

Wisconsin Forestry -

Part of the Global Market

There is increasing demand for wood and wood products globally, including the products that Wisconsin's forests provide. Paper, lumber, furniture, crates, pallets (even syrup and wild mushrooms) are experiencing increased demand. This increase in demand can be met in a number of ways, all of which have economic, ecological, and social implications.



Economic Implications

Although demand for forest products is increasing globally, a reduction in the demand for Wisconsin produced products could occur. Wisconsin's innovative forest industry must continually adapt to changing markets to compete with low cost competitors in overseas countries.

Ecological Implications

Society's demand for forest products will be met by our global forest resources. Wisconsin can be proud of its long history of well managed forests. Production from Wisconsin's forests is the intelligent choice when compared to other regions in the world where there is less commitment to sound forest management.

Social Implications

As Wisconsin continues to compete in the global market, an increased global demand for forest products could increase Wisconsin employment opportunities. The continued success of the forest industry provides stability to the State's economy and to the needs of Wisconsin's residents.

What We Can Do

Practice Intelligent Consumption - make informed consumer decisions by thoughtfully and consciously examining the ecological, economic and social aspects of our lifestyle.

"The long and short of the matter is that forest conservation depends in part on intelligent consumption, as well as intelligent production of lumber."

Aldo Leopold, "The Home Builder Conserves" (1928)

Forestry Information, Publications, and More can be Found Online.

Division of Forestry

dnr.wi.gov/org/land/forestry/

Project Learning Tree (PLT)

dnr.wi.gov/org/caer/ce/pltwild/plt.htm

Environmental Education for Kids (EEK!)

dnr.wi.gov/eek/

Learning, Experiences, & Activities in Forestry (LEAF)

www.leafprogram.org

Wisconsin Forestry

www.wisconsinforestry.org

U.S.D.A., Forest Service, Forest Products Laboratory

www.fpl.fs.fed.us

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Wisconsin Forest Products

Our Everyday Wood



Sustainably Managed Forests are Productive, providing raw materials for consumers and economic stability for local communities.

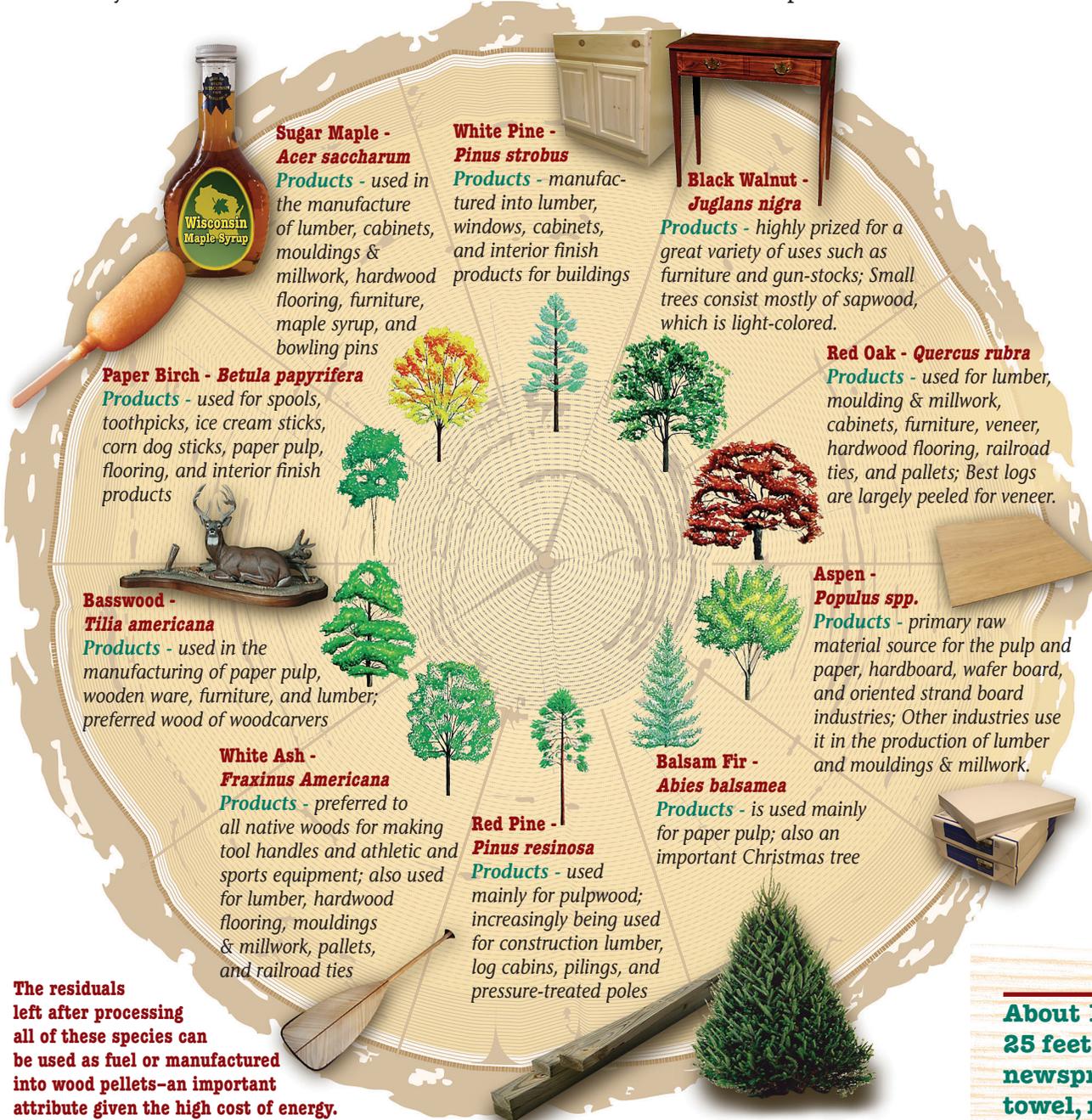
<http://dnr.wi.gov/org/land/forestry>

Wisconsin Forest Products

By practicing sustainable forest management and harvesting trees in ways that promote natural regeneration, Wisconsin's total forest cover and wood volume has steadily increased while still providing the forest products needed by its citizens.

Forests Today Cover 46% of Wisconsin

Forest products provide income to landowners and a reliable, enduring source of employment for local communities. Sound forest management supplies local mills and manufacturers with a range of species for fabrication of diverse wood products.



Sugar Maple - *Acer saccharum*

Products - used in the manufacture of lumber, cabinets, mouldings & millwork, hardwood flooring, furniture, maple syrup, and bowling pins

White Pine - *Pinus strobus*

Products - manufactured into lumber, windows, cabinets, and interior finish products for buildings

Black Walnut - *Juglans nigra*

Products - highly prized for a great variety of uses such as furniture and gun-stocks; Small trees consist mostly of sapwood, which is light-colored.

Red Oak - *Quercus rubra*

Products - used for lumber, moulding & millwork, cabinets, furniture, veneer, hardwood flooring, railroad ties, and pallets; Best logs are largely peeled for veneer.

Aspen - *Populus spp.*

Products - primary raw material source for the pulp and paper, hardboard, wafer board, and oriented strand board industries; Other industries use it in the production of lumber and mouldings & millwork.

Balsam Fir - *Abies balsamea*

Products - is used mainly for paper pulp; also an important Christmas tree

Red Pine - *Pinus resinosa*

Products - used mainly for pulpwood; increasingly being used for construction lumber, log cabins, pilings, and pressure-treated poles

White Ash - *Fraxinus Americana*

Products - preferred to all native woods for making tool handles and athletic and sports equipment; also used for lumber, hardwood flooring, mouldings & millwork, pallets, and railroad ties

Basswood - *Tilia americana*

Products - used in the manufacturing of paper pulp, wooden ware, furniture, and lumber; preferred wood of woodcarvers

Paper Birch - *Betula papyrifera*

Products - used for spools, toothpicks, ice cream sticks, corn dog sticks, paper pulp, flooring, and interior finish products

The residuals left after processing all of these species can be used as fuel or manufactured into wood pellets—an important attribute given the high cost of energy.

Wisconsin's Forest Industry Pays

Along with providing ecological and social benefits, our forests contribute to the health of Wisconsin's economy.

Wisconsin's Forest Products Industry:

- is a \$24 billion industry and represents eight percent of the state's total industrial output.
- provides 93,000 manufacturing jobs.
- is the nation's second largest investor in forest industry capital equipment, \$582 million annually, 17.7 percent of all investment in Wisconsin manufacturing.
- provides high paying, high skilled jobs, paying an average \$45,000 annual salary, compared to the state average of \$34,000. The average paper mill worker earns \$66,000 annually.
- is the backbone of 1,990 companies. Wisconsin is the number one papermaking state in the nation and has been for 50 years.
- produces more than 5.3 million tons of paper and over 1.1 million tons of paperboard annually.
- sees that about 91.5 percent of the state's timber harvested stays in Wisconsin to be used by Wisconsin manufacturers.
- provides one in eight manufacturing jobs. For every 10 jobs in the forest products industry, an additional 16 jobs are produced in other sector's of the state's economy.

Statistics based from IMPLAN®, County Business Pattern data, and the Wisconsin Paper Council.

About 1,664 pounds of wood, or one log 18 inches across and 25 feet long will meet the average person's building supplies, newsprint, printing paper, writing paper, tissue paper, paper towel, mail, and product packaging needs annually.