

Agricultural Injuries in the Central States Region

Annual Surveys Covering Years 2011-2015 Preliminary Results

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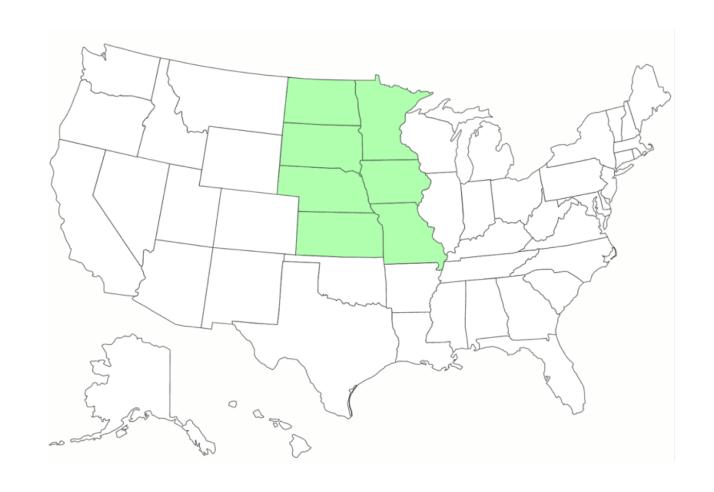
CS-CASH Farm and Ranch Injury Surveys 2011-2015

- Mail surveys designed by CS-CASH
- Administered by USDA-NASS
- Stratified random sample of operations, 1000 per state
- Conducted annually; 2 mailings, no incentives
- Four-page survey form
- Five annual rounds of data collected
- Data analysis by CS-CASH research team from datasets provided by NASS without personal identifiers



Surveys covered a seven-state region

- lowa
- Kansas
- Minnesota
- Missouri
- Nebraska
- North Dakota
- South Dakota

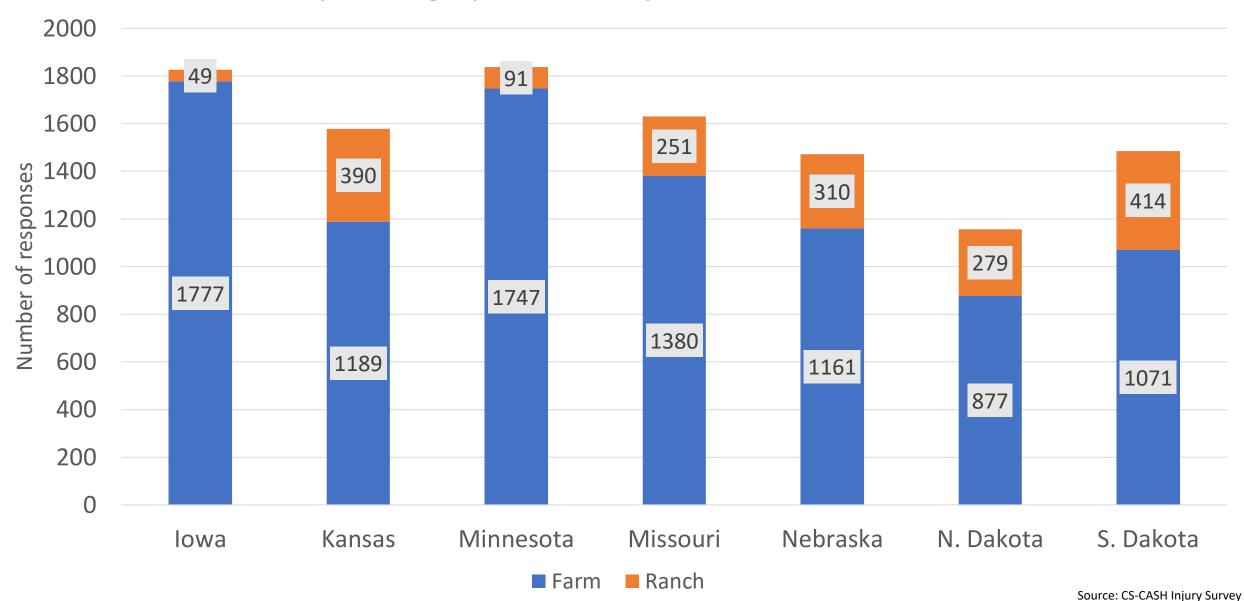




Farm and Ranch Operations

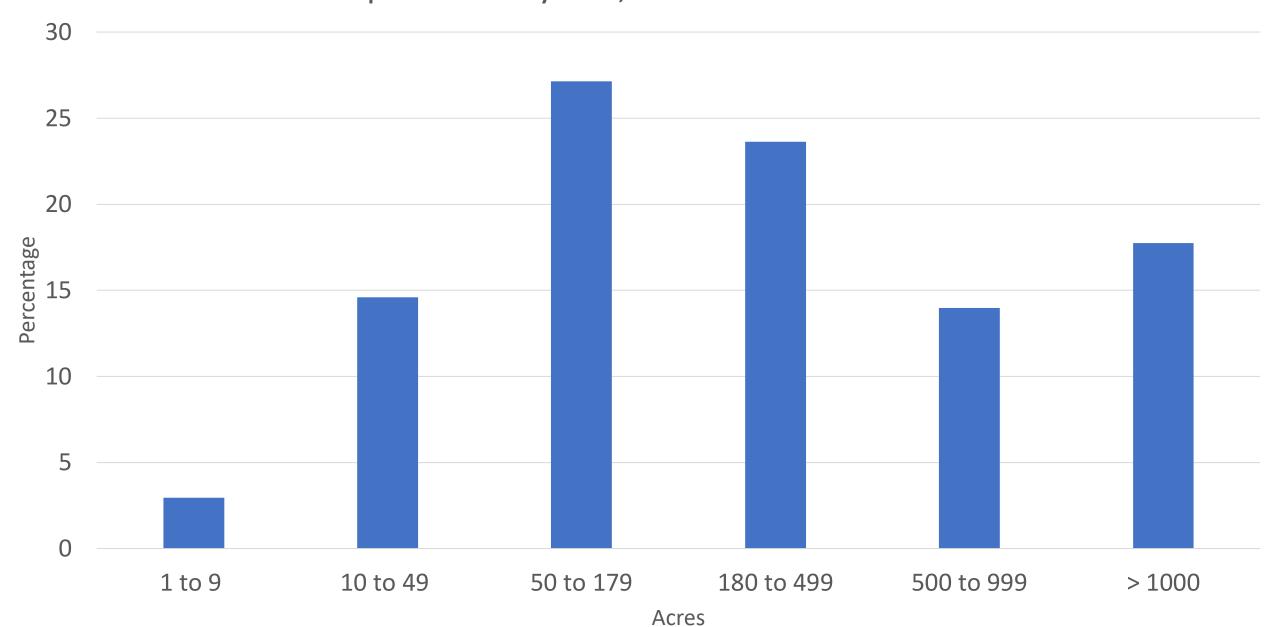


CS-CASH farm and ranch injury survey Number responding operations by state, 2011-2015 (n=10,986)



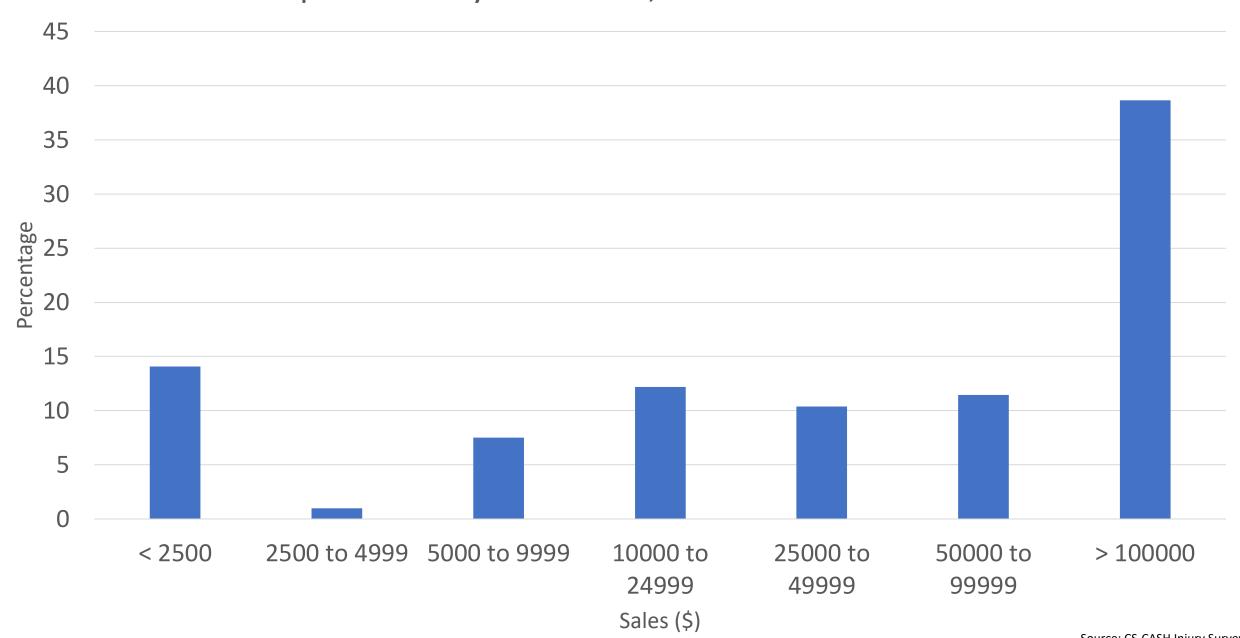


Operations by size, all states combined



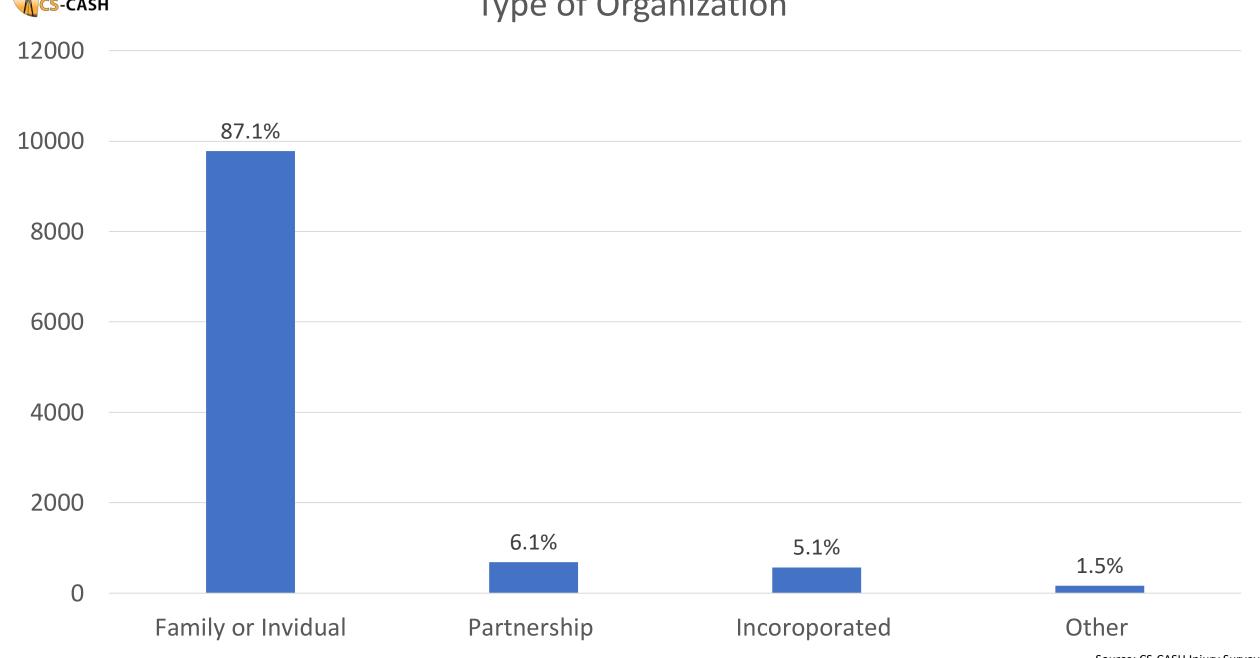


Operations by total sales, all states combined



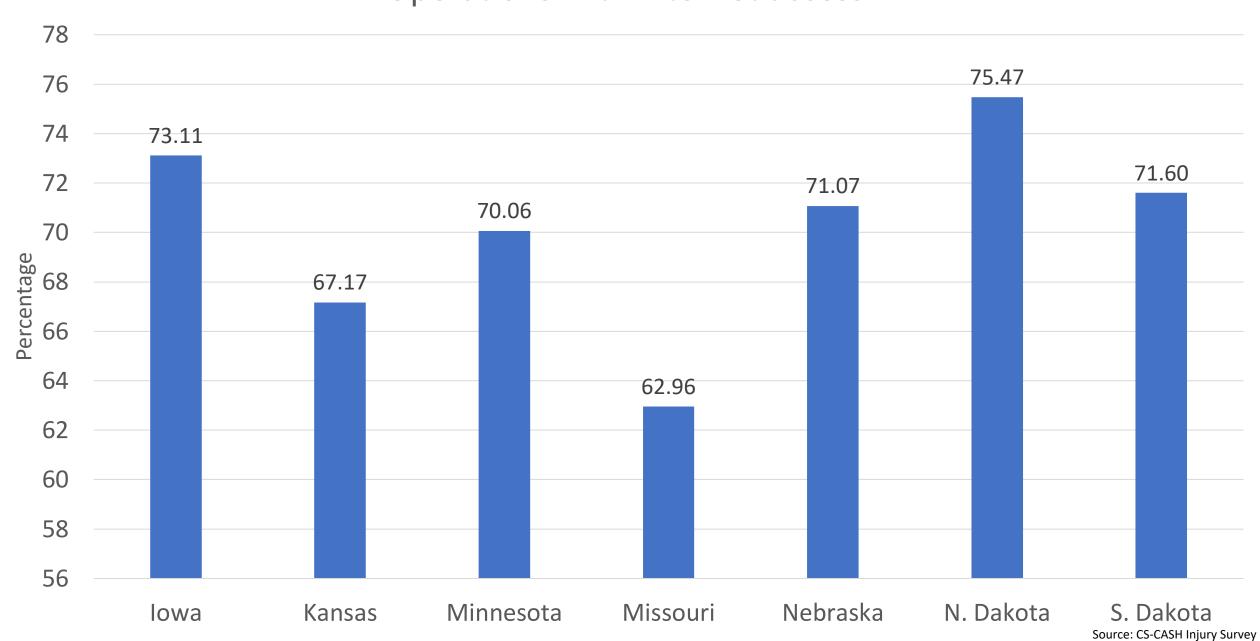


Type of Organization





Operations with internet access

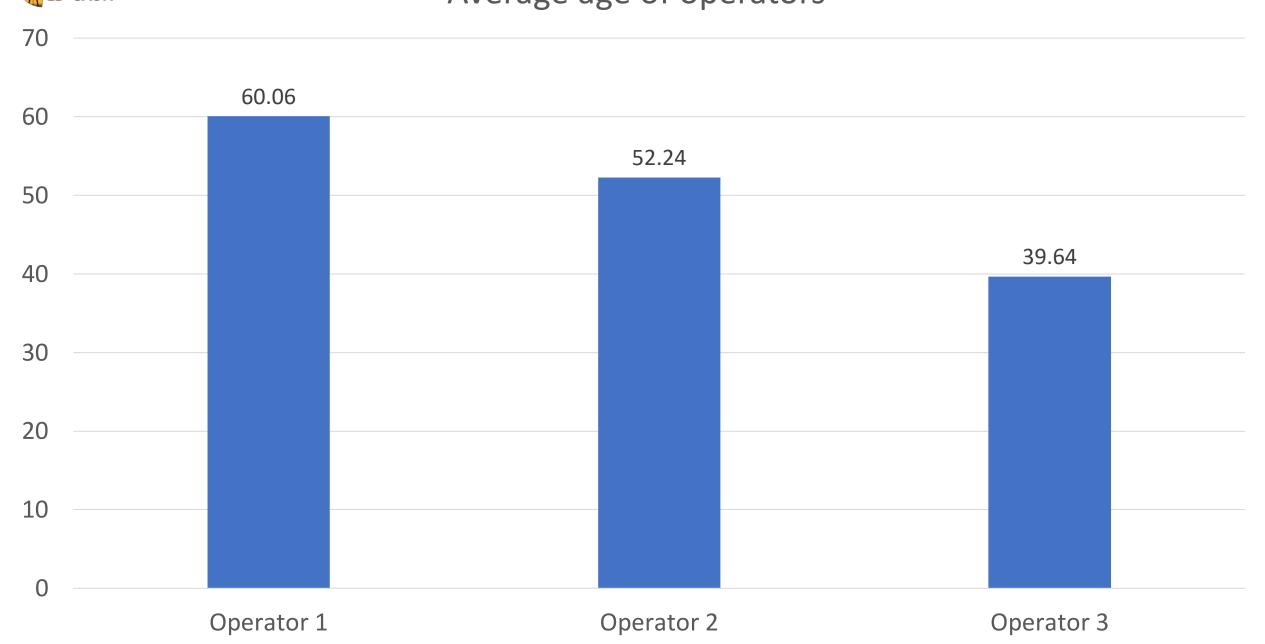




Operators

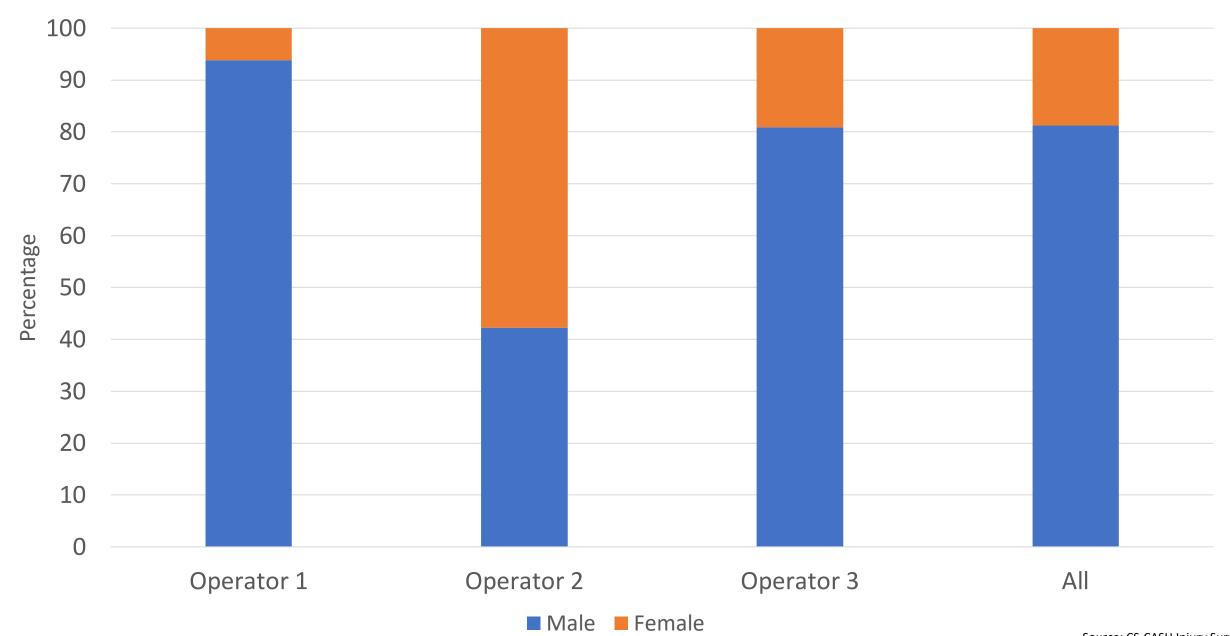


Average age of operators



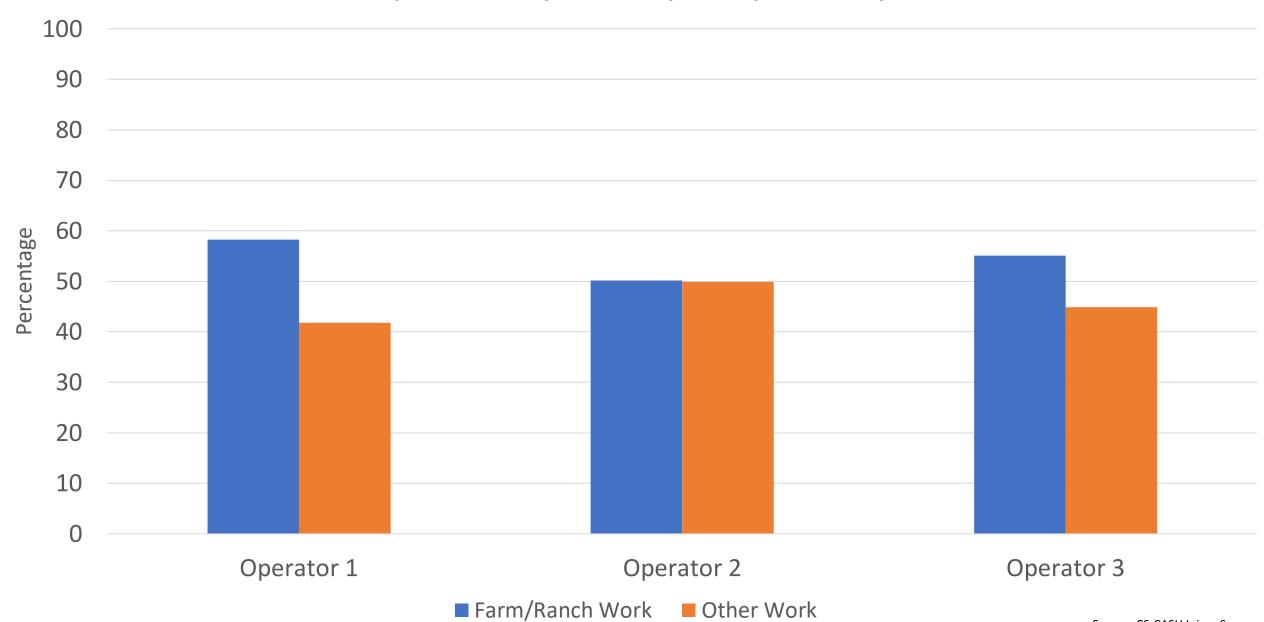


Operators by gender (%) (n=15,704)



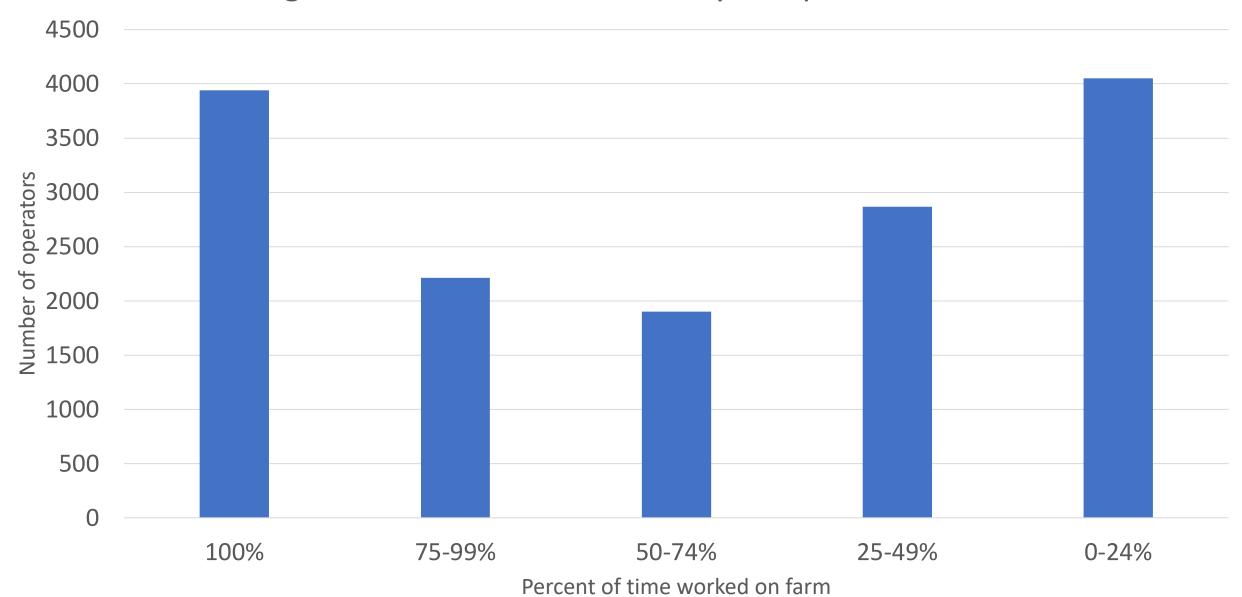


Time operators spend at principal occupation





Percentage of time worked on farm by all operators combined

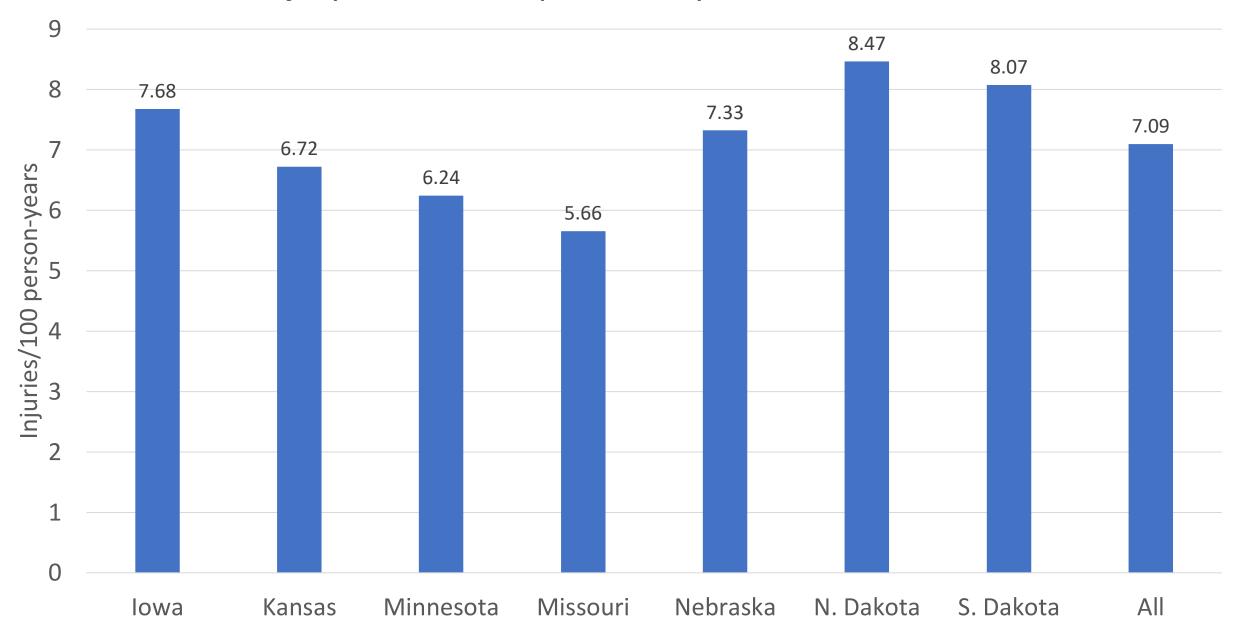




Injuries

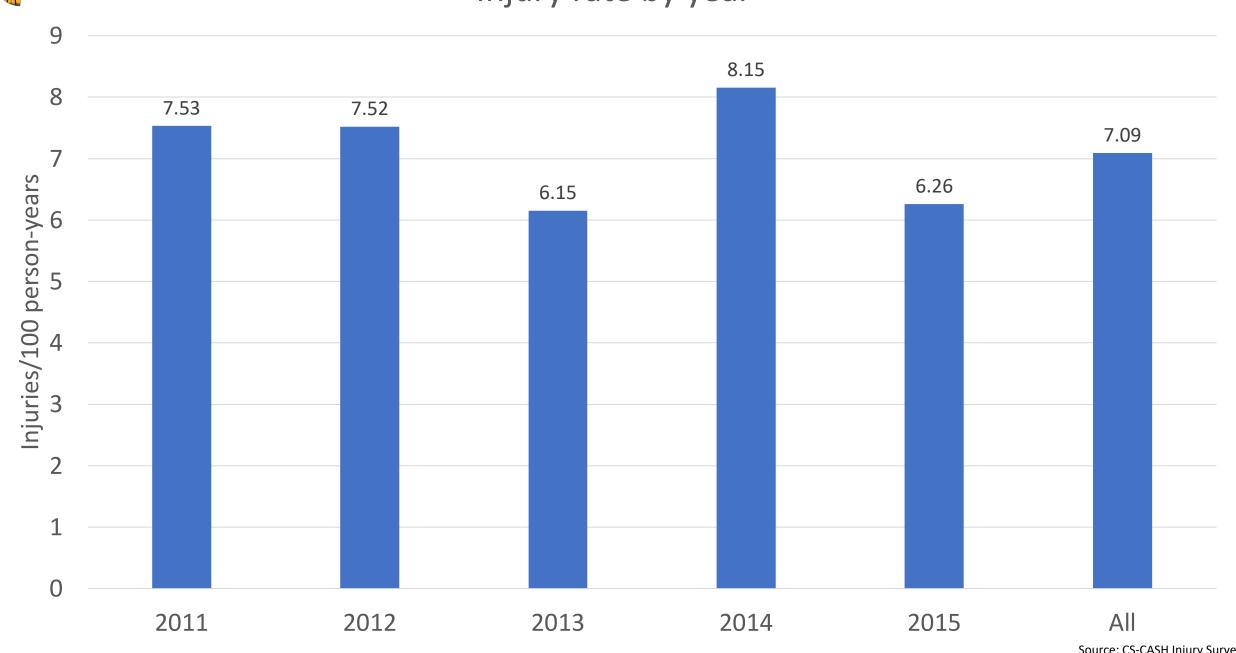


Injury rate for all operators by state, 2011-2015



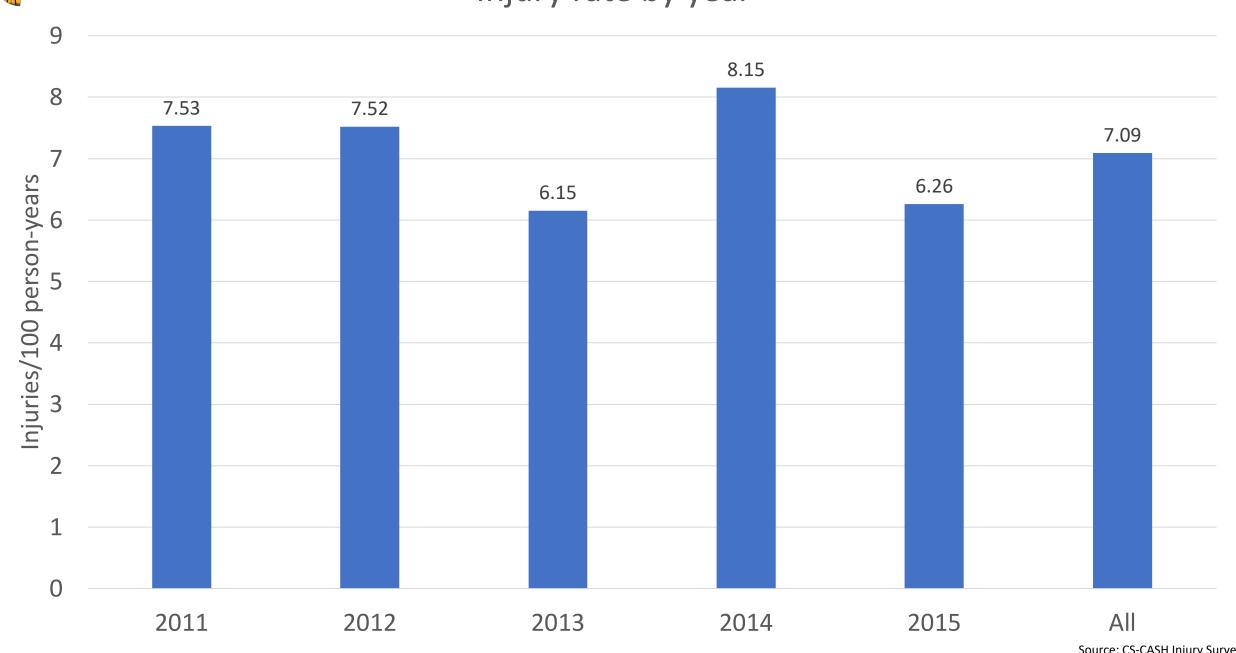


Injury rate by year



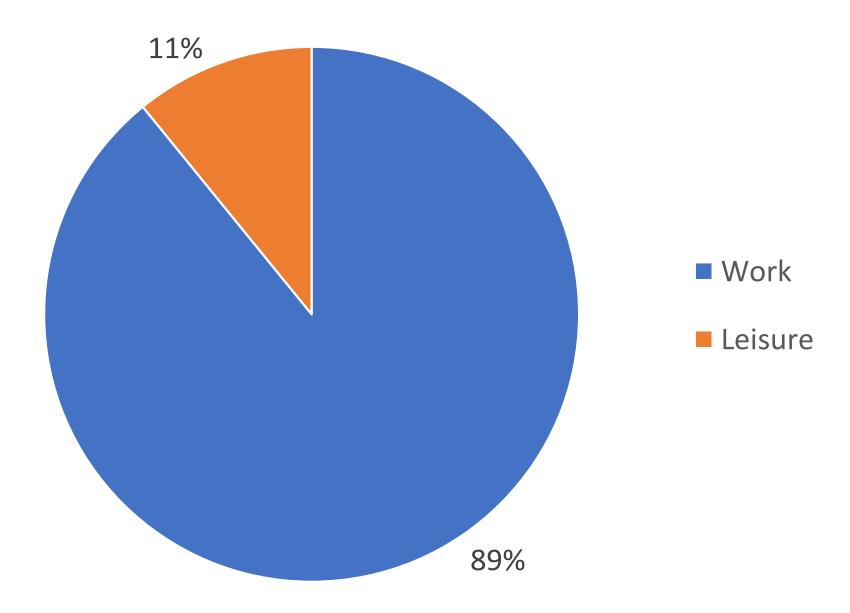


Injury rate by year



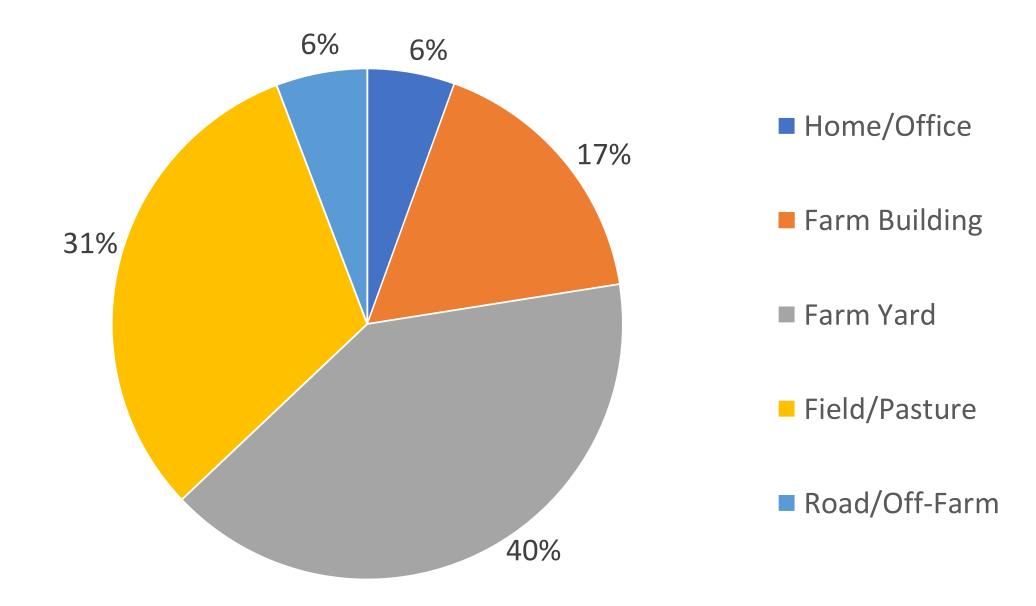


Injuries by activity



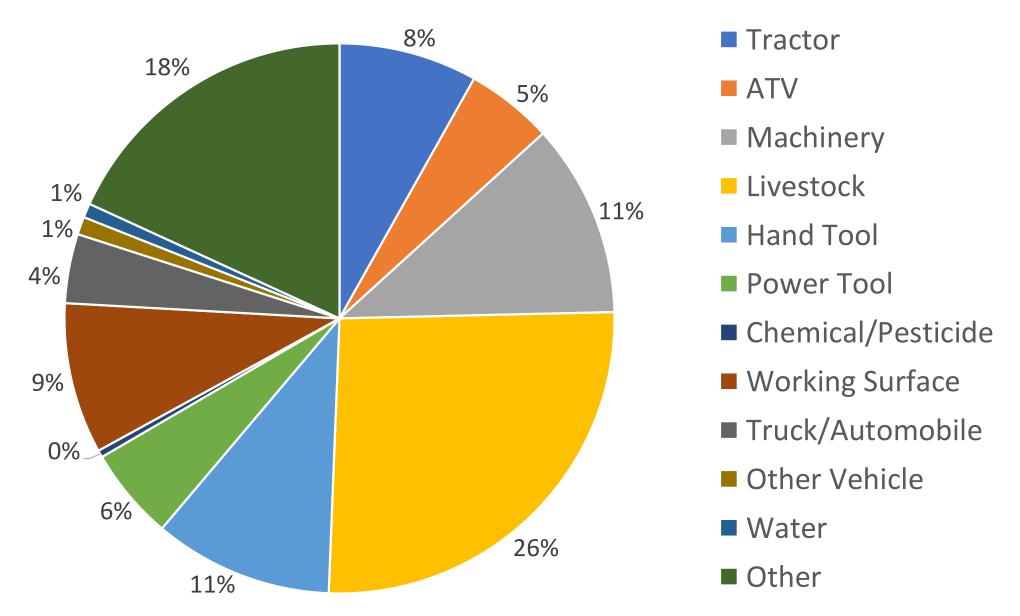


Injuries by location where injury occurred



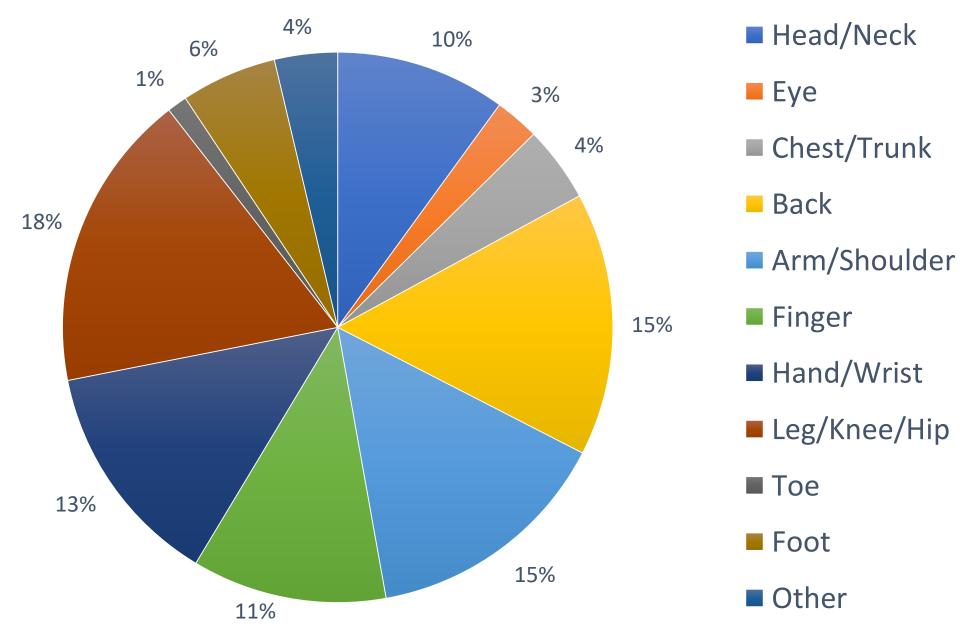


Injuries by cause/source of injury



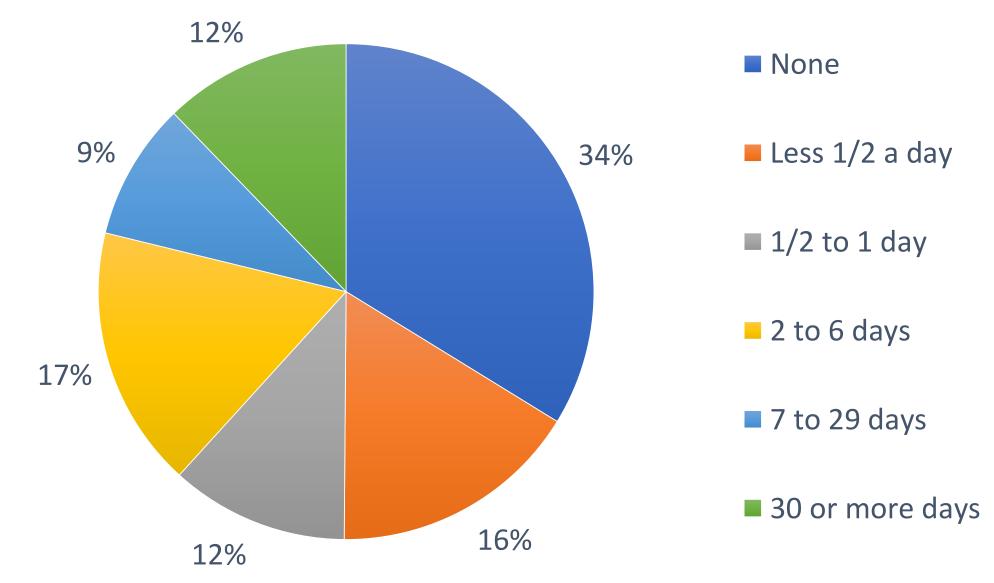


Injuries by injured body part



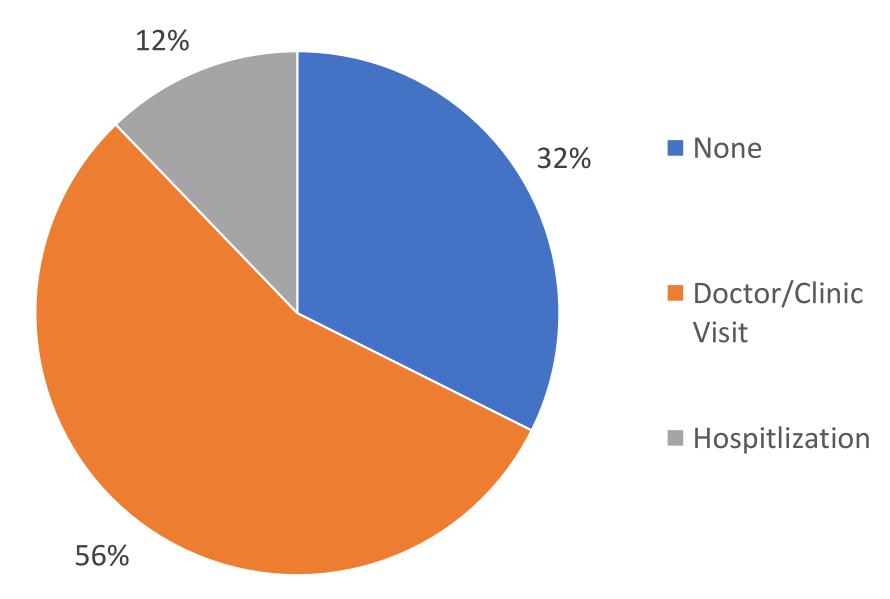


Injuries by lost time due to disability





Medical care required



Summary of results; 2011-2015

- Response rates varied from 29% to 37%
- Avg. rate: 7.1 injuries / 100 operators per year
- Likelihood of injury to operator: 1 injury in ~14 years
- Average costs of injury:
 - Medical; out-of-pocket: \$1,513
 - Medical; covered by insurance: \$7,282
 - Medical; combined: \$8,795
 - Estimate, including lost productivity and indirect costs (4*): \$35,180

