



Timber Product Output and Use for Michigan, 2021



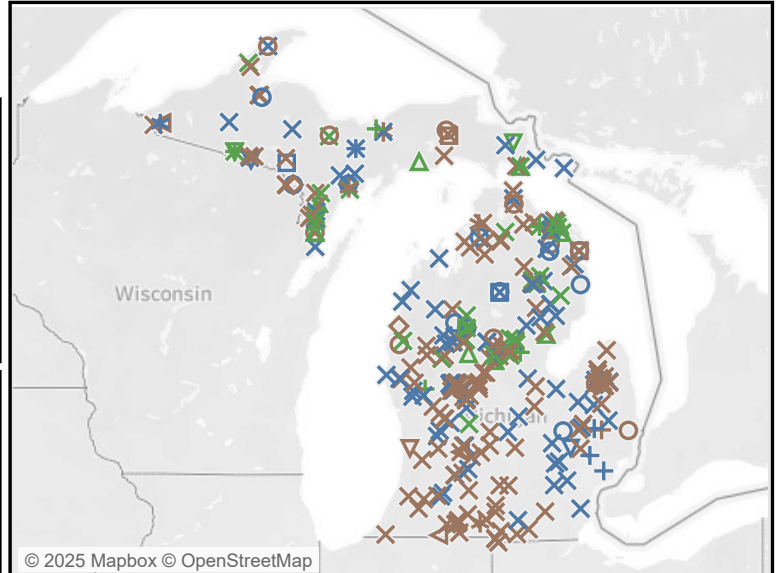
There were about 347 primary wood processing mills in Michigan



Michigan had a total roundwood production of 364,992 MCF



Michigan generated 1,859,636 dry tons of mill residues



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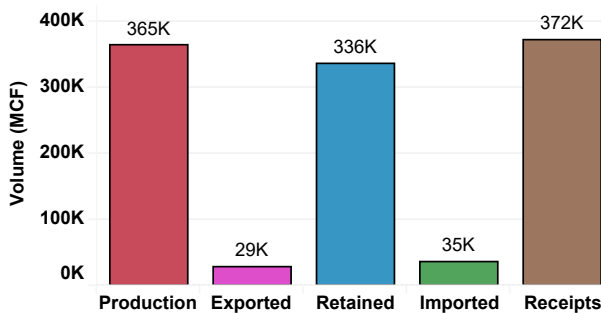
Mill Type

- + Bark/mulch
- O Biomass/energy
- Composite panel
- ◁ Export yard
- + Log home mill (incl..
- ∇ Miscellaneous
- ▷ Pole mill
- △ Post mill
- ◇ Pulp/paper mill
- * Veneer
- X Saw mill

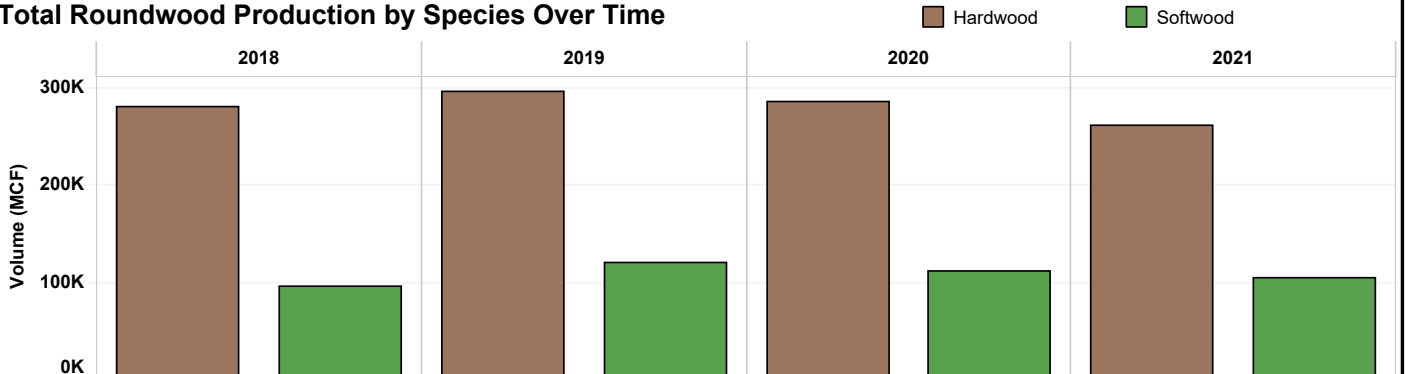
Species Processed at Mill

- Hardwood
- Hardwood/Softwood
- Softwood

2021 Roundwood Production, Exports, Retained, Imports, and Receipts



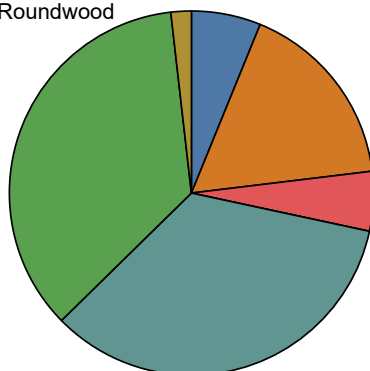
Total Roundwood Production by Species Over Time



2021 Roundwood Production (% of total) by Species and Roundwood Product

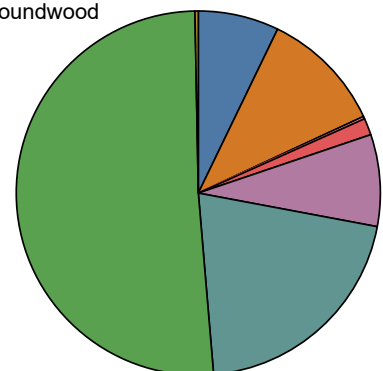
Hardwood Production by Roundwood Product

- Roundwood Product
- Bioenergy/fuel
 - Composite panel
 - Miscellaneous
 - Pole, post, pile
 - Pulpwood
 - Saw logs
 - Veneer logs



Softwood Production by Roundwood Product

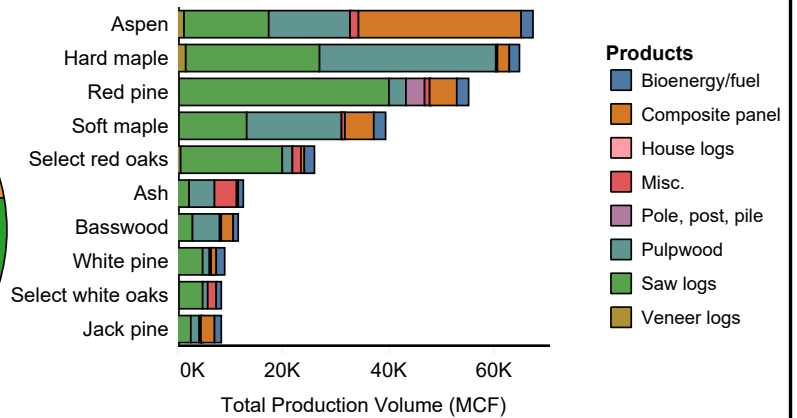
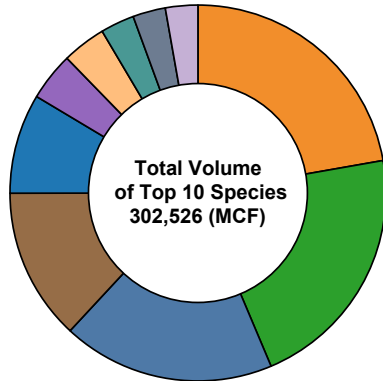
- Roundwood Product
- Bioenergy/fuel
 - Composite panel
 - House logs
 - Miscellaneous
 - Pole, post, pile
 - Pulpwood
 - Saw logs
 - Veneer logs



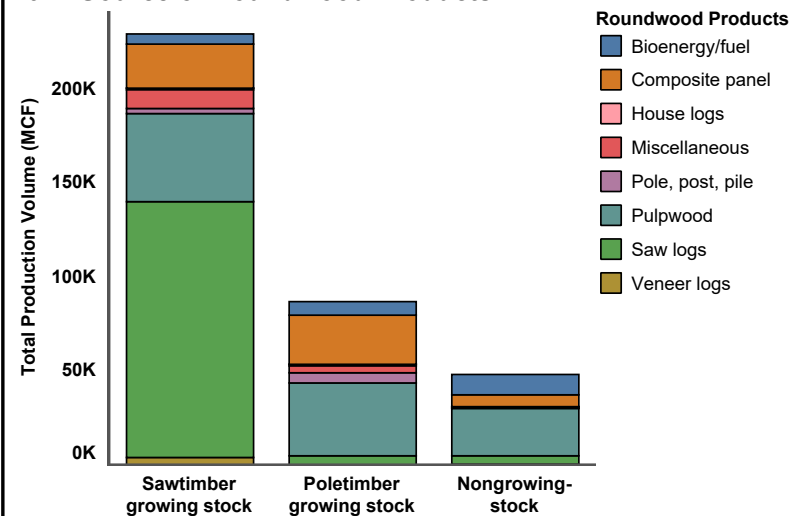
2021 Top 10 Species by Roundwood Production Volume

Top 10 Species

- Aspen
- Hard maple
- Red pine
- Soft maple
- Select red oaks
- Ash
- Basswood
- White pine
- Select white oaks
- Jack pine



2021 Source of Roundwood Products



2021 Roundwood Production by Owner



USDA Forest Service

16.8%



Private Ownership

62.6%



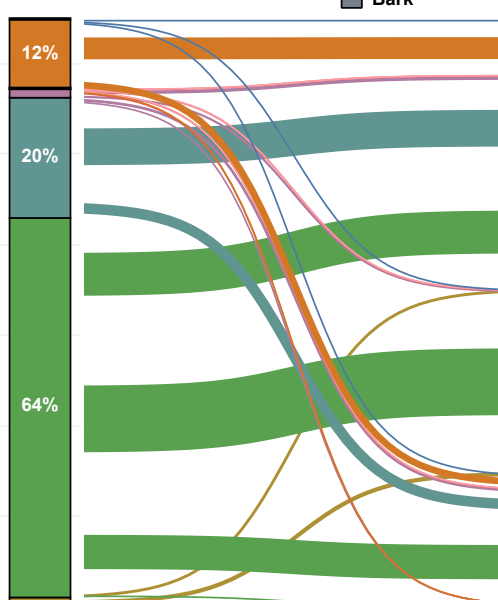
Other Public Ownership

20.6%

2021 Mill Residues and Use by Roundwood Product

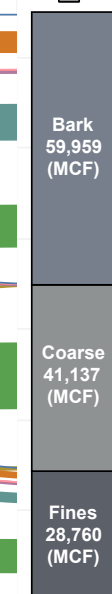
% Total Mill Residue

- Bioenergy/fuel
- Composite
- House logs
- Misc.
- Pole, post, pile
- Pulpwood
- Saw logs
- Veneer logs



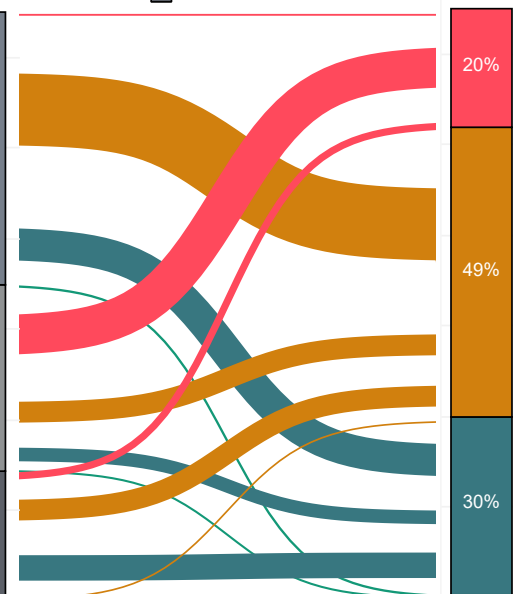
Residue Type

- Bark
- Coarse
- Fines



% Total Residue Use

- Fiber
- Fuel
- Misc.
- Not used



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How to Cite This Publication

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Archived Versions

This report can be found in the USDA Forest Service publication database. Archived versions of Resource Updates can be found by searching Treearch by using keywords "Forest Inventory", "Timber products", and "Michigan".

National Resource Use Monitoring

Timber Product Output (TPO) is a component of FIA's National Resource Use Monitoring (NRUM) program aimed at gathering and reporting information on industrial and nonindustrial uses of round wood. Data are gathered through annual surveys of primary wood processing facilities and aggregated and reported at the county and/or state level. Data and more information about NRUM and TPO 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 NRUM 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 in 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>.

Documentation for NRUM's TPO annual sample design can be found in Westfall, J. A.; Coulston, J. W.; Moisen, G. G.; Andersen, H. E., comps. 2022. Sampling and estimation documentation for the Enhanced Forest Inventory and Analysis Program: 2022. Gen. Tech. Rep. NRS-GTR-207. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station. 129 p.