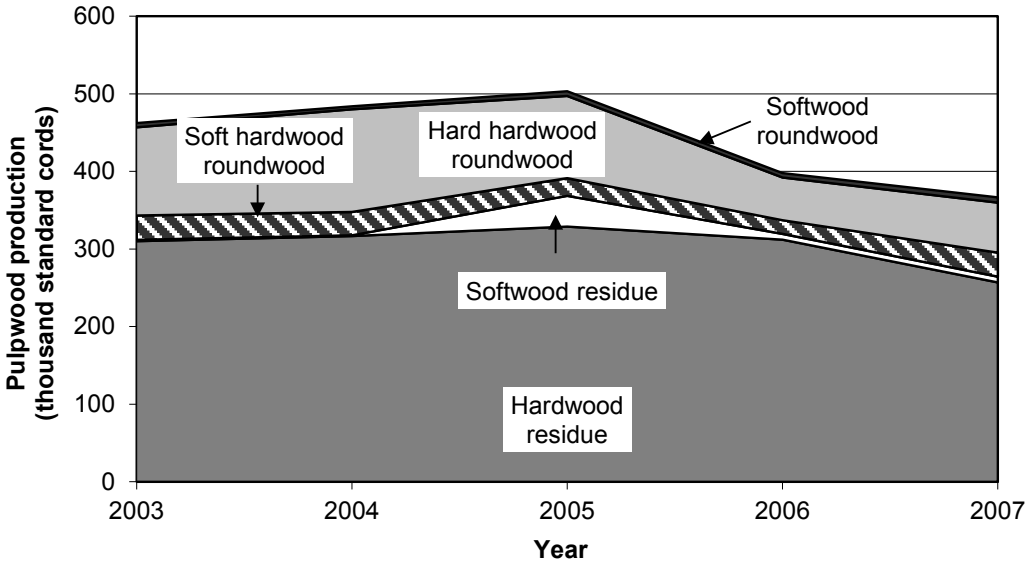

Figure 1.—Pulpwood production in the Central States by softwood, hard hardwood, soft hardwood, and roundwood and residues, 2003-2007.

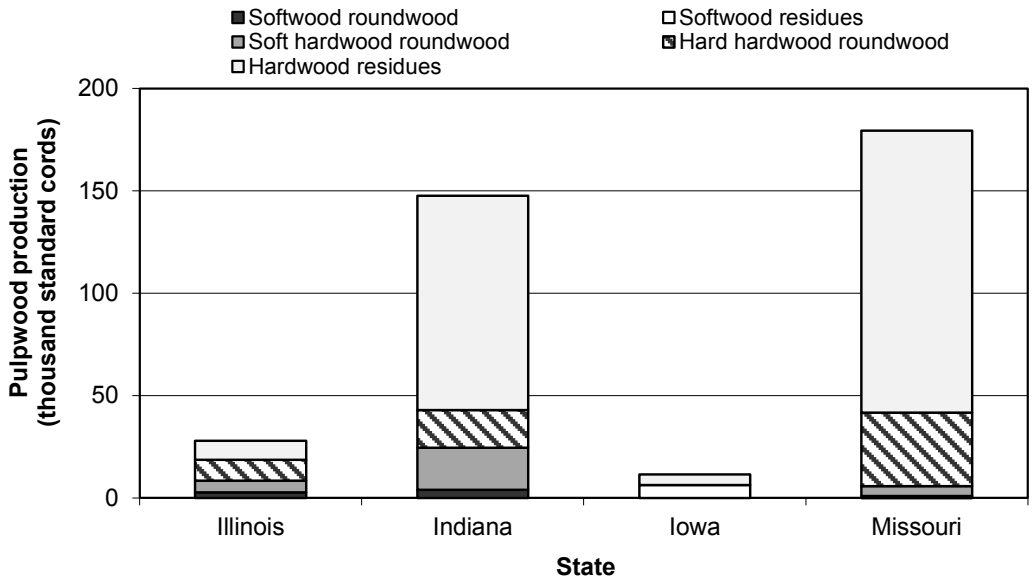

Figure 2.—Pulpwood production in the Central States by state, softwood, hard hardwood, soft hardwood, and product form, 2007.

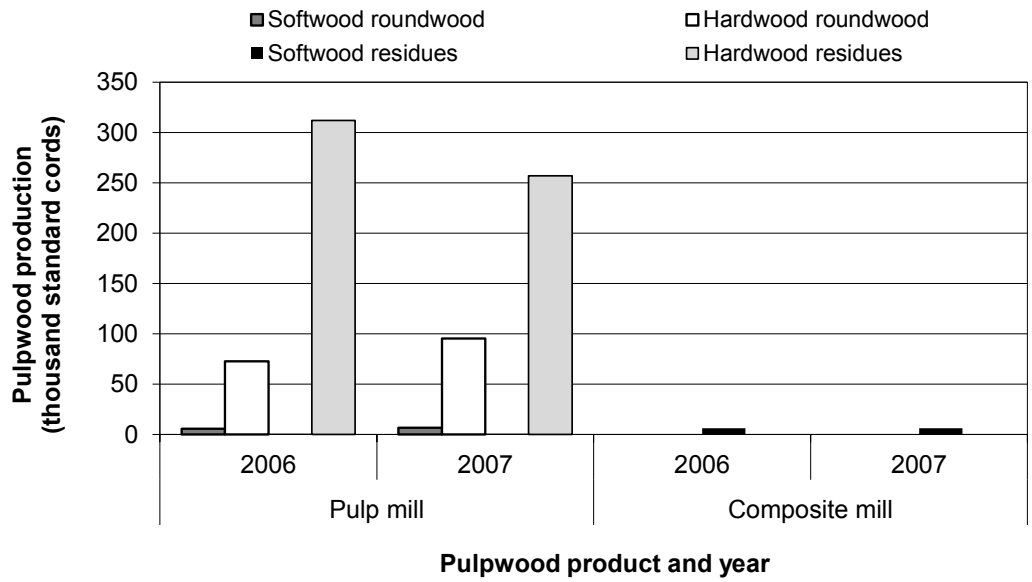

Figure 3.—Pulpwood production in the Central States by softwood and hardwood, product form, and mill type, 2006 and 2007.

Industry Trends And Analysis

- Pulpwood production in the Central States decreased by 8 percent, from 398,000 cords in 2006 to 367,000 cords in 2007. Pulpwood production from roundwood increased by 30 percent while pulpwood production from residues decreased by 17 percent.

- Only 13 percent of the roundwood and 14 percent of the mill residues that were produced in the Central States for pulpwood went to mills in the Central States.

- Mills in the Southern States received 84 percent of the total wood material produced in the Central States for pulpwood in 2007. Collectively, the Lake States and Mid-Atlantic States received 2 percent.

- In 2007, there were two pulp mills and one composite panel mill in the Central States (Table 3).

- Pulpwood harvesting in most of the Central States was minimal in 2007. Fifty-two counties in the Central States had pulpwood harvesting. An average of 16 cords of pulpwood harvested per thousand acres of timberland came from these 52 counties. Only seven counties harvested more than 50 cords of pulpwood per thousand acres of timberland (Fig. 4).

- Pulpwood production for the Central States is expected to decrease again in 2008 as pulp products markets continue to decline. Also, the International Paper mill at Terre Haute, IN, closed in October 2007.

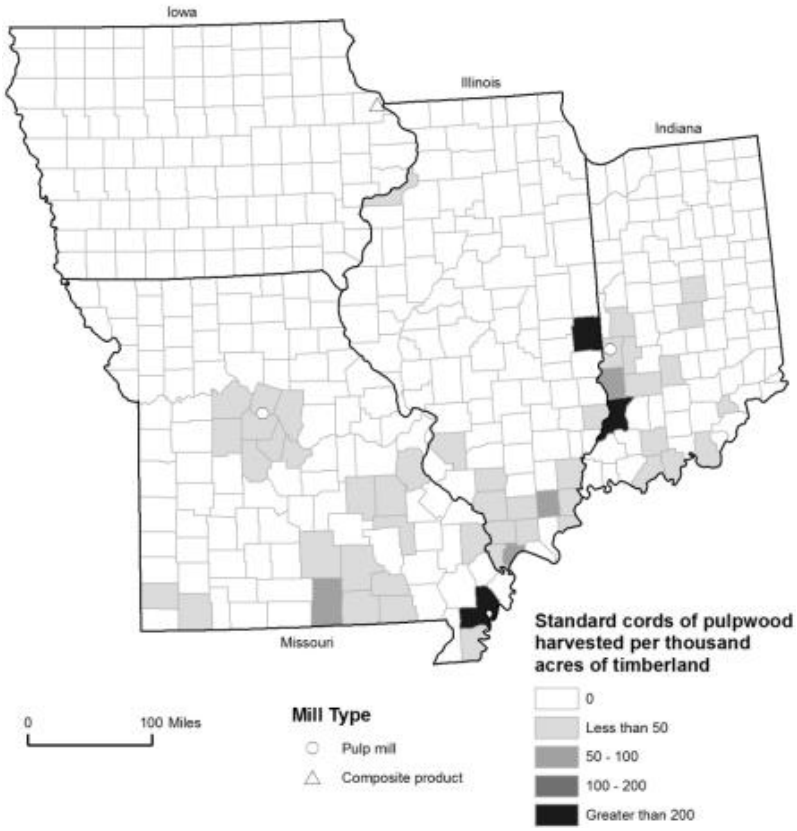

Figure 4.—Standard cords of pulpwood harvested per thousand acres of timberland in the Central States by county, 2007. Area of timberland is based on U. S. Forest Service Forest Inventory and Analysis data for 2007. The map shows active pulp and composite products mills. See Table 3 for pulpwood mills in the Central States.

LAKE STATES

Production

- Pulpwood production in the Lakes States fell from 8.5 million cords in 2006 to 7.8 million cords in 2007, an 8 percent decrease. In 2007, 89 percent of the pulpwood produced came from roundwood and 11 percent were mill residues from other primary wood processors in the Lake States (Table 4).

- Aspen/balsam poplar remained the dominant species group harvested for pulpwood in the Lake States in 2007 with 2.8 million cords or 41 percent of the total roundwood. Other important species harvested for pulpwood in 2006 were soft maple (730,000 cords), hard maple (721,000 cords), white birch (543,000 cords), and spruce (324,000 cords) (Fig. 5 and Table 5).

- Wisconsin was the leading producer of pulpwood in the Lake States in 2007 with 2.9 million cords. Michigan produced 2.6 million cords of pulpwood in 2006, followed by Minnesota with 2.3 million cords (Fig. 6).

- Seventy-five percent (5.8 million cords) of the pulpwood produced in the Lake States went to pulp mills. The remaining 2.0 million cords of pulpwood produced went to composite products mills (Table 6).

- The production of pulpwood decreased by 3 percent for pulp products and by 20 percent for composite products between 2006 and 2007 (Fig. 7 and Table 7).

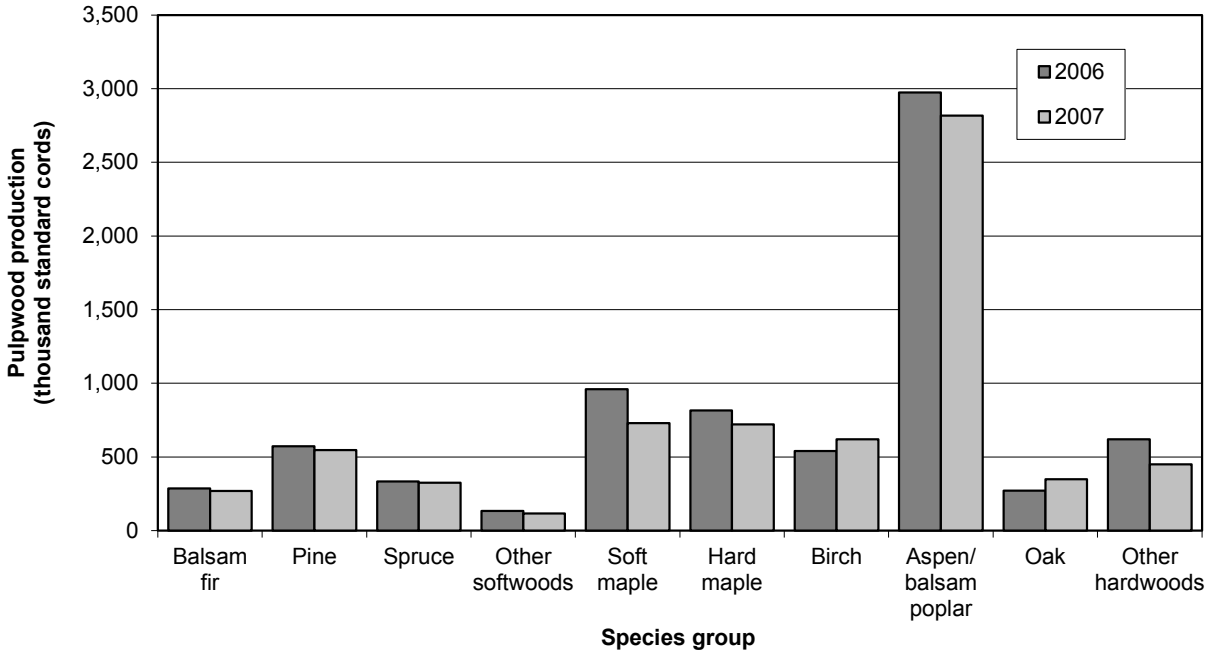

Figure 5.—Pulpwood production from roundwood in the Lake States by species group, 2006 and 2007.

Receipts

- In 2007, 22 pulp and 15 composite products mills in the Lake States acquired 7.9 million cords of pulpwood, a decrease of 9 percent from the year before.

- Pulpwood mills in Wisconsin processed 37 percent of the total receipts in the Lake States, Michigan processed 32 percent, and Minnesota processed 31 percent.

- Almost 99 percent of the pulpwood produced in the Lake States was processed by mills in the Lake States. The remaining pulpwood production was sent to mills in Iowa, Ohio, and Canada. Pulpwood mills in the Lake States acquired 98 percent of the total wood material acquired from Lake States pulpwood production. The remaining wood material acquired at Lake States pulpwood mills came from Illinois, Iowa, North Dakota, and Canada.

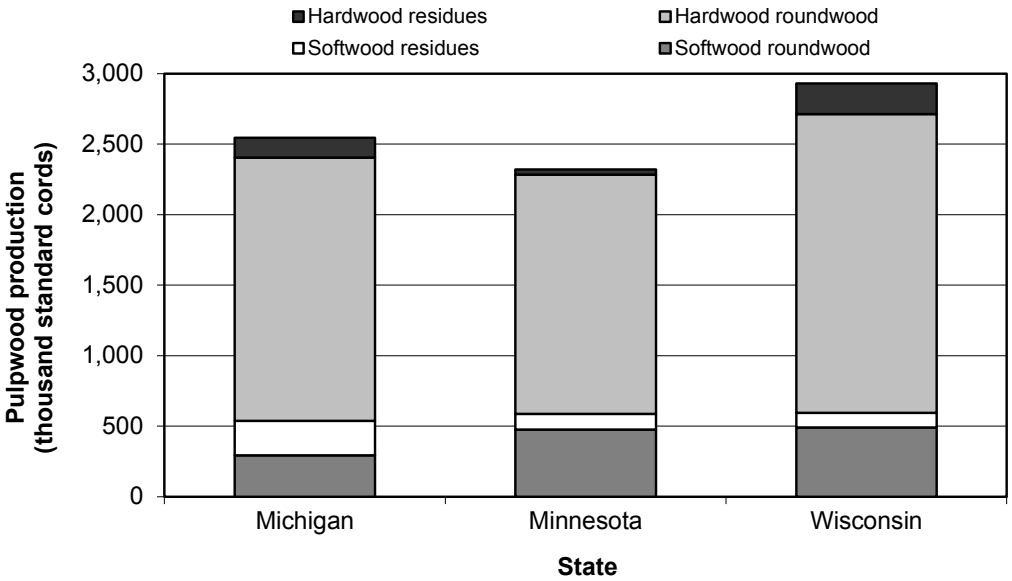

Figure 6.—Pulpwood production in the Lake States by state, softwood and hardwood, and product form, 2007.

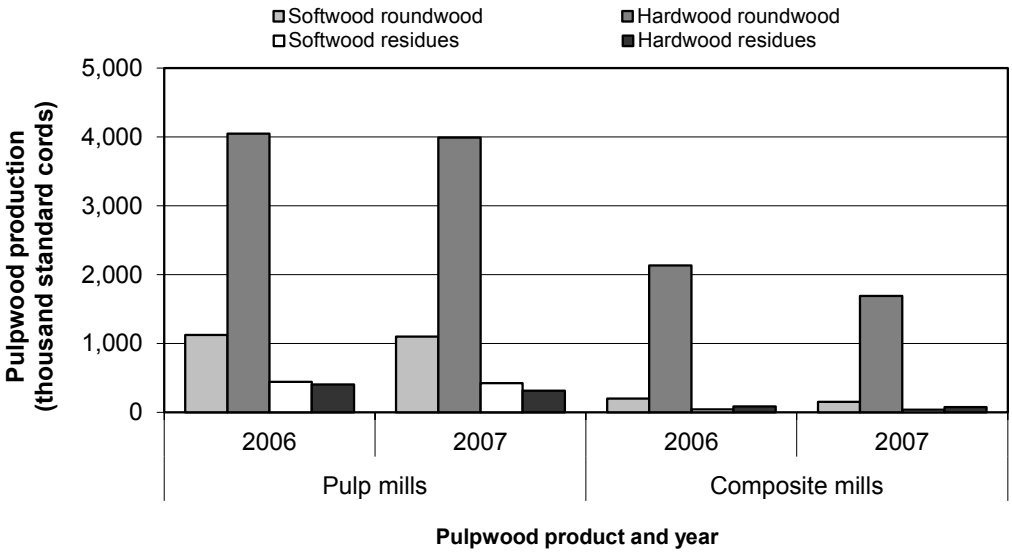

Figure 7.—Pulpwood production in the Lake States by softwood and hardwood, product form, and mill type, 2006 and 2007.

Industry Trends and Analysis

- Lake States pulpwood production from roundwood decreased by 8 percent from 2006 to 2007, while pulpwood production from mill residues increased by 10 percent.

- Seventy-seven percent of the roundwood harvested for pulpwood in the Lake States occurred in the northern tier of Forest Inventory Units (Eastern Upper Peninsula and Western Upper Peninsula Units of Michigan, Aspen-Birch and Northern Pine Units of Minnesota, and Northeastern and Northwestern Units of Wisconsin) (Tables 8, 9, and 10).

- In the Lake States, 167 counties had pulpwood harvesting, with an average of 137 cords of pulpwood harvested per thousand acres of timberland. Forty-two counties had pulpwood harvest levels greater than 150 cords per thousand acres of timberland (Fig. 8).

- Mill closures in the Lake States continued in 2006 and 2007. In 2006, two mills closed: Georgia-Pacific Corp., Gaylord, MI, and Ainsworth Engineered (USA), LLC, Grand Rapids, MN. In 2007, three mills closed: Ainsworth Engineered (USA), LLC, Cook, MN; CertainTeed Corp., Shakopee, MN; and Trus Joist by Weyerhaeuser, Deerwood, MN.

- Pulpwood production for the Lake States is expected to decrease again in 2008 as pulp products and composite products markets continue to decline. In addition, the Domtar mill in Port Edward, WI, closed in 2008.

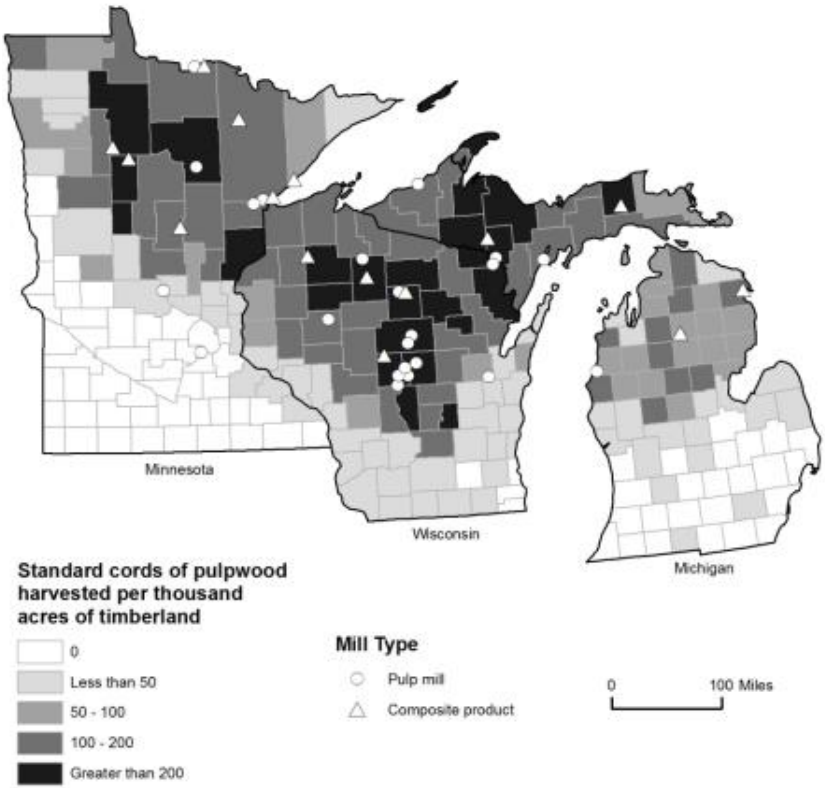

Figure 8.—Standard cords of pulpwood harvested per thousand acres of timberland in the Lake States by county, 2007. Area of timberland is based on U. S. Forest Service Forest Inventory and Analysis data for 2007. The map shows active pulp and composite products mills. See Table 11 for pulpwood mills in the Lake States.

MID-ATLANTIC STATES

Production

- Pulpwood production in the Mid-Atlantic States decreased by only 1 percent, from 4.2 million cords in 2006 to 4.1 million cords in 2007. In 2007, 68 percent of the pulpwood produced came from roundwood and 32 percent came from mill residues from other primary wood processors in the Mid-Atlantic States (Table 12).

- Soft maple and yellow-poplar accounted for 27 percent of the total volume harvested for pulpwood in the Mid-Atlantic States in 2007, with 425,000 cords and 318,000 cords, respectively. Other important species harvested for pulpwood in 2007 were hard maple (217,000 cords), white oaks (209,000 cords), white pine (204,000 cords), and red oak (199,000 cords) (Fig. 9 and Table 13).

- Almost one-third (1.2 million cords) of the pulpwood produced in the Mid-Atlantic States came from Pennsylvania. West Virginia was the second largest producer of pulpwood with 1.2 million cords (Fig. 10).

- Pulp mills received almost 70 percent (2.8 million cords) of the pulpwood produced in the Mid-Atlantic States. The remaining 1.3 million cords of pulpwood produced went to composite products mills (Table 14).

- The production of pulpwood for composite products increased by 2 percent from 2006 to 2007, while production of pulpwood for pulp products decreased by 3 percent (Fig. 11 and Table 15).

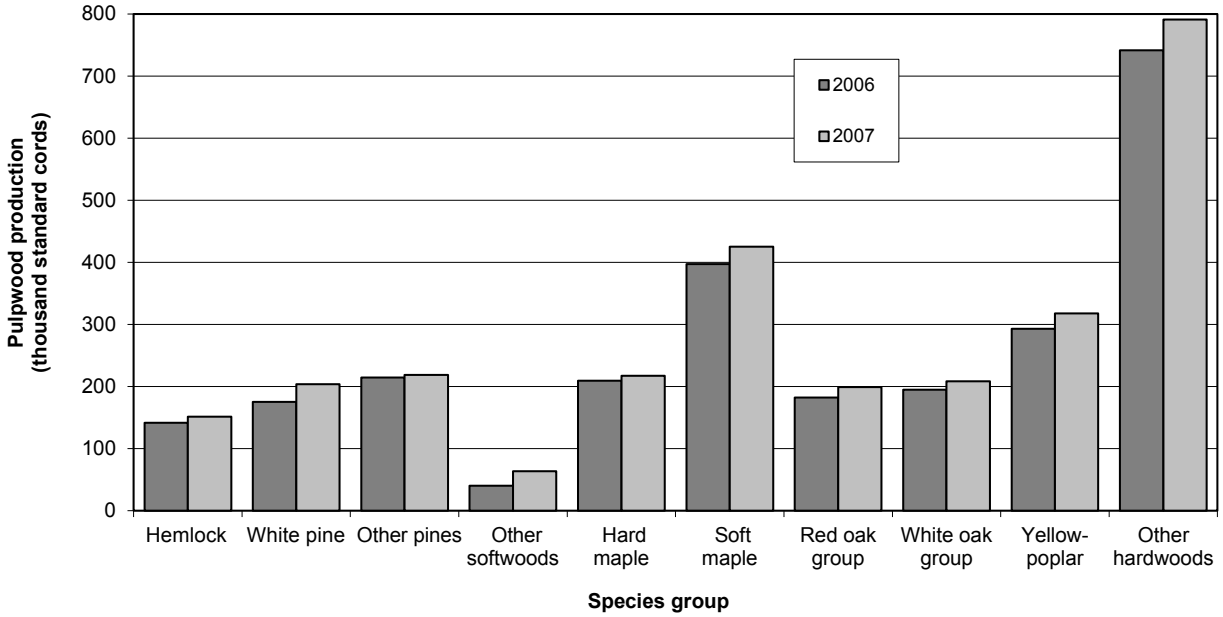

Figure 9.—Pulpwood production in the Mid-Atlantic States by species group, 2006 and 2007.

Receipts

Because there is only one pulpwood mill left in Maryland and none in Delaware or New Jersey, detailed receipt information for those states will not be reported to avoid disclosure of individual mills.

- In 2007, 8 wood pulp mills and 11 composite products mills in the Mid-Atlantic States acquired 4.1 million cords of pulpwood, just 3,000 cords more than the year before.

- Pulpwood mills in Pennsylvania processed 38 percent of the total receipts in the Mid-Atlantic States.

- Eighty-six percent of the pulpwood produced in the Mid-Atlantic States was processed by mills in the Mid-Atlantic States. The Southern States supplied 73 percent and the

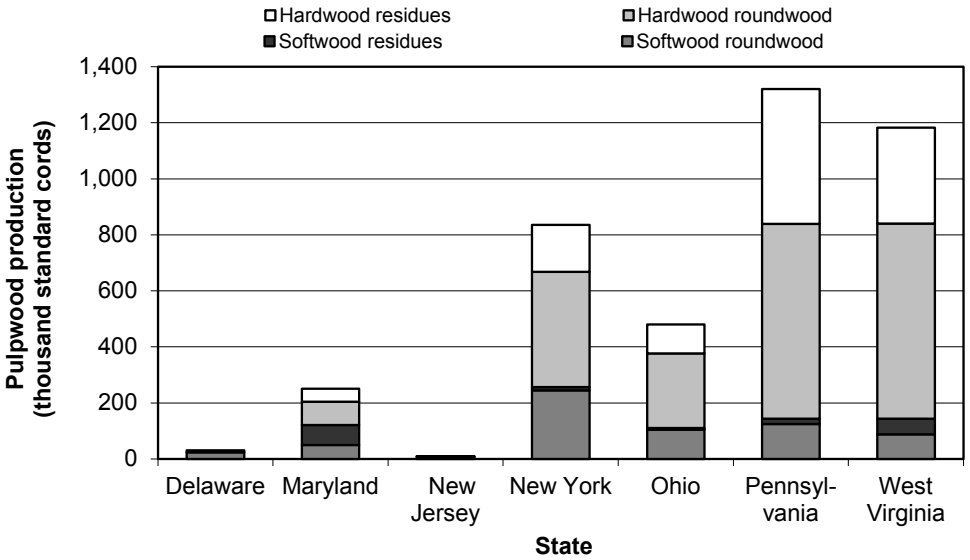

Figure 10.—Pulpwood production in the Mid-Atlantic States by state, softwood and hardwood, and product form, 2007.

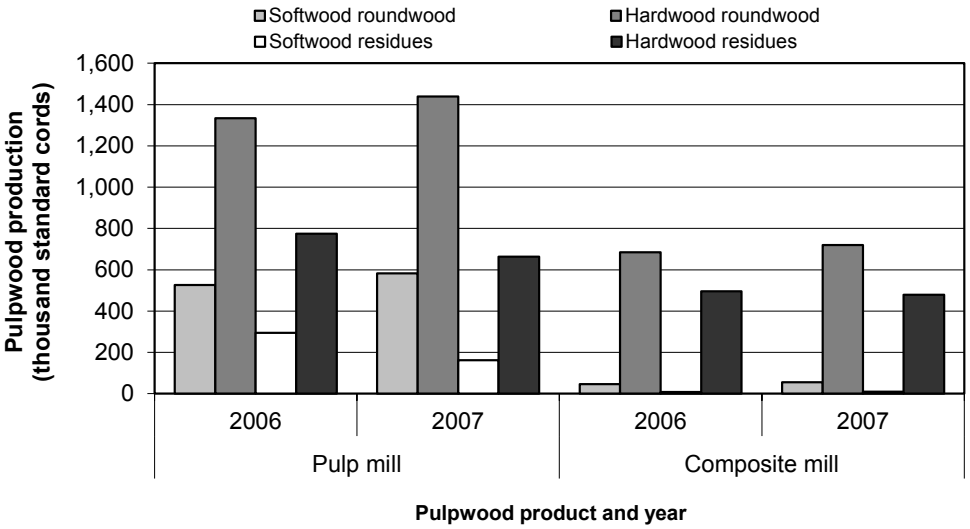

Figure 11.—Pulpwood production in the Mid-Atlantic States by softwood and hardwood, product form, and mill type, 2006 and 2007.

New England States supplied 26 percent of pulpwood that was imported into the Mid-Atlantic States. The remaining 1 percent of pulpwood imports came from the Central States, Lake States, and Canada.

Industry Trends and Analysis

- Pulpwood production in the Mid-Atlantic States increased by 8 percent for roundwood but decreased by 17 percent for mill residues.

- Roundwood harvested for pulpwood occurred in 254 of the 313 counties in the Mid-Atlantic States (Tables 16, 17, 18, 19, and 20). One-quarter of the total harvest came from only eight counties: New York—Essex, Franklin, St. Lawrence, and Saratoga Counties; Pennsylvania—McKean County; West Virginia—Fayette, Greenbrier, and Randolph Counties.

- An average of 50 cords of pulpwood was harvested per thousand acres of timberland from the 254 counties in the Mid-Atlantic States that harvested pulpwood in 2007. Twenty-nine counties harvested more than 100 cords of pulpwood per thousand acres of timberland (Fig. 12).

- No pulpwood mills closed in the Mid-Atlantic States in 2006 or 2007.

- Another decrease in pulpwood production is expected in the Mid-Atlantic States in 2008 due to the closure of the Great Lakes MDF mill in Lacawanna, NY, and the Knight-Celotex, LLC, mill in Sunbury, PA; the pulp product and composite product markets continue to decline.

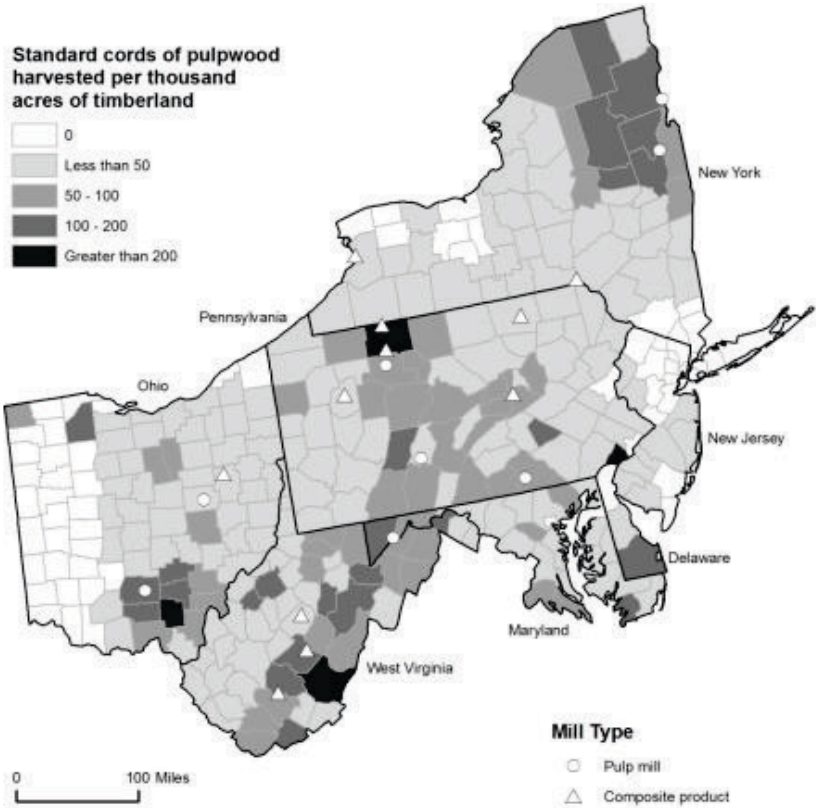

Figure 12.—Standard cords of pulpwood harvested per thousand acres of timberland in the Mid-Atlantic States by county, 2007. Area of timberland is based on U.S. Forest Service Forest Inventory and Analysis data for 2007. The map shows active pulp and composite products mills. See Table 21 for pulpwood mills in the Mid-Atlantic States.

NEW ENGLAND STATES

Production

- There were 4.4 million cords of pulpwood produced in the New England States in 2007. Eighty-four percent of the pulpwood produced came from roundwood and 16 percent came from mill residues from other primary wood processors in the New England States (Table 22).

- Soft maple and hard maple, collectively, accounted for 28 percent of the total volume harvested for pulpwood in the New England States in 2007, with 598,000 cords and 438,000 cords, respectively. Other important species harvested for pulpwood in 2006 were aspen/balsam poplar (512,000 cords), spruce (426,000 cords), and hemlock (409,000 cords) (Fig. 13 and Table 23).

- Eighty-four percent (3.7 million cords) of the pulpwood produced in the New England States came from Maine. New Hampshire produced 10 percent of the pulpwood, Vermont produced 5 percent, and Connecticut and Massachusetts collectively produced 1 percent (Fig. 14). There was no pulpwood production reported for Rhode Island in 2007.

- In 2007, 96 percent (4.2 million cords) of the pulpwood produced in the New England States went to pulp mills. The remaining 196,000 cords went to composite products mills (Table 24).

- From 2006 to 2007, the production of pulpwood for pulp products increased by 5 percent for pulp products and by 18 percent for composite products (Fig. 15 and Table 25).

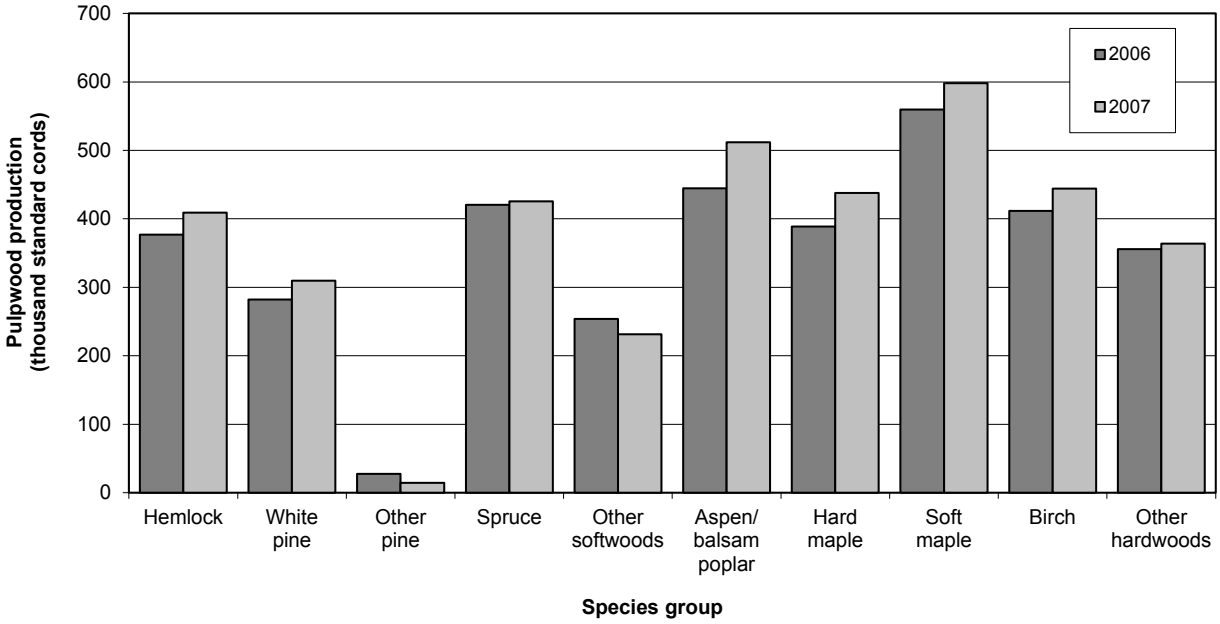

Figure 13.—Pulpwood production in the New England States by species group, 2006 and 2007.

Receipts

- In 2007, 10 wood pulp and 2 composite products mills in the New England States acquired 4.6 million cords of pulpwood, an increase of 1 percent from the year before. All of the remaining pulpwood mills in the New England States are in Maine.

- Eighty-six percent of the pulpwood produced in the New England States was processed by mills in Maine. All but a small fraction of the wood imported for pulpwood came from Canada. Less than 1 percent of the imported pulpwood came from the Mid-Atlantic States.

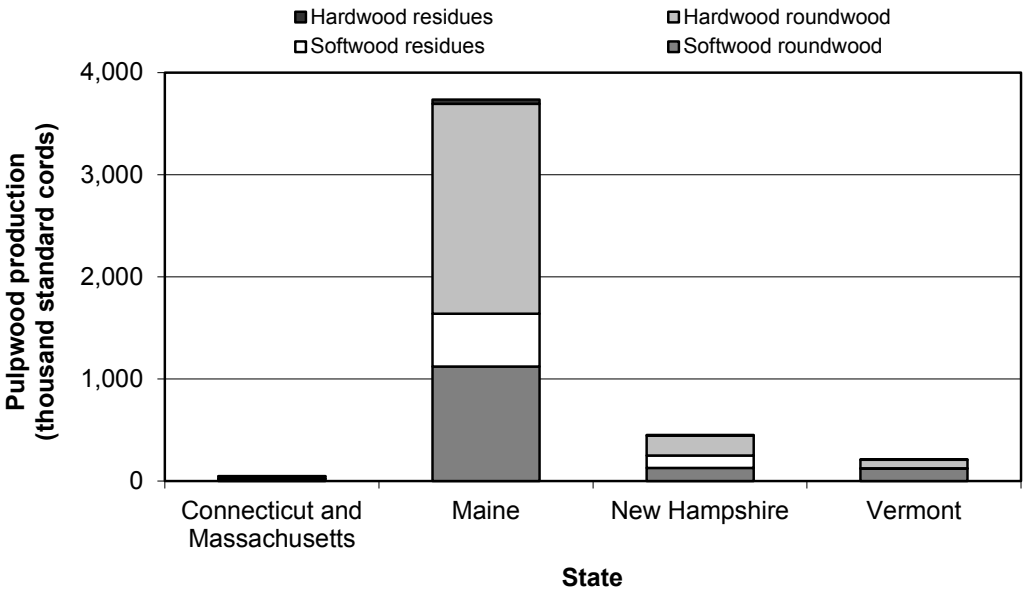

Figure 14.—Pulpwood production in the New England States by state, softwood and hardwood, and product form, 2007.

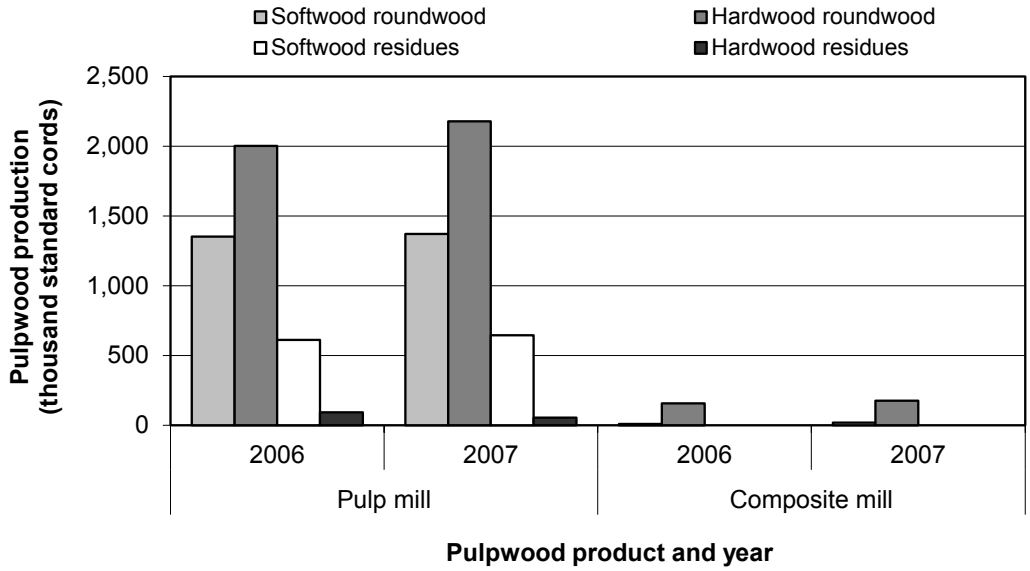

Figure 15.—Pulpwood production in the New England States by softwood and hardwood, product form, and mill type, 2006 and 2007.

Industry Trends and Analysis

- Pulpwood production in the New England States increased by 5 percent from 2006 to 2007. The pulpwood production from roundwood increased by 6 percent while pulpwood production from mill residues decreased by 1 percent.

- Roundwood was harvested for pulpwood in 58 of the 67 counties in the New England States (Tables 26, 27, and 28). More than 60 percent of the total harvest came from only five counties in Maine: Penobscot, Somerset, Aroostook, Oxford, and Piscataquis.

- An average of 121 cords of pulpwood was harvested per thousand acres of timberland from the 58 counties in the New England States that harvested pulpwood in 2007. Eight counties harvested more than 150 cords of pulpwood per thousand acres of timberland (Fig. 16).

- The Fraser Paper mill in Berlin, NH, closed in 2006, and the Georgia-Pacific mill at Old Town, ME, which was shut down in 2006, was purchased and re-opened by Red Shield in 2007.

- A small decrease in pulpwood production is expected in 2008 as pulp product and composite product markets continue to decline.

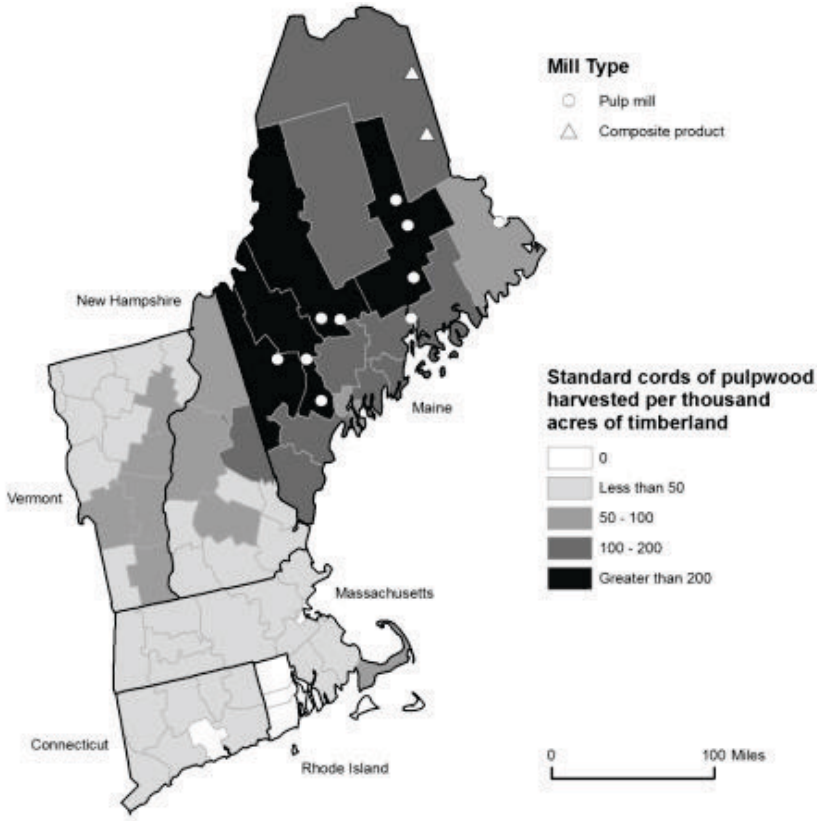

Figure 16.—Standard cords of pulpwood harvested per thousand acres of timberland in the New England States by county, 2007. Area of timberland is based on U. S. Forest Service Forest Inventory and Analysis data for 2007. The map shows active pulp and composite products mills. See Table 29 for pulpwood mills in the New England States.

PLAINS STATES

Because there is only one pulpwood mill in the Plains States, detailed production and receipts are not reported to avoid disclosure of individuals.

Production

- In 2007, the Plains States produced 62,000 cords of roundwood and mill residues for pulpwood, a decrease of 26 percent from 2006 (Fig. 17).

- Residues accounted for 97 percent of the total pulpwood produced in the Plains States in 2007. The remaining 3 percent was aspen roundwood harvested for pulpwood.

- The only mill in the Plains States in 2007 was Merillat Corporation, LLC (particleboard), in Rapid City, SD, which had an annual production capacity of 95 million square feet, ¾-inch basis.

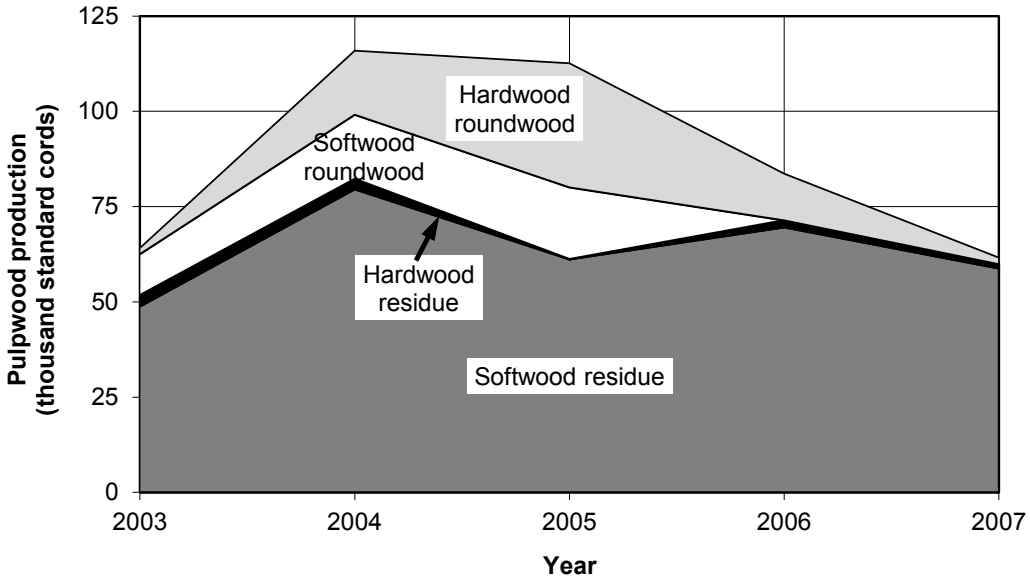

Figure 17.—Pulpwood production in the Plains States by softwood and hardwood, product form, 2003-2007.

APPENDIX 1: Definition of Terms

Composite products. Products manufactured from chips, wafers, strands, flakes, shaving, or sawdust and then reconstituted into a variety of panel and engineered lumber products. These products include engineered strand lumber, hardboard, medium density fiberboard, oriented strand board, and particleboard.

Consumption. The quantity of a commodity, such as pulpwood, utilized by a particular mill or group of mills. See Pulpwood receipts.

Cord. All references to cords are in standard cords. See Standard cord.

Exports. The volume of domestic roundwood utilized by mills outside a state or region where timber was cut or mill residues were produced.

Forest land. Land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover, and not currently developed for nonforest use. (Note: Stocking is measured by comparing specified standards with basal area and/or number of trees, age or size, and spacing.) The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width of at least 120 feet to qualify as forest land. Unimproved roads and trails, streams or other bodies of water, or clearings in forest areas shall be classed as forest if less than 120 feet wide.

Growing-stock removals. The growing-stock volume removed from the timberland inventory by harvesting roundwood products. (Note: Includes sawtimber removals, poletimber removals, and logging residues.)

Growing-stock tree. A live timberland tree of commercial species that meets specified standards of size, quality, and merchantability. (Note: Excludes rough, rotten, and dead trees.)

Growing-stock volume. Net volume of growing-stock trees 5.0 inches d.b.h. and over, from 1 foot above the ground to a minimum 4.0-inch top diameter outside bark of the central stem or to the point where the central stem breaks into limbs.

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

(a) **Hard hardwoods.** Hardwood species that have wood with an average specific gravity of greater than 0.50.
(b) Soft hardwoods. Hardwood species that have wood with an average specific gravity of 0.50 or less.

Harvest residues. The total net volume of unused portions of trees cut or killed by logging. (Note: Includes both logging residues and logging slash.)

Imports. The volume of domestic roundwood or mill residues delivered to a mill or group of mills in a specific state or region but harvested outside the state or region.

Primary wood processor. Mill receiving roundwood or chips from roundwood for processing into products such as lumber, veneer, pulp, etc.

Primary wood processing residue. Wood materials (coarse and fine) and bark generated at manufacturing plants that process roundwood into principal products. These residues include wood products (byproducts) obtained incidental to production of principal products and wood materials not utilized for some product.

(a) **Coarse mill residue.** Wood residue suitable for chipping such as slabs, edgings, and veneer cores.
(b) **Fine mill residue.** Wood residue not suitable for chipping such as sawdust and veneer clippings.

Product form. The type of wood material used in the production of pulpwood products. See Roundwood and Primary wood processing residue.

Pulpwood. Roundwood (includes roundwood that is chipped) and primary wood processing residues that will be reduced to individual wood fibers, fiber bundles, chips, or particles by chemical or mechanical means used to make a broad generic group of products that include pulp and composite products.

Pulpwood production. The volume of roundwood harvested, plus the wood residue volume produced by sawmills, veneer mills, etc. within a state or region and used for pulp, particleboard, waferboard, oriented strand board, medium density fiberboard, or engineered lumber, regardless of where it is consumed.

Pulpwood receipts. The quantity or volume of roundwood and primary wood processing residues received at a mill or by a group of mills in a state or region, regardless of geographic source. Volume of roundwood receipts is equal to the volume of roundwood retained in a state or region plus roundwood imported from other states or regions.

Residue. See Primary wood processing residue.

Retained. Roundwood and primary wood processing residue volume harvested from and processed by mills within the same state or region.

Roundwood. Any primary use of a tree (includes trees harvested and chipped) for use as industrial products such as saw logs, pulpwood, or veneer logs, intended to be processed into primary wood products such as lumber, wood pulp, or sheathing, at primary wood processor.

Roundwood production. The total volume of known roundwood harvested within a state or region, regardless of where it is consumed. Roundwood production is the sum of timber harvested and used within a state or region and all roundwood exported to other states or regions.

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

Standard cord. A unit of measure applied to roundwood, usually bolts or split wood. It is a stack of wood 4 feet high, 4 feet wide, and 8 feet long encompassing 128 cubic feet of wood, bark, and air space. The Northern Region estimates 79 cubic feet of wood per cord for pulpwood in the Central States, Lake States, and Plains States, and 85 cubic feet of wood per cord for pulpwood in the Mid-Atlantic States and New England States.

Timber product output. The volume of roundwood products produced from an area's forests plus the volume of byproduct recovered from mill residues.

Timberland. Forest land that is producing, or is capable of producing, in excess of 20 cubic feet per acre per year of roundwood products under natural conditions, is not withdrawn from timber utilization by statute or administrative regulation, and is not associated with urban or rural development.

Tree. A woody plant usually having one or more perennial stems, a more or less definitely formed crown of foliage, and a height of at least 12 feet at maturity.

APPENDIX 2: Common and Scientific Names of Tree Species Within Species Groups Mentioned in this Report

Softwoods

Cedars	
Atlantic white-cedar	*Chamaecyparis thyoides*
Rocky Mountain juniper	*Juniperus scopulorum*
Eastern redcedar	*Juniperus virginiana*
Northern white-cedar	*Thuja occidentalis*
Balsam fir	*Abies balsamea*
Eastern hemlock	*Tsuga canadensis*
Tamarack	*Larix laricina*
Jack pine	*Pinus banksiana*
Shortleaf pine	*Pinus echinata*
Loblolly pine	*Pinus taeda*
Ponderosa pine	*Pinus ponderosa*
Red pine	*Pinus resinosa*
White pine	*Pinus strobus*
Other pines	
Table Mountain pine	*Pinus pungens*
Pitch pine	*Pinus rigida*
Pond pine	*Pinus serotina*
Scotch pine	*Pinus sylvestris*
Virginia pine	*Pinus virginiana*
Austrian pine	*Pinus nigra*
Spruce	
Norway spruce	*Picea abies*
White spruce	*Picea glauca*
Black spruce	*Picea mariana*
Blue spruce	*Picea pungens*
Red spruce	*Picea rubens*

Hardwoods

Ash	
White ash	*Fraxinus americana*
Black ash	*Fraxinus nigra*
Green ash	*Fraxinus pennsylvanica*
Pumpkin ash	*Fraxinus profunda*
Blue ash	*Fraxinus quadrangulata*
Aspen/balsam poplar	
Balsam poplar	*Populus balsamifera*
Bigtooth aspen	*Populus grandidentata*
Quaking aspen	*Populus tremuloides*
Basswood	
American basswood	*Tilia americana*
White basswood	*Tilia americana var. heterophylla*

APPENDIX 2: continued

American beech	*Fagus grandifolia*
Yellow birch	*Betula alleghaniensis*
White birch	*Betula papyrifera*
Other birches	
Sweet birch	*Betula lenta*
River birch	*Betula nigra*
Gray birch	*Betula populifolia*
Black cherry	*Prunus serotina*
Black walnut	*Juglans nigra*
Cottonwood	
Eastern cottonwood	*Populus deltoides*
Swamp cottonwood	*Populus heterophylla*
Elm	
Winged elm	*Ulmus alata*
American elm	*Ulmus americana*
Siberian elm	*Ulmus pumila*
Slippery elm	*Ulmus rubra*
Rock elm	*Ulmus thomasii*
Hickory	
Mockernut hickory	*Carya alba*
Water hickory	*Carya aquatica*
Bitternut hickory	*Carya cordiformis*
Pignut hickory	*Carya glabra*
Pecan	*Carya illinoinensis*
Shellbark hickory	*Carya laciniosa*
Shagbark hickory	*Carya ovata*
Black hickory	*Carya texana*
Hard maples	
Black maple	*Acer nigrum*
Norway maple	*Acer platanoides*
Sugar maple	*Acer saccharum*
Soft maples	
Boxelder	*Acer negundo*
Red maple	*Acer rubrum*
Silver maple	*Acer saccharinum*
Red oak group	
Scarlet oak	*Quercus coccinea*
Northern pin oak	*Quercus ellipsoidalis*
Southern red oak	*Quercus falcata*
Shingle oak	*Quercus imbricaria*
Blackjack oak	*Quercus marilandica*
Water oak	*Quercus nigra*
Cherrybark oak	*Quercus pagoda*
Pin oak	*Quercus palustris*

APPENDIX 2: continued

Willow oak	*Quercus phellos*
Northern red oak	*Quercus rubra*
Shumard oak	*Quercus shumardii*
Black oak	*Quercus velutina*
White oak group	
White oak	*Quercus alba*
Swamp white oak	*Quercus bicolor*
Overcup oak	*Quercus lyrata*
Bur oak	*Quercus macrocarpa*
Swamp chestnut oak	*Quercus michauxii*
Chinkapin oak	*Quercus muehlenbergii*
Chestnut oak	*Quercus prinus*
Post oak	*Quercus stellata*
Sweetgum	Liquidambar styraciflua
American sycamore	*Platanus occidentalis*
Tupelo/gum	
Water tupelo	*Nyssa aquatica*
Swamp tupelo	*Nyssa biflora*
Blackgum	*Nyssa sylvatica*
Yellow-poplar	*Liriodendron tulipifera*
Other hardwoods	
Ohio buckeye	*Aesculus glabra*
Northern catalpa	*Catalpa speciosa*
Sugarberry	*Celtis laevigata*
Hackberry	*Celtis occidentalis*
Flowering dogwood	*Cornus florida*
Common persimmon	*Diospyros virginiana*
Waterlocust	*Gleditsia aquatica*
Honeylocust	*Gleditsia triacanthos*
Kentucky coffeetree	*Gymnocladus dioicus*
American holly	*Ilex opaca*
Butternut	*Juglans cinerea*
Cucumbertree	*Magnolia acuminata*
White mulberry	*Morus alba*
Red mulberry	*Morus rubra*
Paulownia or empress-tree	*Paulownia tomentosa*
Pin cherry	*Prunus pensylvanica*
Chokecherry	*Prunus virginiana*
Black locust	*Robinia pseudoacacia*
White willow	*Salix alba*
Black willow	*Salix nigra*
Weeping willow	*Salix sepulcralis*
Sassafras	*Sassafras albidum*

APPENDIX 3: Conversion Factors Used in the Northern Region

Standard cords of roundwood per green ton: (green tons X factor = standard cords)

Species	Factor
Softwoods	0.4688
Northern white-cedar	.6329
Balsam fir	.4688
Hemlock	.4150
Jack pine	.4688
Red pine	.4688
White pine	.4777
Shortleaf pine	.3956
Spruce	.5014
Tamarack	.4291
Hardwoods	.3939
Soft hardwoods	.4171
Hard hardwoods	.3708
Ash	.4330
Aspen	.4291
Balsam poplar	.4083
Basswood	.5167
Beech	.3956

Species	Factor
White birch	0.4018
Yellow birch	.3723
River birch	.3871
Sweetgum	.3669
Yellow-poplar	.4219
Blackgum	.3779
Sycamore	.4083
Cottonwood	.4291
Elm	.4018
Hickory	.3701
Hard maple	.3617
Soft maple	.4083
Black cherry	.4688
Red oak	.3444
White oak	.3723
Black oak	.3444
Other hardwoods	.4777

TABLE TITLES

Table 1.—Pulpwood production and imports, in standard cords, unpeeled, Central States, 2007

Table 2.—Pulpwood production, in standard cords, unpeeled, by product form and species group, Central States, 2003-2007

Table 3.—Average production of active wood-pulp mills by company, location, and type of pulp produced, Central States, 2007

Table 4.—Pulpwood production and imports, in standard cords, unpeeled, Lake States, 2007

Table 5.—Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, Lake States, 2003-2007

Table 6.—Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, Lake States, 2007

Table 7.—Pulpwood production, in standard cords, unpeeled, by mill type, product form, species group, and percent change, Lake States, 2006 and 2007

Table 8.—Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Michigan, 2007

Table 9.—Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Minnesota, 2007

Table 10.—Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Wisconsin, 2007

Table 11.—Average production of active wood-pulp and composite product mills by company, location, and type of product produced, Lake States, 2007

Table 12.—Pulpwood production and imports, in standard cords, unpeeled, Mid-Atlantic States, 2007

Table 13.—Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, Mid-Atlantic States, 2005-2007

Table 14.—Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, Mid-Atlantic States, 2007

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Table 16.—Pulpwood production from roundwood, in standard cords, unpeeled, by state, Forest Inventory Unit, county, and species group, Delaware, Maryland, and New Jersey, 2007

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Table 20.—Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, West Virginia, 2007

Table 21—Average production of active wood-pulp and composite product mills by company, location, and type of product produced, Mid-Atlantic States, 2007

Table 22.—Pulpwood production and imports, in standard cords, unpeeled, New England States, 2007

Table 23.—Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, New England States, 2005-2007

Table 24.—Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, New England States, 2007

Table 25.—Pulpwood production, in standard cords, unpeeled, by mill type, product form, species group, and percent change, New England States, 2006 and 2007

Table 26.—Pulpwood production from roundwood, in standard cords, unpeeled, by state, county, and species group, Connecticut and Massachusetts, 2007

Table 27.—Pulpwood production from roundwood, in standard cords, unpeeled, by county and species group, Maine, 2007

Table 28.—Pulpwood production from roundwood, in standard cords, unpeeled, by state, Forest Inventory Unit, county, and species group, New Hampshire and Vermont, 2007

Table 29.—Average production of active wood-pulp and composite product mills by company, location, and type of product produced, New England States, 2007

Table 30.—Other mills using Northern Region pulpwood in 2007 by company, location, and type of product produced

TABLES

Table 1.--Pulpwood production and imports, in standard cords, unpeeled, Central States, 2007

Product form, species group, and destination	Production by state[a]				Regional Total	Imports	Total receipts
	Illinois	Indiana	Iowa	Missouri		Lake States	
Roundwood							
Softwood							
Mid-Atlantic States	14	4,057	--	--	4,071	--	--
Southern States	2,714	--	--	24	2,738	--	--
Total	2,728	4,057	--	24	6,809	--	--
Soft hardwood							
Central States	788	4,005	--	762	5,556	--	5,556
Lake States	5	--	--	--	5	--	--
Southern States	4,976	16,436	--	3,998	25,410	--	--
Total	5,769	20,441	--	4,760	30,970	--	5,556
Hard hardwood							
Central States	1,147	5,827	--	407	7,381	--	7,381
Lake States	5	--	--	--	5	--	--
Southern States	9,049	12,552	--	35,415	57,016	--	--
Total	10,200	18,379	--	35,822	64,402	--	7,381
Total all roundwood							
Central States	1,935	9,833	--	1,169	12,937	--	12,937
Lake States	10	--	--	--	10	--	--
Mid-Atlantic States	14	4,057	--	--	4,071	--	--
Southern States	16,739	28,988	--	39,437	85,163	--	--
Total	18,697	42,878	--	40,606	102,181	--	12,937
Residues							
Softwood							
Central States	--	--	6,400	--	6,400	11,200	17,600
Lake States	--	--	13	--	13	--	--
Southern States	--	--	--	1,027	1,027	--	--
Total	--	--	6,413	1,027	7,440	11,200	17,600

Hardwood							
Central States	--	25,177	520	4,682	30,379	3,200	33,579
Lake States	60	--	4,651	--	4,711	--	--
Southern States	9,280	79,552	--	133,085	221,917	--	--
Total	9,340	104,729	5,171	137,767	257,007	3,200	33,579
Total all residues							
Central States	--	25,177	6,920	4,682	36,779	14,400	51,179
Lake States	60	--	4,664	--	4,724	--	--
Southern States	9,280	79,552	--	134,112	222,944	--	--
Total	9,340	104,729	11,584	138,794	264,447	14,400	51,179
Total all wood material							
Central States	1,935	35,009	6,920	5,851	49,716	14,400	64,116
Lake States	70	--	4,664	--	4,734	--	--
Mid-Atlantic States	14	4,057	--	--	4,071	--	--
Southern States	26,018	108,540	--	173,549	308,108	--	--
Total	28,037	147,607	11,584	179,400	366,629	14,400	64,116

[a] Vertical columns of figures under the box heading "Production by State" present the amount of roundwood cut or residue generated in each state

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 2.--Pulpwood production, in standard cords, unpeeled, by product form and species group, Central States, 2003-2007

Product form and species group	Year				
	2003	2004	2005	2006	2007
Roundwood					
Softwood	5,485	3,854	6,076	5,684	6,809
Soft hardwood	31,260	30,017	22,712	17,692	30,970
Hard hardwood	113,635	132,280	105,937	55,057	64,402
Total	150,380	166,151	134,724	78,433	102,181
Residues					
Softwood	1,860	1,071	39,713	7,371	7,440
Hardwood	310,161	316,767	328,968	312,110	257,007
Total	312,021	317,838	368,681	319,481	264,447
Total all wood material	462,400	483,989	503,405	397,914	366,629

Columns may not add to their totals due to rounding.

Table 3.--Average production of active wood-pulp mills by company, location, and type of pulp produced, Central States, 2007

Product and company	Location	Product produced	Average production
Pulp mills			
International Paper Co.	Terre Haute, Indiana	Groundwood/mechanical pulp	100 tons of pulp per day
Huebert Fiberboard, Inc.	Boonville, Missouri	Groundwood/mechanical pulp	80 tons of pulp per day
Composite product mills			
Jeld-Wen Wood Fiber Division	Dubuque, Iowa	Medium density fiberboard	80 tons of pulp per day

Table 4.--Pulpwood production and imports, in standard cords, unpeeled, Lake States, 2007

Product form, species group, and destination	Production by state[a]			Regional Total	Imports				Total receipts
	Michigan	Minnesota	Wisconsin		Central States	Plains States	Canada	Total imports	
Softwood roundwood									
Northern white-cedar									
Michigan	1,022	--	9	1,030	--	--	--	--	1,030
Minnesota	--	1,731	21	1,752	--	--	--	--	1,752
Wisconsin	407	--	322	729	--	--	--	--	729
Total	1,428	1,731	352	3,512	--	--	--	--	3,512
Balsam fir									
Michigan	40,493	--	3,298	43,791	--	--	--	--	43,791
Minnesota	--	154,748	19,139	173,887	--	--	494	494	174,381
Wisconsin	4,779	--	41,863	46,642	--	--	--	--	46,642
Canada	4,398	31	--	4,429	--	--	--	--	--
Total	49,670	154,779	64,300	268,749	--	--	494	494	264,814
Hemlock									
Michigan	45,411	--	1,093	46,504	--	--	--	--	46,504
Minnesota	--	--	85	85	--	--	--	--	85
Wisconsin	4,170	--	14,613	18,783	--	--	--	--	18,783
Total	49,581	--	15,791	65,372	--	--	--	--	65,372
Jack pine									
Michigan	67,376	--	3,861	71,237	--	--	--	--	71,237
Minnesota	3	54,006	4,846	58,855	--	--	2,116	2,116	60,971
Wisconsin	5,226	--	67,300	72,526	--	--	--	--	72,526
Total	72,605	54,006	76,007	202,618	--	--	2,116	2,116	204,734
Red pine									
Michigan	39,626	--	2,125	41,751	--	--	--	--	41,751
Minnesota	3	31,120	1,885	33,008	--	--	1,578	1,578	34,586
Wisconsin	3,239	155	160,953	164,346	--	--	--	--	164,346
Canada	--	3	--	3	--	--	--	--	--
Total	42,867	31,278	164,963	239,108	--	--	1,578	1,578	240,683
White pine									
Michigan	13,007	--	2,613	15,620	--	--	--	--	15,620
Minnesota	--	2,568	--	2,568	--	--	49	49	2,617
Wisconsin	3,596	112	75,280	78,988	--	--	--	--	78,988
Total	16,604	2,680	77,893	97,176	--	--	49	49	97,225
Other pine									
Minnesota	--	5,773	1,352	7,125	--	--	8	8	7,133
Wisconsin	334	--	684	1,018	--	--	--	--	1,018
Mid-Atlantic State	147	--	--	147	--	--	--	--	--
Total	481	5,773	2,036	8,290	--	--	8	8	8,150
Spruce									
Michigan	21,600	--	1,689	23,289	--	--	79	79	23,367
Minnesota	--	166,419	1,426	167,844	--	--	1,213	1,213	169,058
Wisconsin	23,068	22,822	79,025	124,915	--	--	2,600	2,600	127,515
Canada	6,598	1,661	--	8,259	--	--	--	--	--
Total	51,266	190,901	82,140	324,307	--	--	3,892	3,892	319,940

Tamarack									
Michigan	6,249	--	664	6,913	--	--	--	--	6,913
Minnesota	1	32,853	19	32,874	--	--	710	710	33,584
Wisconsin	987	--	5,168	6,155	--	--	--	--	6,155
Canada	--	1,212	--	1,212	--	--	--	--	--
Total	7,237	34,065	5,851	47,154	--	--	710	710	46,652
Total softwood roundwood									
Michigan	234,784	--	15,351	250,135	--	--	79	79	250,214
Minnesota	7	449,218	28,773	477,999	--	--	6,168	6,168	484,167
Wisconsin	45,806	23,089	445,207	514,102	--	--	2,600	2,600	516,702
Mid-Atlantic State	147	--	--	147	--	--	--	--	--
Canada	10,996	2,906	--	13,902	--	--	--	--	--
Total	291,741	475,213	489,332	1,256,285	--	--	8,847	8,847	1,251,083
Softwood residues									
Michigan	150,589	--	1,121	151,710	--	--	--	--	151,710
Minnesota	--	87,335	1,471	88,807	--	--	--	--	88,807
Wisconsin	74,291	12	92,334	166,638	13	--	6,765	6,778	173,417
Central States	--	1,600	9,600	11,200	--	--	--	--	--
Canada	21,270	22,804	--	44,075	--	--	--	--	--
Total	246,151	111,752	104,527	462,430	13	--	6,765	6,778	413,933
Total softwood material									
Michigan	385,373	--	16,472	401,845	--	--	79	79	401,924
Minnesota	7	536,554	30,244	566,806	--	--	6,168	6,168	572,974
Wisconsin	120,098	23,101	537,542	680,740	13	--	9,365	9,379	690,119
Central States	--	1,600	9,600	11,200	--	--	--	--	--
Other States	147	--	--	147	--	--	--	--	--
Canada	32,266	25,711	--	57,977	--	--	--	--	--
Total	537,892	586,965	593,858	1,718,715	13	--	15,612	15,625	1,665,016

(Table 4 continued on next page)

(Table 4 continued)

Product form, species group, and destination	Production by state[a]			Regional Total	Imports				Total receipts
	Michigan	Minnesota	Wisconsin		Central States	Plains States	Canada	Total imports	
Hardwood roundwood									
Ash									
Michigan	31,224	--	15,240	46,464	--	--	2,186	2,186	48,650
Minnesota	--	8,867	546	9,413	--	--	555	555	9,968
Wisconsin	8,984	--	74,122	83,105	--	--	1,015	1,015	84,120
Total	40,207	8,867	89,907	138,982	--	--	3,756	3,756	142,738
Aspen/balsam poplar									
Michigan	683,791	--	57,090	740,881	--	--	10,729	10,729	751,610
Minnesota	30	1,374,702	55,429	1,430,162	--	1,707	60,970	62,676	1,492,838
Wisconsin	28,474	20,233	595,436	644,143	--	--	--	--	644,143
Canada	940	30	--	970	--	--	--	--	--
Total	713,235	1,394,965	707,955	2,816,155	--	1,707	71,699	73,405	2,888,591
Basswood									
Michigan	64,296	--	41,965	106,262	--	--	3,202	3,202	109,464
Minnesota	--	8,640	990	9,630	--	--	128	128	9,758
Wisconsin	5,772	1,041	68,206	75,020	2	--	635	637	75,657
Total	70,069	9,681	111,161	190,911	2	--	3,965	3,967	194,879
Beech									
Michigan	79,918	--	561	80,480	--	--	1,450	1,450	81,930
Wisconsin	4	--	1,996	2,000	--	--	--	--	2,000
Total	79,922	--	2,557	82,480	--	--	1,450	1,450	83,930
White birch									
Michigan	70,309	--	11,687	81,996	--	--	2,353	2,353	84,348
Minnesota	4	125,061	6,626	131,692	--	--	2,605	2,605	134,297
Wisconsin	58,296	41,804	228,991	329,091	--	--	3,554	3,554	332,645
Canada	--	4	--	4	--	--	--	--	--
Total	128,609	166,870	247,304	542,783	--	--	8,512	8,512	551,290
Yellow birch									
Michigan	41,276	--	5,416	46,692	--	--	1,941	1,941	48,633
Minnesota	--	1,139	--	1,139	--	--	167	167	1,305
Wisconsin	6,856	--	22,238	29,094	--	--	508	508	29,602
Total	48,132	1,139	27,654	76,925	--	--	2,615	2,615	79,540
Other birch									
Wisconsin	--	--	7	7	--	--	--	--	7
Total	--	--	7	7	--	--	--	--	7
Black cherry									
Michigan	3,846	--	8	3,854	--	--	43	43	3,897
Wisconsin	2	--	559	561	--	--	--	--	561
Total	3,848	--	567	4,415	--	--	43	43	4,458
Black walnut									
Wisconsin	--	--	247	247	--	--	--	--	247
Total	--	--	247	247	--	--	--	--	247

Cottonwood									
Minnesota	--	6,828	--	6,828	--	--	35	35	6,863
Wisconsin	--	--	245	245	--	--	--	--	245
Total	--	6,828	245	7,073	--	--	35	35	7,108
Elm									
Wisconsin	2,983	--	19,059	22,042	--	--	380	380	22,422
Total	2,983	--	19,059	22,042	--	--	380	380	22,422
Hickory									
Wisconsin	--	--	442	442	--	--	--	--	442
Total	--	--	442	442	--	--	--	--	442
Hard maple									
Michigan	321,195	--	61,048	382,244	--	--	12,769	12,769	395,013
Minnesota	--	20,377	14,006	34,383	--	--	282	282	34,665
Wisconsin	51,159	10,625	242,380	304,164	--	--	3,807	3,807	307,971
Total	372,355	31,002	317,435	720,791	--	--	16,858	16,858	737,650
Soft maple									
Michigan	287,737	--	32,410	320,147	--	--	8,329	8,329	328,476
Minnesota	316	77,236	43,921	121,472	--	--	314	314	121,786
Wisconsin	52,464	--	236,012	288,477	3	--	2,792	2,795	291,271
Total	340,517	77,236	312,344	730,096	3	--	11,434	11,437	741,533
Red oak									
Michigan	56,159	--	15,627	71,786	--	--	1,709	1,709	73,495
Minnesota	--	93	--	93	--	--	--	--	93
Wisconsin	942	170	217,990	219,101	1	--	253	254	219,355
Total	57,100	263	233,617	290,980	1	--	1,962	1,963	292,943
White oak									
Michigan	7,987	--	920	8,907	--	--	83	83	8,990
Minnesota	--	37	--	37	--	--	--	--	37
Wisconsin	--	110	48,444	48,555	4	--	--	4	48,558
Total	7,987	147	49,364	57,499	4	--	83	86	57,585
Other hardwoods									
Michigan	1,886	--	59	1,945	--	--	--	--	1,945
Minnesota	--	--	--	0	--	--	664	664	664
Wisconsin	--	--	708	708	--	--	--	--	708
Total	1,886	--	768	2,653	--	--	664	664	3,317

(Table 4 continued on next page)

(Table 4 continued)

Product form, species group, and destination	Production by state[a]			Regional Total	Imports				Total receipts
	Michigan	Minnesota	Wisconsin		Central States	Plains States	Canada	Total imports	
Total hardwood roundwood									
Michigan	1,649,624	--	242,033	1,891,657	--	--	44,793	44,793	1,936,450
Minnesota	350	1,622,980	121,518	1,744,849	--	1,707	65,719	67,426	1,812,275
Wisconsin	215,936	73,983	1,757,082	2,047,001	10	--	12,944	12,954	2,059,955
Canada	940	34	--	974	--	--	--	--	--
Total	1,866,850	1,696,997	2,120,633	5,684,481	10	1,707	123,456	125,172	5,808,679
Hardwood residues									
Michigan	128,490	--	19,732	148,222	--	--	--	--	148,222
Minnesota	--	34,170	2,188	36,358	--	--	--	--	36,358
Wisconsin	2,618	2,926	191,787	197,331	4,711	--	--	4,711	202,042
Central States	--	--	3,200	3,200	--	--	--	--	--
Canada	9,852	--	--	9,852	--	--	--	--	--
Total	140,959	37,096	216,907	394,962	4,711	--	--	4,711	386,621
Total hardwood material									
Michigan	1,778,113	--	261,765	2,039,879	--	--	44,793	44,793	2,084,671
Minnesota	350	1,657,151	123,706	1,781,207	--	1,707	65,719	67,426	1,848,632
Wisconsin	218,554	76,909	1,948,869	2,244,332	4,721	--	12,944	17,665	2,261,997
Central States	--	--	3,200	3,200	--	--	--	--	--
Canada	10,792	34	--	10,826	--	--	--	--	--
Total	2,007,810	1,734,093	2,337,540	6,079,443	4,721	1,707	123,456	129,883	6,195,300
Total all roundwood									
Michigan	1,884,408	--	257,384	2,141,792	--	--	44,872	44,872	2,186,663
Minnesota	357	2,072,199	150,292	2,222,848	--	1,707	71,887	73,594	2,296,442
Wisconsin	261,743	97,071	2,202,289	2,561,103	10	--	15,544	15,554	2,576,657
Mid-Atlantic State	147	--	--	147	--	--	--	--	--
Canada	11,936	2,940	--	14,876	--	--	--	--	--
Total	2,158,591	2,172,210	2,609,965	6,940,766	10	1,707	132,303	134,019	7,059,762
Total all residues									
Michigan	279,079	--	20,853	299,932	--	--	--	--	299,932
Minnesota	--	121,506	3,659	125,164	--	--	--	--	125,164
Wisconsin	76,909	2,938	284,121	363,969	4,724	--	6,765	11,490	375,458
Central States	--	1,600	12,800	14,400	--	--	--	--	--
Canada	31,122	22,804	--	53,927	--	--	--	--	--
Total	387,110	148,848	321,433	857,392	4,724	--	6,765	11,490	800,555
Total all wood material									
Michigan	2,163,486	--	278,237	2,441,724	--	--	44,872	44,872	2,486,595
Minnesota	357	2,193,704	153,950	2,348,012	--	1,707	71,887	73,594	2,421,606
Wisconsin	338,652	100,010	2,486,411	2,925,072	4,734	--	22,309	27,043	2,952,115
Central States	--	1,600	12,800	14,400	--	--	--	--	--
Mid-Atlantic State	147	--	--	147	--	--	--	--	--
Canada	43,058	25,745	--	68,803	--	--	--	--	--
Total	2,545,701	2,321,058	2,931,398	7,798,158	4,734	1,707	139,068	145,509	7,860,316

[a] Vertical columns of figures under the box heading "Production by State" present the amount of roundwood cut or residue generated in each state

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 5.--Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, Lake States, 2003-2007

	All species					Pine					Spruce				
State	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
Michigan	2,497	2,658	2,557	2,161	2,159	198	264	285	132	133	49	74	64	49	51
Minnesota	2,830	2,876	3,023	2,470	2,172	128	205	200	147	94	218	165	184	195	191
Wisconsin	3,174	3,302	3,311	2,879	2,610	524	445	500	293	321	65	58	63	90	82
Total Lake States	8,501	8,836	8,890	7,510	6,941	850	914	985	573	547	332	297	311	334	324

	Balsam fir					Other softwoods					Aspen/balsam poplar				
State	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
Michigan	66	79	65	58	50	91	87	72	68	58	906	894	872	559	713
Minnesota	168	167	191	160	155	59	40	62	34	36	1,915	1,914	1,926	1,599	1,395
Wisconsin	71	78	101	69	64	46	46	51	31	22	991	984	943	815	708
Total Lake States	306	324	357	288	269	196	173	185	133	116	3,812	3,791	3,741	2,973	2,816

	Birch					Maple					Other hardwoods				
State	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007	2003	2004	2005	2006	2007
Michigan	144	148	123	118	177	794	837	828	811	713	248	275	248	365	264
Minnesota	219	240	258	182	168	93	99	107	124	108	30	47	94	28	26
Wisconsin	264	316	316	241	275	826	884	910	841	630	388	492	427	498	508
Total Lake States	626	704	697	541	620	1,713	1,820	1,845	1,776	1,451	666	813	769	891	798

Table columns may not add due to rounding.

Table 6.--Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, Lake States, 2007

Product form and species group	State of origin for pulp mills				State of origin for composite mills			
	All States	Michigan	Minnesota	Wisconsin	All States	Michigan	Minnesota	Wisconsin
Softwood roundwood								
Northern white-cedar	3,512	1,428	1,731	352	--	--	--	--
Balsam fir	247,307	39,604	149,342	58,361	21,442	10,067	5,437	5,939
Hemlock	65,372	49,581	--	15,791	--	--	--	--
Jack pine	140,419	42,274	27,720	70,425	62,199	30,331	26,286	5,582
Red pine	200,421	30,980	9,061	160,380	38,687	11,887	22,217	4,583
White pine	86,229	12,490	173	73,567	10,947	4,114	2,507	4,326
Other pine	8,187	481	5,670	2,036	103	--	103	--
Spruce	313,377	43,664	189,439	80,274	10,930	7,602	1,462	1,865
Tamarack	35,009	5,255	24,533	5,221	12,145	1,982	9,532	631
Total softwood roundwood	1,099,833	225,758	407,670	466,406	156,452	65,983	67,544	22,925
Hardwood roundwood								
Ash	133,377	38,279	5,191	89,906	5,605	1,928	3,676	1
Aspen/balsam poplar	1,426,094	276,446	773,810	375,838	1,390,061	436,789	621,155	332,117
Basswood	124,380	38,210	3,335	82,835	66,531	31,859	6,346	28,326
Beech	80,552	77,994	--	2,557	1,928	1,928	--	--
White birch	468,446	122,259	103,586	242,602	74,336	6,350	63,284	4,702
Yellow birch	76,802	48,091	1,070	27,641	123	41	69	13
Other birch	7	--	--	--	--	--	--	--
Black cherry	4,415	3,848	--	567	--	--	--	--
Black walnut	247	--	--	247	--	--	--	--
Cottonwood	6,134	--	5,889	245	939	--	939	--
Elm	22,042	2,983	--	19,059	--	--	--	--
Hickory	442	--	--	442	--	--	--	--
Hard maple	670,633	346,150	10,773	313,709	50,159	26,204	20,229	3,726
Soft maple	629,159	253,113	65,368	310,678	100,937	87,404	11,867	1,665
Red oak group	290,980	57,100	263	233,617	--	--	--	--
White oak group	57,499	7,987	147	49,364	--	--	--	--
Other hardwoods	2,513	1,782	--	730	140	103	--	37
Total hardwood roundwood	3,993,720	1,274,244	969,431	1,750,045	1,690,760	592,606	727,566	370,589
Total Roundwood	5,093,554	1,500,002	1,377,101	2,216,451	1,847,212	658,589	795,109	393,514
Residues								
Softwood	424,539	224,881	110,088	89,570	37,890	21,270	1,663	14,957
Hardwood	314,923	123,589	35,512	155,821	80,040	17,370	1,584	61,086
Total residues	739,462	348,470	145,601	245,391	117,930	38,640	3,247	76,042
State total	5,833,016	1,848,472	1,522,702	2,461,842	1,965,142	697,229	798,357	469,556

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 7.--Pulpwood production, in standard cords, unpeeled, by mill type, product form, species group, and percent change, Lake States, 2006 and 2007

Product form and species group	Pulp mills 2006	Pulp mills 2007	Pulp mills Percent change	Composite mills 2006	Composite mills 2007	Composite mills Percent change
Softwood roundwood						
Northern white-cedar	1,320	3,512	166%	--	--	--
Balsam fir	266,304	247,307	-7%	21,337	21,442	0%
Hemlock	73,159	65,372	-11%	--	--	--
Jack pine	166,457	140,419	-16%	108,368	62,199	-43%
Red pine	189,969	200,421	6%	40,584	38,687	-5%
White pine	63,277	86,229	36%	3,133	10,947	249%
Other pine	21	8,187	38114%	838	103	-88%
Spruce	329,614	313,377	-5%	4,528	10,930	141%
Tamarack	35,182	35,009	0%	23,552	12,145	-48%
Total softwood roundwood	1,125,303	1,099,833	-2%	202,339	156,452	-23%
Hardwood roundwood						
Ash	124,246	133,377	7%	10,614	5,605	-47%
Aspen/balsam poplar	1,389,113	1,426,094	3%	1,584,109	1,390,061	-12%
Basswood	73,966	124,380	68%	65,775	66,531	1%
Beech	100,937	80,552	-20%	2,523	1,928	-24%
White birch	387,474	468,446	21%	91,395	74,336	-19%
Yellow birch	62,437	76,802	23%	83	123	47%
Other birch	--	7	--	--	--	--
Black cherry	781	4,415	5	--	--	--
Black walnut	--	247	--	--	--	--
Cottonwood	533	6,134	1051%	3	939	36383%
Elm	23,885	22,042	-8%	--	--	--
Hickory	773	442	-43%	--	--	--
Hard maple	835,346	670,633	-20%	124,621	50,159	-60%
Soft maple	758,074	629,159	-17%	58,185	100,937	73%
Red oak group	242,337	290,980	20%	104	--	--
White oak group	29,601	57,499	94%	--	--	--
Other hardwoods	19,801	2,513	-87%	195,259	140	-100%
Total hardwood roundwood	4,049,303	3,993,720	-1%	2,132,672	1,690,760	-21%
Total Roundwood	5,174,606	5,093,554	-2%	2,335,011	1,847,212	-21%
Residues						
Softwood	446,170	424,539	-5%	42,846	37,890	-12%
Hardwood	407,094	314,923	-23%	85,688	80,040	-7%
Total residues	853,264	739,462	-13%	128,534	117,930	-8%
State total	6,027,870	5,833,016	-3%	2,463,545	1,965,142	-20%

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 8.—Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Michigan, 2007

Forest Inventory Unit and county[a]	All species	Softwood									
		Northern white-cedar	Balsam fir	Hemlock	Jack pine	Red pine	White pine	Other pine	Spruce	Tama-rack	Total softwoods
Eastern Upper Peninsula											
Alger	76,001	78	2,830	3,606	2,167	1,943	715	--	1,548	329	13,218
Chippewa	73,764	26	2,944	2,081	2,301	1,510	225	--	3,748	108	12,943
Delta	98,650	102	3,593	2,617	3,294	2,969	1,412	--	2,969	487	17,443
Luce	139,678	42	2,990	3,827	8,668	3,186	3,462	334	5,430	605	28,544
Mackinac	73,887	28	1,632	595	3,003	1,638	249	--	862	193	8,200
Menominee	98,944	135	5,762	4,246	2,501	2,152	2,097	--	4,368	1,459	22,721
Schoolcraft	82,364	66	2,105	1,107	3,037	2,941	607	--	1,416	284	11,563
Total	643,288	478	21,855	18,079	24,970	16,341	8,767	334	20,341	3,466	114,632
Western Upper Peninsula											
Baraga	119,727	63	2,556	6,330	1,541	1,194	738	--	2,699	307	15,426
Dickinson	104,255	75	4,452	950	1,532	1,991	1,149	--	5,564	744	16,457
Gogebic	75,780	9	951	1,308	339	265	112	--	675	163	3,823
Houghton	85,354	20	1,297	3,796	1,181	2,480	336	--	814	98	10,022
Iron	139,057	114	7,460	2,058	4,123	4,093	1,754	--	10,437	808	30,848
Keweenaw	54,172	10	376	653	216	288	156	--	290	43	2,032
Marquette	229,810	425	8,337	11,980	11,142	4,609	3,088	--	7,630	1,449	48,659
Ontonagon	98,216	65	1,645	4,222	619	895	488	--	1,765	150	9,849
Total	906,372	782	27,073	31,297	20,694	15,815	7,821	--	29,873	3,764	137,117
Northern Lower Peninsula											
Alcona	24,052	--	227	--	767	61	--	--	341	--	1,396
Alpena	29,506	--	136	--	165	103	--	--	203	--	607
Antrim	12,667	--	--	--	91	214	--	--	--	--	305
Arenac	6,253	--	--	--	303	--	--	--	--	--	303
Bay	659	--	--	--	--	--	--	--	--	--	--
Benzie	20,065	--	66	--	2,371	1,107	--	--	99	--	3,643
Charlevoix	9,413	--	--	--	61	111	--	--	--	--	172
Cheboygan	37,959	--	--	--	1,105	466	--	--	--	--	1,571
Clare	31,339	--	--	--	910	384	--	--	--	--	1,294
Crawford	23,336	42	--	22	3,410	380	--	--	--	--	3,854
Emmet	15,838	--	--	--	254	251	--	--	--	--	505
Gladwin	26,705	--	--	--	470	123	--	--	--	--	594
Grand Traverse	7,282	--	--	--	1,208	205	--	--	--	--	1,413
Iosco	16,567	125	--	--	1,998	523	--	--	--	--	2,647
Isabella	9,854	--	--	--	135	165	--	--	--	--	299
Kalkaska	31,283	--	--	--	714	682	--	--	--	--	1,396
Lake	15,422	--	--	--	920	365	--	--	--	--	1,285
Leelanau	1,522	--	--	--	194	168	--	--	--	--	362
Manistee	19,711	--	--	--	148	415	--	--	--	--	563

Mason	19,550	--	--	--	161	280	--	--	--	--	441
Mecosta	20,999	--	--	88	252	232	--	--	--	--	573
Midland	7,117	--	--	--	43	186	--	--	--	--	228
Missaukee	25,986	--	--	--	1,944	641	--	--	--	--	2,585
Montmorency	27,593	--	--	--	966	466	--	--	--	--	1,432
Newaygo	10,334	--	--	--	941	239	--	--	--	--	1,180
Oceana	5,354	--	--	--	51	161	--	--	--	--	211
Ogemaw	16,985	--	--	--	537	120	--	--	--	--	657
Osceola	19,038	--	--	--	305	228	--	--	--	--	533
Oscoda	17,220	--	178	--	1,312	540	--	--	268	--	2,298
Otsego	36,782	--	5	2	687	558	1	--	2	1	1,256
Presque Isle	13,871	1	92	5	359	91	3	--	126	2	678
Roscommon	17,452	--	--	--	1,863	181	--	--	--	--	2,044
Wexford	19,872	--	--	--	1,240	755	--	--	--	--	1,995
Total	597,584	168	704	117	25,885	10,402	5	--	1,039	3	38,321
Southern Lower Peninsula											
Barry	496	--	--	--	122	216	--	--	--	--	338
Branch	147	--	--	--	--	--	--	147	--	--	147
Clinton	582	1	38	88	388	37	11	--	13	5	582
Gratiot	351	--	--	--	--	--	--	--	--	--	--
Huron	236	--	--	--	--	--	--	--	--	--	--
Kent	82	--	--	--	--	--	--	--	--	--	--
Montcalm	3,794	--	--	--	196	23	--	--	--	--	219
Muskegon	1,835	--	--	--	134	25	--	--	--	--	158
Sanilac	1,551	--	--	--	184	8	--	--	--	--	193
Tuscola	2,126	--	--	--	32	--	--	--	--	--	32
Washtenaw	148	--	--	--	--	--	--	--	--	--	--
Total	11,348	1	38	88	1,057	309	11	147	13	5	1,670
State total	2,158,591	1,428	49,670	49,581	72,605	42,867	16,604	481	51,266	7,237	291,741

(Table 8 continued on next page)

(Table 8 continued)

Forest Inventory Unit and county[a]	Hardwood													
	Ash	Aspen/ balsam poplar	Bass-wood	Beech	White birch	Yellow birch	Black walnut	Elm	Hard maple	Soft maple	Red oak group	White oak group	Other hard-woods	Total hardwoods
Eastern Upper Peninsula														
Alger	757	8,927	696	9,797	2,775	2,493	280	2	20,992	16,004	56	--	3	62,784
Chippewa	999	32,364	290	3,150	3,469	1,072	110	27	9,123	9,291	889	33	2	60,821
Delta	3,613	19,832	2,578	6,774	7,282	2,999	325	12	15,314	21,570	902	--	6	81,207
Luce	694	10,318	472	8,071	9,239	5,376	174	146	36,681	39,541	415	--	5	111,133
Mackinac	1,967	22,915	1,332	4,093	8,153	1,307	108	416	13,900	11,313	181	--	3	65,687
Menominee	3,855	29,208	4,877	4,040	6,544	1,297	226	197	14,213	10,895	825	41	4	76,223
Schoolcraft	2,198	16,486	813	6,650	6,598	2,243	234	226	15,589	19,152	606	--	5	70,801
Total	14,084	140,050	11,058	42,576	44,061	16,787	1,457	1,026	125,812	127,766	3,874	74	30	528,655
Western Upper Peninsula														
Baraga	2,472	21,176	2,146	8,500	10,182	4,863	490	314	31,355	21,955	833	--	15	104,301
Dickinson	2,311	32,609	12,340	1,834	7,456	1,139	105	291	19,679	8,730	1,289	--	14	87,798
Gogebic	5,031	14,615	5,614	3	4,950	4,642	--	301	24,439	11,042	1,315	--	3	71,957
Houghton	1,910	24,369	3,782	1,933	5,902	3,640	112	139	20,986	11,097	1,457	--	6	75,332
Iron	2,058	50,132	6,029	1,667	10,221	2,782	96	610	20,914	13,267	388	18	25	108,209
Keweenaw	446	6,149	502	41	16,678	6,016	2	--	12,077	7,560	2,663	--	6	52,139
Marquette	1,861	70,978	2,724	14,910	16,711	4,711	859	130	38,152	28,456	1,616	--	44	181,151
Ontonagon	3,919	30,019	6,437	1,968	5,633	3,355	113	172	24,490	10,456	1,799	--	5	88,367
Total	20,007	250,047	39,575	30,857	77,733	31,148	1,778	1,957	192,091	112,564	11,361	18	120	769,254
Northern Lower Peninsula														
Alcona	36	19,535	243	36	161	--	--	--	453	2,191	--	--	--	22,656
Alpena	334	17,998	779	334	1,258	--	--	--	1,413	6,784	--	--	--	28,899
Antrim	146	3,378	2,587	284	128	27	28	--	3,687	951	913	174	59	12,361
Arenac	25	2,722	47	25	78	--	1	--	118	2,931	--	--	3	5,950
Bay	--	496	--	--	--	--	--	--	--	163	--	--	--	659
Benzie	135	7,060	68	128	--	--	22	--	1,165	2,388	4,526	864	66	16,422
Charlevoix	333	2,038	1,221	322	818	--	19	--	2,128	2,306	--	--	58	9,241
Cheboygan	572	20,735	2,740	398	1,108	36	4	--	4,290	6,234	227	29	13	36,387
Clare	232	19,162	200	297	29	--	50	--	2,336	4,065	2,973	549	151	30,044
Crawford	75	11,701	499	75	274	--	1	--	331	6,522	--	--	3	19,482
Emmet	741	4,592	1,781	523	308	5	18	--	5,369	1,889	51	--	56	15,333
Gladwin	212	16,450	108	217	--	--	37	--	1,788	7,187	--	--	112	26,112
Grand Traverse	59	4,139	114	54	--	--	9	--	439	642	323	62	28	5,868
Iosco	50	8,612	108	50	190	--	--	--	195	4,715	--	--	--	13,920
Isabella	67	6,223	99	94	--	--	16	--	728	2,278	--	--	49	9,555
Kalkaska	673	12,096	971	909	295	52	113	--	5,656	7,712	949	170	292	29,888
Lake	98	5,906	70	117	--	--	20	--	884	456	5,487	1,036	61	14,137
Leelanau	38	662	13	35	--	--	6	--	264	124	--	--	18	1,160
Manistee	87	8,463	167	80	--	--	14	--	1,030	1,069	6,885	1,313	41	19,148

Mason	26	9,750	9	23	--	--	4	--	171	1,400	6,478	1,236	12	19,109
Mecosta	71	16,603	25	67	--	--	11	--	495	1,309	1,521	290	35	20,427
Midland	64	3,451	97	58	--	--	10	--	427	2,752	--	--	30	6,888
Missaukee	237	15,411	353	249	--	--	43	--	2,262	3,251	1,236	229	129	23,401
Montmorency	164	18,508	1,458	159	175	--	8	--	1,295	4,369	--	--	24	26,160
Newaygo	74	5,312	31	81	--	--	14	--	601	551	2,056	392	42	9,155
Oceana	30	2,515	10	28	--	--	5	--	240	385	1,608	307	14	5,142
Ogemaw	37	11,686	74	37	125	--	1	--	373	3,527	391	75	3	16,328
Osceola	113	13,216	136	106	--	--	18	--	787	2,264	1,518	290	55	18,504
Oscoda	98	9,794	353	91	3	--	13	--	1,039	3,490	--	--	41	14,922
Otsego	474	10,394	4,333	861	1,450	77	20	--	9,247	7,185	1,258	219	9	35,526
Presque Isle	113	9,829	422	113	412	--	--	--	378	1,926	--	--	--	13,194
Roscommon	263	8,903	129	240	3	--	40	--	1,797	3,525	322	61	124	15,407
Wexford	355	8,593	160	324	--	--	55	--	2,455	2,222	2,977	568	168	17,877
Total	6,032	315,932	19,407	6,413	6,815	197	600	--	53,845	98,763	41,699	7,862	1,696	559,262
Southern Lower Peninsula														
Barry	--	157	--	--	--	--	--	--	--	--	--	--	--	157
Branch	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Clinton	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Gratiot	--	351	--	--	--	--	--	--	--	--	--	--	--	351
Huron	--	230	--	--	--	--	--	--	--	6	--	--	--	236
Kent	--	82	--	--	--	--	--	--	--	--	--	--	--	82
Montcalm	6	3,080	2	6	--	--	1	--	85	193	167	32	3	3,574
Muskegon	70	785	24	64	--	--	11	--	466	225	--	--	33	1,676
Sanilac	--	842	--	--	--	--	--	--	--	516	--	--	--	1,359
Tuscola	8	1,656	3	8	--	--	1	--	56	357	--	--	4	2,094
Washtenaw	--	22	--	--	--	--	--	--	--	127	--	--	--	148
Total	84	7,206	29	77	--	--	13	--	607	1,424	167	32	40	9,678
State total	40,207	713,235	70,069	79,922	128,609	48,132	3,848	2,983	372,355	340,517	57,100	7,987	1,886	1,866,850

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 9.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Minnesota, 2007

Forest Inventory Unit and county[a]	All species	Softwood								
		Northern white-cedar	Balsam fir	Jack pine	Red pine	White pine	Other pine	Spruce	Tama-rack	Total softwoods
Aspen-Birch										
Carlton	59,916	47	4,496	380	1,993	0	537	1,905	124	9,482
Cook	18,446	--	778	121	996	0	1,353	4,200	5	7,453
Koochiching	197,009	--	21,766	3,534	1,467	41	8	47,757	7,225	81,797
Lake	77,267	8	10,503	1,397	1,836	56	256	11,437	233	25,726
St. Louis	536,851	1,614	51,325	23,820	9,543	271	1,337	66,624	9,290	163,825
Total	889,488	1,669	88,868	29,252	15,835	369	3,492	131,923	16,877	288,284
Northern Pine										
Aitkin	137,216	7	4,178	203	292	2	133	4,911	72	9,798
Becker	48,482	--	3,437	722	594	255	137	545	233	5,923
Beltrami	195,807	--	15,310	4,480	1,683	504	13	10,932	5,061	37,983
Cass	108,294	--	2,191	1,979	1,582	223	21	1,639	651	8,286
Clearwater	54,658	--	2,545	602	1,121	708	3	1,863	256	7,098
Crow Wing	44,516	26	472	360	224	45	330	349	109	1,915
Hubbard	99,727	--	3,134	2,230	2,114	244	185	1,076	518	9,500
Itasca	285,250	30	29,046	4,984	1,890	78	162	30,062	4,380	70,631
Lake of the Woods	48,016	--	3,610	4,244	236	1	3	5,423	4,997	18,513
Mahnomen	9,891	--	59	128	325	--	0	1	23	536
Roseau	14,062	--	310	1,049	929	1	3	1,684	283	4,259
Wadena	25,733	--	125	1,554	918	118	6	35	241	2,997
Total	1,071,654	63	64,416	22,536	11,907	2,179	996	58,521	16,824	177,440
Central Hardwood										
Anoka	168	--	--	9	16	--	--	--	3	27
Benton	182	--	--	6	3	--	--	--	2	11
Chisago	864	--	--	0	0	--	--	--	--	1
Douglas	3,641	--	0	4	4	--	--	1	1	10
Goodhue	802	--	--	--	--	--	--	--	--	--
Isanti	1,123	--	--	6	30	--	--	--	2	38
Kanabec	17,081	--	1	11	37	--	--	1	3	54
Mille Lacs	14,594	--	--	3	30	--	--	--	1	34
Morrison	22,755	--	--	66	51	17	12	14	14	173
Otter Tail	7,933	--	1	209	117	0	1	1	56	385
Pine	110,167	--	1,426	1,479	2,877	2	1,270	441	168	7,664
Sherburne	96	--	0	8	5	--	--	1	3	16
Stearns	241	--	--	--	--	--	--	--	--	--
Todd	5,845	--	0	72	39	--	0	--	19	131
Wabasha	249	--	--	--	140	--	--	--	--	140
Washington	72	--	--	--	--	--	--	--	--	--

Winona	1,507	--	--	--	--	112	--	--	--	112
Total		--	1,430	1,872	3,350	131	1,284	457	272	8,796
Prairie	23,749									
Kittson	11,082	--	0	107	58	--	1	1	29	196
Marshall	5,174	--	0	132	71	0	1	1	36	241
Norman	666	--	--	31	16	--	--	--	8	56
Pennington	1,435	--	--	25	14	--	--	--	7	45
Polk	4,779	--	65	33	18	--	--	--	9	124
Red Lake	614	--	--	18	10	--	--	--	5	32
Total	23,749	--	66	346	187	0	2	1	93	695
State total	2,172,210	1,731	154,779	54,006	31,278	2,680	5,773	190,901	34,065	475,213

(Table 9 continued on next page)

(Table 9 continued)

Forest Inventory Unit and county[a]	Hardwood										
	Ash	Aspen/ balsam poplar	Bass-wood	White birch	Yellow birch	Cotton-wood	Hard maple	Soft maple	Red oak group	White oak group	Total hardwoods
Aspen-Birch											
Carlton	1,793	36,715	271	5,637	--	0	1,657	4,084	167	109	50,434
Cook	2	10,350	--	474	--	--	154	12	--	--	10,992
Koochiching	224	105,236	273	8,429	--	70	334	645	--	--	115,211
Lake	278	29,207	609	10,988	--	1	2,375	8,082	--	--	51,540
St. Louis	3,503	288,961	911	59,646	802	1	9,018	10,185	--	--	373,027
Total	5,799	470,470	2,064	85,174	802	73	13,538	23,009	167	109	601,204
Northern Pine											
Aitkin	1,294	95,993	2,653	6,632	0	9	1,334	19,458	32	13	127,418
Becker	46	37,473	185	2,309	37	54	1,870	586	--	--	42,560
Beltrami	162	143,186	586	10,389	--	174	2,376	952	--	--	157,824
Cass	111	82,914	506	8,520	23	127	2,173	5,635	--	--	100,009
Clearwater	33	42,702	131	2,894	--	39	1,333	429	--	--	47,561
Crow Wing	20	39,000	377	2,152	1	20	76	949	4	1	42,601
Hubbard	117	79,452	461	7,266	--	137	849	1,944	--	--	90,227
Itasca	390	178,810	515	25,126	275	64	1,873	7,566	--	--	214,619
Lake of the Woods	34	26,658	133	2,487	--	39	77	74	--	--	29,503
Mahnomen	7	8,600	27	201	--	8	491	21	--	--	9,355
Roseau	40	8,686	158	696	--	47	77	98	--	--	9,802
Wadena	72	20,674	282	1,239	--	84	138	247	--	--	22,736
Total	2,327	764,148	6,015	69,912	336	801	12,668	37,958	36	15	894,214
Central Hardwood											
Anoka	1	121	3	12	--	1	1	2	--	--	140
Benton	0	160	2	8	--	0	1	1	--	--	172
Chisago	--	715	--	109	--	--	39	--	--	--	863
Douglas	0	90	--	6	--	3,533	0	0	--	--	3,630
Goodhue	129	533	--	19	--	--	--	120	--	--	802
Isanti	8	967	18	54	--	0	24	1	9	4	1,085
Kanabec	2	15,272	628	666	--	0	149	309	--	--	17,027
Mille Lacs	45	13,165	169	200	0	0	227	723	23	9	14,561
Morrison	26	21,975	38	210	--	5	28	284	11	4	22,581
Otter Tail	17	7,025	66	297	--	19	76	48	--	--	7,548
Pine	478	74,595	509	8,406	--	--	3,800	14,694	14	6	102,503
Sherburne	1	66	1	9	--	0	1	1	--	--	80
Stearns	--	241	--	--	--	--	--	--	--	--	241
Todd	6	3,118	59	138	0	2,362	14	16	--	--	5,714
Wabasha	--	--	--	82	--	--	27	--	--	--	109
Washington	--	--	--	72	--	--	--	--	--	--	72

Winona	--	3	--	1,041	--	--	348	--	3	1	1,395
Total	713	138,047	1,493	11,329	1	5,923	4,736	16,198	60	24	178,523
Prairie											
Kittson	9	10,658	34	141	--	10	16	18	--	--	10,886
Marshall	10	4,651	42	174	--	12	20	23	--	--	4,932
Norman	3	544	10	41	--	3	5	5	--	--	610
Pennington	2	1,332	8	34	--	2	5	6	--	--	1,390
Polk	3	4,571	10	43	--	3	10	15	--	--	4,655
Red Lake	1	543	6	24	--	2	3	3	--	--	581
Total	28	22,300	109	456	--	32	60	71	--	--	23,055
State total	8,867	1,394,965	9,681	166,870	1,139	6,828	31,002	77,236	263	147	1,696,997

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 10.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Wisconsin, 2007

Forest Inventory Unit and county[a]	All species	Softwood										Hardwood		
		Northern white-cedar	Balsam fir	Hemlock	Jack pine	Red pine	White pine	Other pine	Spruce	Tama-rack	Total soft-woods	Ash	Aspen/ balsam poplar	Bass-wood
Northeastern														
Florence	69,649	18	2,534	2,408	627	1,329	230	--	7,285	155	14,586	1,569	18,118	8,496
Forest	104,630	2	4,582	1,493	190	4,961	234	--	22,944	518	34,924	4,181	8,962	11,195
Langlade	165,614	--	6,572	608	145	1,524	368	5	5,310	599	15,131	8,181	38,812	17,702
Lincoln	123,360	--	3,381	305	348	2,302	1,105	10	1,359	335	9,144	6,661	43,292	5,197
Marinette	144,445	3	4,170	1,911	8,756	5,990	2,449	--	2,237	564	26,079	5,381	46,672	10,558
Menominee	47,812	--	100	3,583	39	295	192	--	19	1	4,229	2,224	6,937	3,405
Oconto	57,499	--	531	72	500	8,328	933	--	439	139	10,942	3,254	22,834	1,778
Oneida	143,906	--	5,005	337	6,404	12,222	1,672	--	6,799	606	33,046	3,493	53,748	3,424
Shawano	36,022	--	1,278	1,430	96	2,399	380	1	134	113	5,831	2,609	6,509	1,311
Vilas	68,880	--	2,400	210	5,691	3,218	2,226	1	1,459	324	15,530	1,285	22,120	1,124
Total	961,817	23	30,553	12,355	22,796	42,568	9,790	17	47,986	3,355	169,443	38,838	268,005	64,190
Northwestern														
Ashland	56,051	--	6,432	29	431	905	1,294	--	3,931	282	13,303	1,692	11,026	1,987
Barron	17,039	--	80	--	--	504	349	--	70	--	1,003	691	5,049	785
Bayfield	106,548	3	3,940	13	2,582	3,074	1,051	856	2,388	8	13,915	2,135	34,454	4,014
Burnett	45,264	--	260	--	1,355	1,256	222	350	20	3	3,467	336	26,663	245
Douglas	85,996	18	3,672	197	4,325	4,791	423	139	875	194	14,633	1,241	32,316	1,914
Iron	61,415	--	2,703	33	12	220	92	--	906	25	3,992	2,372	15,013	2,685
Polk	21,638	--	37	--	115	23	93	--	--	--	268	624	7,209	978
Price	123,812	--	7,713	423	84	1,313	477	--	5,326	474	15,810	7,060	34,361	5,863
Rusk	83,580	--	605	90	--	639	585	--	3,701	46	5,666	4,772	19,783	5,557
Sawyer	159,575	--	3,600	105	1,279	3,159	2,561	--	3,019	602	14,324	7,865	39,085	10,127
Taylor	65,616	--	1,853	171	13	943	453	--	1,729	148	5,309	3,463	20,160	1,999
Washburn	72,924	--	1,302	240	7,699	3,829	716	18	214	127	14,146	1,360	31,096	2,660
Total	899,458	21	32,195	1,300	17,895	20,656	8,316	1,364	22,179	1,909	105,836	33,611	276,213	38,814
Central														
Adams	103,728	--	9	--	9,795	22,173	7,560	53	95	--	39,685	620	11,363	211
Chippewa	33,740	--	64	9	409	1,940	461	--	747	2	3,631	1,530	11,383	849
Clark	60,615	--	7	22	564	1,303	2,295	104	509	6	4,809	1,768	23,499	1,038
Eau Claire	29,559	--	--	--	4,979	3,193	2,604	--	40	--	10,816	355	3,889	240
Jackson	62,778	--	--	--	4,787	5,941	8,771	45	154	50	19,748	359	12,483	225
Juneau	43,640	--	6	--	5,367	5,940	6,583	--	--	--	17,896	388	4,704	207
Marathon	102,798	--	1,071	1,213	439	3,788	1,067	40	1,222	149	8,987	5,378	34,243	1,944
Marquette	18,675	308	--	--	972	5,128	1,540	5	67	48	8,067	115	1,077	83
Monroe	28,181	--	--	--	1,537	3,359	4,727	39	82	2	9,746	463	2,089	225
Portage	50,822	--	52	615	1,906	8,222	2,850	185	5,573	4	19,408	878	12,914	390
Waupaca	25,153	--	142	146	66	2,015	1,145	7	175	90	3,787	1,144	7,629	520
Waushara	23,007	--	5	--	535	8,759	3,676	98	136	107	13,316	96	1,189	72
Wood	48,411	--	64	88	1,270	10,343	8,763	76	870	10	21,484	521	12,636	235
Total	631,107	308	1,420	2,093	32,626	82,105	52,043	651	9,667	466	181,379	13,613	139,099	6,237

Southwestern														
Buffalo	3,779	--	--	--	39	532	201	--	80	--	851	36	524	23
Crawford	659	--	--	--	--	247	--	--	--	--	247	5	184	--
Dunn	28,043	--	--	--	429	1,991	812	--	144	--	3,376	698	3,994	439
Grant	1,250	--	--	--	4	1,013	78	--	--	--	1,096	1	58	--
Iowa	1,383	--	--	--	5	18	64	--	50	--	137	21	686	11
La Crosse	3,832	--	--	--	128	770	705	--	66	--	1,668	58	730	35
Lafayette	1,430	--	--	--	--	--	112	--	--	--	112	26	26	173
Pepin	2,659	--	--	--	--	100	30	--	--	--	130	84	712	49
Pierce	2,332	--	--	--	22	335	106	--	--	--	463	58	483	20
Richland	3,883	--	--	--	--	333	448	--	46	--	826	105	1,224	17
Sauk	9,514	--	--	--	857	4,114	590	--	--	--	5,561	95	226	48
St. Croix	5,301	--	--	--	786	1,017	157	--	513	--	2,472	78	884	33
Trempealeau	6,886	--	--	--	15	1,285	1,463	--	--	--	2,763	164	319	103
Vernon	987	--	--	--	--	--	202	4	236	--	442	15	292	--
Total	71,939	--	--	--	2,284	11,756	4,968	4	1,134	--	20,147	1,445	10,342	951
Southeastern														
Brown	1,696	--	9	--	--	408	71	--	--	--	489	121	484	89
Calumet	470	--	--	--	--	--	--	--	--	12	12	57	--	53
Columbia	13,043	--	--	--	71	3,911	452	--	97	0	4,532	276	2,934	89
Dane	2,063	--	--	--	--	500	376	--	115	--	991	43	140	37
Dodge	613	--	--	--	--	23	15	--	18	--	55	130	31	38
Door	1,954	--	80	--	--	212	358	--	138	--	789	129	294	19
Fond Du Lac	996	--	--	--	--	183	90	--	97	--	370	36	410	13
Green	355	--	--	--	--	7	26	--	--	--	33	15	--	24
Green Lake	10,464	--	--	--	121	825	214	--	26	20	1,206	5	8,422	16
Kewaunee	2,377	--	42	--	--	125	41	--	138	--	347	431	162	94
Manitowoc	2,644	--	--	42	--	41	139	--	340	15	578	343	193	167
Outagamie	5,011	--	--	--	--	229	57	0	14	73	373	670	939	263
Ozaukee	10	--	--	--	--	--	--	--	--	--	--	--	--	--
Rock	711	--	--	--	112	237	112	--	84	--	544	1	3	4
Sheboygan	1,006	--	--	--	--	69	322	--	8	--	399	113	105	40
Walworth	472	--	--	--	--	207	193	--	72	--	472	--	--	--
Washington	521	--	--	--	101	289	70	--	--	--	460	8	0	6
Waukesha	801	--	--	--	--	533	225	--	--	--	757	11	2	5
Winnebago	438	--	--	--	--	79	14	--	27	--	120	11	176	14
Total	45,644	--	132	42	405	7,877	2,775	0	1,174	121	12,527	2,400	14,296	969
State total	2,609,965	352	64,300	15,791	76,007	164,963	77,893	2,036	82,140	5,851	489,332	89,907	707,955	111,161

(Table 10 continued on next page)

(Table 10 continued)

Forest Inventory Unit and county[a]	Hardwood														
	Beech	White birch	Yellow birch	Other birch	Black cherry	Black walnut	Cotton-wood	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Other hard-woods	Total hard-woods
Northeastern															
Florence	57	5,314	1,242	--	26	--	--	297	--	13,098	5,078	1,713	47	6	55,063
Forest	73	8,189	1,761	--	30	--	--	531	--	25,206	8,775	654	144	4	69,706
Langlade	264	16,464	2,602	--	45	--	7	1,444	2	38,065	23,004	3,801	82	9	150,483
Lincoln	191	8,863	1,654	--	--	--	--	1,195	85	24,640	19,968	2,161	282	29	114,216
Marinette	176	12,171	1,459	--	26	--	1	706	1	13,871	16,118	10,477	713	33	118,365
Menominee	960	2,833	1,861	--	29	--	--	299	107	13,777	6,742	4,126	283	--	43,583
Oconto	153	5,718	301	--	32	--	61	193	7	3,244	6,047	2,487	442	5	46,558
Oneida	21	14,167	1,116	--	--	--	--	738	--	11,071	14,033	8,797	249	3	110,860
Shawano	108	2,460	379	0	21	--	6	225	15	8,997	5,779	1,664	101	5	30,191
Vilas	14	8,835	577	--	--	--	--	389	--	6,737	5,009	7,187	73	--	53,350
Total	2,017	85,013	12,953	0	209	--	76	6,018	217	158,706	110,553	43,068	2,417	94	792,374
Northwestern															
Ashland	--	7,957	755	--	--	--	--	580	--	6,135	10,880	1,712	23	0	42,748
Barron	--	2,383	160	--	--	--	--	144	11	1,386	1,727	2,831	865	3	16,036
Bayfield	--	15,989	725	--	--	--	--	657	--	6,965	20,358	6,836	500	--	92,633
Burnett	--	2,573	108	--	--	--	--	108	--	1,428	4,075	4,474	1,788	--	41,798
Douglas	--	10,629	350	--	--	--	--	341	--	4,274	17,795	2,095	407	--	71,362
Iron	--	8,270	1,099	--	--	--	--	635	--	19,359	7,520	446	24	0	57,423
Polk	--	3,789	207	--	--	--	--	204	--	1,858	3,043	2,594	865	--	21,370
Price	5	17,503	2,158	--	--	--	--	1,644	--	18,587	20,306	364	150	1	108,002
Rusk	3	13,124	1,325	--	--	--	--	1,212	5	11,890	15,147	4,324	767	3	77,914
Sawyer	--	23,841	2,862	--	0	--	--	2,170	43	22,004	26,524	10,007	723	0	145,251
Taylor	53	9,372	968	--	--	--	--	857	9	11,130	11,338	818	136	4	60,307
Washburn	--	5,409	366	--	--	--	--	351	--	3,086	8,450	4,234	1,766	--	58,778
Total	61	120,840	11,082	--	0	--	--	8,903	68	108,103	147,164	40,736	8,014	12	793,622
Central															
Adams	19	787	82	--	1	--	--	149	--	1,787	1,628	39,537	7,860	--	64,043
Chippewa	--	4,232	323	--	--	--	--	313	8	2,914	4,026	3,489	1,038	4	30,109
Clark	8	5,492	535	--	--	--	--	498	6	4,802	6,282	8,800	3,075	3	55,806
Eau Claire	--	1,671	122	--	--	--	--	125	--	985	1,971	7,614	1,769	1	18,743
Jackson	--	2,536	135	--	--	--	--	135	--	1,076	2,646	19,354	4,082	--	43,031
Juneau	--	1,083	128	--	--	--	--	109	3	879	1,941	13,328	2,944	30	25,744
Marathon	283	6,337	881	--	1	--	--	790	48	23,835	16,271	3,244	522	33	93,811
Marquette	--	329	26	--	4	--	--	44	--	212	312	5,923	2,481	2	10,608
Monroe	--	1,385	139	--	0	--	--	135	--	1,132	1,644	8,778	2,442	2	18,435
Portage	21	2,616	236	--	3	--	--	233	--	3,071	3,341	6,547	1,157	7	31,414
Waupaca	9	2,421	222	--	11	--	5	210	18	2,348	2,997	3,100	694	37	21,366
Waushara	--	162	24	--	9	--	--	43	1	102	251	5,749	1,972	20	9,692
Wood	1	1,467	132	--	--	--	--	132	1	1,308	2,779	6,392	1,323	--	26,927
Total	341	30,520	2,986	--	30	--	5	2,917	84	44,452	46,090	131,856	31,358	139	449,728

Southwestern															
Buffalo	--	1,929	11	--	--	--	--	15	--	89	139	112	44	4	2,928
Crawford	--	2	--	--	--	--	--	--	--	8	17	107	89	--	412
Dunn	--	3,262	231	--	--	--	--	248	4	1,986	2,309	8,970	2,522	4	24,666
Grant	--	--	--	--	--	--	--	--	--	3	4	37	52	--	154
Iowa	--	68	7	--	--	--	--	7	--	57	77	223	88	--	1,246
La Crosse	--	228	21	--	--	--	--	21	--	167	222	523	158	--	2,164
Lafayette	--	--	--	--	98	122	--	167	10	77	62	203	316	37	1,318
Pepin	--	362	29	--	--	--	--	29	--	257	297	627	83	--	2,529
Pierce	--	344	8	--	--	--	--	10	1	262	126	424	131	1	1,869
Richland	--	170	10	--	--	--	--	10	--	341	201	528	451	--	3,057
Sauk	--	179	19	--	8	--	0	29	3	167	288	2,426	454	12	3,953
St. Croix	--	676	13	--	--	--	--	17	--	152	193	477	305	--	2,829
Trempealeau	--	1,527	61	--	--	--	2	62	--	490	612	634	147	1	4,123
Vernon	--	6	--	--	--	--	--	--	--	29	30	93	80	--	545
Total	--	8,753	411	--	106	122	3	615	18	4,085	4,577	15,384	4,920	59	51,792
Southeastern															
Brown	2	87	9	--	10	--	10	26	1	84	157	100	27	1	1,207
Calumet	3	17	--	--	--	--	5	30	--	13	159	16	86	19	457
Columbia	--	513	52	5	32	0	4	61	1	442	806	1,436	1,819	44	8,511
Dane	--	63	4	1	66	63	5	63	2	36	90	168	236	54	1,072
Dodge	--	29	3	--	14	--	--	40	5	24	138	5	40	61	558
Door	16	358	28	--	8	--	1	11	2	157	91	52	--	0	1,166
Fond Du Lac	--	--	--	--	4	--	20	12	1	46	32	15	15	21	626
Green	--	21	2	--	26	24	--	59	3	22	32	43	40	12	322
Green Lake	--	19	2	--	20	26	--	27	--	20	107	414	145	35	9,258
Kewaunee	4	283	24	--	4	--	--	45	--	266	677	2	--	38	2,030
Manitowoc	41	257	53	--	4	--	--	75	3	363	399	89	66	12	2,066
Outagamie	29	434	32	--	8	--	110	112	32	455	1,140	172	104	138	4,638
Ozaukee	--	10	--	--	--	--	--	--	--	--	--	--	--	--	10
Rock	--	--	--	--	22	11	0	20	1	8	6	14	64	11	167
Sheboygan	45	49	8	--	0	--	5	18	3	96	73	33	7	10	606
Walworth	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Washington	--	10	1	--	1	--	--	3	--	15	13	2	1	0	61
Waukesha	--	--	--	--	2	0	1	3	--	3	2	6	4	5	43
Winnebago	--	28	3	--	--	--	--	3	--	40	37	5	1	--	318
Total	138	2,178	222	7	221	124	162	606	55	2,089	3,959	2,574	2,655	463	33,117
State total	2,557	247,304	27,654	7	567	247	245	19,059	442	317,435	312,344	233,617	49,364	768	2,120,633

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 11.--Average production of active wood-pulp and composite product mills by company, location, and type of product produced, Lake States, 2007

Product and company	Location	Product produced	Average production
Pulp mills			
New Page Corp.	Escanaba, MI	Kraft/groundwood pulp	1,125 tons pulp/day
Packaging Corp. Of America	Filer City, MI	Semichemical pulp	361 tons pulp/day
Smurfit-Stone Container Corp.	Ontonagon, MI	Semichemical pulp	751 tons pulp/day
Verso Paper	Quinnesec, MI	Kraft pulp (sulfate)	1,250 tons pulp/day
Boise White Paper, LLC.	International Falls, MN	Kraft pulp (sulfate)	1,150 tons pulp/day
Certainteed Corp.	Shakopee, MN	Groundwood/mechanical pulp	310 tons pulp/day
Sapppi, LLC	Cloquet, MN	Kraft pulp (sulfate)	1,400 tons pulp/day
Stora Enso North America	Proctor, MN	Groundwood/mechanical pulp	325 tons pulp/day
UPM - Blandin	Grand Rapids, MN	Groundwood/mechanical pulp	475 tons pulp/day
Verso Paper	Sartell, MN	Thermomechanical pulp	850 tons pulp/day
Domtar Industries, Inc.	Nekoosa, WI	Kraft pulp (sulfate)	495 tons pulp/day
Domtar Industries, Inc.	Port Edwards, WI	Sulfite pulp	255 tons pulp/day
Domtar Industries, Inc.	Rothschild, WI	Sulfite pulp	160 tons pulp/day
Flambeau River Papers	Park Falls, WI	Sulfite pulp	170 tons pulp/day
Mule-Hide Manufacturing	Cornell, WI	Thermomechanical pulp	130 tons pulp/day
Packaging Corp. Of America	Tomahawk, WI	Semichemical pulpw	1,350 tons pulp/day
Stora Enso North America	Biron, WI	Groundwood/mechanical pulp	400 tons pulp/day
Stora Enso North America	Niagara, WI	Groundwood/mechanical pulp	250 tons pulp/day
Stora Enso North America	Whiting, WI	Thermomechanical pulp	200 tons pulp/day
Stora Enso North America	Wisconsin Rapids, WI	Kraft pulp (sulfate)	1,200 tons pulp/day
Thilmany, LLC	Kaukauna, WI	Kraft pulp (sulfate)	400 tons pulp/day
Wausau Mosinee Paper	Mosinee, WI	Kraft pulp (sulfate)	212 tons pulp/day
Composite product mills			
Decorative Panels International, Inc.	Alpena, MI	Hardboard	120 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Newberry, MI	Oriented strand board	72 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Sagola, MI	Oriented strand board	201 million ft^2, 3/4-inch basis per year
Weyerhaeuser Co.	Grayling, MI	Oriented strand board	250 million ft^2, 3/4-inch basis per year
Ainsworth Engineered (USA), LLC	Bemidji, MN	Oriented strand board	234 million ft^2, 3/4-inch basis per year
Ainsworth Engineered (USA), LLC	Cook, MN	Oriented strand board	159 million ft^2, 3/4-inch basis per year
Georgia-Pacific Corp.	Duluth, MN	Hardboard	220 million ft^2, 3/4-inch basis per year
International Bildrite, Inc.	International Falls, MN	Medium density fiberboard	59 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Two Harbors, MN	Oriented strand board	75 million ft^2, 3/4-inch basis per year
Norbord Minnesota	Solway, MN	Oriented strand board	456 million ft^2, 3/4-inch basis per year
Trus Joist by Weyerhaeuser	Deerwood, MN	Engineered wood product	na
Georgia-Pacific Corp., LLC	Phillips, WI	Hardboard	85 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Hayward, WI	Oriented strand board	210 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Tomahawk, WI	Oriented strand board	66 million ft^2, 3/4-inch basis per year
Marshfield Doorsystems, Inc.	Marshfield, WI	Particleboard	79 million ft^2, 3/4-inch basis per year

Table 12.--Pulpwood production and imports, in standard cords, unpeeled, Mid-Atlantic States, 2007

Product form, species group, and destination	Production by state[a]								Imports						
	Dela-ware	Mary-land	New Jersey	New York	Ohio	Pennsyl-vania	West Virginia	Regional Total	Central States	Lake States	New England States	Southern States	Canada	Total imports	Total receipts
Softwood roundwood															
Balsam fir															
Mid-Atlantic States	--	--	--	18,017	--	--	--	18,017	--	--	2,653	--	--	2,653	20,670
Total	--	--	--	18,017	--	--	--	18,017	--	--	2,653	--	--	2,653	20,670
Hemlock															
Mid-Atlantic States	--	403	22	86,771	252	60,440	1,597	149,485	--	--	12,482	20,826	--	33,308	182,793
Southern States	--	--	--	--	--	--	1,313	1,313	--	--	--	--	--	--	--
Canada	--	--	--	915	--	--	--	915	--	--	--	--	--	--	--
Total	--	403	22	87,686	252	60,440	2,909	151,712	--	--	12,482	20,826	--	33,308	182,793
Loblolly/shortleaf pine															
Mid-Atlantic States	20,458	28,698	6	--	1,551	415	2,027	53,156	91	--	--	12,413	--	12,505	65,661
Southern States	--	--	--	--	--	--	27	27	--	--	--	--	--	--	--
Total	20,458	28,698	6	--	1,551	415	2,055	53,183	91	--	--	12,413	--	12,505	65,661
Red pine															
Mid-Atlantic States	--	606	--	2,143	5,246	5,531	28	13,554	--	--	--	6,882	--	6,882	20,437
Canada	--	--	--	3,605	--	--	--	3,605	--	--	--	--	--	--	--
Total	--	606	--	5,748	5,246	5,531	28	17,159	--	--	--	6,882	--	6,882	20,437
White pine															
Mid-Atlantic States	--	3,520	16	72,567	56,234	33,779	21,491	187,608	62	--	30,552	49,253	--	79,868	267,475
Southern States	--	--	--	--	--	--	1,084	1,084	--	--	--	--	--	--	--
Canada	--	--	--	15,220	--	--	--	15,220	--	--	--	--	--	--	--
Total	--	3,520	16	87,787	56,234	33,779	22,576	203,912	62	--	30,552	49,253	--	79,868	267,475
Other pine															
Mid-Atlantic States	3,848	16,454	2,038	2,231	41,757	20,502	59,243	146,074	3,918	147	--	55,502	--	59,567	205,641
Southern States	--	--	--	--	--	--	516	516	--	--	--	--	--	--	--
Canada	--	--	--	1,819	--	--	--	1,819	--	--	--	--	--	--	--
Total	3,848	16,454	2,038	4,050	41,757	20,502	59,759	148,409	3,918	147	--	55,502	--	59,567	205,641
Spruce															
Mid-Atlantic States	--	97	5	41,025	--	4,127	99	45,352	--	--	6,749	3,660	--	10,410	55,762
Southern States	--	--	--	--	--	--	478	478	--	--	--	--	--	--	--
Total	--	97	5	41,025	--	4,127	577	45,830	--	--	6,749	3,660	--	10,410	55,762
Total softwood roundwood															
Mid-Atlantic States	24,306	49,779	2,087	222,754	105,041	124,794	84,485	613,246	4,071	147	52,436	148,538	--	205,192	818,438
Southern States	--	--	--	--	--	--	3,418	3,418	--	--	--	--	--	--	--
Canada	--	--	--	21,559	--	--	--	21,559	--	--	--	--	--	--	--
Total	24,306	49,779	2,087	244,313	105,041	124,794	87,903	638,223	4,071	147	52,436	148,538	--	205,192	818,438
Softwood residues															
Mid-Atlantic States	--	27,174	6,294	12,592	5,682	19,469	50,815	122,025	--	--	--	7,927	--	7,927	129,953
Southern States	--	43,770	--	--	--	--	5,296	49,066	--	--	--	--	--	--	--
Total	--	70,944	6,294	12,592	5,682	19,469	56,111	171,092	--	--	--	7,927	--	7,927	129,953
Total softwood material															
Mid-Atlantic States	24,306	76,953	8,381	235,346	110,723	144,263	135,300	735,271	4,071	147	52,436	156,465	--	213,120	948,391
Southern States	--	43,770	--	--	--	--	8,714	52,485	--	--	--	--	--	--	--
Canada	--	--	--	21,559	--	--	--	21,559	--	--	--	--	--	--	--
Total	24,306	120,723	8,381	256,905	110,723	144,263	144,014	809,315	4,071	147	52,436	156,465	--	213,120	948,391

(Table 12 continued on next page)

(Table 12 continued)

Product form, species group, and destination	Production by state[a]								Imports						
	Dela-ware	Mary-land	New Jersey	New York	Ohio	Pennsyl-vania	West Virginia	Regional Total	Central States	Lake States	New England States	Southern States	Canada	Total imports	Total receipts
Hardwood roundwood															
Ash															
Mid-Atlantic States	113	1,697	19	24,272	13,489	32,699	4,915	77,204	--	--	6,589	1,063	--	7,652	84,856
Southern States	--	--	--	--	--	29	3,744	3,773	--	--	--	--	--	--	--
Canada	--	--	--	6,382	--	--	--	6,382	--	--	--	--	--	--	--
Total	113	1,697	19	30,654	13,489	32,729	8,659	87,359	--	--	6,589	1,063	--	7,652	84,856
Aspen															
Mid-Atlantic States	--	157	4	9,991	8,858	12,688	3,399	35,098	--	--	2,160	1,216	--	3,376	38,473
New England States	--	--	--	43	--	--	--	43	--	--	--	--	--	--	--
Southern States	--	--	--	--	--	11	--	11	--	--	--	--	--	--	--
Canada	--	--	--	5,179	--	--	--	5,179	--	--	--	--	--	--	--
Total	--	157	4	15,214	8,858	12,699	3,399	40,331	--	--	2,160	1,216	--	3,376	38,473
Basswood															
Mid-Atlantic States	--	4,028	--	2,726	3,850	14,607	27,287	52,499	--	--	--	2,432	--	2,432	54,931
Southern States	--	--	--	--	--	5	6,431	6,435	--	--	--	--	--	--	--
Canada	--	--	--	921	--	--	--	921	--	--	--	--	--	--	--
Total	--	4,028	--	3,647	3,850	14,612	33,718	59,855	--	--	--	2,432	--	2,432	54,931
Beech															
Mid-Atlantic States	50	983	9	53,209	7,227	22,532	15,153	99,161	--	--	9,637	3,164	--	12,800	111,962
Southern States	--	--	--	--	--	2	7,167	7,169	--	--	--	--	--	--	--
Canada	--	--	--	5,695	--	--	--	5,695	--	--	--	--	--	--	--
Total	50	983	9	58,904	7,227	22,534	22,320	112,025	--	--	9,637	3,164	--	12,800	111,962
White birch															
Mid-Atlantic States	--	--	--	17,708	--	732	--	18,440	--	--	7,416	--	--	7,416	25,856
Canada	--	--	--	4,806	--	--	--	4,806	--	--	--	--	--	--	--
Total	--	--	--	22,513	--	732	--	23,246	--	--	7,416	--	--	7,416	25,856
Yellow birch															
Mid-Atlantic States	--	198	--	27,025	--	6,756	3,104	37,082	--	--	7,034	99	--	7,133	44,215
Southern States	--	--	--	--	--	--	2,605	2,605	--	--	--	--	--	--	--
Canada	--	--	--	6,699	--	--	--	6,699	--	--	--	--	--	--	--
Total	--	198	--	33,724	--	6,756	5,708	46,386	--	--	7,034	99	--	7,133	44,215
Other birch															
Mid-Atlantic States	9	1,254	14	2,630	233	33,193	15,246	52,579	--	--	2,267	1,438	--	3,706	56,285
Southern States	--	--	--	--	--	9	4,949	4,958	--	--	--	--	--	--	--
Canada	--	--	--	135	--	--	--	135	--	--	--	--	--	--	--
Total	9	1,254	14	2,765	233	33,202	20,195	57,672	--	--	2,267	1,438	--	3,706	56,285
Black cherry															
Mid-Atlantic States	165	6,656	3	15,527	16,142	107,466	14,970	160,928	--	--	2,444	1,791	--	4,235	165,163
Southern States	--	--	--	--	--	146	9,403	9,549	--	--	--	--	--	--	--
Canada	--	--	--	1,005	--	--	--	1,005	--	--	--	--	--	--	--
Total	165	6,656	3	16,531	16,142	107,611	24,373	171,482	--	--	2,444	1,791	--	4,235	165,163
Black walnut															
Mid-Atlantic States	70	108	--	--	1,617	1,484	1,483	4,762	--	--	--	394	--	394	5,156
Total	70	108	--	--	1,617	1,484	1,483	4,762	--	--	--	394	--	394	5,156
Cottonwood															
Mid-Atlantic States	--	--	--	--	1,866	137	--	2,003	--	--	--	103	--	103	2,106
Total	--	--	--	--	1,866	137	--	2,003	--	--	--	103	--	103	2,106
Elm															

Mid-Atlantic States	--	1,013	1	121	8,011	4,151	6,037	19,335	--	--	--	1,157	--	1,157	20,492
Southern States	--	--	--	--	--	32	398	430	--	--	--	--	--	--	--
Canada	--	--	--	248	--	--	--	248	--	--	--	--	--	--	--
Total	--	1,013	1	369	8,011	4,183	6,435	20,013	--	--	--	1,157	--	1,157	20,492
Hickory															
Mid-Atlantic States	5	2,618	12	368	19,796	13,405	10,473	46,678	--	--	--	1,224	--	1,224	47,902
Southern States	--	--	--	--	--	9	9,383	9,392	--	--	--	--	--	--	--
Total	5	2,618	12	368	19,796	13,414	19,857	56,070	--	--	--	1,224	--	1,224	47,902
Hard maple															
Mid-Atlantic States	2	3,557	6	68,444	17,955	58,312	13,336	161,612	--	--	15,360	1,441	--	16,801	178,413
Southern States	--	--	--	--	--	36	9,519	9,555	--	--	--	--	--	--	--
Canada	--	--	--	46,097	--	--	--	46,097	--	--	--	--	--	--	--
Total	2	3,557	6	114,541	17,955	58,348	22,855	217,264	--	--	15,360	1,441	--	16,801	178,413
Soft maple															
Mid-Atlantic States	2,563	18,264	87	71,878	33,991	170,924	98,801	396,509	--	--	25,224	17,695	--	42,919	439,428
Southern States	--	--	--	--	--	82	19,500	19,582	--	--	--	--	--	--	--
Canada	--	--	--	9,329	--	--	--	9,329	--	--	--	--	--	--	--
Total	2,563	18,264	87	81,207	33,991	171,006	118,301	425,421	--	--	25,224	17,695	--	42,919	439,428
Red oak															
Mid-Atlantic States	1,072	12,174	80	21,602	24,625	83,164	28,038	170,754	--	--	10,876	3,080	--	13,956	184,710
Southern States	--	--	--	--	--	71	27,380	27,451	--	--	--	--	--	--	--
Canada	--	--	--	1,131	--	--	--	1,131	--	--	--	--	--	--	--
Total	1,072	12,174	80	22,733	24,625	83,235	55,417	199,336	--	--	10,876	3,080	--	13,956	184,710
White oak															
Mid-Atlantic States	448	13,627	50	6,936	38,017	77,737	38,194	175,008	--	--	1,103	3,597	--	4,700	179,709
Southern States	--	--	--	--	--	57	33,418	33,475	--	--	--	--	--	--	--
Canada	--	--	--	61	--	--	--	61	--	--	--	--	--	--	--
Total	448	13,627	50	6,997	38,017	77,794	71,611	208,544	--	--	1,103	3,597	--	4,700	179,709
Sweetgum															
Mid-Atlantic States	1,178	2,837	10	--	35	3,660	38	7,758	--	--	--	185	--	185	7,943
Total	1,178	2,837	10	--	35	3,660	38	7,758	--	--	--	185	--	185	7,943
Sycamore															
Mid-Atlantic States	--	1,013	--	--	6,953	773	6,426	15,165	--	--	--	940	--	940	16,105
Southern States	--	--	--	--	--	1	427	428	--	--	--	--	--	--	--
Total	--	1,013	--	--	6,953	774	6,854	15,593	--	--	--	940	--	940	16,105
Tupelo/gum															
Mid-Atlantic States	357	1,448	15	--	2,647	4,757	4,855	14,078	--	--	--	663	--	663	14,741
Southern States	--	--	--	--	--	5	1,387	1,392	--	--	--	--	--	--	--
Total	357	1,448	15	--	2,647	4,762	6,241	15,470	--	--	--	663	--	663	14,741
Yellow-poplar															
Mid-Atlantic States	301	8,678	49	71	49,680	26,840	206,491	292,110	--	--	--	44,557	--	44,557	336,666
Southern States	--	--	--	--	--	76	25,754	25,829	--	--	--	--	--	--	--
Total	301	8,678	49	71	49,680	26,915	232,245	317,939	--	--	--	44,557	--	44,557	336,666
Other hardwoods															
Mid-Atlantic States	539	3,691	24	616	11,240	18,097	26,080	60,288	--	--	--	3,505	--	3,505	63,793
Southern States	--	--	--	--	--	--	10,513	10,513	--	--	--	--	--	--	--
Canada	--	--	--	60	--	--	--	60	--	--	--	--	--	--	--
Total	539	3,691	24	676	11,240	18,097	36,593	70,860	--	--	--	3,505	--	3,505	63,793

(Table 12 continued on next page)

(Table 12 continued)

Product form, species group, and destination	Production by state[a]								Imports						
	Dela-ware	Mary-land	New Jersey	New York	Ohio	Pennsyl-vania	West Virginia	Regional Total	Central States	Lake States	New England States	Southern States	Canada	Total imports	Total receipts
Total hardwood roundwood															
Mid-Atlantic States	6,872	84,001	383	323,124	266,233	694,113	524,326	1,899,052	--	--	90,110	89,744	--	179,854	2,078,905
New England States	--	--	--	43	--	--	--	43	--	--	--	--	--	--	--
Southern States	--	--	--	--	--	571	171,976	172,547	--	--	--	--	--	--	--
Canada	--	--	--	87,747	--	--	--	87,747	--	--	--	--	--	--	--
Total	6,872	84,001	383	410,914	266,233	694,684	696,302	2,159,389	--	--	90,110	89,744	--	179,854	2,078,905
Hardwood residues															
Mid-Atlantic States	--	39,214	1,211	168,181	101,501	481,931	125,313	917,351	--	--	3,984	168,122	4,121	176,227	1,093,578
Southern States	--	6,882	--	--	1,457	--	216,731	225,070	--	--	--	--	--	--	--
Total	--	46,097	1,211	168,181	102,957	481,931	342,044	1,142,421	--	--	3,984	168,122	4,121	176,227	1,093,578
Total hardwood material															
Mid-Atlantic States	6,872	123,215	1,595	491,305	367,733	1,176,043	649,639	2,816,403	--	--	94,094	257,866	4,121	356,081	3,172,483
New England States	--	--	--	43	--	--	--	43	--	--	--	--	--	--	--
Southern States	--	6,882	--	--	1,457	571	388,707	397,617	--	--	--	--	--	--	--
Canada	--	--	--	87,747	--	--	--	87,747	--	--	--	--	--	--	--
Total	6,872	130,098	1,595	579,095	369,190	1,176,615	1,038,346	3,301,810	--	--	94,094	257,866	4,121	356,081	3,172,483
Total all roundwood															
Mid-Atlantic States	31,178	133,780	2,471	545,878	371,274	818,907	608,811	2,512,297	4,071	147	142,546	238,282	--	385,046	2,897,344
New England States	--	--	--	43	--	--	--	43	--	--	--	--	--	--	--
Southern States	--	--	--	--	--	571	175,394	175,965	--	--	--	--	--	--	--
Canada	--	--	--	109,306	--	--	--	109,306	--	--	--	--	--	--	--
Total	31,178	133,780	2,471	655,227	371,274	819,478	784,205	2,797,611	4,071	147	142,546	238,282	--	385,046	2,897,344
Total all residues															
Mid-Atlantic States	--	66,388	7,505	180,773	107,183	501,400	176,128	1,039,376	--	--	3,984	176,049	4,121	184,154	1,223,531
Southern States	--	50,653	--	--	1,457	--	222,027	274,137	--	--	--	--	--	--	--
Total	--	117,041	7,505	180,773	108,639	501,400	398,155	1,313,513	--	--	3,984	176,049	4,121	184,154	1,223,531
Total all wood material															
Mid-Atlantic States	31,178	200,168	9,976	726,651	478,456	1,320,306	784,939	3,551,674	4,071	147	146,530	414,331	4,121	569,200	4,120,874
New England States	--	--	--	43	--	--	--	43	--	--	--	--	--	--	--
Southern States	--	50,653	--	--	1,457	571	397,421	450,102	--	--	--	--	--	--	--
Canada	--	--	--	109,306	--	--	--	109,306	--	--	--	--	--	--	--
Total	31,178	250,821	9,976	836,000	479,913	1,320,877	1,182,360	4,111,124	4,071	147	146,530	414,331	4,121	569,200	4,120,874

[a] Vertical columns of figures under the box heading "Production by State" present the amount of roundwood cut or residue generated in each state

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 13.--Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, Mid-Atlantic States, 2005-2007

	All species			Hemlock			Pine		
State	2005	2006	2007	2005	2006	2007	2005	2006	2007
Delaware	23	27	31	--	--	--	22	22	24
Maryland	129	138	134	0	0	0	41	53	49
New Jersey	4	6	2	--	--	0	3	6	2
New York	629	601	655	53	80	88	127	68	98
Ohio	342	352	371	4	4	0	87	93	105
Pennsylvania	732	742	819	57	54	60	75	71	60
West Verginia	678	724	784	3	4	3	83	76	84
Total Mid-Atlantic States	2,538	2,591	2,798	117	142	152	437	390	423

	Other softwoods			Birch			Maple		
State	2005	2006	2007	2005	2006	2007	2005	2006	2007
Delaware	--	--	--	--	--	0	1	2	3
Maryland	0	0	0	1	1	1	18	19	22
New Jersey	0	0	0	--	--	0	0	--	0
New York	25	33	59	69	65	59	204	197	196
Ohio	--	--	--	0	0	0	49	50	52
Pennsylvania	6	6	4	34	33	41	189	200	229
West Verginia	1	1	1	21	24	26	121	140	141
Total Mid-Atlantic States	32	40	64	125	124	127	582	607	643

	Oak			Yellow-poplar			Other hardwoods		
State	2005	2006	2007	2005	2006	2007	2005	2006	2007
Delaware	1	1	2	0	0	0	0	1	2
Maryland	29	28	26	11	11	9	28	26	26
New Jersey	0	--	0	0	--	0	0	--	0
New York	27	30	30	0	0	0	125	129	126
Ohio	60	58	63	48	50	50	95	97	102
Pennsylvania	142	146	161	39	37	27	190	195	237
West Verginia	104	115	127	175	194	232	170	170	170
Total Mid-Atlantic States	363	378	408	273	293	318	607	618	664

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1,000 standard cords, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 14.--Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, Mid-Atlantic States, 2007

Product form and species group	State of origin for pulp mills								State of origin for composite mills					
	All States	Delaware	Maryland	New Jersey	New York	Ohio	Pennsylvania	West Virginia	All States	Maryland	New York	Ohio	Pennsylvania	West Virginia
Softwood roundwood														
Balsam fir	18,017	--	--	--	18,017	--	--	--	--	--	--	--	--	--
Hemlock	150,296	--	403	22	86,597	--	60,364	2,909	1,417	--	1,088	252	76	--
Shortleaf/loblolly pine	52,370	20,458	28,698	6	--	1,461	415	1,331	814	--	--	90	--	724
Red pine	10,874	--	416	--	2,143	3,515	4,773	28	6,285	189	3,605	1,732	759	--
White pine	165,995	--	3,498	16	72,424	45,213	30,638	14,206	37,917	22	15,363	11,021	3,141	8,370
Other pines	140,033	3,848	16,431	2,038	2,231	38,110	19,154	58,222	8,376	24	1,819	3,647	1,349	1,537
Spruce	45,830	--	97	5	41,025	--	4,127	577	--	--	--	--	--	--
Total softwood roundwood	583,415	24,306	49,543	2,087	222,437	88,299	119,470	77,272	54,808	236	21,876	16,742	5,324	10,631
Hardwood roundwood														
Ash	66,290	113	1,697	19	26,120	11,769	18,345	8,226	21,069	--	4,534	1,719	14,383	433
Aspen	22,963	--	130	4	9,211	6,021	6,757	840	17,368	27	6,003	2,837	5,942	2,559
Basswood	27,948	--	2,369	--	1,831	2,430	8,390	12,928	31,908	1,660	1,816	1,421	6,222	20,790
Beech	91,130	50	983	9	57,295	7,175	12,868	12,751	20,896	--	1,609	52	9,666	9,569
White birch	22,453	--	--	--	22,421	--	31	--	793	--	92	--	701	--
Yellow birch	42,891	--	198	--	33,216	--	3,889	5,588	3,495	--	507	--	2,866	121
Other birch	29,718	9	825	14	2,017	148	18,350	8,354	27,954	429	748	85	14,852	11,841
Black cherry	128,504	165	6,656	3	14,114	13,397	73,179	20,989	42,978	--	2,417	2,745	34,433	3,384
Black walnut	2,957	70	108	--	--	1,610	1,119	50	1,806	--	--	8	365	1,433
Cottonwood	1,047	--	--	--	--	918	129	--	956	--	--	948	8	--
Elm	10,599	--	551	1	299	5,286	2,338	2,124	9,414	462	70	2,725	1,846	4,311
Hickory	51,119	5	2,618	12	368	19,780	9,837	18,498	4,951	--	--	16	3,577	1,358
Hard maple	185,145	2	3,557	6	108,029	17,951	33,710	21,889	32,119	--	6,512	4	24,637	966
Soft maple	249,719	2,563	12,610	87	72,852	24,681	97,789	39,137	175,702	5,655	8,356	9,310	73,218	79,164
Red oak group	160,860	1,072	12,174	80	19,393	24,614	51,430	52,098	38,476	--	3,340	11	31,805	3,319
White oak group	172,603	448	13,627	50	6,203	37,994	46,349	67,932	35,942	--	794	23	31,445	3,679
Sweetgum	7,685	1,178	2,837	10	--	--	3,660	--	73	--	--	35	--	38
Sycamore	8,286	--	690	--	--	5,258	206	2,131	7,307	323	--	1,694	568	4,722
Tupelo/gum	9,800	357	1,186	15	--	2,025	2,894	3,322	5,670	262	--	622	1,868	2,920
Yellow-poplar	106,797	301	7,625	49	--	35,482	15,559	47,781	211,141	1,052	71	14,198	11,356	184,464
Other hardwoods	41,065	539	2,284	24	215	8,333	12,607	17,062	29,795	1,407	461	2,906	5,490	19,531
Total hardwood roundwood	1,439,576	6,872	72,725	383	373,585	224,873	419,437	341,701	719,813	11,276	37,329	41,360	275,247	354,601
Total Roundwood	2,022,990	31,178	122,268	2,471	596,022	313,172	538,907	418,973	774,621	11,512	59,205	58,102	280,571	365,232
Residues														
Softwood	161,895	--	70,944	6,294	9,956	--	18,591	56,111	9,196	--	2,636	5,682	878	--
Hardwood	663,746	--	46,097	1,211	28,410	77,786	195,145	315,097	478,675	--	139,771	25,172	286,785	26,947
Total residues	825,641	--	117,041	7,505	38,366	77,786	213,736	371,208	487,872	--	142,407	30,853	287,663	26,947
State total	2,848,632	31,178	239,309	9,976	634,388	390,958	752,643	790,181	1,262,493	11,512	201,612	88,955	568,234	392,179

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 15.--Pulpwood production, in standard cords, unpeeled, by mill type, product form, species group, and percent change, Mid-Atlantic States, 2006 and 2007

Product form and species group	Pulp mills			Composite mills		
	2006	2007	Percent change	2006	2007	Percent change
Softwood roundwood						
Balsam fir	9,749	18,017	85%	58	--	--
Hemlock	141,296	150,296	6%	556	1,417	155%
Shortleaf/loblolly pine	56,201	52,370	-7%	448	814	82%
Red pine	9,364	10,874	16%	1,880	6,285	234%
White pine	148,276	165,995	12%	26,869	37,917	41%
Other pine	130,709	140,033	7%	16,016	8,376	-48%
Spruce	29,778	45,830	54%	247	--	--
Tamarack	285	--	--	--	--	--
Total softwood roundwood	525,659	583,415	11%	46,074	54,808	19%
Hardwood roundwood						
Ash	65,549	66,290	1%	18,350	21,069	15%
Aspen	29,140	22,963	-21%	15,809	17,368	10%
Basswood	26,061	27,948	7%	41,261	31,908	-23%
Beech	79,701	91,130	14%	27,636	20,896	-24%
White birch	25,057	22,453	-10%	886	793	-10%
Yellow birch	45,729	42,891	-6%	2,856	3,495	22%
Other birch	23,761	29,718	25%	25,262	27,954	11%
Black cherry	105,789	128,504	21%	38,325	42,978	12%
Black walnut	2,456	2,957	20%	234	1,806	670%
Cottonwood	1,429	1,047	-27%	227	956	320%
Elm	9,333	10,599	14%	9,126	9,414	3%
Hickory	48,615	51,119	5%	3,403	4,951	46%
Hard maple	174,810	185,145	6%	34,675	32,119	-7%
Soft maple	223,530	249,719	12%	173,878	175,702	1%
Red oak group	148,278	160,860	8%	34,145	38,476	13%
White oak group	164,467	172,603	5%	30,661	35,942	17%
Sweetgum	4,170	7,685	84%	123	73	-41%
Sycamore	6,565	8,286	26%	11,959	7,307	-39%
Tupelo/gun	8,524	9,800	15%	8,272	5,670	-31%
Yellow-poplar	101,145	106,797	6%	191,906	211,141	10%
Other hardwoods	39,988	41,065	3%	15,961	29,795	87%
Total hardwood roundwood	1,334,101	1,439,576	8%	684,954	719,813	5%
Total Roundwood	1,859,760	2,022,990	9%	731,028	774,621	6%
Residues						
Softwood	294,873	161,895	-45%	8,978	9,196	2%
Hardwood	774,635	663,746	-14%	495,747	478,675	-3%
Total residues	1,069,508	825,641	-23%	504,725	487,872	-3%
State total	2,929,268	2,848,632	-3%	1,235,753	1,262,493	2%

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 16.--Pulpwood production from roundwood, in standard cords, unpeeled, by state, Forest Inventory Unit, county, and species group, Delaware, Maryland, and New Jersey, 2007

Forest Inventory Unit and county[a]	All species	Softwood							Hardwood					
		Hemlock	Loblolly/ shortleaf pine	Red pine	White pine	Other pines	Spruce	Total softwoods	Ash	Aspen/ balsam poplar	Bass-wood	Beech	Yellow birch	Other birch
DELAWARE														
Kent	3,066	--	1,197	--	--	1,501	--	2,698	16	--	--	4	--	--
Sussex	28,112	--	19,261	--	--	2,347	--	21,608	97	--	--	45	--	9
State total	31,178	--	20,458	--	--	3,848	--	24,306	113	--	--	50	--	9
MARYLAND														
North Central														
Anne Arundel	3,535	--	102	--	97	1,210	--	1,409	--	2	--	47	--	16
Baltimore	2,945	95	--	--	--	339	--	434	19	49	--	40	--	--
Caroline	2,139	--	542	--	--	593	--	1,134	1	--	--	0	--	1
Carroll	960	--	--	--	389	--	--	389	17	--	--	0	--	20
Cecil	1,096	--	11	--	--	379	--	390	4	17	--	24	--	5
Frederick	1,807	--	--	--	--	254	--	254	57	--	--	9	--	25
Harford	5,007	--	1,766	--	115	622	--	2,503	34	6	--	73	--	135
Howard	2,203	--	135	--	23	154	--	312	132	--	--	1	--	--
Montgomery	548	--	--	--	--	188	--	188	22	--	--	1	--	--
Prince George's	4,650	--	--	--	--	989	--	989	79	--	--	148	5	37
Queen Anne's	118	--	64	--	--	--	--	64	2	--	--	--	--	--
Talbot	55	--	35	--	--	4	--	39	--	0	--	--	--	--
Washington	2,715	196	--	--	1,513	338	--	2,047	54	--	9	15	--	5
Total	27,779	291	2,654	--	2,138	5,069	--	10,152	420	74	9	359	5	245
Southern														
Calvert	320	--	50	--	--	91	--	142	6	--	--	21	--	--
Charles	11,608	--	2,165	--	--	6,777	--	8,942	110	--	--	103	28	2
St. Mary's	7,851	--	3,442	--	--	1,518	--	4,960	5	18	--	219	--	15
Total	19,779	--	5,657	--	--	8,385	--	14,043	121	18	--	343	28	18
Lower Eastern Shore														
Dorchester	4,455	--	3,351	--	21	36	--	3,407	--	--	--	4	--	--
Somerset	11,787	--	11,049	--	--	--	--	11,049	55	--	--	2	--	--
Wicomico	4,256	--	3,771	--	--	77	--	3,848	4	--	--	12	--	--
Worcester	2,640	--	2,216	--	--	83	--	2,299	9	--	--	4	--	--
Total	23,138	--	20,386	--	21	195	--	20,603	67	--	--	23	--	--
Western														
Allegany	14,299	65	--	--	1,316	2,782	--	4,163	122	8	782	5	--	261
Garrett	48,786	48	--	606	45	22	97	818	966	57	3,237	254	165	730
Total	63,085	112	--	606	1,361	2,804	97	4,981	1,088	65	4,019	258	165	991
State total	133,780	403	28,698	606	3,520	16,454	97	49,779	1,697	157	4,028	983	198	1,254

NEW JERSEY														
Burlington	24	--	2	--	2	20	--	24	--	--	--	--	--	--
Camden	903	--	--	--	--	893	--	893	--	--	--	--	--	--
Cumberland	131	--	--	--	--	111	--	111	--	--	--	0	--	--
Gloucester	33	--	--	--	1	28	3	33	--	--	--	--	--	--
Hunterdon	13	--	--	--	--	11	2	13	--	--	--	--	--	--
Monmouth	247	--	4	--	--	21	--	25	--	2	--	0	--	--
Ocean	963	--	--	--	13	939	--	952	--	--	--	--	--	--
Salem	11	--	--	--	--	11	--	11	--	--	--	--	--	--
Warren	147	22	--	--	--	4	--	26	19	2	--	8	--	14
State total	2,471	22	6	--	16	2,038	5	2,087	19	4	--	9	--	14

(Table 16 continued on next page)

(Table 16 continued)

Forest Inventory Unit and county[a]	Hardwood													
	Black cherry	Black walnut	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Sweet-gum	Syca-more	Tupelo/ gum	Yellow-poplar	Other hard-woods	Total hardwoods
DELAWARE														
Kent	4	--	--	--	--	93	78	37	67	--	22	39	7	368
Sussex	161	**70**	--	5	**2**	2,470	994	411	1,111	--	335	262	533	6,504
State total	165	**70**	--	5	**2**	2,563	1,072	448	1,178	--	357	301	539	6,872
MARYLAND														
North Central														
Anne Arundel	121	2	--	94	--	164	225	76	577	13	94	530	164	2,126
Baltimore	62	35	10	110	2	247	512	175	--	112	19	1,078	43	2,512
Caroline	15	--	--	17	--	300	190	79	227	7	42	89	36	1,005
Carroll	39	2	--	42	0	24	161	112	--	--	8	137	8	570
Cecil	25	6	--	34	--	83	146	45	72	27	1	157	59	706
Frederick	5	6	3	79	9	186	250	456	--	51	42	307	68	1,552
Harford	185	15	38	50	--	198	211	287	175	19	25	1,003	49	2,504
Howard	85	12	--	97	--	705	343	154	--	52	29	269	11	1,891
Montgomery	30	0	2	6	--	51	93	15	--	7	0	84	49	360
Prince George's	33	22	41	197	--	354	643	556	287	95	245	862	58	3,662
Queen Anne's	0	--	0	0	--	13	8	13	12	--	3	2	0	54
Talbot	--	--	--	1	--	1	5	0	3	2	1	--	3	17
Washington	6	6	1	29	26	42	143	194	--	4	3	129	3	668
Total	607	106	95	756	37	2,368	2,928	2,163	1,353	389	512	4,646	554	17,626
Southern														
Calvert	1	--	1	7	--	13	21	34	13	6	6	48	1	178
Charles	31	2	23	106	--	200	385	447	469	20	60	634	48	2,667
St. Mary's	6	--	--	66	--	333	447	378	420	6	74	887	15	2,891
Total	38	2	24	179	--	546	853	859	902	31	140	1,569	64	5,736
Lower Eastern Shore														
Dorchester	10	--	--	28	--	307	262	118	188	--	51	54	24	1,047
Somerset	4	--	--	--	--	288	6	55	235	19	51	--	24	739
Wicomico	1	--	--	1	--	117	34	23	87	--	45	48	36	408
Worcester	1	--	--	1	--	149	13	27	72	--	24	19	22	341
Total	17	--	--	30	--	862	314	223	582	19	170	121	107	2,535
Western														
Allegany	168	--	721	323	925	638	930	2,853	--	542	222	546	1,091	10,136
Garrett	5,825	--	173	1,331	2,595	13,851	7,149	7,528	--	32	404	1,796	1,876	47,968
Total	5,994	--	894	1,654	3,520	14,489	8,078	10,382	--	574	625	2,342	2,967	58,104
State total	6,656	108	1,013	2,618	3,557	18,264	12,174	13,627	2,837	1,013	1,448	8,678	3,691	84,001

NEW JERSEY

Burlington	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Camden	--	--	--	0	--	7	2	1	--	--	1	--	--	11
Cumberland	0	--	--	--	--	5	5	2	1	--	1	5	--	20
Gloucester	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Hunterdon	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Monmouth	1	--	--	4	--	58	56	38	9	--	12	17	23	221
Ocean	--	--	--	--	--	3	3	2	--	--	2	--	0	11
Salem	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Warren	1	--	1	7	6	15	13	7	--	--	--	27	--	121
State total	3	--	1	12	6	87	80	50	10	--	15	49	24	383

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 17.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, New York, 2007

Forest Inventory Unit and county[a]	All species	Softwood							Hardwood			
		Balsam fir	Hemlock	Red pine	White pine	Other pine	Spruce	Total softwoods	Ash	Aspen/ balsam poplar	Bass-wood	Beech
Adirondack												
Clinton	19,627	36	590	--	3,533	--	6	4,164	1,459	566	146	2,609
Franklin	90,448	1,676	1,346	115	8,787	1,109	3,944	16,977	3,999	2,404	218	11,208
Jefferson	6,533	--	192	2,358	3,557	38	2	6,148	16	288	--	11
St. Lawrence	93,932	563	1,894	1,131	7,842	672	1,578	13,681	4,561	3,087	--	14,734
Total	210,540	2,275	4,022	3,605	23,719	1,819	5,530	40,970	10,035	6,346	365	28,562
Lake Plain												
Cayuga	905	--	12	179	655	--	59	905	--	--	--	--
Erie	302	--	--	--	--	--	--	--	27	6	38	21
Livingston	1,722	--	--	--	75	--	--	75	112	6	194	36
Madison	42	--	--	--	--	--	--	--	7	2	--	4
Monroe	135	--	--	--	108	27	--	135	--	--	--	--
Onondaga	1,591	--	--	--	--	--	--	--	60	20	--	393
Oswego	3,723	--	349	--	445	--	14	808	255	211	--	131
Wyoming	450	--	--	--	--	--	--	--	87	36	12	44
Total	8,869	--	361	179	1,283	27	73	1,923	548	279	243	627
Western Adirondack												
Fulton	20,429	149	4,441	--	6,073	--	1,207	11,870	1,094	327	--	183
Herkimer	21,206	600	1,350	--	190	--	2,389	4,529	929	170	--	3,526
Lewis	18,097	2,518	2,798	--	478	--	1,561	7,355	679	300	--	1,258
Onieda	11,349	28	164	--	--	--	71	264	737	177	--	2,570
Total	71,081	3,295	8,754	--	6,740	--	5,228	24,018	3,439	975	--	7,537
Eastern Adirondack												
Essex	94,828	6,910	16,164	--	8,733	--	11,666	43,473	3,757	1,019	556	7,851
Hamilton	41,489	1,497	3,929	--	2,665	--	6,236	14,327	1,746	282	--	6,253
Warren	44,519	2,004	8,415	--	15,367	--	3,292	29,078	1,714	932	--	929
Total	180,837	10,410	28,508	--	26,765	--	21,194	86,878	7,217	2,233	556	15,034
Southwest Highlands												
Allegany	6,321	--	199	1,019	550	717	314	2,800	390	473	509	139
Cattaraugus	9,583	--	--	541	897	202	--	1,640	918	474	301	494
Chautauqua	1,102	--	--	--	--	664	--	664	63	54	11	32
Steuben	9,263	--	14	111	2,420	325	2	2,872	1,183	444	207	372
Total	26,269	--	213	1,672	3,868	1,908	315	7,976	2,554	1,445	1,027	1,038
South-Central Highlands												
Broome	5,675	--	436	57	231	--	255	979	609	272	236	112
Chemung	2,676	--	6	2	45	--	1	54	302	233	389	157
Chenango	6,181	--	29	--	20	--	--	49	433	229	256	367
Cortland	6,772	--	753	182	2,613	16	247	3,812	507	70	63	64

Delaware	2,705	--	1,028	1	189	--	303	1,521	170	12	22	36
Otsego	1,172	--	150	30	340	7	34	561	129	33	11	17
Schuyler	3,623	--	261	--	1,554	268	184	2,267	215	119	134	27
Tioga	2,143	--	50	20	44	5	21	140	222	270	93	4
Tompkins	2,646	--	--	--	--	--	--	--	291	291	223	127
Total	33,594	--	2,713	293	5,036	296	1,043	9,382	2,878	1,529	1,426	910
Capitol District												
Albany	3,910	--	684	--	2,170	--	--	2,853	118	64	--	88
Columbia	1,161	--	960	--	--	--	--	960	22	6	--	--
Montgomery	1,346	--	660	--	--	--	7	667	6	266	--	--
Rensselaer	21,898	1,155	10,492	--	1,416	--	404	13,468	461	710	--	194
Saratoga	65,706	879	19,978	--	9,148	--	7,100	37,106	1,932	590	--	4,166
Schenectady	399	--	17	--	146	--	--	163	16	4	--	58
Washington	25,776	--	9,979	--	6,528	--	54	16,560	1,054	668	--	583
Total	120,196	2,035	42,770	--	19,408	--	7,565	71,778	3,607	2,308	--	5,090
Catskill-Lower Hudson												
Dutchess	162	--	10	--	106	--	3	119	7	1	--	--
Greene	1,650	2	278	--	780	--	73	1,133	78	22	7	17
Schoharie	1,175	--	15	--	35	--	--	50	204	62	17	28
Sullivan	344	--	27	--	25	--	--	52	29	2	--	24
Ulster	511	--	13	--	22	--	--	35	57	12	6	38
Total	3,842	2	343	--	967	--	76	1,389	375	99	29	106
State total	655,227	18,017	87,686	5,748	87,787	4,050	41,025	244,313	30,654	15,214	3,647	58,904

(Table 17 continued on next page)

(Table 17 continued)

Forest Inventory Unit and county[a]	Hardwood												
	White birch	Yellow birch	Other birch	Black cherry	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Yellow-poplar	Other hard-woods	Other hard-woods
Adirondack													
Clinton	1,234	1,249	69	579	125	--	3,266	3,306	538	256	--	60	15,462
Franklin	3,360	6,272	71	1,963	98	--	28,535	12,664	1,646	1,031	--	--	73,471
Jefferson	3	5	0	9	--	--	22	23	5	1	--	--	385
St. Lawrence	4,389	5,971	7	2,318	--	--	28,184	12,555	2,736	1,707	--	--	80,251
Total	8,986	13,497	148	4,871	223	--	60,008	28,549	4,925	2,995	--	60	169,569
Lake Plain													
Cayuga	--	--	--	--	--	--	--	--	--	--	--	--	--
Erie	--	3	--	116	--	--	59	33	--	--	--	--	302
Livingston	--	6	12	55	--	214	231	169	467	123	--	20	1,647
Madison	1	2	--	5	--	--	12	7	1	0	--	--	42
Monroe	--	--	--	--	--	--	--	--	--	--	--	--	--
Onondaga	121	158	--	58	--	--	325	333	77	46	--	--	1,591
Oswego	38	181	8	428	--	--	314	1,297	37	15	--	--	2,915
Wyoming	--	3	--	29	5	12	146	30	10	--	--	37	450
Total	161	353	21	692	5	227	1,086	1,870	592	185	--	57	6,946
Western Adirondack													
Fulton	63	1,004	23	499	--	--	1,346	3,632	369	20	--	--	8,560
Herkimer	1,019	2,047	--	810	--	--	3,228	3,908	639	400	--	--	16,676
Lewis	390	965	5	1,298	--	--	2,159	3,266	278	144	--	--	10,742
Onieda	743	1,033	2	517	--	--	2,187	2,361	466	293	--	--	11,085
Total	2,215	5,049	30	3,124	--	--	8,920	13,167	1,751	857	--	--	47,063
Eastern Adirondack													
Essex	6,058	6,628	9	955	24	--	14,107	7,673	2,111	607	--	--	51,356
Hamilton	1,820	3,053	--	947	--	--	5,781	5,471	1,103	706	--	--	27,162
Warren	1,194	1,513	522	514	--	--	4,174	2,826	1,017	106	--	--	15,441
Total	9,072	11,193	531	2,416	24	--	24,062	15,970	4,231	1,419	--	--	93,959
Southwest Highlands													
Allegany	--	24	49	152	31	56	747	619	241	30	--	62	3,521
Cattaraugus	--	140	33	1,189	15	69	1,885	1,756	457	143	--	69	7,943
Chautauqua	--	9	--	61	--	--	71	111	3	1	--	22	438
Steuben	28	15	135	199	10	16	1,039	1,498	969	263	--	13	6,391
Total	28	188	216	1,601	55	142	3,742	3,984	1,670	438	--	165	18,293
South-Central Highlands													
Broome	0	36	91	292	1	--	401	1,729	799	85	--	32	4,696
Chemung	2	9	75	6	--	--	467	572	392	19	--	--	2,622
Chenango	--	229	142	542	9	--	1,351	2,209	225	80	--	61	6,132
Cortland	--	79	87	397	36	--	1,046	514	--	--	--	96	2,961

Delaware	2	31	21	102	2	--	271	465	46	3	--	2	1,184
Otsego	10	14	13	29	0	--	98	159	90	8	--	--	611
Schuyler	51	20	5	108	4	--	347	219	83	13	--	10	1,356
Tioga	--	--	19	109	--	--	366	469	307	137	--	8	2,004
Tompkins	--	20	134	261	3	--	404	161	386	92	70	182	2,646
Total	65	439	587	1,846	55	--	4,752	6,496	2,330	436	70	393	24,212
Capitol District													
Albany	43	35	23	53	--	--	365	145	112	10	--	--	1,057
Columbia	9	3	11	8	--	--	34	36	73	--	--	--	201
Montgomery	36	10	--	67	--	--	58	178	59	--	--	--	679
Rensselaer	254	404	266	379	--	--	1,578	2,482	1,681	22	--	--	8,430
Saratoga	1,236	2,198	459	1,117	--	--	6,703	6,182	3,547	470	--	--	28,600
Schenectady	16	22	0	8	--	--	46	47	11	7	--	--	236
Washington	364	228	364	272	--	--	2,604	1,614	1,397	66	--	--	9,215
Total	1,958	2,900	1,123	1,904	--	--	11,388	10,683	6,880	576	--	--	48,418
Catskill-Lower Hudson													
Dutchess	--	--	2	1	--	--	8	14	11	--	--	--	43
Greene	9	58	23	17	0	--	139	43	87	17	--	--	518
Schoharie	17	15	25	58	--	--	310	214	170	6	0	--	1,125
Sullivan	--	10	26	--	3	--	27	104	30	36	--	0	292
Ulster	2	22	33	0	2	--	100	111	56	35	1	1	475
Total	28	105	109	77	5	--	583	487	353	93	2	1	2,453
State total	22,513	33,724	2,765	16,531	369	368	114,541	81,207	22,733	6,997	71	676	410,914

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 18.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Ohio, 2007

Forest Inventory Unit and county[a]	All species	Softwood: Hemlock	Softwood: Loblolly/ shortleaf pine	Softwood: Red pine	Softwood: White pine	Softwood: Other pine	Softwood: Total softwoods	Hardwood: Ash	Hardwood: Aspen/ balsam poplar	Hardwood: Bass-wood	Hardwood: Beech	Hardwood: Other birch	Hardwood: Black cherry
South-Central													
Adams	195	--	--	--	--	14	14	15	--	7	9	--	3
Gallia	12,244	--	--	120	228	397	744	588	39	--	462	27	169
Highland	1,067	--	--	--	13	--	13	136	--	--	53	--	37
Jackson	53,885	--	937	--	9,544	4,371	14,852	1,154	1,283	10	189	--	1,465
Lawrence	7,387	--	--	--	130	99	229	203	160	--	169	--	99
Pike	22,613	--	--	240	701	2,137	3,078	302	262	800	608	--	836
Ross	45,446	--	--	--	22,269	6,589	28,859	1,183	--	90	325	--	915
Scioto	24,094	--	108	--	515	681	1,305	297	61	139	220	--	656
Total	166,932	--	1,045	360	33,401	14,289	49,095	3,878	1,805	1,047	2,034	27	4,179
Southeastern													
Athens	15,422	--	--	--	1,479	455	1,934	1,299	629	240	544	--	226
Hocking	22,273	--	--	--	5,492	4,223	9,715	140	481	8	572	19	645
Meigs	12,211	--	54	--	2,235	4,710	6,999	186	94	--	47	9	25
Morgan	3,388	--	--	30	451	--	481	184	41	8	58	--	99
Perry	3,205	--	--	--	--	81	81	28	582	18	37	1	216
Vinton	37,147	--	239	--	50	10,557	10,847	336	754	412	1,086	--	863
Washington	6,683	--	211	--	--	2,960	3,171	97	109	17	177	--	90
Total	100,328	--	504	30	9,707	22,986	33,227	2,271	2,690	702	2,520	29	2,164
East-Central													
Blmont	2,778	--	--	--	--	127	127	255	12	40	98	--	624
Carroll	3,465	--	--	--	23	13	36	292	56	--	22	--	629
Coshocton	6,038	--	--	--	47	227	274	331	280	251	592	45	489
Guernsey	7,111	--	--	63	1,380	93	1,536	240	881	12	286	--	811
Harrison	4,786	--	--	251	1,126	--	1,377	115	215	--	31	--	726
Holmes	4,239	--	--	--	205	--	205	1,079	141	53	57	--	618
Jefferson	1,950	--	--	--	--	--	--	57	63	71	11	--	803
Monroe	4,365	--	--	--	655	178	834	129	--	72	66	--	337
Muskingum	11,835	--	--	--	3,727	242	3,968	689	870	100	418	--	506
Noble	4,005	--	--	360	1,506	48	1,914	165	208	96	1	--	210
Tuscarawas	7,670	--	--	23	863	--	887	75	420	--	110	6	481
Total	58,241	--	--	698	9,532	929	11,158	3,428	3,145	695	1,689	51	6,232
Northeastern													
Ashland	4,418	89	--	346	667	--	1,103	484	150	64	41	--	348
Columbiana	2,132	22	--	--	198	8	227	87	101	86	25	17	201
Cuyahoga	781	--	--	--	--	--	--	45	--	49	40	--	89
Erie	119	--	--	--	--	--	--	19	--	12	--	--	2
Geauga	1,202	--	--	--	--	--	--	82	51	22	78	--	190
Huron	673	--	--	--	--	--	--	99	19	47	8	--	52

Lorain	871	--	--	--	--	--	--	92	--	66	23	--	17
Mahoning	953	--	--	--	--	--	--	52	8	--	9	--	115
Medina	1,796	--	--	--	467	16	483	445	--	53	66	--	79
Portage	1,539	--	--	--	118	--	118	134	136	37	46	--	366
Richland	5,488	--	--	3,263	--	--	3,263	563	42	48	52	--	135
Stark	2,264	--	--	--	--	--	--	126	428	107	81	--	370
Summit	639	--	--	--	--	--	--	43	5	--	76	--	119
Trumbull	1,689	--	--	--	--	62	62	40	88	14	11	17	192
Wayne	2,881	142	--	--	--	--	142	210	--	--	290	24	254
Total	27,445	252	--	3,610	1,450	86	5,398	2,521	1,029	604	846	57	2,530
Southwestern													
Fairfield	1,552	--	--	--	--	13	13	85	18	--	59	70	105
Franklin	180	--	--	--	--	--	--	10	9	--	3	--	--
Licking	3,769	--	--	--	168	--	168	366	87	94	1	--	360
Madison	130	--	--	--	--	--	--	26	--	--	--	--	17
Pickaway	802	--	2	5	67	57	132	63	--	--	--	--	18
Total	6,433	--	2	5	236	70	313	550	113	94	62	70	500
Northwestern													
Crawford	139	--	--	--	--	--	--	21	--	3	23	--	--
Delaware	95	--	--	--	--	--	--	32	--	--	--	--	6
Knox	4,158	--	--	--	1,812	--	1,812	286	76	--	21	--	481
Marion	205	--	--	--	--	--	--	23	--	5	--	--	--
Morrow	1,072	--	--	7	--	--	7	295	--	28	29	--	30
Sandusky	70	--	--	--	--	--	--	32	--	24	--	--	--
Seneca	190	--	--	--	--	--	--	40	--	29	2	--	8
Union	57	--	--	--	--	--	--	32	--	--	--	--	--
Williams	2,312	--	--	537	96	--	633	--	--	602	--	--	--
Wood	3,407	--	--	--	--	3,398	3,398	3	--	1	--	--	0
Wyandot	188	--	--	--	--	--	--	76	--	17	1	--	12
Total	11,894	--	--	543	1,908	3,398	5,850	841	76	709	76	--	537
State total	371,274	252	1,551	5,246	56,234	41,757	105,041	13,489	8,858	3,850	7,227	233	16,142

(Table 18 continued on next page)

(Table 18 continued)

Forest Inventory Unit and county[a]	Hardwood													
	Black walnut	Cotton-wood	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Sweet-gum	Syca-more	Tupelo/ gum	Yellow-poplar	Other hard-woods	Total hardwoods
South-Central														
Adams	--	--	5	14	15	18	16	24	--	4	2	42	8	181
Gallia	27	--	264	2,073	1,484	804	1,891	1,321	--	120	15	1,302	912	11,499
Highland	--	--	44	97	86	40	94	139	--	154	9	125	42	1,054
Jackson	12	--	1,203	3,760	816	5,974	2,604	5,235	--	1,119	306	12,131	1,773	39,034
Lawrence	29	--	164	283	387	502	671	1,808	5	217	42	2,166	254	7,157
Pike	2	--	203	1,871	3,431	3,203	1,735	2,824	--	138	107	2,893	321	19,535
Ross	48	58	225	1,856	2,695	966	1,078	3,054	--	449	176	2,344	1,123	16,587
Scioto	18	--	70	1,915	929	2,263	3,791	7,691	20	470	247	3,581	421	22,790
Total	136	58	2,178	11,869	9,843	13,771	11,880	22,096	25	2,671	904	24,584	4,852	117,838
Southeastern														
Athens	17	--	742	1,019	1,169	700	1,113	1,510	--	465	93	3,062	660	13,488
Hocking	18	12	217	833	775	2,158	1,414	2,181	0	655	28	2,045	359	12,558
Meigs	45	9	103	474	302	798	242	530	--	176	116	1,523	532	5,212
Morgan	38	29	165	150	335	250	101	61	--	27	21	1,171	169	2,906
Perry	17	9	303	44	72	402	80	64	1	38	34	1,091	87	3,124
Vinton	22	--	159	1,361	1,295	2,502	3,476	7,157	0	296	656	5,630	295	26,300
Washington	52	--	83	212	311	222	406	613	--	31	16	732	343	3,512
Total	208	58	1,773	4,093	4,259	7,032	6,833	12,117	2	1,687	963	15,255	2,445	67,101
East-Central														
Belmont	11	40	376	60	131	262	61	49	--	27	--	449	155	2,651
Carroll	--	--	41	151	57	773	463	289	--	--	107	368	182	3,429
Coshocton	47	122	153	256	168	975	377	163	3	76	34	978	425	5,764
Guernsey	100	--	219	293	82	647	397	441	--	4	82	835	246	5,575
Harrison	91	9	396	127	60	422	156	78	--	2	46	767	170	3,410
Holmes	65	12	104	258	189	236	193	226	--	71	142	254	332	4,033
Jefferson	2	--	143	40	32	403	93	35	--	52	19	86	41	1,950
Monroe	42	--	180	149	315	428	282	141	--	178	17	1,000	194	3,532
Muskingum	160	--	553	393	238	839	488	168	--	1,208	71	972	193	7,867
Noble	9	29	172	99	201	279	115	175	--	39	2	194	95	2,091
Tuscarawas	43	348	224	185	118	1,556	382	331	5	56	74	1,998	371	6,783
Total	570	560	2,562	2,011	1,591	6,820	3,008	2,097	8	1,714	595	7,902	2,404	47,083
Northeastern														
Ashland	55	--	272	165	417	573	302	241	--	--	11	--	192	3,316
Columbiana	17	45	41	36	112	487	108	9	--	--	71	250	212	1,904
Cuyahoga	--	20	35	41	71	131	162	27	--	--	--	53	18	781
Erie	19	3	16	11	--	17	15	--	--	--	--	--	5	119
Geauga	38	--	48	88	113	399	34	1	--	--	1	33	21	1,202
Huron	8	52	13	98	16	59	127	75	--	--	--	1	--	673

Lorain	3	49	21	111	26	275	96	42	--	6	--	29	14	871
Mahoning	--	--	37	22	22	397	147	138	--	--	1	--	5	953
Medina	13	112	17	16	64	268	15	25	--	--	--	140	--	1,313
Portage	--	--	43	117	48	257	43	25	--	56	26	47	38	1,420
Richland	156	25	155	174	332	169	161	90	--	--	8	5	110	2,224
Stark	13	--	120	111	5	412	240	53	--	4	8	43	143	2,264
Summit	--	4	14	6	20	56	106	23	--	20	8	135	5	639
Trumbull	--	11	86	78	4	653	326	48	--	--	8	12	40	1,627
Wayne	22	--	49	124	58	552	221	63	--	276	--	541	56	2,740
Total	344	321	966	1,198	1,308	4,706	2,105	862	--	362	142	1,288	860	22,047
Southwestern														
Fairfield	26	--	34	107	119	177	185	79	--	18	15	386	57	1,539
Franklin	38	--	1	1	9	12	14	14	--	44	--	--	26	180
Licking	98	23	76	219	502	314	297	381	--	438	28	38	281	3,601
Madison	14	--	0	1	--	2	38	--	--	--	--	--	31	130
Pickaway	4	27	20	38	14	172	19	261	--	--	--	--	33	671
Total	179	50	132	367	644	677	552	735	--	500	43	424	427	6,120
Northwestern														
Crawford	--	--	6	37	29	--	15	1	--	--	--	--	4	139
Delaware	9	--	2	18	8	2	--	--	--	--	--	--	19	95
Knox	70	253	184	86	102	260	146	78	--	16	--	192	95	2,345
Marion	--	39	9	10	--	75	43	--	--	3	--	--	--	205
Morrow	67	5	92	49	126	232	29	20	--	--	--	36	28	1,066
Sandusky	9	--	1	1	0	--	2	--	--	--	--	--	--	70
Seneca	12	--	8	17	26	29	5	6	--	--	--	--	10	190
Union	6	6	--	1	0	--	7	2	--	--	--	--	1	57
Williams	--	516	90	--	--	379	--	--	--	--	--	--	92	1,679
Wood	--	--	--	1	0	1	0	2	--	--	--	--	--	9
Wyandot	7	--	9	38	18	8	--	--	--	--	--	--	2	188
Total	180	818	401	257	310	985	247	110	--	19	--	227	251	6,044
State total	1,617	1,866	8,011	19,796	17,955	33,991	24,625	38,017	35	6,953	2,647	49,680	11,240	266,233

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 19.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, Pennsylvania, 2007

Forest Inventory Unit and county[a]	All species	Softwood							Hardwood						
		Hemlock	Loblolly/ shortleaf pine	Red pine	White pine	Other pine	Spruce	Total sofwoods	Ash	Aspen/ balsam poplar	Bass-wood	Beech	White birch	Yellow birch	Other birch
South Central															
Dauphin	6,545	176	--	--	15	33	--	224 --	345	--	40	6	--	--	598
Franklin	14,706	356	--	--	--	113	--	469 --	810	--	597	159	--	127	586
Fulton	5,500	138	--	--	832	969	--	1,938 --	183	25	135	19	--	--	162
Huntingdon	31,356	4,067	--	40	3,671	3,349	285	11,413 --	937	212	396	37	--	122	991
Juniata	8,627	583	322	--	374	844	--	2,123 --	188	20	408	124	--	--	591
Mifflin	4,125	163	--	--	261	9	--	432 --	27	--	14	--	--	4	300
Perry	2,063	505	--	--	304	205	--	1,014 --	45	--	13	13	--	--	64
Snyder	6,947	844	--	--	661	714	--	2,218 --	618	40	28	36	--	--	477
Union	8,035	534	--	9	254	--	--	797 --	548	--	296	130	72	166	1,113
Total	87,905	7,365	322	49	6,371	6,236	285	20,628 --	3,701	298	1,927	524	72	418	4,883
Western															
Allegheny	5,857	--	--	--	--	3,308	--	3,308 --	107	6	--	235	--	--	55
Armstrong	4,693	103	--	59	4	46	--	212 --	267	198	104	73	--	6	185
Beaver	992	--	--	--	78	1	--	79 --	15	4	--	24	--	--	15
Butler	4,328	--	--	--	129	--	--	129 --	58	284	12	--	--	--	30
Crawford	10,398	--	--	10	251	50	--	311 --	362	1,271	350	250	--	116	--
Erie	3,480	--	--	--	15	20	--	35 --	319	264	77	143	--	35	--
Greene	4,738	--	--	--	25	--	--	25 --	364	112	25	28	--	--	--
Indiana	9,453	985	--	63	265	257	--	1,570 --	121	317	373	244	--	47	232
Lawrence	529	--	--	--	1	--	--	1 --	13	--	12	19	--	4	6
Mercer	11,508	581	--	226	1,001	572	--	2,381 --	156	314	110	188	--	37	--
Washington	2,748	--	--	--	--	13	--	13 --	291	48	17	50	--	--	13
Westmoreland	5,404	--	--	7	9	16	--	31 --	70	196	72	5	--	--	159
Total	64,128	1,670	--	364	1,779	4,283	--	8,095 --	2,144	3,016	1,151	1,261	--	245	695
North Central/Allegheny															
Cameron	15,716	57	--	10	104	6	--	177 --	791	175	282	294	2	119	1,804
Centre	38,003	1,713	--	6	667	631	7	3,024 --	370	757	1,262	4	--	198	1,486
Clarion	9,208	1,481	--	--	511	379	--	2,371 --	135	358	15	403	--	12	527
Clearfield	48,201	9,225	--	692	4,504	307	32	14,761 --	487	1,170	762	742	0	100	2,112
Clinton	18,989	96	--	--	223	106	--	425 --	838	137	445	14	127	137	1,654
Elk	44,816	6,160	--	467	2,779	83	3	9,491 --	1,090	150	380	1,929	--	425	1,729
Forest	10,941	203	--	--	316	--	--	518 --	141	110	--	594	--	120	506
Jefferson	25,786	4,562	--	1,575	2,116	177	812	9,242 --	780	295	249	646	--	99	928
Lycoming	26,387	4,393	--	648	2,846	223	5	8,114 --	989	137	503	627	102	345	1,378
Mc Kean	119,282	3,094	--	--	1,692	--	--	4,786 --	5,507	963	2,318	5,912	--	2,281	3,588
Potter	38,985	452	--	390	61	4	--	907 --	2,751	758	748	2,493	3	599	1,843
Sullivan	7,176	1,940	--	--	261	473	--	2,673 --	402	41	127	302	--	133	269
Tioga	13,201	1,847	--	1,021	511	1	2	3,383 --	1,270	502	281	402	236	110	407
Venango	4,945	86	--	148	66	73	1	374 --	41	88	51	94	--	13	232
Warren	24,819	601	--	--	316	--	--	917 --	815	427	492	2,150	--	240	899
Total	446,454	35,910	--	4,958	16,972	2,463	861	61,163 --	16,407	6,070	7,915	16,605	471	4,930	19,364

Southwestern																
Bedford	36,885	1,370	93	--	2,453	5,774	--	9,689	--	920	136	245	13	--	--	738
Blair	6,784	455	--	67	548	18	--	1,088	--	310	4	119	67	--	13	476
Cambria	31,195	2,419	--	--	470	--	1,448	4,336	--	440	923	991	1,498	--	374	862
Fayette	5,914	8	--	--	42	21	8	79	--	76	14	316	23	--	5	155
Somerset	27,571	450	--	22	497	130	297	1,397	--	605	170	485	615	0	125	560
Total	108,350	4,702	93	90	4,011	5,942	1,753	16,590	--	2,352	1,247	2,156	2,215	0	517	2,791
Northeastern/Pocono																
Bradford	6,228	620	--	2	317	16	--	955	--	679	355	228	232	11	17	125
Carbon	2,351	1,283	--	5	386	90	6	1,769	--	--	12	--	29	--	--	17
Columbia	10,399	2,003	--	--	546	407	3	2,959	--	214	33	--	6	--	--	462
Lackawanna	3,338	21	--	--	--	8	--	29	--	236	203	9	175	--	15	79
Luzerne	9,425	1,417	--	--	872	123	--	2,412	--	239	213	187	56	43	83	719
Monroe	1,919	100	--	--	75	15	7	198	--	61	6	5	107	--	23	46
Montour	511	--	--	--	--	--	--	--	--	16	6	--	--	--	--	48
Northumberland	8,180	11	--	--	1	5	--	17	--	464	99	97	--	1	--	753
Pike	28	3	--	--	5	1	--	9	--	1	--	--	0	--	0	1
Schuylkill	12,939	620	--	--	175	58	11	864	--	546	508	245	78	2	3	1,109
Susquehanna	6,970	946	--	5	283	29	84	1,346	--	752	99	314	426	--	134	168
Wayne	6,595	502	--	13	5	6	3	529	--	680	123	176	419	--	216	461
Wyoming	2,397	137	--	--	74	--	12	223	--	197	84	27	156	133	39	105
Total	71,280	7,662	--	24	2,739	758	125	11,308	--	4,083	1,740	1,289	1,685	189	531	4,094
Southeastern																
Adams	6,197	97	--	--	968	203	--	1,268	--	208	--	--	72	--	--	146
Berks	4,293	76	--	--	--	--	234	311	--	633	33	--	2	--	4	89
Bucks	1,035	81	--	--	--	165	--	245	--	116	11	11	14	--	2	10
Chester	3,298	--	--	--	261	--	--	261	--	202	49	--	43	--	--	56
Cumberland	921	--	--	--	198	143	--	342	--	1	10	--	--	--	--	1
Delaware	2,220	335	--	35	185	70	38	663	--	1,380	--	--	--	--	--	--
Lancaster	2,507	17	--	2	10	4	2	34	--	255	--	--	83	--	--	245
Lebanon	10,583	204	--	--	--	227	76	507	--	854	180	--	29	--	109	739
Lehigh	894	--	--	5	15	--	--	20	--	143	--	--	--	--	--	53
Montgomery	208	45	--	5	25	9	5	89	--	35	--	1	--	--	--	--
York	9,205	2,277	--	--	245	--	748	3,269	--	213	45	161	--	--	--	34
Total	41,362	3,132	--	47	1,907	821	1,103	7,009	--	4,042	328	173	243	--	115	1,375
State total	819,478	60,440	415	5,531	33,779	20,502	4,127	124,794	--	32,729	12,699	14,612	22,534	732	6,756	33,202

(Table 198 continued on next page)

(Table 19 continued)

Forest Inventory Unit and county[a]	Hardwood														
	Black cherry	Black walnut	Cotton-wood	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Sweet-gum	Syca-more	Tupelo/ gum	Yellow-poplar	Other hard-woods	Total hardwoods
South Central															
Dauphin	171	52	--	4	137	187	514	1,552	1,436	--	--	113	1,086	84	6,322
Franklin	807	253	--	27	1,403	667	777	2,071	3,695	--	--	395	1,375	487	14,237
Fulton	107	1	--	59	237	173	221	916	1,022	--	--	92	70	140	3,562
Huntingdon	917	104	--	357	914	970	2,097	3,847	5,340	215	--	290	1,225	972	19,943
Juniata	164	31	--	313	244	415	605	1,092	837	--	276	147	670	379	6,504
Mifflin	--	--	--	--	76	--	383	1,214	1,560	17	--	69	30	--	3,693
Perry	16	16	--	2	68	16	107	280	295	--	--	25	49	39	1,049
Snyder	98	93	--	2	72	296	588	943	1,047	--	28	70	215	78	4,729
Union	243	10	--	23	73	31	991	1,597	1,383	--	--	83	481	--	7,239
Total	2,523	560	--	786	3,223	2,755	6,282	13,512	16,616	231	303	1,285	5,200	2,179	67,277
Western															
Allegheny	838	11	--	112	17	85	318	377	125	--	--	4	44	215	2,549
Armstrong	893	20	--	40	219	290	719	551	197	271	15	35	182	217	4,481
Beaver	307	9	--	79	45	101	92	91	28	--	15	7	0	80	913
Butler	808	--	--	23	33	13	1,430	851	179	72	--	29	283	93	4,198
Crawford	787	--	--	264	68	327	4,177	241	353	8	66	36	1,015	396	10,087
Erie	546	2	--	27	52	501	1,008	64	51	--	12	11	167	167	3,446
Greene	648	92	--	296	284	461	892	212	220	--	10	32	805	233	4,712
Indiana	1,257	4	--	143	143	621	1,164	678	257	136	18	29	1,807	291	7,883
Lawrence	51	11	--	31	15	16	168	61	6	--	50	28	5	34	529
Mercer	1,157	--	6	308	292	293	4,486	664	102	114	--	34	310	556	9,128
Washington	742	44	--	354	68	249	352	103	103	--	1	--	146	153	2,735
Westmoreland	479	9	--	236	21	116	1,598	231	165	--	15	93	1,444	462	5,372
Total	8,512	202	6	1,913	1,256	3,073	16,404	4,123	1,786	601	203	336	6,208	2,898	56,033
North Central/Allegheny															
Cameron	1,232	--	--	--	61	821	4,153	2,825	2,777	--	--	46	--	159	15,539
Centre	1,447	16	--	19	1,056	976	8,591	7,765	9,908	104	--	223	194	604	34,979
Clarion	1,116	1	--	1	82	60	2,045	1,312	609	22	--	16	6	119	6,837
Clearfield	4,251	--	2	5	272	3,608	9,994	4,789	3,407	262	--	179	92	1,207	33,441
Clinton	167	4	--	55	168	514	4,219	4,211	5,164	87	--	238	167	216	18,564
Elk	10,441	--	--	3	97	1,975	10,792	3,333	1,066	434	--	205	435	839	35,324
Forest	2,209	--	--	--	26	219	3,978	1,466	834	33	--	23	68	94	10,423
Jefferson	3,116	--	--	--	10	882	5,747	1,767	1,143	235	--	27	382	238	16,544
Lycoming	1,382	0	--	1	347	1,218	4,202	2,477	4,001	120	--	160	235	46	18,272
Mc Kean	36,613	--	--	136	690	15,085	35,647	3,055	280	1,252	--	--	289	879	114,496
Potter	6,313	--	--	28	--	9,312	10,662	2,114	122	14	4	--	104	210	38,078
Sullivan	1,070	--	--	--	44	271	1,431	185	110	4	--	--	107	7	4,503
Tioga	739	--	--	35	299	1,900	1,881	1,175	500	2	--	2	64	11	9,818
Venango	983	--	--	15	91	92	1,351	847	484	52	--	6	65	65	4,571
Warren	4,229	--	--	37	294	2,934	7,246	2,199	1,376	109	--	51	158	244	23,902
Total	75,307	22	2	334	3,535	39,868	111,939	39,519	31,781	2,731	4	1,177	2,367	4,939	385,290

Southwestern															
Bedford	2,003	9	130	370	1,115	2,883	3,027	5,586	5,240	--	21	303	1,652	2,807	27,196
Blair	778	4	--	154	169	331	1,008	1,126	708	15	--	73	152	189	5,696
Cambria	6,390	--	--	187	342	2,862	7,262	2,326	1,255	--	--	10	131	1,007	26,859
Fayette	893	--	--	95	24	101	1,742	443	610	--	77	110	823	327	5,834
Somerset	6,422	4	--	127	576	2,110	7,501	2,642	1,004	--	--	141	1,120	1,966	26,174
Total	16,485	17	130	934	2,226	8,288	20,539	12,123	8,817	15	98	636	3,877	6,296	91,759
Northeastern/Pocono															
Bradford	420	--	--	15	118	1,152	950	769	143	--	--	--	2	55	5,273
Carbon	22	--	--	--	0	0	209	85	187	--	--	9	--	11	582
Columbia	585	--	--	--	299	25	1,197	895	3,112	--	--	129	451	32	7,440
Lackawanna	132	--	--	4	70	331	968	464	435	11	--	19	128	31	3,308
Luzerne	235	--	--	5	127	307	1,590	1,242	1,589	7	--	88	148	135	7,013
Monroe	91	1	--	--	48	8	554	163	388	--	1	87	79	53	1,722
Montour	9	8	--	17	12	8	54	212	120	--	--	--	--	--	511
Northumberland	548	26	--	71	255	159	1,225	1,865	1,908	--	137	101	404	52	8,163
Pike	--	--	--	--	1	1	4	3	7	--	--	--	--	--	20
Schuylkill	60	26	--	--	135	5	1,666	1,827	4,386	--	--	347	844	289	12,076
Susquehanna	523	--	--	3	227	796	1,651	295	230	--	--	--	5	--	5,624
Wayne	557	--	--	10	24	1,046	1,979	123	204	--	--	--	49	--	6,067
Wyoming	84	--	--	2	11	327	793	153	36	--	--	1	14	10	2,174
Total	3,265	61	--	128	1,326	4,166	12,841	8,097	12,747	18	138	782	2,124	668	59,972
Southeastern															
Adams	283	39	--	--	537	3	391	1,125	1,623	--	--	124	218	159	4,929
Berks	171	137	--	3	172	5	429	468	430	--	4	59	1,219	127	3,983
Bucks	38	5	--	16	61	63	51	155	86	63	6	1	58	20	790
Chester	38	114	--	15	206	14	317	579	147	--	--	32	1,212	11	3,036
Cumberland	7	--	--	--	11	--	26	209	267	--	--	20	16	11	580
Delaware	33	69	--	--	76	--	--	--	--	--	--	--	--	--	1,557
Lancaster	50	11	--	14	97	--	227	288	608	--	--	23	490	81	2,473
Lebanon	398	51	--	23	160	33	1,432	1,889	2,314	--	--	207	1,112	546	10,077
Lehigh	29	91	--	--	44	50	12	261	34	--	19	--	99	38	873
Montgomery	--	14	--	0	17	1	2	28	2	--	--	--	9	9	119
York	470	90	--	17	466	29	114	857	536	--	--	80	2,705	116	5,936
Total	1,518	622	--	88	1,847	197	3,001	5,860	6,048	63	28	546	7,139	1,117	34,352
State total	107,611	1,484	137	4,183	13,414	58,348	171,006	83,235	77,794	3,660	774	4,762	26,915	18,097	694,684

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 20.--Pulpwood production from roundwood, in standard cords, unpeeled, by Forest Inventory Unit, county, and species group, West Virginia, 2007

Forest Inventory Unit and county[a]	All species	Softwood							Hardwood					
		Hemlock	Shortleaf/ loblolly pine	Red pine	White pine	Other pine	Spruce	Total softwoods	Ash	Aspen/ balsam poplar	Bass-wood	Beech	Yellow birch	Other birch
Northeastern														
Barbour	4,252	--	--	--	--	--	--	--	65	61	171	8	2	157
Berkeley	94	--	--	--	--	--	--	--	10	--	4	--	--	--
Braxton	14,693	5	--	--	69	--	--	74	223	--	589	419	24	420
Grant	21,030	11	--	--	3	74	--	88	620	195	3,927	443	85	247
Hampshire	24,525	704	109	--	1,787	5,580	--	8,179	244	11	171	57	--	93
Hardy	14,694	420	13	--	1,690	1,721	--	3,845	200	--	805	--	--	120
Harrison	8,112	2	--	--	2	1	2	8	225	120	10	110	--	--
Jefferson	71	--	--	--	--	--	--	--	16	--	3	--	--	--
Lewis	4,444	--	--	--	--	8	--	8	9	89	--	17	--	104
Mineral	13,829	287	302	--	--	3,087	--	3,676	549	--	597	--	--	7
Morgan	14,256	--	--	--	742	4,826	--	5,569	242	--	--	--	24	19
Pendleton	5,513	174	--	--	157	149	106	586	123	--	362	108	95	358
Pocahontas	31,064	295	15	--	337	21	365	1,032	217	419	7,288	616	385	3,122
Preston	21,592	17	--	28	146	--	--	190	98	73	722	755	104	854
Randolph	57,635	--	--	--	--	--	--	--	525	--	2,000	2,692	1,318	4,566
Taylor	1,838	--	--	--	--	--	--	--	19	--	34	3	--	7
Tucker	23,094	149	--	--	--	--	97	246	336	5	852	1,176	1,755	1,041
Upshur	18,385	--	--	--	26	25	--	51	13	--	132	81	60	1,311
Webster	23,700	--	--	--	--	--	--	--	61	157	3,044	465	160	1,433
Total	302,823	2,065	438	28	4,958	15,493	570	23,552	3,796	1,129	20,708	6,948	4,010	13,859
Southern														
Boone	6,979	--	--	--	--	--	--	--	1	--	615	72	0	425
Clay	5,972	--	--	--	3	20	--	24	0	--	638	6	--	326
Fayette	66,017	242	38	--	414	43	--	738	146	--	1,634	3,017	--	734
Greenbrier	104,912	62	13	--	452	83	5	615	2,154	--	1,364	4,244	1,239	1,479
Kanawha	7,293	--	--	--	18	594	--	612	44	--	892	138	--	61
Logan	1,436	--	--	--	3	--	--	3	0	--	250	9	--	62
McDowell	22,582	--	174	--	1,888	--	--	2,062	41	--	104	669	--	46
Mercer	36,346	48	327	--	3,599	17	2	3,993	188	--	772	2,535	--	216
Mingo	626	--	--	--	3	--	--	3	1	--	79	11	--	15
Monroe	7,205	--	--	--	243	190	--	433	119	--	127	189	--	293
Nicholas	56,986	486	--	--	44	17	--	547	379	--	3,276	2,193	401	1,861
Raleigh	19,526	6	--	--	160	--	--	166	287	2	691	799	24	232
Summers	5,560	--	--	--	131	--	--	131	270	--	173	138	--	33
Wyoming	24,109	--	169	--	1,839	--	--	2,008	15	--	200	660	4	108
Total	365,548	844	721	--	8,799	965	7	11,335	3,646	2	10,816	14,680	1,669	5,892
Northwestern														
Brooke	242	--	--	--	--	--	--	--	5	--	--	--	--	--

Cabell	2,567	--	--	--	--	1,573	--	1,573	47	--	1	17	--	--
Calhoun	552	--	6	--	8	75	--	88	2	3	49	1	--	--
Doddridge	8,283	--	--	--	13	31	--	44	73	620	103	170	--	5
Gilmer	2,602	--	--	--	--	51	--	51	--	--	132	--	--	34
Hancock	42	--	--	--	--	--	--	--	--	--	--	--	--	--
Jackson	6,982	--	189	--	--	3,693	--	3,882	45	11	39	32	--	--
Lincoln	180	--	--	--	3	--	--	3	0	--	2	10	--	1
Marion	9,611	--	--	--	--	--	--	--	222	890	289	46	--	--
Marshall	2,278	--	--	--	--	--	--	--	89	88	82	8	--	6
Mason	3,540	--	81	--	--	2,437	--	2,519	25	17	--	0	--	--
Monongalia	9,573	--	--	--	--	--	--	--	412	--	280	15	29	172
Ohio	1,774	--	--	--	12	--	--	12	9	--	--	7	--	--
Pleasants	157	--	--	--	--	--	--	--	--	35	13	--	--	--
Putnam	7,238	--	--	--	239	3,475	--	3,714	93	--	105	115	--	--
Ritchie	23,413	--	142	--	6,183	9,988	--	16,313	101	122	425	215	--	109
Roane	1,080	--	--	--	--	37	--	37	--	22	45	--	--	10
Tyler	1,322	--	--	--	--	433	--	433	17	39	58	14	--	5
Wayne	379	--	1	--	--	5	--	5	--	--	9	--	--	10
Wetzel	5,798	--	--	--	4	4	--	9	55	155	503	8	--	91
Wirt	22,881	--	476	--	2,356	17,741	--	20,574	21	--	--	30	--	--
Wood	5,340	--	--	--	--	3,758	--	3,758	3	266	60	4	--	--
Total	115,834	--	896	--	8,818	43,301	--	53,015	1,217	2,268	2,194	692	29	444
State total	784,205	2,909	2,055	28	22,576	59,759	577	87,903	8,659	3,399	33,718	22,320	5,708	20,195

(Table 20 continued on next page)

(Table 20 continued)

Forest Inventory Unit and county[a]	Hardwood													
	Black cherry	Black walnut	Elm	Hickory	Hard maple	Soft maple	Red oak group	White oak group	Sweet-gum	Syca-more	Tupelo/ gum	Yellow-poplar	Other hard-woods	Total hardwoods
Northeastern														
Barbour	208	--	20	118	247	1,131	223	237	--	--	95	1,237	271	4,252
Berkeley	6	2	0	9	--	2	19	24	--	--	--	15	3	94
Braxton	65	18	115	660	484	1,331	1,276	1,349	--	674	82	5,783	1,111	14,619
Grant	1,188	--	368	784	2,710	2,687	2,541	3,114	--	10	368	165	1,492	20,942
Hampshire	148	0	180	1,295	56	1,000	3,186	8,073	--	180	444	947	261	16,346
Hardy	27	--	28	549	306	859	2,385	4,548	--	86	374	321	242	10,850
Harrison	237	--	358	319	247	1,293	85	85	--	1,342	122	3,084	468	8,104
Jefferson	8	--	--	4	--	1	7	1	--	15	--	7	9	71
Lewis	5	--	78	53	14	1,242	39	52	--	70	125	2,086	451	4,436
Mineral	459	--	84	932	1,246	661	1,776	3,085	--	--	75	378	303	10,153
Morgan	53	--	21	229	184	661	2,401	3,944	--	262	142	336	170	8,688
Pendleton	236	--	8	206	348	454	1,184	1,120	--	16	38	--	270	4,927
Pocahontas	808	16	195	286	806	10,004	1,022	831	--	--	34	1,961	2,023	30,032
Preston	1,580	--	119	692	1,214	5,257	2,408	935	--	72	258	4,982	1,278	21,402
Randolph	5,492	--	115	1,016	3,837	17,991	2,651	3,252	--	--	227	8,293	3,661	57,635
Taylor	27	--	--	51	41	639	85	73	--	--	34	726	100	1,838
Tucker	2,584	--	321	301	1,152	3,304	1,498	1,136	--	--	226	6,048	1,114	22,847
Upshur	101	--	24	285	239	5,016	376	430	--	955	193	8,201	920	18,334
Webster	359	10	94	201	422	4,627	519	582	--	52	198	9,445	1,870	23,700
Total	13,589	46	2,130	7,987	13,554	58,162	23,681	32,872	--	3,733	3,036	54,013	16,018	279,270
Southern														
Boone	25	11	151	15	9	853	17	28	--	552	160	3,379	667	6,979
Clay	3	1	59	1	1	1,501	2	4	--	--	133	2,703	569	5,948
Fayette	878	294	37	2,173	1,549	8,907	5,008	6,150	--	203	522	32,197	1,830	65,279
Greenbrier	5,327	246	119	4,581	2,757	12,249	14,652	17,853	--	120	441	29,378	6,094	104,297
Kanawha	30	5	181	204	118	902	360	468	--	76	126	2,388	689	6,681
Logan	4	1	12	1	1	137	3	2	--	3	22	797	128	1,433
McDowell	236	100	4	104	67	2,031	246	241	--	9	9	16,546	68	20,520
Mercer	931	375	7	526	233	7,699	1,154	1,027	--	--	68	16,223	398	32,353
Mingo	--	--	2	1	1	43	3	3	0	4	7	386	64	622
Monroe	76	2	135	512	283	319	1,388	2,149	--	--	27	663	489	6,772
Nicholas	871	156	29	1,157	1,845	9,513	2,536	4,034	37	291	665	25,328	1,866	56,439
Raleigh	338	87	--	370	450	2,853	1,133	947	--	--	73	10,107	967	19,360
Summers	90	11	59	233	290	492	997	940	--	--	72	1,232	397	5,428
Wyoming	233	99	7	94	43	2,270	237	265	--	11	28	17,414	412	22,101
Total	9,042	1,389	803	9,973	7,646	49,769	27,736	34,112	38	1,269	2,351	158,741	14,640	354,212
Northwestern														
Brooke	58	0	49	1	38	5	21	25	--	8	0	5	28	242

Cabell	10	--	18	64	95	56	106	315	--	32	13	167	51	994
Calhoun	0	--	23	10	4	70	8	14	--	18	5	206	53	464
Doddridge	56	--	32	399	240	1,703	422	550	--	20	132	3,003	711	8,239
Gilmer	--	--	131	--	--	421	--	--	--	137	22	1,424	250	2,551
Hancock	16	--	1	9	1	11	2	2	--	--	--	--	--	42
Jackson	22	--	140	155	113	370	544	697	--	26	64	639	204	3,100
Lincoln	5	1	0	2	0	42	2	7	--	3	1	95	4	176
Marion	276	--	170	347	298	2,130	661	554	--	416	43	2,451	818	9,611
Marshall	128	31	622	36	72	368	60	32	--	110	3	350	193	2,278
Mason	8	--	43	43	29	42	69	146	--	26	3	500	72	1,021
Monongalia	1,010	--	428	142	303	1,643	626	308	--	145	60	3,629	371	9,573
Ohio	21	0	841	--	42	14	7	--	--	166	--	--	655	1,762
Pleasants	--	--	16	--	--	14	--	--	--	26	0	12	41	157
Putnam	1	--	145	95	54	244	314	552	--	1	116	1,129	559	3,524
Ritchie	84	--	140	311	148	1,341	712	705	--	193	180	1,856	461	7,100
Roane	--	--	34	--	--	207	--	--	--	51	22	585	68	1,043
Tyler	9	--	35	29	21	212	27	30	--	7	20	285	82	889
Wayne	--	--	14	--	--	61	--	--	0	22	16	199	43	374
Wetzel	19	15	442	131	137	802	123	126	--	264	61	2,078	778	5,789
Wirt	14	--	89	110	52	239	272	515	--	95	5	730	137	2,308
Wood	6	--	89	10	10	376	27	50	--	87	87	149	359	1,582
Total	1,742	48	3,502	1,896	1,655	10,370	4,001	4,627	0	1,852	855	19,491	5,935	62,819
State total	24,373	1,483	6,435	19,857	22,855	118,301	55,417	71,611	38	6,854	6,241	232,245	36,593	696,302

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 21.--Average production of active wood-pulp and composite product mills by company, location, and type of product produced, Mid-Atlantic States, 2007

Product and company	Location	Product produced	Average production
Pulp mills			
Luke Paper Co., Newpage Corp.	Luke, MD	Kraft pulp (sulfate)	1,200 tons pulp/day
Finch, Pruyn & Company, Inc.	Glens Falls, NY	Sulfite pulp	123 tons pulp/day
International Paper	Ticonderoga, NY	Kraft pulp (sulfate)	590 tons pulp/day
P. H. Glatfelter Co.	Chillicothe, OH	Kraft pulp (sulfate)	1,785 tons pulp/day
Smurfit-Stone	Coshocton, OH	Semichemical pulp	470 tons pulp/day
Appleton Papers, Inc.	Roaring Spring, PA	Kraft pulp (sulfate)	200 tons pulp/day
Glatfelter	Spring Grove, PA	Kraft pulp (sulfate)	700 tons pulp/day
Weyerhaeuser Co.	Johnsonburg, PA	Kraft pulp (sulfate)	231 tons pulp/day
Composite product mills			
Great Lakes MDF	Lacawanna, NY	Medium density fiberboard	120 million ft2, 3/4-inch basis per year
Norbord Industries, Inc.	Deposit, NY	Medium density fiberboard	80 million ft2, 3/4-inch basis per year
Inca Presswood Pallets, Ltd	Dover, OH	Molded compression board	na
Clarion Boards, Inc.	Shippenville, PA	Medium density fiber board	126 million ft2, 3/4-inch basis per year
Craftmaster	Towanda, PA	Hardboard	na
Knight-Celotex, LLC	Sunbury, PA	Medium density fiber board	na
Temple-Inland	Kane, PA	Medium density fiber board	130 million ft2, 3/4-inch basis per year
Werzalit Of America, Inc.	Bradford, PA	Particleboard	na
Georgia-Pacific Corp.	Mount Hope, WV	Oriented strand board	375 million ft2, 3/4-inch basis per year
Jeld-Wen Wood Fiber	Craigsville, WV	Medium density fiberboard	20 million ft2, 3/4-inch basis per year
Weyerhaeuser Co.	Heaters, WV	Oriented strand board	300 million ft2, 3/4-inch basis per year

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Table 22.--Pulpwood production and imports, in standard cords, unpeeled, New England States, 2007

Product form, species group, and destination	Production by state[a]					Regional Total	Imports			Total receipts
	Connecticut	Maine	Massa-chusetts	New Hampshire	Vermont		Mid-Atlantic States	Canada	Total imports	
Softwood roundwood										
Cedar/juniper										
Maine	--	439	--	--	--	439	--	--	--	439
Total	--	439	--	--	--	439	--	--	--	439
Balsam fir										
Maine	13	191,558	2	21,638	11,284	224,495	--	18,858	18,858	243,352
Mid-Atlantic States	--	--	3	398	2,252	2,653	--	--	--	--
Canada	--	2,257	--	--	--	2,257	--	--	--	--
Total	13	193,816	5	22,036	13,536	229,405	--	18,858	18,858	243,352
Hemlock										
Maine	--	344,095	2,889	30,485	19,033	396,502	--	7,263	7,263	403,765
Mid-Atlantic States	237	--	696	1,407	10,142	12,482	--	--	--	--
Total	237	344,095	3,585	31,892	29,175	408,984	--	7,263	7,263	403,765
Red pine										
Maine	--	9,840	27	1,112	840	11,819	--	371	371	12,189
Total	--	9,840	27	1,112	840	11,819	--	371	371	12,189
White pine										
Maine	--	191,085	15,995	44,321	27,736	279,136	--	4,316	4,316	283,452
Mid-Atlantic States	--	--	607	835	29,111	30,552	--	--	--	--
Total	--	191,085	16,602	45,155	56,846	309,688	--	4,316	4,316	283,452
Other pine										
Maine	--	1,327	686	570	157	2,741	--	8	8	2,749
Total	--	1,327	686	570	157	2,741	--	8	8	2,749
Spruce										
Maine	28	374,018	52	25,051	14,393	413,541	--	35,810	35,810	449,351
Mid-Atlantic States	1	--	50	897	5,802	6,749	--	--	--	--
Canada	--	5,268	--	--	--	5,268	--	--	--	--
Total	29	379,286	101	25,948	20,194	425,559	--	35,810	35,810	449,351
Tamarack										
Maine	--	1,684	--	13	9	1,706	--	172	172	1,878
Total	--	1,684	--	13	9	1,706	--	172	172	1,878
Total softwood roundwood										
Maine	41	1,114,046	19,650	123,190	73,452	1,330,378	--	66,798	66,798	1,397,176
Mid-Atlantic States	238	--	1,356	3,536	47,306	52,436	--	--	--	--
Canada	--	7,526	--	--	--	7,526	--	--	--	--
Total	278	1,121,572	21,006	126,726	120,758	1,390,341	--	66,798	66,798	1,397,176
Softwood residues										
Maine	--	358,994	940	123,636	2,592	486,162	--	85,836	85,836	571,998
Southern States	518	--	--	--	--	518	--	--	--	--

Canada	--	157,628	--	--	--	157,628	--	--	--	--
Total	518	516,622	940	123,636	2,592	644,308	--	85,836	85,836	571,998
Total softwood material										
Maine	41	1,473,040	20,590	246,826	76,044	1,816,540	--	152,634	152,634	1,969,174
Mid-Atlantic States	238	--	1,356	3,536	47,306	52,436	--	--	--	--
Southern States	518	--	--	--	--	518	--	--	--	--
Canada	--	165,154	--	--	--	165,154	--	--	--	--
Total	796	1,638,193	21,946	250,362	123,350	2,034,648	--	152,634	152,634	1,969,174

(Table 22 continued on next page)

(Table 22 continued)

Product form, species group, and destination	Production by state[a]					Regional Total	Imports			Total receipts
	Connecticut	Maine	Massa-chusetts	New Hampshire	Vermont		Mid-Atlantic States	Canada	Total imports	
Hardwood roundwood										
Ash										
Maine	--	64,184	223	7,025	1,839	73,271	--	8,624	8,624	81,894
Mid-Atlantic States	145	--	1,182	2,779	2,483	6,589	--	--	--	--
Canada	--	4,685	--	1,274	364	6,323	--	--	--	--
Total	145	68,869	1,405	11,078	4,685	86,182	--	8,624	8,624	81,894
Aspen/balsam poplar										
Maine	12	464,835	806	24,796	16,976	507,424	43	194,443	194,486	701,910
Mid-Atlantic States	29	--	303	1,138	689	2,160	--	--	--	--
Canada	--	2,176	--	--	225	2,400	--	--	--	--
Total	42	467,011	1,109	25,933	17,890	511,985	43	194,443	194,486	701,910
Basswood										
Maine	--	3,974	14	539	145	4,673	--	323	323	4,996
Canada	--	334	--	46	23	402	--	--	--	--
Total	--	4,308	14	584	168	5,075	--	323	323	4,996
Beech										
Maine	--	136,660	295	14,037	3,206	154,197	--	19,083	19,083	173,280
Mid-Atlantic States	579	--	2,626	363	6,069	9,637	--	--	--	--
Canada	--	13,004	--	2,431	274	15,709	--	--	--	--
Total	579	149,664	2,921	16,830	9,549	179,543	--	19,083	19,083	173,280
Paper birch										
Maine	--	133,251	174	8,200	1,771	143,396	--	17,049	17,049	160,445
Mid-Atlantic States	175	--	905	3,444	2,891	7,416	--	--	--	--
Canada	--	12,052	--	3,058	335	15,445	--	--	--	--
Total	175	145,303	1,079	14,702	4,997	166,258	--	17,049	17,049	160,445
Yellow birch										
Maine	--	185,544	254	7,910	1,866	195,573	--	31,604	31,604	227,176
Mid-Atlantic States	231	--	1,238	2,269	3,296	7,034	--	--	--	--
Canada	--	17,908	--	2,884	463	21,255	--	--	--	--
Total	231	203,452	1,492	13,063	5,624	223,862	--	31,604	31,604	227,176
Other birch										
Maine	--	46,113	195	4,146	892	51,347	--	47,002	47,002	98,349
Mid-Atlantic States	49	--	415	1,272	531	2,267	--	--	--	--
Canada	--	195	--	71	23	288	--	--	--	--
Total	49	46,308	610	5,490	1,446	53,902	--	47,002	47,002	98,349
Black cherry										
Maine	--	3,836	83	717	331	4,966	--	410	410	5,376
Mid-Atlantic States	97	--	702	364	1,280	2,444	--	--	--	--
Canada	--	167	--	81	124	372	--	--	--	--
Total	97	4,003	785	1,162	1,734	7,782	--	410	410	5,376

Elm										
Maine	--	1,973	10	294	84	2,361	--	113	113	2,473
Canada	--	66	--	6	20	92	--	--	--	--
Total	--	2,039	10	299	104	2,452	--	113	113	2,473
Hard maple										
Maine	--	337,374	185	25,307	8,963	371,830	--	65,979	65,979	437,809
Mid-Atlantic States	486	--	2,484	3,447	8,943	15,360	--	--	--	--
Canada	--	44,673	--	4,321	1,532	50,525	--	--	--	--
Total	486	382,047	2,669	33,075	19,438	437,715	--	65,979	65,979	437,809
Soft maple										
Maine	--	476,873	1,627	31,402	4,711	514,613	--	89,646	89,646	604,259
Mid-Atlantic States	555	--	3,179	13,588	7,903	25,224	--	--	--	--
Canada	--	52,114	--	5,336	1,039	58,489	--	--	--	--
Total	555	528,987	4,806	50,325	13,652	598,325	--	89,646	89,646	604,259
Red oak										
Maine	--	50,498	877	11,112	1,319	63,806	--	5,594	5,594	69,400
Mid-Atlantic States	247	--	1,432	7,297	1,901	10,876	--	--	--	--
Canada	--	3,085	--	1,947	56	5,088	--	--	--	--
Total	247	53,583	2,309	20,356	3,275	79,769	--	5,594	5,594	69,400
White oak										
Maine	--	883	139	536	18	1,576	--	145	145	1,721
Mid-Atlantic States	67	--	297	42	697	1,103	--	--	--	--
Canada	--	27	--	73	--	101	--	--	--	--
Total	67	911	437	651	715	2,780	--	145	145	1,721
Other hardwoods										
Maine	--	51	--	--	--	51	--	3	3	54
Canada	--	3	--	3	--	6	--	--	--	--
Total	--	54	--	3	--	57	--	3	3	54

(Table 22 continued on next page)

(Table 22 continued)

Product form, species group, and destination	Production by state[a]					Regional Total	Imports			Total receipts
	Connecticut	Maine	Massa-chusetts	New Hampshire	Vermont		Mid-Atlantic States	Canada	Total imports	
Total hardwood roundwood										
Maine	12	1,906,049	4,883	136,019	42,118	2,089,081	43	480,018	480,061	2,569,142
Mid-Atlantic States	2,661	--	14,764	36,003	36,682	90,110	--	--	--	--
Canada	--	150,488	--	21,530	4,476	176,495	--	--	--	--
Total	2,673	2,056,537	19,647	193,552	83,277	2,355,686	43	480,018	480,061	2,569,142
Hardwood residues										
Maine	--	28,169	--	929	13	29,111	--	5,914	5,914	35,025
Mid-Atlantic States	25	--	2,915	19	1,026	3,984	--	--	--	--
Canada	--	12,363	--	5,160	3,607	21,130	--	--	--	--
Total	25	40,532	2,915	6,108	4,646	54,225	--	5,914	5,914	35,025
Total hardwood material										
Maine	12	1,934,218	4,883	136,947	42,131	2,118,192	43	485,932	485,975	2,604,167
Mid-Atlantic States	2,685	--	17,678	36,022	37,708	94,094	--	--	--	--
Canada	--	162,851	--	26,691	8,084	197,625	--	--	--	--
Total	2,698	2,097,069	22,561	199,660	87,923	2,409,911	43	485,932	485,975	2,604,167
Total all roundwood										
Maine	53	3,020,095	24,533	259,208	115,570	3,419,460	43	546,816	546,859	3,966,318
Mid-Atlantic States	2,898	--	16,120	39,540	83,988	142,546	--	--	--	--
Canada	--	158,014	--	21,530	4,476	184,021	--	--	--	--
Total	2,951	3,178,109	40,653	320,279	204,034	3,746,027	43	546,816	546,859	3,966,318
Total all residues										
Maine	--	387,163	940	124,565	2,605	515,273	--	91,750	91,750	607,023
Mid-Atlantic States	25	--	2,915	19	1,026	3,984	--	--	--	--
Southern States	518	--	--	--	--	518	--	--	--	--
Canada	--	169,990	--	5,160	3,607	178,758	--	--	--	--
Total	543	557,153	3,854	129,744	7,238	698,533	--	91,750	91,750	607,023
Total all wood material										
Maine	53	3,407,258	25,472	383,773	118,175	3,934,732	43	638,566	638,609	4,573,341
Mid-Atlantic States	2,923	--	19,035	39,559	85,014	146,530	--	--	--	--
Southern States	518	--	--	--	--	518	--	--	--	--
Canada	--	328,004	--	26,691	8,084	362,779	--	--	--	--
Total	3,494	3,735,263	44,507	450,023	211,273	4,444,559	43	638,566	638,609	4,573,341

[a] Vertical columns of figures under the box heading "Production by State" present the amount of roundwood cut or residue generated in each state

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less

Table 23.--Pulpwood production from roundwood, in thousand standard cords, unpeeled, by state and species group, New Englsnd States, 2005-2007

	All species			Spruce/balsam fir			Pine		
State	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**
Connecticut	4	2	3	0	0	0	2	1	--
Maine	3,099	2,929	3,178	571	577	573	203	189	202
Massachusetts	47	33	41	0	0	0	22	17	17
New Hampshire	544	382	320	70	56	48	105	76	47
Rhode Island	0	0	--	--	--	--	0	0	--
Vermont	258	175	204	35	37	34	57	26	58
Total New England States	3,952	3,521	3,746	675	669	655	390	309	324

	Other sofwoods			Aspen/balsam poplar			Beech		
State	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**
Connecticut	1	1	0	0	0	0	0	0	1
Maine	307	277	346	453	414	467	169	175	150
Massachusetts	7	8	4	3	1	1	1	1	3
New Hampshire	32	65	32	66	19	26	16	16	17
Rhode Island	0	0	0	0	--	--	0	0	--
Vermont	27	31	29	37	10	18	5	6	10
Total New England States	375	382	411	560	445	512	191	198	180

	Birch			Maple			Other hardwoods		
State	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**	**2005**	**2006**	**2007**
Connecticut	0	0	0	0	0	1	0	0	1
Maine	394	356	395	874	810	911	126	130	134
Massachusetts	3	1	3	10	3	7	1	1	5
New Hampshire	64	39	33	179	93	83	12	18	34
Rhode Island	0	0	--	0	0	--	0	0	--
Vermont	23	15	12	68	42	33	6	8	11
Total New England States	485	412	444	1,131	948	1,036	146	157	184

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 24.--Pulpwood production, in standard cords, unpeeled, by mill type, product form, state of origin, and species group, New England States, 2007

Product form and species group	State of origin for pulp products						State of origin for composite products
	All States	Connecticut	Maine	Massachusetts	New Hampshire	Vermont	Maine
Softwood roundwood							
Ceder/juniper	439	--	439	--	--	--	--
Balsam fir	223,455	13	187,865	5	22,036	13,536	5,950
Hemlock	407,703	237	342,815	3,585	31,892	29,175	1,281
Jack pine	1	--	1	--	--	--	--
Red pine	11,116	--	9,136	27	1,112	840	703
White pine	309,688	--	191,085	16,602	45,155	56,846	--
Other pine	2,740	--	1,326	686	570	157	--
Spruce	414,875	29	368,602	101	25,948	20,194	10,684
Tamarack	1,081	--	1,058	--	13	9	625
Total softwood roundwood	1,371,097	278	1,102,328	21,006	126,726	120,758	19,243
Hardwood roundwood							
Ash	86,182	145	68,869	1,405	11,078	4,685	--
Aspen/balsam poplar	355,733	42	310,759	1,109	25,933	17,890	156,251
Basswood	5,075	--	4,308	14	584	168	--
Beech	178,978	579	149,099	2,921	16,830	9,549	565
White birch	165,192	175	144,238	1,079	14,702	4,997	1,066
Yellow birch	222,358	231	201,948	1,492	13,063	5,624	1,504
Other birch	53,893	49	46,299	610	5,490	1,446	9
Black cherry	7,782	97	4,003	785	1,162	1,734	--
Elm	2,452	--	2,039	10	299	104	--
Hard maple	434,631	486	378,963	2,669	33,075	19,438	3,084
Soft maple	584,065	555	514,726	4,806	50,325	13,652	14,260
Red oak group	79,769	247	53,583	2,309	20,356	3,275	--
White oak group	2,780	67	911	437	651	715	--
Other hardwoods	57	--	54	--	3	--	--
Total hardwood roundwood	2,178,946	2,673	1,879,798	19,647	193,552	83,277	176,740
Total Roundwood	3,550,043	2,951	2,982,126	40,653	320,279	204,034	195,983
Residues							
Softwood	644,308	518	516,622	940	123,636	2,592	--
Hardwood	54,225	25	40,532	2,915	6,108	4,646	--
Total residues	698,533	543	557,153	3,854	129,744	7,238	--
State total	4,248,576	3,494	3,539,279	44,507	450,023	211,273	195,983

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 25.---Pulpwood production, in standard cords, unpeeled, by mill type, product form, species group, and percent change, New England States, 2006 and 2007

Product form and species group	Pulp mills 2006	Pulp mills 2007	Pulp mills Percent change	Composite mills 2006	Composite mills 2007	Composite mills Percent change
Softwood roundwood						
Ceder/juniper	--	439	--	--	--	--
Balsam fir	248,829	223,455	-10%	8	5,950	743
Hemlock	376,751	407,703	8%	--	1,281	--
Jack pine	120	1	-99%	--	--	--
Red pine	13,135	11,116	-15%	5,672	703	-88%
White pine	281,872	309,688	10%	100	--	--
Other pine	8,384	2,740	-67%	--	--	--
Spruce	420,627	414,875	-1%	9	10,684	1,186
Tamarack	1,595	1,081	-32%	3,536	625	-82%
Total softwood roundwood	1,351,313	1,371,097	1%	9,325	19,243	106%
Hardwood roundwood						
Ash	78,605	86,182	10%	--	--	--
Aspen/balsam poplar	306,381	355,733	16%	138,247	156,251	13%
Basswood	5,036	5,075	1%	--	--	--
Beech	198,224	178,978	-10%	--	565	--
White birch	197,262	165,192	-16%	--	1,066	--
Yellow birch	203,943	222,358	9%	--	1,504	--
Other birch	10,355	53,893	420%	--	9	--
Black cherry	5,834	7,782	33%	--	--	--
Elm	2,402	2,452	2%	--	--	--
Hard maple	388,876	434,631	12%	--	3,084	--
Soft maple	541,030	584,065	8%	18,438	14,260	-23%
Red oak group	63,767	79,769	25%	--	--	--
White oak group	1,613	2,780	72%	--	--	--
Other hardwoods	57	57	0%	--	--	--
Total hardwood roundwood	2,003,385	2,178,946	9%	156,685	176,740	13%
Total Roundwood	3,354,698	3,550,043	6%	166,010	195,983	18%
Residues						
Softwood	611,331	644,308	5%	--	--	--
Hardwood	91,896	54,225	-41%	--	--	--
Total residues	703,227	698,533	-1%	--	--	--
State total	4,057,925	4,248,576	5%	166,010	195,983	18%

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 26.--Pulpwood production from roundwood, in standard cords, unpeeled, by state, county, and species group, Connecticut and Massachusetts, 2007

State and county[a]	All species	Softwoods							Hardwoods		
		Balsam fir	Hemlock	Red pine	White pine	Other pine	Spruce	Total softwoods	Ash	Aspen/ balsam poplar	Bass-wood
CONNECTICUT											
Fairfield	26	13	--	--	--	--	14	26	--	--	--
Hartford	67	--	--	--	--	--	--	--	5	1	--
Litchfield	1,729	--	237	--	--	--	16	252	66	16	--
New Haven	11	--	--	--	--	--	--	--	1	--	--
New London	270	--	--	--	--	--	--	--	18	3	--
Tolland	169	--	--	--	--	--	--	--	11	2	--
Windham	680	--	--	--	--	--	--	--	44	20	--
Connecticut total	2,951	13	237	--	--	--	29	278	145	42	--
MASSACHUSETTS											
Barnstable	3,099	--	1,560	--	35	657	--	2,253	42	154	3
Berkshire	4,330	2	197	--	346	--	31	575	378	60	--
Bristol	198	--	--	--	--	--	--	--	11	21	1
Essex	1,338	--	127	--	908	--	--	1,035	9	99	--
Franklin	6,748	3	992	8	1,758	11	45	2,818	255	183	--
Hampden	5,825	--	364	--	209	2	1	576	409	295	2
Hampshire	1,843	--	--	--	148	--	--	148	114	20	--
Middlesex	4,958	--	73	--	4,483	7	--	4,563	12	57	6
Norfolk	127	--	--	3	120	4	--	127	--	--	--
Plymouth	13	--	13	--	--	--	--	13	--	--	--
Worcester	12,174	--	259	15	8,596	5	24	8,899	175	221	2
Massachusetts total	40,653	5	3,585	27	16,602	686	101	21,006	1,405	1,109	14

State and county[a]	Hardwoods										
	Beech	White birch	Yellow birch	Other birch	Black cherry	Elm	Hard maple	Soft maple	Red oak group	White oak group	Total hardwoods
CONNECTICUT											
Fairfield	--	--	--	--	--	--	--	--	--	--	--
Hartford	3	2	1	3	1	--	5	23	21	0	67
Litchfield	293	93	123	46	55	--	264	310	176	35	1,477
New Haven	3	1	1	--	0	--	2	2	0	0	11
New London	68	19	26	--	10	--	52	53	12	8	270
Tolland	43	12	16	--	6	--	33	33	8	5	169
Windham	169	48	64	--	24	--	130	133	30	19	680
Connecticut total	579	175	231	49	97	--	486	555	247	67	2,673
MASSACHUSETTS											
Barnstable	99	39	36	37	3	2	--	399	33	--	846
Berkshire	628	242	301	39	260	--	670	792	313	72	3,754
Bristol	25	--	13	15	1	1	1	101	9	--	198
Essex	3	6	7	17	3	1	10	99	43	6	303
Franklin	557	248	399	227	142	--	528	778	548	64	3,930
Hampden	892	279	396	183	212	2	837	1,212	436	94	5,249
Hampshire	387	116	155	17	60	--	318	345	121	44	1,695
Middlesex	2	11	18	2	1	1	1	99	153	33	395
Norfolk	--	--	--	--	--	--	--	--	--	--	--
Plymouth	--	--	--	--	--	--	--	--	--	--	--
Worcester	329	139	168	73	103	4	303	982	654	124	3,275
Massachusetts total	2,921	1,079	1,492	610	785	10	2,669	4,806	2,309	437	19,647

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 27.--Pulpwood production from roundwood, in standard cords, unpeeled, by county and species group, Maine, 2007

		Softwoods										Hardwoods	
County[a]	All species	Cedar/ juniper	Balsam fir	Hemlock	Jack pine	Red pine	White pine	Other pine	Spruce	Tamarack	Total softwoods	Ash	Aspen/ balsam poplar
Androscoggin	62,051	--	1,082	6,208	--	36	16,741	--	764	--	24,832	3,020	3,998
Aroostook	506,928	--	19,425	14,227	--	1,174	549	--	35,479	635	71,490	2,476	152,547
Cumberland	69,741	--	1,502	15,412	--	280	25,031	803	2,103	--	45,130	1,511	2,975
Franklin	266,157	--	28,909	11,621	--	1	7,977	--	30,216	11	78,735	8,313	34,336
Hancock	140,740	276	6,714	15,702	--	1,164	7,218	--	34,694	29	65,797	2,007	16,019
Kennebec	49,354	--	4,623	9,126	--	94	14,671	--	558	8	29,081	1,831	6,195
Knox	18,233	1	1,974	1,282	--	21	2,168	0	6,619	0	12,064	218	1,992
Lincoln	24,989	--	2,494	3,946	--	3	9,837	--	2,254	6	18,540	144	2,124
Oxford	344,142	--	15,657	32,900	--	935	32,820	115	32,121	7	114,555	11,672	31,600
Penobscot	645,633	125	26,086	142,299	1	1,182	11,744	--	64,503	728	246,669	12,562	91,888
Piscataquis	266,943	--	17,589	29,854	--	165	6,358	--	51,175	143	105,284	4,498	42,420
Sagadahoc	8,589	--	205	1,369	--	--	2,655	186	1,918	0	6,333	120	662
Somerset	514,597	--	42,978	30,283	--	3,002	15,905	--	75,369	23	167,561	16,851	58,861
Waldo	61,385	37	9,768	7,061	--	--	9,435	--	9,155	29	35,486	1,483	7,117
Washington	136,163	--	14,362	10,092	--	1,035	5,330	--	31,977	43	62,838	797	11,678
York	62,465	--	447	12,714	--	747	22,647	222	381	20	37,178	1,366	2,597
Maine total	3,178,109	439	193,816	344,095	1	9,840	191,085	1,326	379,286	1,684	1,121,572	68,869	467,011

County[a]	Hardwoods							Species group					
	Bass-wood	Beech	White birch	Yellow birch	Other birch	Black cherry	Elm	Hard maple	Soft maple	Red oak group	White oak group	Other hard-woods	Total hardwoods
Androscoggin	524	2,036	3,312	364	53	220	176	1,560	14,897	7,042	18	--	37,219
Aroostook	--	21,182	9,539	40,248	11,828	51	45	100,327	97,193	1	--	--	435,438
Cumberland	91	2,470	1,826	533	347	80	94	380	10,338	3,799	166	--	24,611
Franklin	830	13,622	24,802	21,786	143	377	242	34,840	43,217	4,913	--	--	187,422
Hancock	76	3,109	4,379	8,623	7,141	--	28	9,706	21,226	2,630	--	--	74,944
Kennebec	136	1,424	1,352	596	103	52	32	889	4,352	3,306	5	--	20,273
Knox	--	180	686	254	--	18	9	114	1,668	1,030	--	--	6,169
Lincoln	1	149	516	102	37	40	2	72	2,123	1,087	52	--	6,449
Oxford	566	25,959	15,845	25,056	168	656	508	40,525	63,021	13,926	86	--	229,587
Penobscot	109	36,669	28,106	39,406	15,364	706	206	59,196	110,892	3,632	191	38	398,964
Piscataquis	428	12,685	11,934	19,377	1,861	145	82	35,966	31,160	1,102	--	--	161,660
Sagadahoc	--	29	83	69	1	14	4	51	756	457	11	--	2,256
Somerset	1,410	25,131	36,385	40,714	2,863	813	441	82,377	78,198	2,977	--	16	347,037
Waldo	98	1,167	2,471	637	15	753	126	1,712	8,236	2,031	53	--	25,899
Washington	--	2,282	3,012	5,126	5,542	34	--	13,932	30,657	266	--	--	73,325
York	39	1,570	1,057	562	842	43	44	400	11,055	5,384	328	--	25,287
Maine total	4,308	149,664	145,303	203,452	46,308	4,003	2,039	382,047	528,987	53,583	911	54	2,056,537

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled. Columns and rows may not add to their totals due to rounding.

Table 28.--Pulpwood production from roundwood, in standard cords, unpeeled, by state, Forest Inventory Unit, county, and species group, New Hampshire and Vermont, 2007

State, Forest Inventory Unit, and county[a]	All species	Softwoods								Hardwoods		
		Balsam fir	Hemlock	Red pine	White pine	Other pine	Spruce	Tamarack	Total softwoos	Ash	Aspen/ balsam poplar	Bass-wood
NEW HAMPSHIRE												
Northern												
Carroll	52,662	801	7,426	211	4,179	469	4,003	0	17,088	2,315	2,361	68
Coos	89,817	13,013	2,136	--	1,598	--	11,185	9	27,940	2,771	9,952	199
Grafton	74,525	7,677	8,447	568	10,571	44	7,423	--	34,730	2,330	8,073	120
Total	217,004	21,491	18,009	778	16,347	513	22,611	9	79,758	7,415	20,386	387
Southern												
Belknap	8,643	32	3,170	46	2,514	--	151	--	5,913	115	391	32
Cheshire	13,329	151	3,712	9	2,500	--	804	--	7,176	296	952	14
Hillsborough	14,398	22	1,438	189	8,058	54	203	--	9,963	291	119	30
Merrimack	43,537	67	3,152	38	7,614	3	985	--	11,859	2,206	2,226	42
Rockingham	9,862	--	1,258	35	4,747	1	24	4	6,069	178	787	45
Strafford	5,057	2	527	17	1,453	--	96	--	2,095	176	427	16
Sullivan	8,447	271	626	--	1,923	--	1,073	--	3,893	401	645	19
Total	103,274	545	13,883	334	28,808	58	3,337	4	46,968	3,662	5,547	198
New Hampshire total	320,279	22,036	31,892	1,112	45,155	570	25,948	13	126,726	11,078	25,933	584
VERMONT												
Northern												
Caledonia	20,476	2,149	3,141	--	3,174	110	2,078	6	10,657	356	3,922	22
Essex	12,993	3,636	497	--	391	--	3,017	--	7,541	207	1,883	17
Franklin	6,183	82	684	--	2,322	--	70	--	3,157	203	70	1
Grand Isle	145	--	--	--	95	--	--	--	95	16	0	2
Lamoille	6,397	4	970	--	1,435	--	3	--	2,412	236	285	6
Orange	18,708	992	5,533	23	4,776	--	1,510	--	12,833	274	1,736	33
Orleans	15,152	3,715	882	--	2,054	--	2,255	0	8,906	390	1,549	19
Washington	12,670	694	1,796	--	2,757	48	2,134	3	7,431	270	2,366	18
Total	92,724	11,272	13,502	23	17,004	157	11,068	9	53,034	1,952	11,812	118
Southern												
Addison	5,557	113	274	--	839	--	306	--	1,532	184	228	2
Bennington	5,766	532	341	--	1,675	--	1,401	--	3,949	116	34	--
Chittenden	2,586	2	59	--	246	--	4	--	312	179	199	7
Rutland	34,473	993	4,472	--	16,656	--	2,064	--	24,185	709	1,829	11
Windham	33,455	561	5,451	817	10,866	--	2,917	0	20,613	738	406	6
Windsor	29,474	63	5,077	--	9,560	--	2,434	--	17,133	807	3,381	24
Total	111,311	2,264	15,673	817	39,842	--	9,126	0	67,724	2,733	6,077	50
Vermont total	204,034	13,536	29,175	840	56,846	157	20,194	9	120,758	4,685	17,890	168

State, Forest Inventory Unit, and county[a]	Hardwoods											
	Beech	White birch	Yellow birch	Other birch	Black cherry	Elm	Hard maple	Soft maple	Red oak group	White oak group	Other hard-woods	Total hardwoods
NEW HAMPSHIRE												
Northern												
Carroll	4,259	2,174	2,691	505	66	37	5,489	10,152	5,273	183	--	35,574
Coos	6,668	4,834	5,633	882	261	157	18,321	10,098	2,100	--	--	61,877
Grafton	3,488	4,452	2,309	1,363	142	46	5,947	9,296	2,208	19	3	39,795
Total	14,415	11,459	10,633	2,751	470	240	29,756	29,547	9,581	202	3	137,246
Southern												
Belknap	229	180	94	117	20	6	248	992	307	1	--	2,731
Cheshire	468	194	287	343	104	6	336	1,926	1,220	7	--	6,153
Hillsborough	190	105	232	184	70	4	107	1,822	1,128	152	--	4,435
Merrimack	461	2,262	1,274	1,640	337	7	1,569	12,736	6,804	116	--	31,678
Rockingham	219	64	188	124	46	28	120	1,202	707	84	--	3,793
Strafford	391	113	163	86	11	5	211	1,006	301	55	--	2,962
Sullivan	457	325	192	245	104	3	727	1,095	307	35	--	4,554
Total	2,415	3,243	2,430	2,739	692	59	3,318	20,779	10,775	449	--	56,306
New Hampshire total	16,830	14,702	13,063	5,490	1,162	299	33,075	50,325	20,356	651	3	193,552
VERMONT												
Northern												
Caledonia	763	357	599	38	66	21	1,985	1,452	234	4	--	9,819
Essex	401	324	368	88	23	9	1,314	708	112	--	--	5,452
Franklin	172	176	254	23	76	10	928	1,004	91	17	--	3,026
Grand Isle	7	2	3	--	1	1	5	12	1	1	--	50
Lamoille	632	200	409	6	117	7	1,025	888	128	46	--	3,985
Orange	439	286	295	59	49	18	2,014	378	289	4	--	5,874
Orleans	459	404	439	85	117	9	1,917	726	122	10	--	6,246
Washington	318	279	179	109	69	5	865	660	95	6	--	5,239
Total	3,190	2,027	2,545	407	518	81	10,053	5,827	1,071	89	--	39,690
Southern												
Addison	872	298	362	20	123	2	885	770	185	95	--	4,025
Bennington	357	113	187	12	59	--	394	420	84	40	--	1,817
Chittenden	428	131	189	9	62	4	519	417	88	42	--	2,274
Rutland	1,401	635	658	205	266	3	2,361	1,580	480	152	--	10,288
Windham	1,921	1,019	1,077	516	463	6	2,682	3,047	755	206	--	12,843
Windsor	1,380	774	605	277	243	9	2,544	1,591	614	92	--	12,341
Total	6,358	2,970	3,078	1,039	1,216	23	9,385	7,825	2,205	626	--	43,587
Vermont total	9,549	4,997	5,624	1,446	1,734	104	19,438	13,652	3,275	715	--	83,277

[a] Includes only those counties that supplied pulpwood in 2007.

All table cells without observations are indicated by -- . Table value of 0 indicates the volume rounds to less than 1 standard cord, unpeeled.

Columns and rows may not add to their totals due to rounding.

Table 29.--Average production of active wood-pulp and composite product mills by company, location, and type of product produced, New England States, 2007

Product and company	Location	Product produced	Average production
Pulp mills			
Domtar Industries	Baileyville, Maine	Kraft pulp (sulfate)	1,450 tons pulp/day
Georgia-Pacific Corp.	Old Town, Maine	Kraft pulp (sulfate)	172 tons pulp/day
Katahdin Paper Company, LLC	East Millinocket, Maine	Groundwood/mechanical pulp	100 tons pulp/day
Knight Celotex Corporation	Farmington, Maine	Groundwood/mechanical pulp	100 tons pulp/day
Lincoln Paper And Tissue, LLC	Lincoln, Maine	Kraft pulp (sulfate)	450 tons pulp/day
Madison Paper Industries	Madison, Maine	Kraft pulp (sulfate)	300 tons pulp/day
Rumford Paper Company	Rumford, Maine	Kraft pulp (sulfate)	860 tons pulp/day
Sappi Fine Paper Company	Skowhegan, Maine	Kraft pulp (sulfate)	1,500 tons pulp/day
Verso Paper	Androscoggin, Maine	Kraft/groundwood pulp	1,570 tons pulp/day
Verso Paper	Bucksport, Maine	Groundwood/mechanical pulp	650 tons pulp/day
Composite product mills			
Huber Engineered Woods, LLC	Easton, Maine	Oriented strand board	135 million ft^2, 3/4-inch basis per year
Louisiana-Pacific Corp.	Houlton, Maine	Oriented strand board	250 million ft^2, 3/4-inch basis per year

Table 30.--Other mills using Northern Region pulpwood in 2007 by company, location, and type of product produced

Company	Location	Product produced
Pulp mills		
Evergreen Packaging, Inc.	Pine Bluff, Arkansas	Kraft pulp (sulfate)
Georgia-Pacific Corp.-Crossett	Crossett, Arkansas	Kraft pulp (sulfate)
Domtar, Inc.	Hawesville, Kentucky	Kraft pulp (sulfate)
NewPage Corp.	Wickliffe, Kentucky	Kraft pulp (sulfate)
Boise Packaging & Newsprint	DeRidder, Louisiana	Kraft pulp (sulfate)
Georgia-Pacific Gypsum, LLC	Pryor, Oklahoma	Groundwood/mechanical pulp
Weyerhaeuser Co.	Kingsport, Tennessee	Kraft pulp (sulfate)
International Paper Co.	Texarkana, Texas	Kraft pulp (sulfate)
International Paper Co.	Franklin, Virginia	Kraft pulp (sulfate)
MeadWestvaco Co.	Covington, Virginia	Kraft pulp (sulfate)
Smurfit-Stone Conainer Corp.	West Point, Virginia	Kraft pulp (sulfate)
AV Cell, Inc.	Atholville, New Brunswick	Sulfite
AV Nackowic, Inc.	Nackawic, New Brunswick	Kraft pulp (sulfate)
Fraser Paper	Edmundston, New Brunswick	Chemical/mechanical
Abitibi-Bowater	Thunder Bay, Ontario	Kraft pulp (sulfate)
Abitibi-Consolidated Co.	Fort Frances, Ontario	Kraft/groundwood
St. Marys Paper, Ltd.	Sault Ste. Marie, Ontario	Groundwood/mechanical pulp
Domtar, Inc.	Windsor, Quebec	Kraft pulp (sulfate)
FPS Canada, Inc.	Thurso, Quebec	Kraft pulp (sulfate)
Kruger, Inc.	Trios-Rivieres, Quebec	Thermomechanical
Composite product mills		
Ainsworth Engineered (Can) LP	Barwick, Ontario	Oriented strand board
ATC Pembroke, Inc.	Pembroke, Ontario	Medium density fiberboard
Flakeboard Company Limited	Sault Ste. Marie, Ontario	Medium density fiberboard

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Discusses 2007 production and receipts of pulpwood in the Northern Region. Breaks down production from four subregions—Central States, Lake States, Mid-Atlantic States, and New England States—by species group for each state and compares production with that of previous years. Includes production for 2007 for the Plains States by species group and product form.

KEY WORDS: Central States, composite products, Lake States, Mid-Atlantic States, New England States, Plains States, pulp products, pulpwood, residue, roundwood.

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