

Work-related Traumatic Brain Injury in Oregon

Trauma Registry Data and Deaths 2009-2014

WestON – September 30, 2016

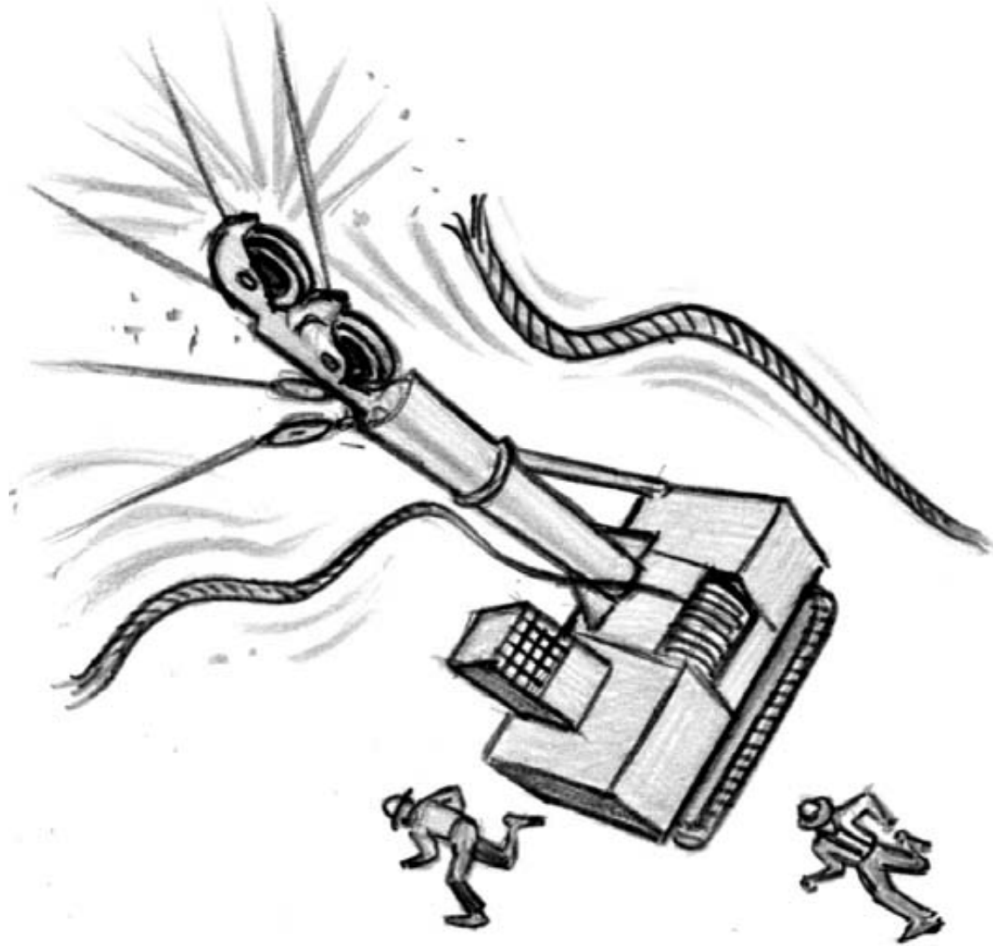
Oregon Occupational Public Health Program

Center for Health Protection

Public Health Division



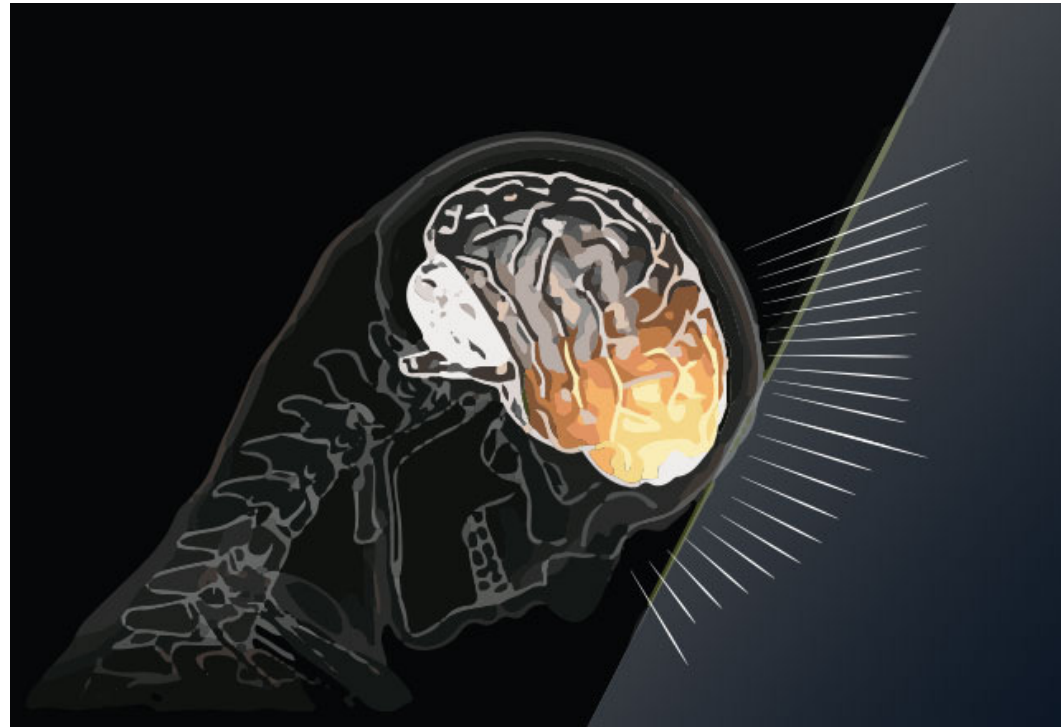
Case study

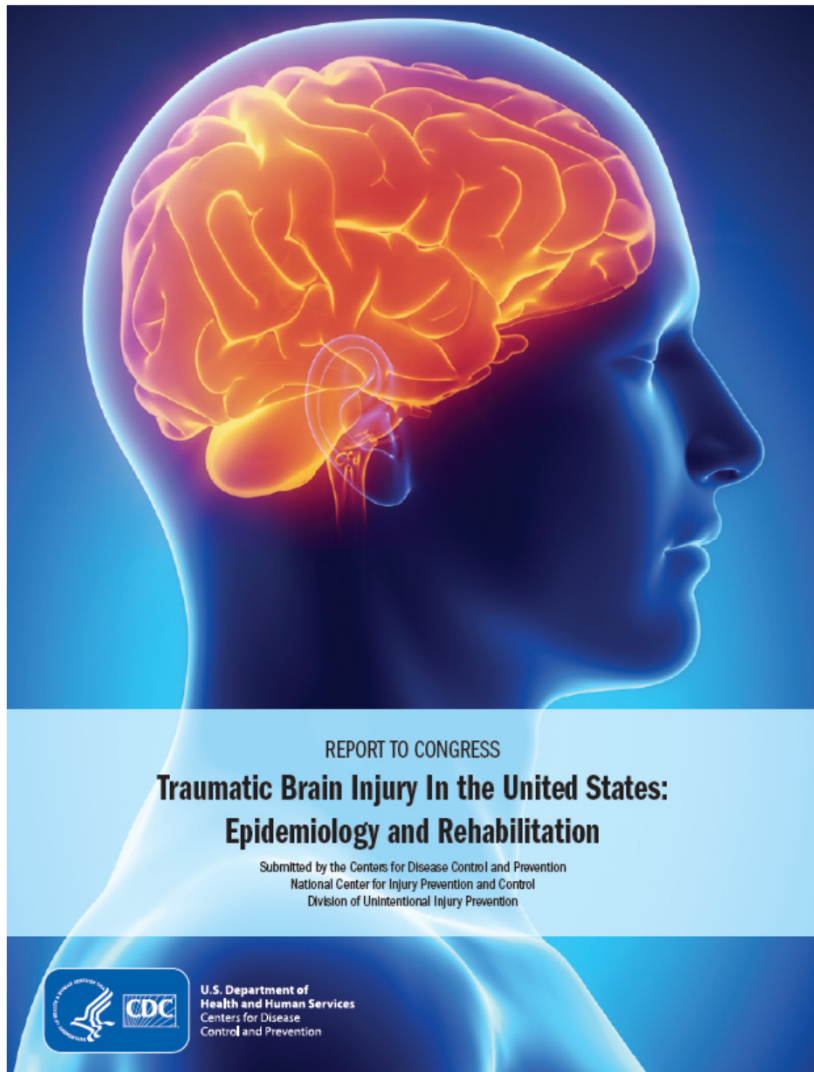


2



What is traumatic brain injury (TBI)





In one year alone,
TBIs accounted for
approximately:

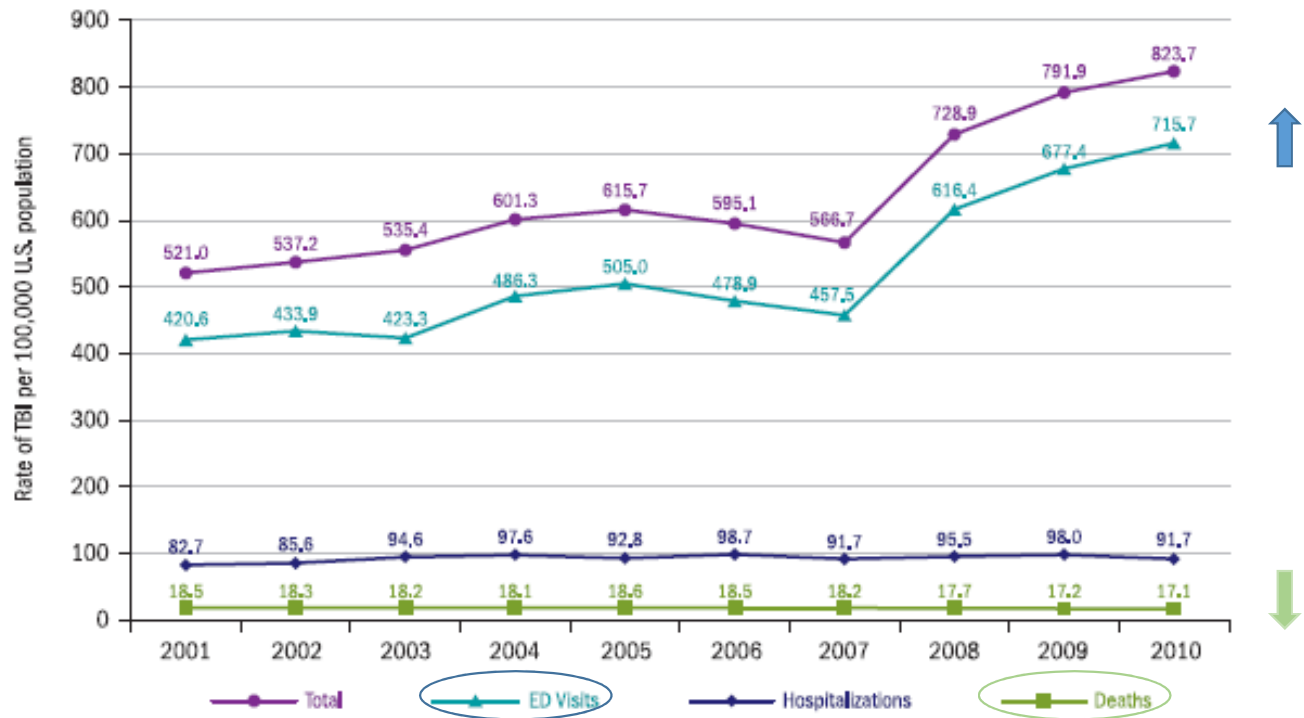
2.2 million
EMERGENCY
DEPARTMENT VISITS

280,000
HOSPITALIZATIONS

50,000
DEATHS



Figure 1. Annual age-adjusted rates of TBI-related Emergency Department (ED) visits, hospitalizations, and deaths—United States, 2001-2010





The FY 2016
President's Budget
Includes an Increase of
\$5 million for CDC to improve
estimates of sports- and
recreation-related concussions
experienced by youth.



What about occupational TBI?

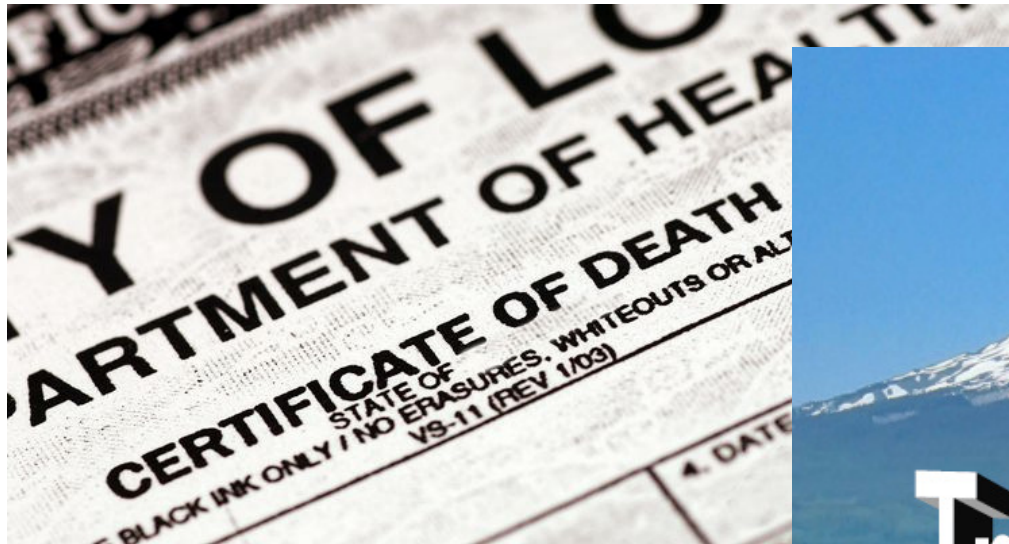
TBI = 22% * work-related injury
fatalities



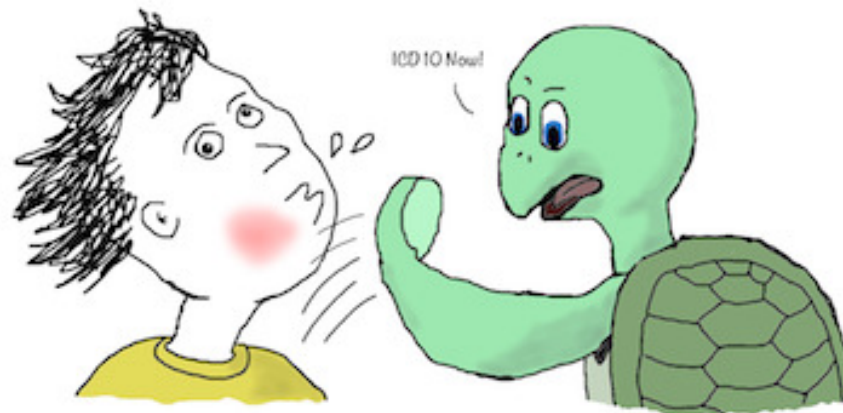
Research Aim



Methods and Data Sources

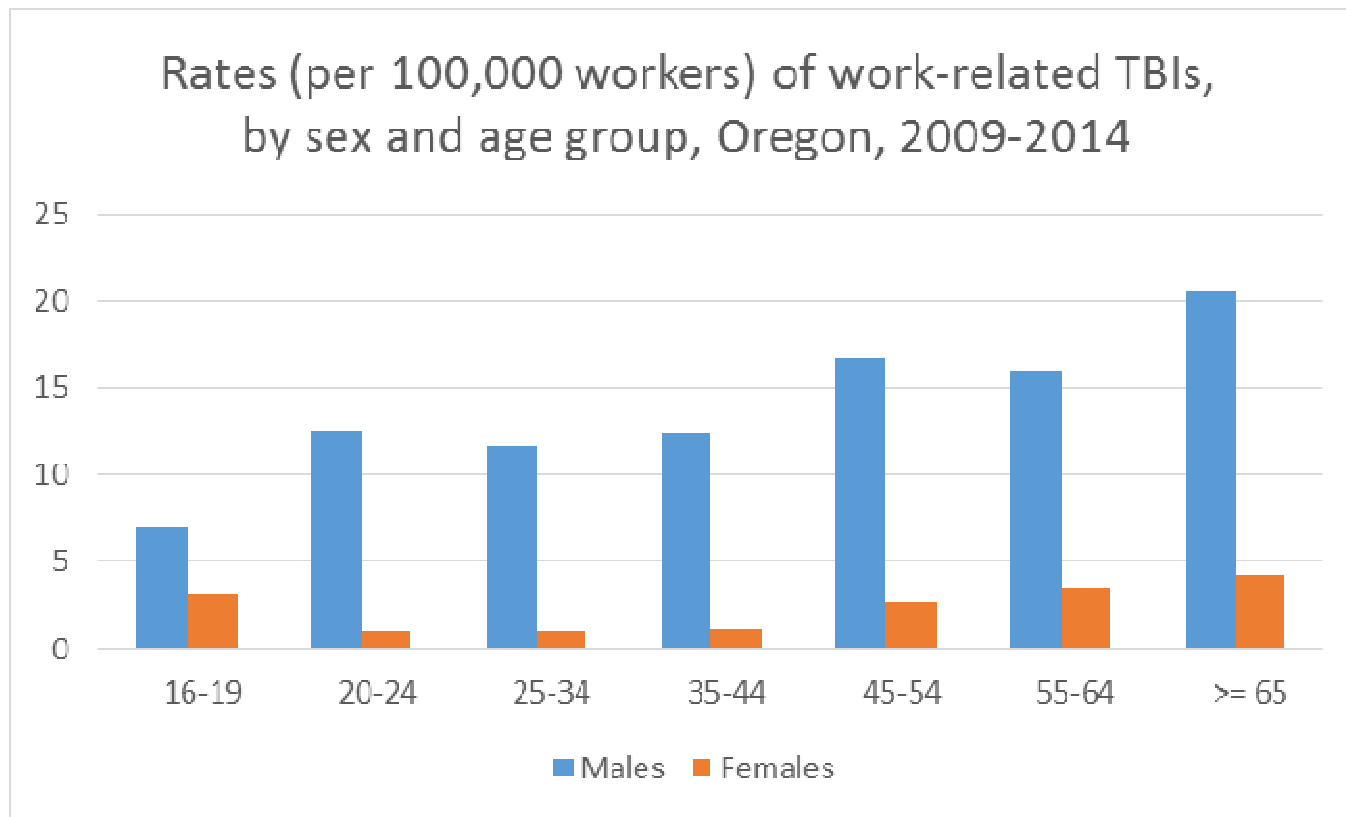


Methods and Data Sources

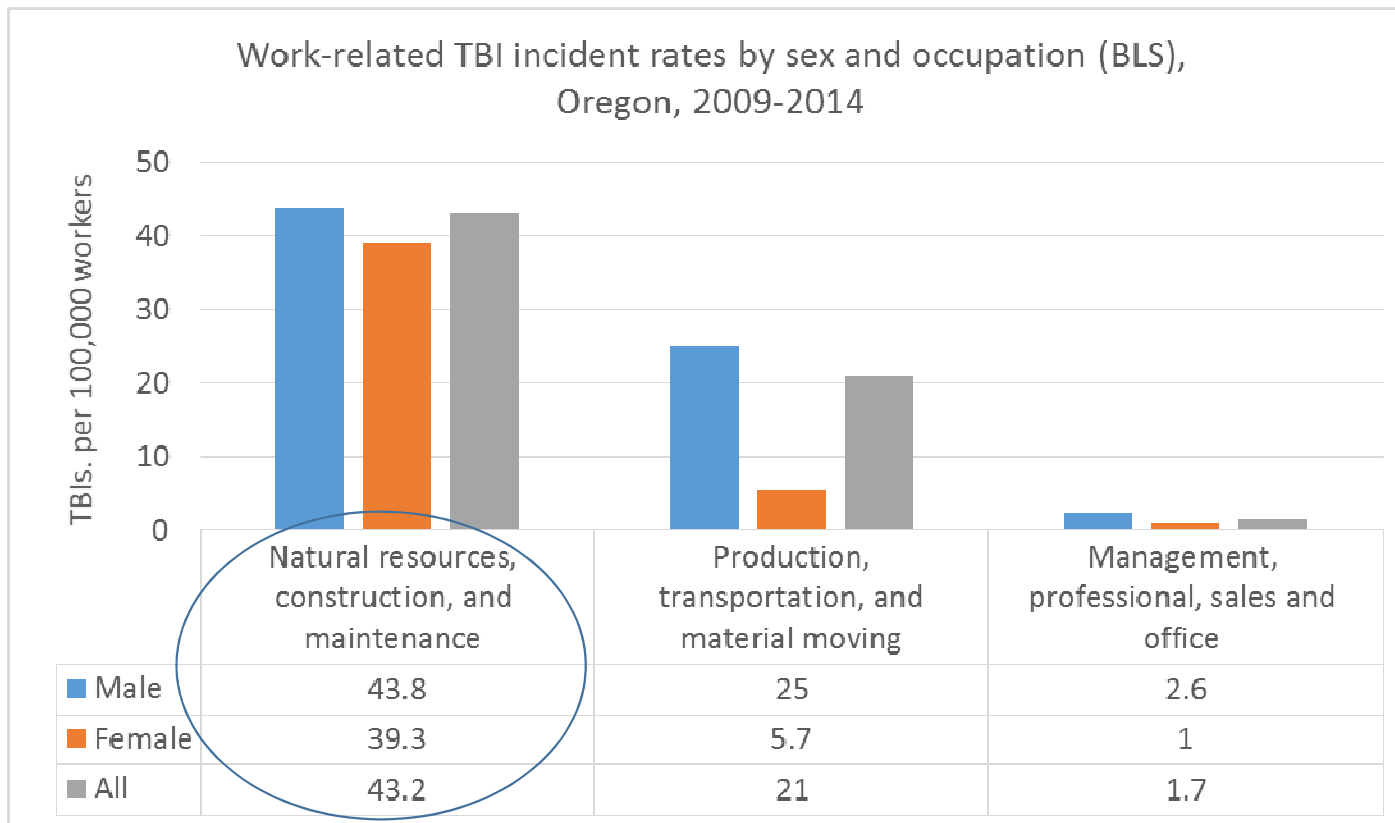


W59.22 Struck by Turtle
© icd10now.com

Work-related TBI by sex and age



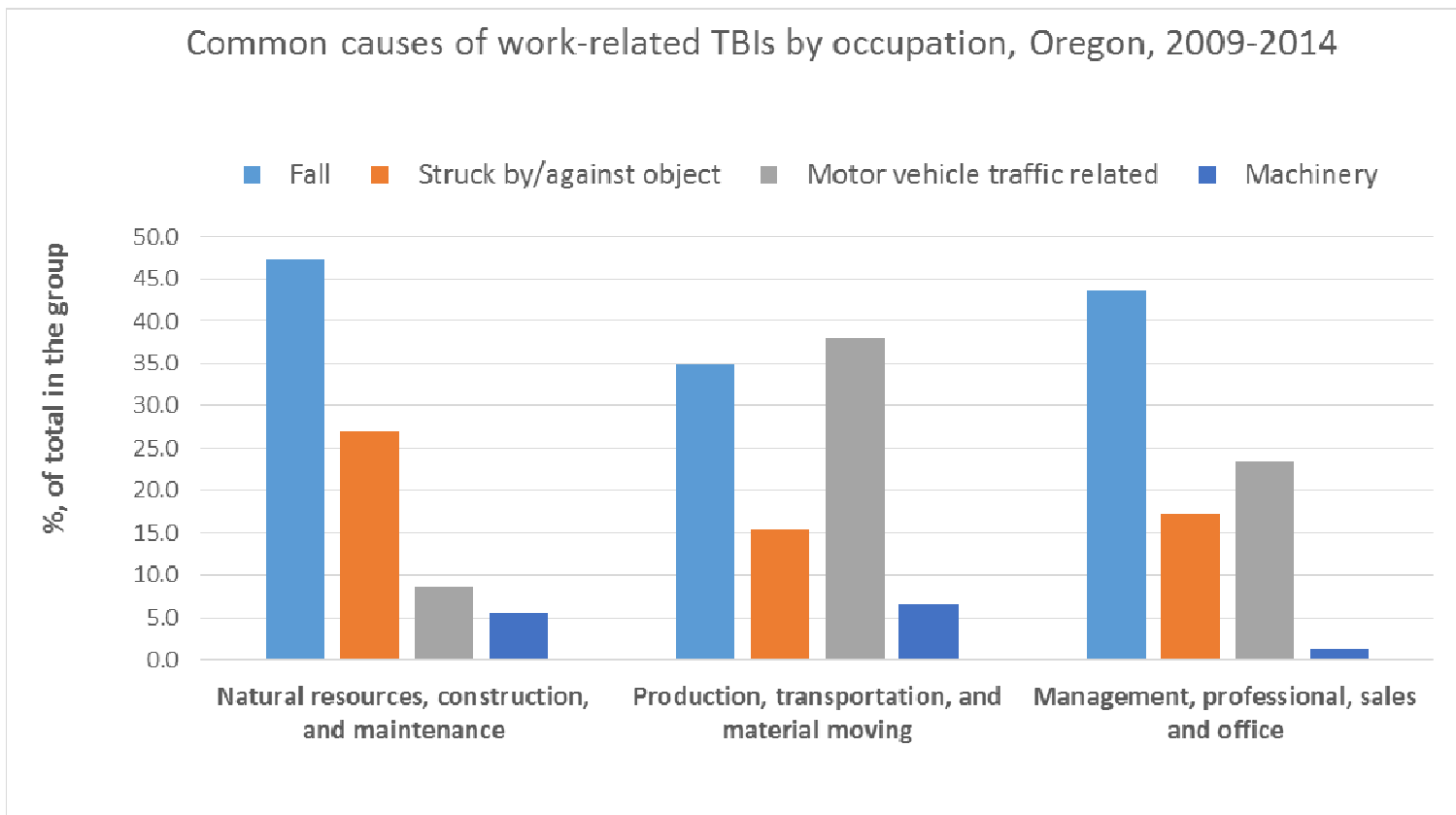
Work-related TBI by occupation



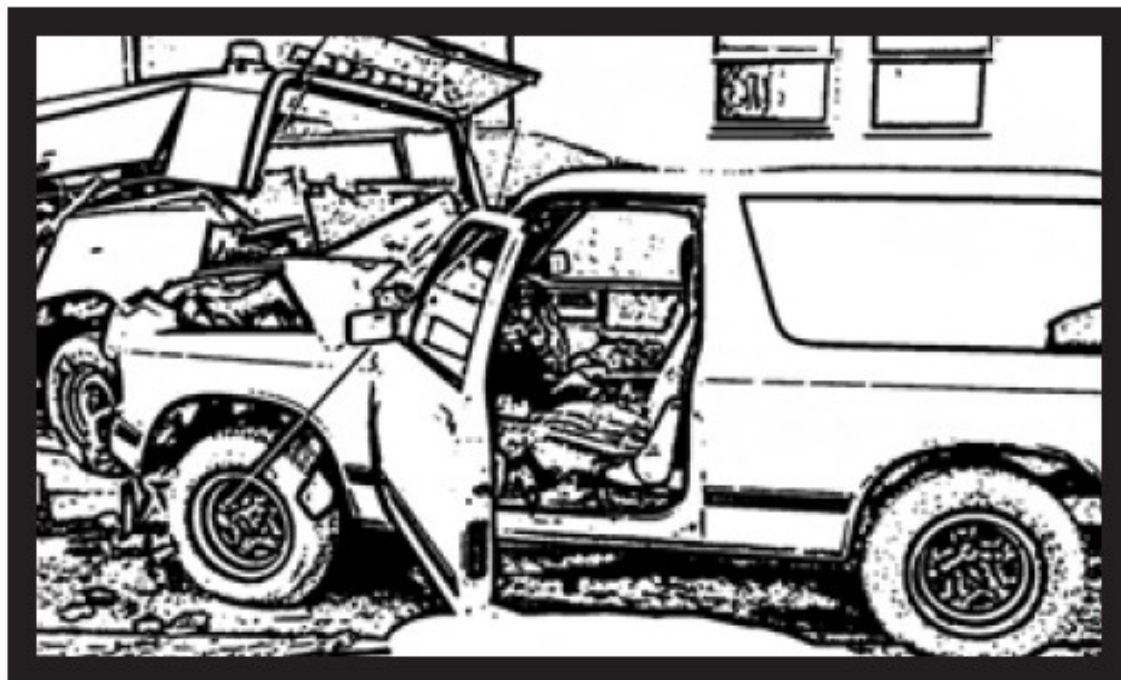
Work-related TBI by ethnicity and occupation/industry



Work-related TBI by mechanism & occupation



Work-related TBI by mechanism

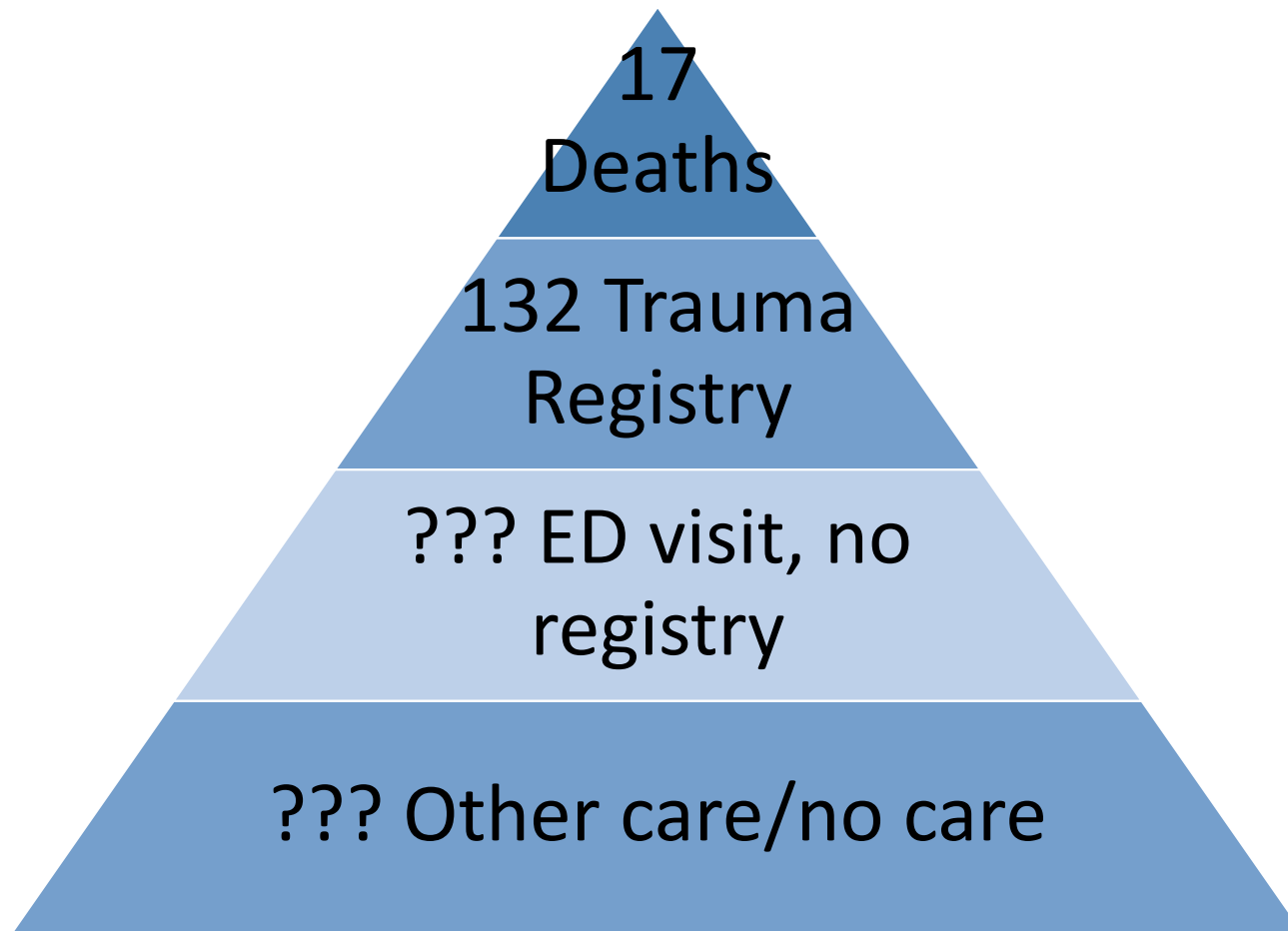


Work zone intrusion – actual scene

Work-related TBI by place



Average annual number of work-related TBI, Oregon 2009-2014



Summary



Conclusion



Acknowledgements

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