

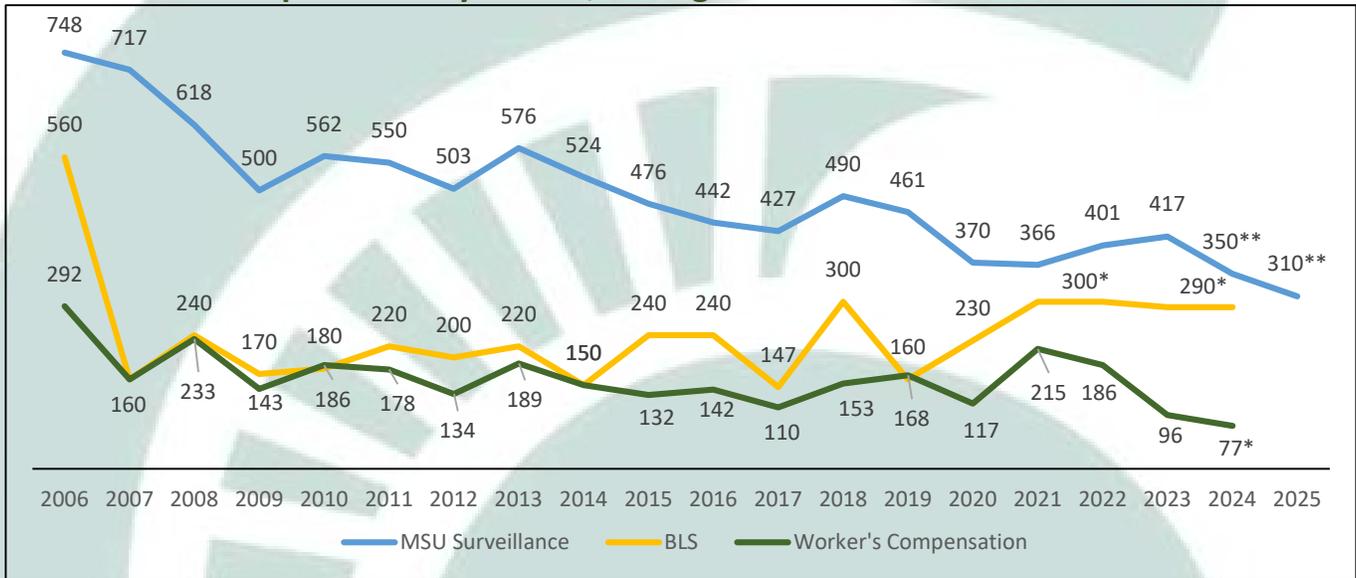
# Tracking Work-Related Amputations in Michigan

[www.oem.msu.edu](http://www.oem.msu.edu)

## Summary Statistics

The MSU work-related amputation surveillance system identifies significantly more cases each year than other traditional sources, as illustrated in the figure below.

## Work-Related Amputations by Source, Michigan 2006-2024



\*BLS switched to biennial reporting instead of yearly estimates starting with the 2021/2022 data. \*\*Preliminary data as of 2/18/2026.

Among all age groups in the year 2024, amputation rates were more than seven times higher for male than female workers. The age of individuals with a work-related amputation ranged from 15 to 86 years, with an average of 43.4 years and a median of 43 years. The rate of work-related amputations was 73% higher for Black/African American than White workers and 148% higher for Hispanic workers than non-Hispanic. The majority (92.0%) of work-related amputations involved fingers. Most finger amputations (87.2%) involved the distal phalanx, with the index finger most effected (27.8%). Forty one percent of the amputations occurred in the manufacturing sector. Within manufacturing, manufacturing wood products had the highest rate of work-related amputations (50.4 amputations per 100,000 employed persons). From 2006 to 2024, the number of work-related amputations fell by 53.2% and the amputation rate fell by 57.4%.

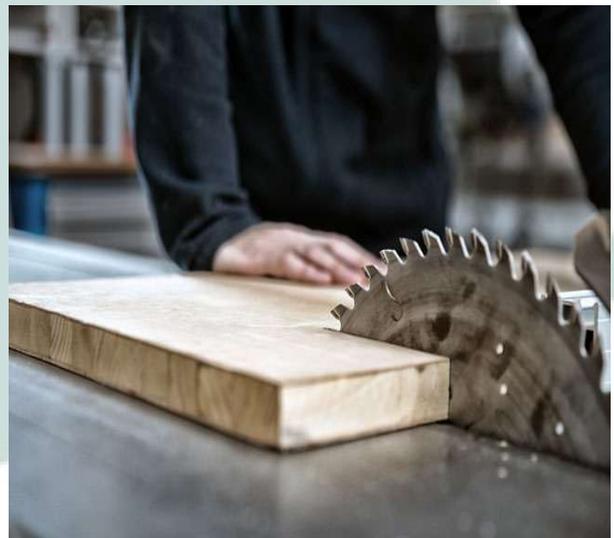
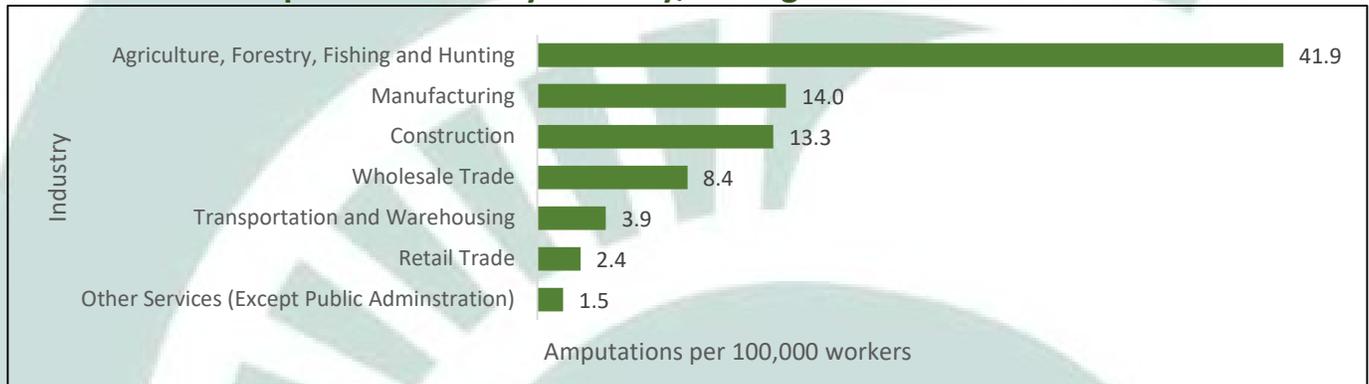


Table saws are a common cause of finger amputations.

## Background

In 2004, staff in the Occupational and Environmental Medicine Division within Michigan State University's College of Human Medicine began reviewing hospital records to identify patients treated for work-related amputations and referring cases meeting designated criteria to MIOSHA. MIOSHA referrals were tracked through 2005. Beginning with 2006 data, a system to track all work-related amputations treated at Michigan hospitals was established. In addition, data were obtained from the Michigan Workers' Compensation Agency to supplement the hospital-based data and provide a more complete count of work-related amputations.

## Work-Related Amputation Rate by Industry, Michigan 2024



## Leading Cause of Work-Related Amputations, Michigan 2024\*



\*Does not include amputations with unknown injury cause

## Work-Related Amputation Narratives

- A male in teens amputated multiple fingertips when his glove got stuck in a drill press which then cut off the tips of multiple fingers.
- A woman in her late 30's toe was amputated when it was stepped on by a cow. The toe could not be reattached later at the hospital.
- A male in his late 20's was working with a table saw cutting small pieces of wood when the machine got caught and kicked back. His hand was then thrust into the machine cutting off his index finger, ring finger, and middle finger.

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