



Timber Product Output and Use for: Minnesota, 2019

Minnesota forests accounted for a total of 219,571 thousand cubic feet (MCF) of timber products while the forest products industry produced a total of 238,236 MCF within the State.

This resource update contains the findings of a survey conducted on a sample of all primary wood-using mills in Minnesota. It complements the Forest Inventory and Analysis (FIA) annual inventory of volume and removals. The survey was conducted to determine the amount and source of wood receipts and annual timber product imports/exports. Only primary wood-using mills were surveyed. Primary mills are those that process roundwood in log or bolt form or as chipped roundwood. Examples of industrial roundwood products are saw logs, pulpwood, veneer logs, poles, and logs used for composite board products. Mills producing products from residues generated at primary and secondary processors were not surveyed. Data used in this update were accessed from the FIA Timber Product Output database (see back page).



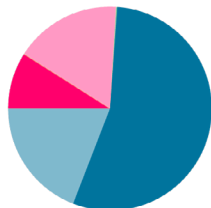
Minnesota had a total production of 219,571 MCF in 2019.



There were about 237 primary wood processing mills in the State.

Statewide roundwood production (% of total) by product

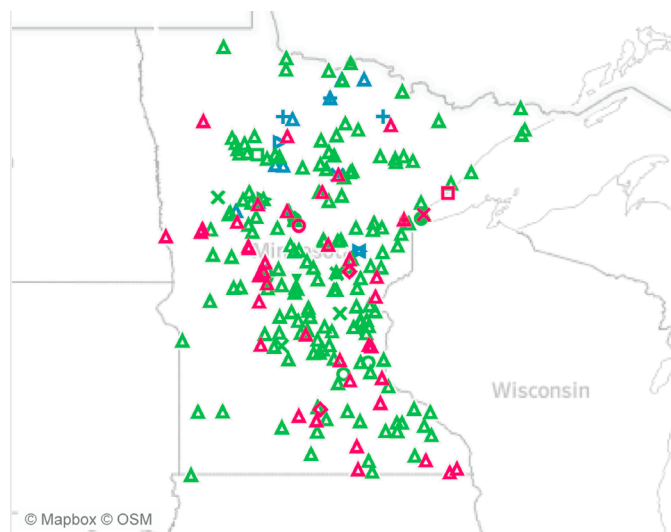
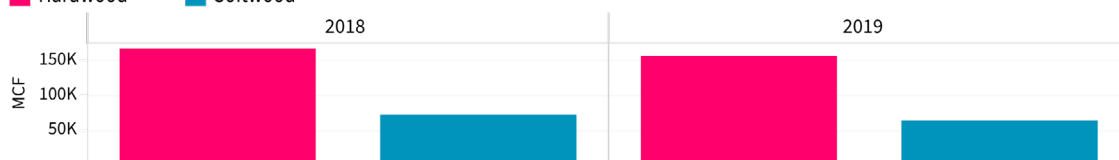
Pulpwood	54.5%
Saw logs	21.2%
Miscellaneous*	16.6%
Bioenergy/Fuelwood	7.6%
Poles/Posts/Pilings	0.2%
House logs	0.0%



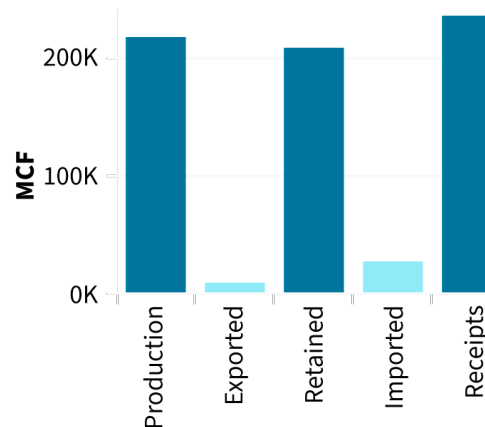
*Misc. includes all roundwood uses not listed

Total roundwood production

Hardwood Softwood



- Biomass/energy plant
- Composite Panel/Engineered Wood Product (EWP) mill
- + Log home mill (include Viga and Latilla mills)
- ▼ Misc - Bark/mulch
- ◇ Misc - concentration/export yard
- ✕ Misc mill
- △ Pole mill
- ▽ Post mill
- Pulp/Paper mill
- △ Saw mill (includes cooperage/stave, handle mills)
- Hardwood
- Hardwood/Softwood
- Softwood



Minnesota imported 28,076 MCF into the State and exported 9,411 MCF out of the State making them a net importer of roundwood.

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Archived Versions

This report can be found on the USDA Forest Service publication database (Treesearch at: <https://research.fs.usda.gov/treesearch>). Archived versions of resource updates can be found by searching Treesearch using keywords “Forest Inventory,” “Timber products,” and “Minnesota”

Timber Product Output

The National Timber Product Output (TPO) section of the FIA program collects and reports estimates of industrial and nonindustrial uses of roundwood. Details of the TPO section and TPO data can be found here:

<https://research.fs.usda.gov/programs/nrum>.

Additional Resources

The application that produced this resource update was developed using data from the USDA Forest Service Forest Inventory and Analysis TPO database:

<https://public.tableau.com/views/TPOREPORTINGTOOL/MakeSelection?:showVizHome=no>. Factsheet estimates may not match table estimates due to data refinements after factsheet publication.

The FIA TPO one-click application can be found here:

<https://public.tableau.com/views/FIATPOOneClickFactsheet/StateSelection?:showVizHome=no>.

Additional information about the FIA program can be found here: <https://research.fs.usda.gov/programs/fia>.

Detailed information about the FIA program can be found here: Bechtold, W.A.; Patterson, P.L., eds. 2005. **The enhanced Forest Inventory and Analysis program—national sampling design and estimation procedures**. Gen. Tech. Rep. SRS-80. Asheville, NC: U.S. Department of Agriculture Forest Service, Southern Research Station. 85 p.

<https://doi.org/10.2737/SRS-GTR-80>.

Detailed information about the annual sample design can be found here: Coulston, John W.; Westfall, James A.; Wear, David N.; Edgar, Christopher B.; Pringle, Steven P.; Treiman, Thomas B.; Abt, Robert C.; Smith, W. Brad. 2018. **Annual monitoring of US timber production: rationale and design**. Forest Science. 64(5): 533-544.

<https://doi.org/10.1093/forsci/fxy010>.