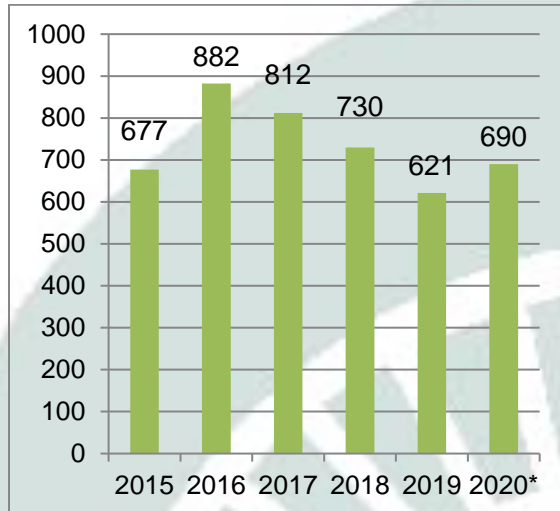


Tracking Work-Related Farm Injuries in Michigan

www.oem.msu.edu

Summary Statistics



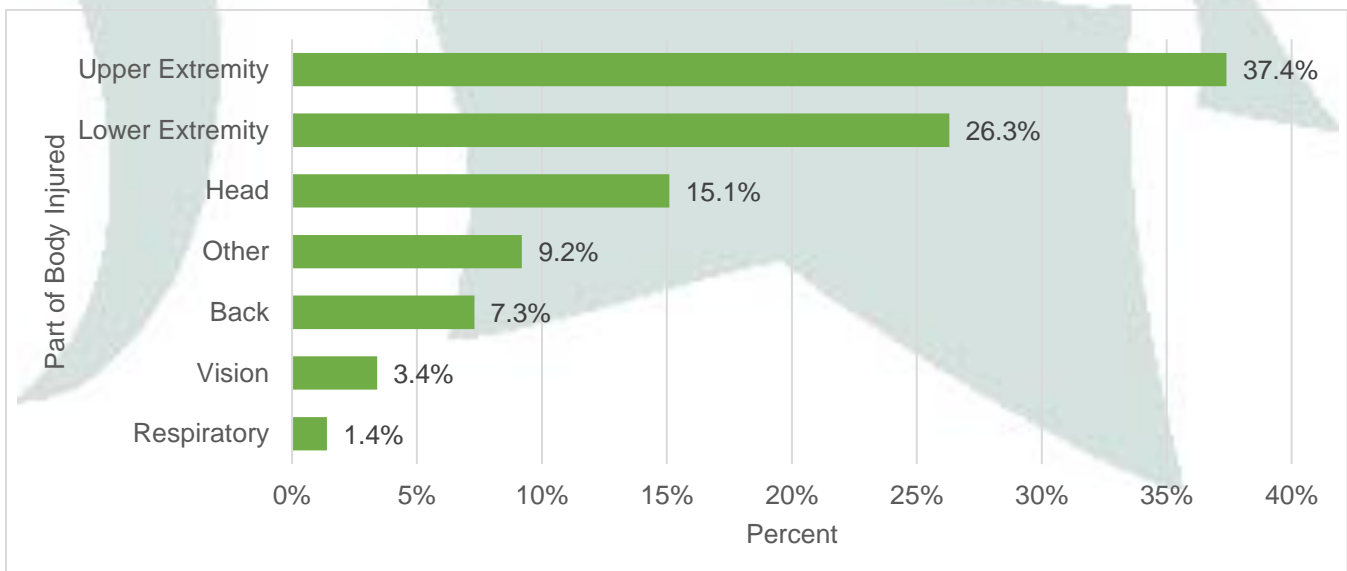
*2020 preliminary data as of 4/8/2021



Injuries caused by cows are the leading source of work-related farm injuries in Michigan.

There were 2,163 work-related farm injuries in 2,111 individuals in Michigan in 2017 through 2019; forty-four individuals had two separate agricultural injury incidents and four individuals had three separate farm injuries. There were an additional 33 agricultural fatalities. Most injuries were among men (74.6%) and Caucasians (90.8%). One hundred and seventy-six (28.7%) injured farm workers and operators were of Hispanic ethnicity where ethnicity was known and 86 (4.1%) were <16 years of age. The age of individuals varied from 4-98 years of age; the median age was 40.0.

Work-Related Farm Injuries by Part of Body Injured, Michigan 2017-2019*



*Information on part of body injured was available for 2,057 (95.1%) of injuries. Percentages are based on the primary diagnosis of the injury.

April 8, 2021

Background

Since January 1, 2015 Michigan's hospitals were required to report work-related farm injuries for all patients. The Occupational and Environmental Medicine Division at Michigan State University prepares periodic reports on work-related farm injuries, available at www.oem.msu.edu.

2017 - 2019 Results

- 25 children, ≤10 years old were injured while doing farm work activities.
- 1,791 (82.8%) individuals were treated in Michigan's hospitals or EDs for work-related farm injuries.
- 53 (3.2%) injured individuals were migrant workers.
- The most common part of the body injured were upper extremities in 769 individuals followed by lower extremities in 541.
- The most common injury source was "cow" (28.9%), followed by machine other than tractor (9.7%).
- The most common nature of injury was a contusion/bruise (19.1%) followed by a fracture (18.8%)
- Dairy farms had the highest number of injuries (400), followed by livestock farms with 271 injuries.

Injury Source of Work-Related Farm Injuries, Michigan 2017-2019*

Injury Source	Number	Percent
Cow	594	28.9
Non Tractor Machine	200	9.7
Tractor	180	8.8
Fall at Ground Level	178	8.7
Fall from Hight	166	8.1
Livestock	99	4.8
Chemical	77	3.7
Tool	67	3.3
Horse	59	2.9
Poultry	6	0.3
<i>Other</i>	429	20.9
Total	2,055	100.0

*Information on injury source was available for 2,055 (95.0%) injuries.

Work-Related Farm Injury Narratives

- A man in his 20's sustained a fracture to his middle finger after a cow stepped on his hand while milking.
- A child under six was hospitalized for two days with a right open hand fracture after his hand was caught in an auger while dispensing animal feed.
- A man in his 60's was hospitalized for twelve days with a displaced right distal clavicle fracture after a tractor rolled over his chest.
- A female in her 20's sustained a compression fracture of her L2 vertebra after she fell from a barn loft while moving hay bales.
- A man in his 40's sustained an amputation of his great toe after a manure spreader dropped onto his foot.
- A man in his 50's sustained a contusion of the left front wall of his thorax after falling off a back of a blueberry picking machine into a metal cart.