

# MIOSHA Fact Sheet



## Wood Product Manufacturing

The Wood Product Manufacturing North American Industry Classification System (NAICS) code (321) has over a dozen subcategories, including sawmills and wood preservation, veneer, plywood, and engineered wood product manufacturing, truss manufacturing, wood window and door manufacturing, wood container and pallet manufacturing, and manufactured home (mobile home) manufacturing.

From 2017 to 2022, at least one fatality occurred each year in Michigan connected to the wood product manufacturing industry, with two fatalities occurring in 2020 and 2022. Nationally, the industry's total recordable cases incidence rate in 2022 was 5.3, which was nearly double the national rate for all industries at 3.0. Within Michigan, the industry's total recordable cases incidence rate in 2022 was 5.8, also nearly double the state's rate for all industries at 3.1.

Some of the most common hazards associated with wood product manufacturing are listed in the table below.

Health Hazards	Safety Hazards	
<ul style="list-style-type: none"><li>• Noise</li><li>• Wood dust</li><li>• Chemicals</li></ul>	<ul style="list-style-type: none"><li>• Equipment<ul style="list-style-type: none"><li>– Point of operation</li><li>– Rotating and reciprocating parts</li><li>– In-running nip/pinch points</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Material kickback</li><li>• Flying chips</li><li>• Fire and explosion</li><li>• Electrical hazards</li></ul>

### Employer Responsibilities

- Train workers on equipment use and allow only trained and authorized workers to operate and maintain any equipment.
- Allow equipment to be used only when guards are in place and in working order.
- Provide and require the use of appropriate personal protective equipment.
- Do not allow workers to wear loose clothing or have long hair exposed where there is a danger of entanglement in moving equipment.
- Ensure proper housekeeping practices are implemented that include preventing dust accumulation.
- Conduct at least an annual inspection of the lockout/tagout program to ensure that it is being followed.
- Ensure all electrical installations comply with appropriate safety standards, codes, and practices.

### Additional Informational

For more information on the rules that protect workers in wood product manufacturing, refer to the standards below:

- General Industry Standard [Part 21, Powered Industrial Trucks](#)
- General Industry Standard [Part 27, Woodworking Machinery](#)
- General Industry Standard [Part 52, Sawmills](#)

For additional assistance, please contact the Consultation Education and Training Division at 517-284-7720. All standards can be viewed on the MIOSHA website at [www.michigan.gov/mioshastandards](http://www.michigan.gov/mioshastandards).

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(MIOSHA/CET Fact Sheet #0191 • Revised 09/16/2024)

