

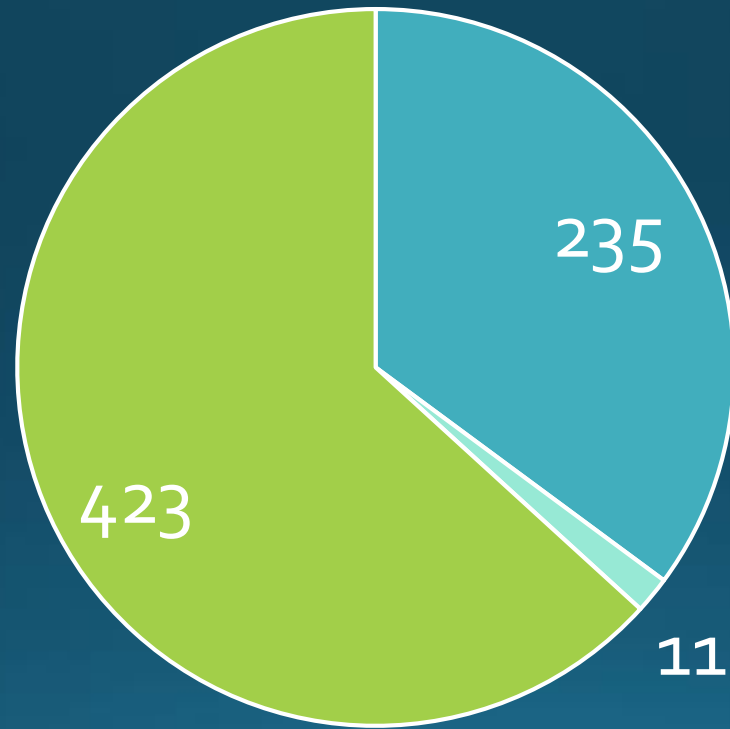
ATSSA Chesapeake & Virginia Chapters
October 13, 2016

Crash Data in Work Zones



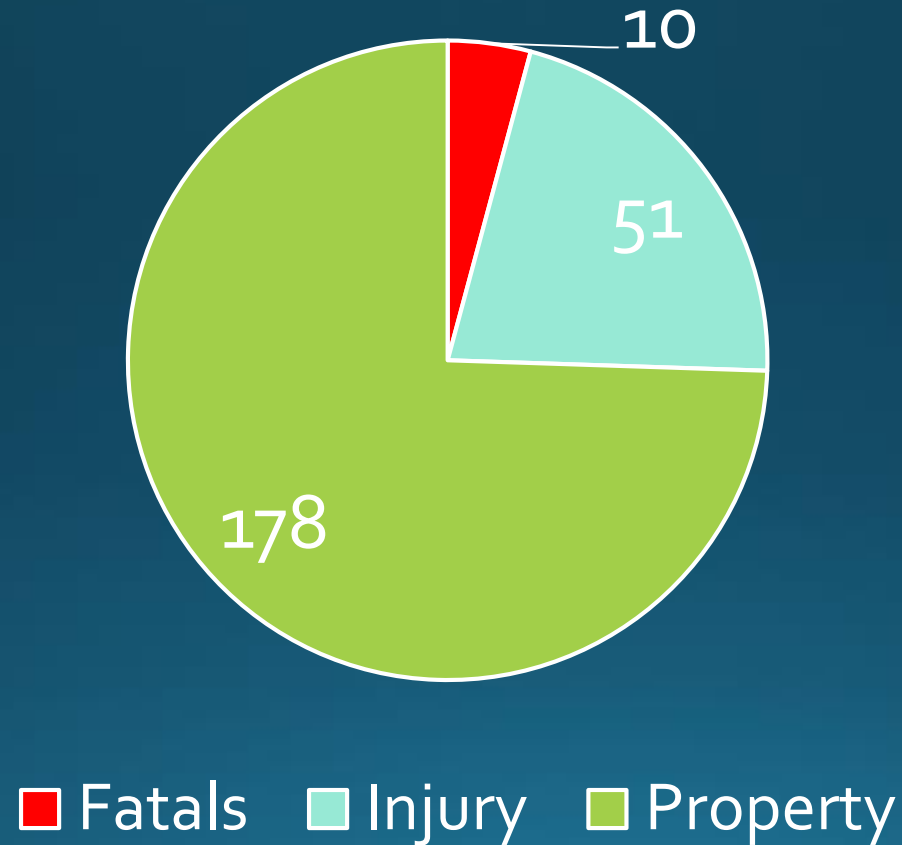
*Dave Czorapinski, Chief
John Rotz, Asst. Chief
Motor Carrier Division*

2014 Work Zone Fatalities Nationwide



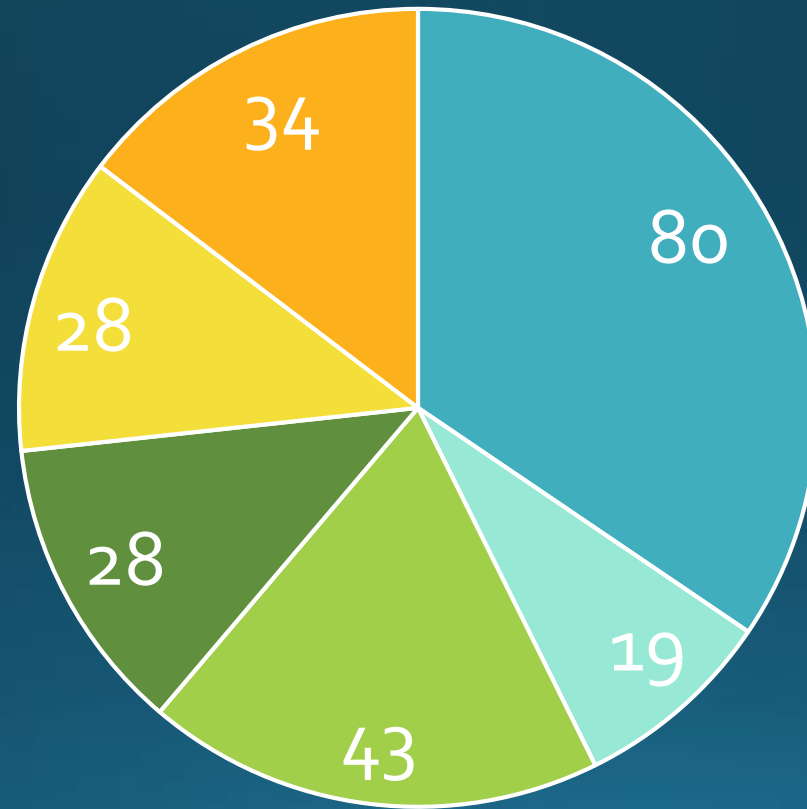
Legend: ■ Large Trucks ■ Buses ■ Other Vehicles

Maryland Commercial Vehicle Crashes in Work Zones - CY2014



Commercial Vehicle Work Zone Crashes

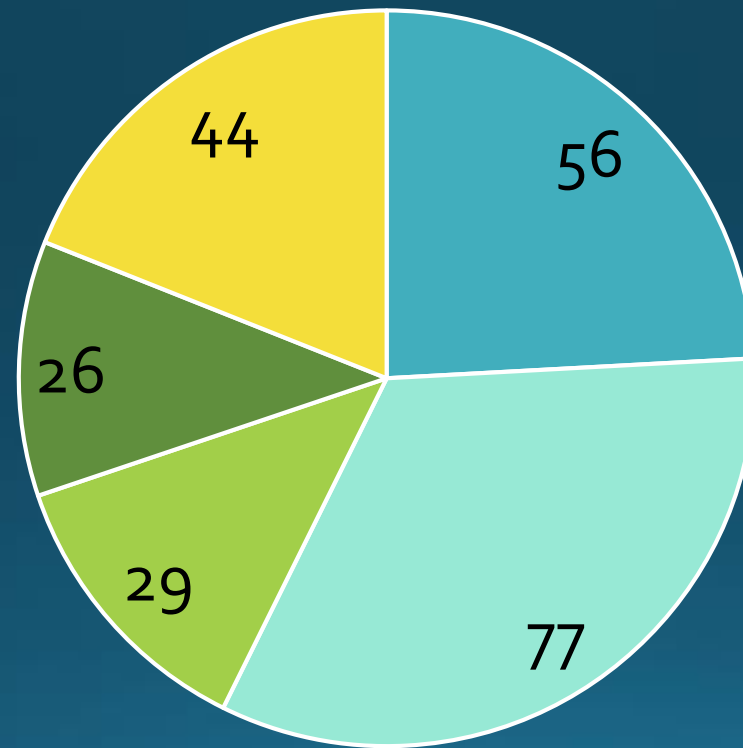
Type Of Highway



■ IS ■ US ■ MD ■ County ■ Balto City ■ All Other

Commercial Vehicle Work Zone Crashes

Type of Crash



■ Rear end ■ Sideswipe ■ Parked vehicle ■ Fixed Object ■ Other

What Does the Data Tell Us?



Data Challenges

- Uniform Roadside Crash Reporting/Training
 - Active/Not Active
 - Signed/Not Signed
 - Cones/No Cones
 - Attenuator Truck present/not present
 - Record from sign to sign, area of activity, advance warning
 - How is database populated – check box, narrative, diagram, supplemental
 - How are work zone locations stored and accessed

Crash Mitigation Strategies

Large Work Zones

- DMS – “Road Work Ahead – 1 Mile”
- Static Signs – “Work Zone” “Fines Doubled” “Right Lane Ends”
“Lanes Shift” “New Traffic Patterns” “Reduce Speed”
- Dynamic Speed Sign – “Your Speed is 70 MPH”
- Enforcement presence – Cruiser with flashing lights
- Speed camera (green spot-a-pot and white SUV)
- 511 and other traveler advisory applications
- CHART website for active roadway monitoring
- Public outreach – Share the Road – avoid tailgating & cut offs

Share the Road Smooth Operator Our Roads Our Responsibility

- Cars tailgating trucks have no forward visibility
- Cars that ride in a truck's blind spot are at risk to a lane change
- Cars that cut back in front of a truck and then stop abruptly deny adequate stopping distance for the truck – trucks take 40% longer to stop

DON'T TAILGATE

TRUCKS



**SMOOTH
OPERATOR**

We're Tough on Aggressive Drivers!

Aggressive driving?... **BIG** MISTAKE!

DON'T CUT OFF
TRUCKS



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