



Michigan's Sustainable Forests

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Michigan's Chief Forester

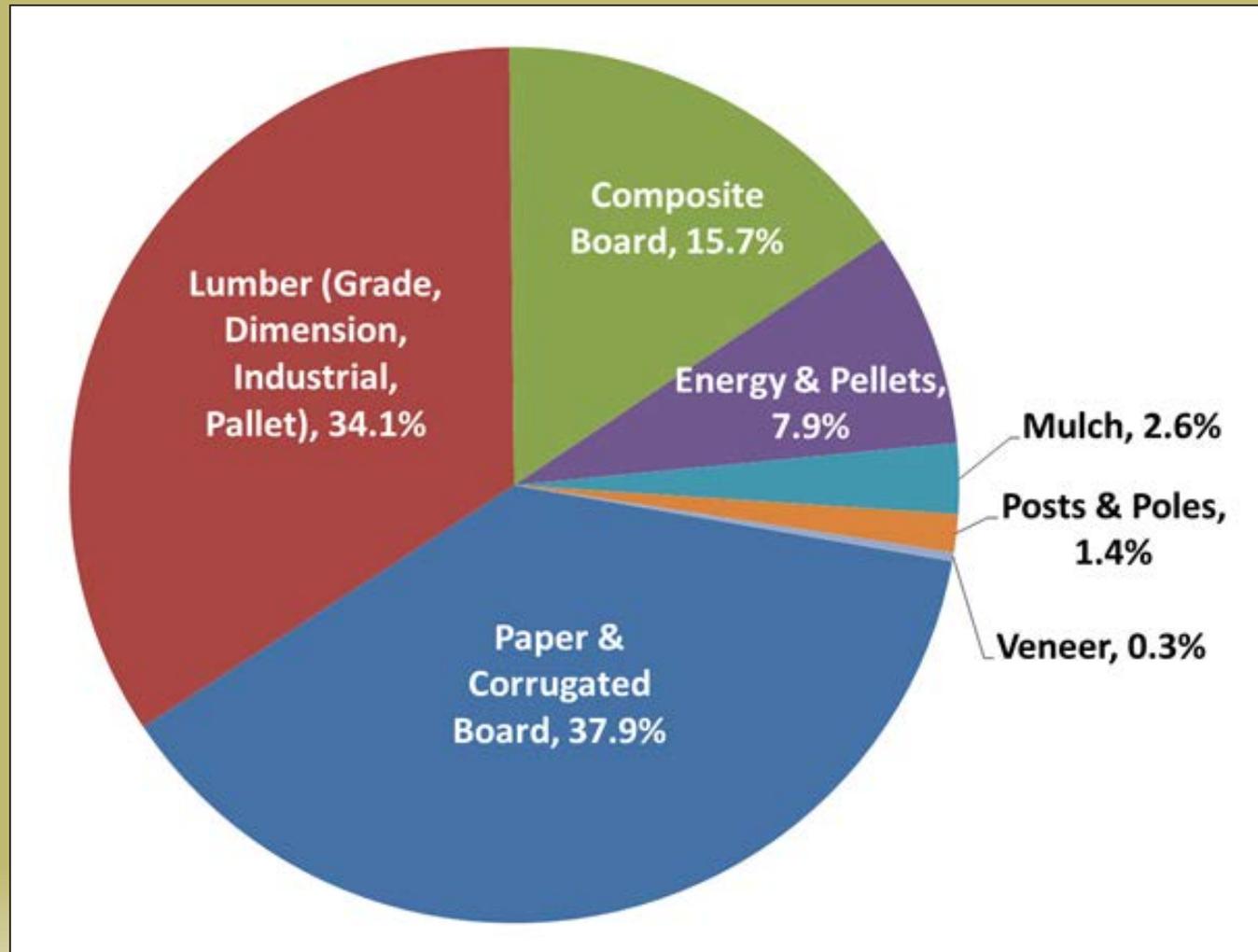


Michigan's Forests and Industry



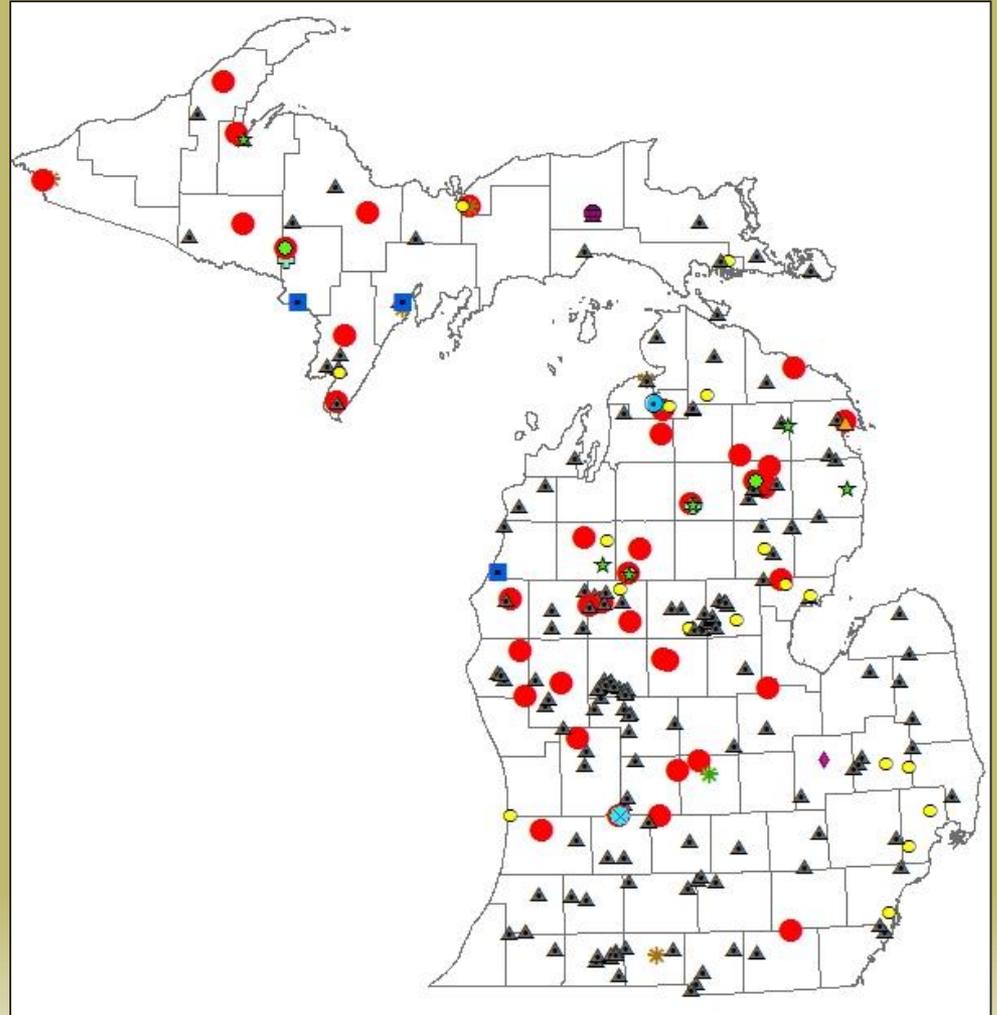
- 20 million acres of forest land
- Provides 39,000 direct jobs
- Supports 99,000 total jobs
- \$21 billion in sales

Key Products By Volume



Primary Mills and Manufacturers

- 2016 mill survey:
- 282 active mills
- 232 of those are sawmills
- Half of active mills are in northern LP
- Little industry in eastern UP



Arauco Investment



- **\$400 million particleboard plant**
- **Longest production line in North America**
- **Will employ 200+ in Grayling**

Prepared Timber Sales

- 2017 sales:
60,012 acres
Value of \$50
million
- Yielded more
than 1.1 million
cords of wood



Good Neighbor Authority

- Prepared 6,500 acres of timber sales for Michigan's national forests in 2016-2018
- About 9,400 acres per year expected by 2020
- Work jointly on forest health and wildlife habitat



Timber Program Changes

- Online Bidding
- 'Room to Bid'
- VMS Contracts and Bonds module
- Reviewing timber cruising protocol



Michigan Forestry BMPs

- DNR, DEQ and MDARD worked on revisions in 2017
- Preparing to publish new manual



Portable Bridges and Mats

- 36 portable bridges with a 50-ton load limit
- 360 portable wooden crane mats
- 60 composite mats



Public Act 288

- Inventory of state forest roads
- NLP complete with 7,500+ miles of roads; 6,300 open to ORV use
- SLP and UP inventories taking place now



Silvicultural Research

- MSU Northern Hardwoods Project
 - 6+ year project
 - 152 timber sales on DNR, Hancock and GMO lands
 - Almost all sales now harvested



Heterobasidion Root Disease

- Risk-based vs. blanket approach
- Sale spec coming, late 2018
- Consulting with mills and producers
 - Timing of stump treatments
 - Costs
 - Pesticide license requirements



Invasive Species

- Hemlock woolly adelgid
- Oak wilt
- Asian longhorned beetle



Engaging the Public

- Education campaign based on research:
 - People want to ensure forests for future generations
 - Clean air and water are vital
 - Strong preference for wildlife habitat protection



TV and Ad Campaign

- Initial audience: Ages 18-49 in southeast Michigan
- Fall campaign exceeded expectations
- Spring theme: 'You need a tree'
 - Bar coaster trivia
 - Live radio event
 - Billboards



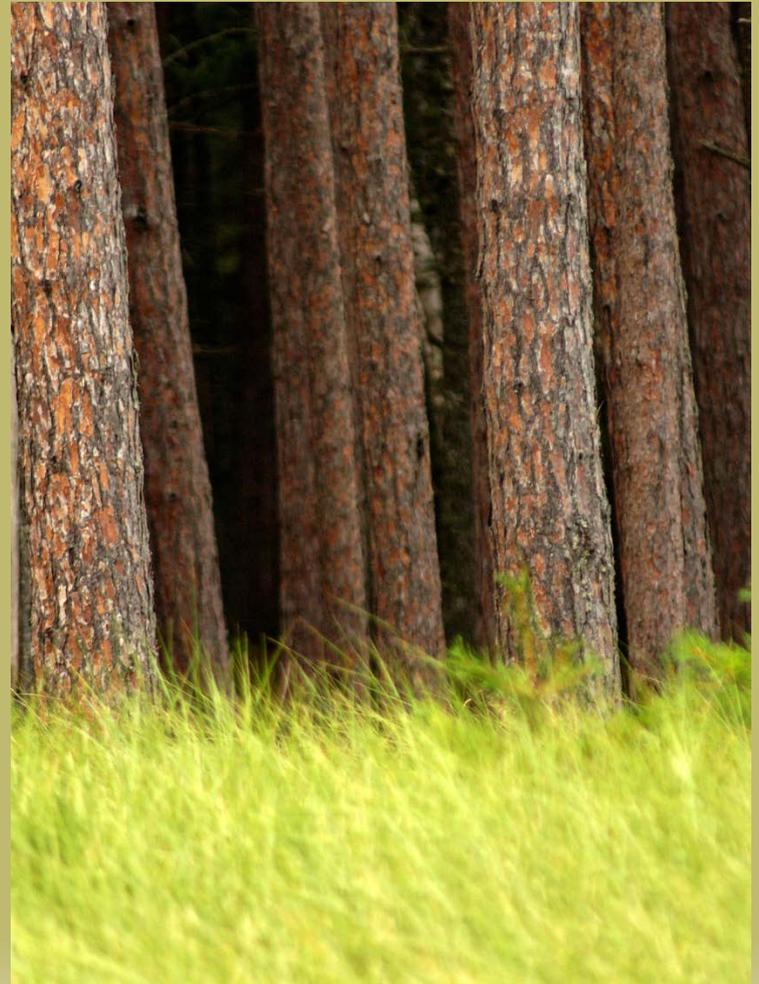
Check out our TV Ad



CAREFULLY MANAGED AND SUSTAINABLE FORESTS
ARE ESSENTIAL TO MICHIGAN.

A Bright Future

- Adapting to meet challenges
- Partnering to accomplish goals
- Prepared for whatever is in store



Questions?

