Brook W. Chipman,
EOPSS Highway Safety Division

Traffic Records Coordinating Committee:
Improving Crash Reporting
MA Traffic Records Systems

- Citation/Adjudication: Merit Rating Board & Courts
- Crash: MassDOT/RMV
- Driver Licensing: RMV
- Vehicle Registration: RMV
- Injury/EMS: MDPH
- Roadway Inventory: MassDOT/Planning
MA Crash Data System

- Based on crash reports submitted electronically and on paper form by state and local police, per state law, to RMV

- Helps RMV to contribute data to National Highway Traffic Safety Administration’s (NHTSA) Fatality Analysis Reporting System (FARS)

- RMV’s Crash Data System upgrade being planned

- MassDOT Crash Data Portal *(Anticipated upgrade in early 2019)*: services.massdot.state.ma.us/crashportal
MA Traffic Records Coordinating Committee (TRCC)

- Required for states to receive federal traffic records funding (Section 405-c) from NHTSA

- TRCC administered by Executive Office of Public Safety & Security/Office of Grants & Research/Highway Safety Division (EOPSS/OGR/HSD)

- MA TRCC has two-levels, Executive and Working Group; diverse membership of traffic records system hosts and users

- Public meetings, held about four times a year
TRCC Mission

Through coordinated efforts of its member organizations, provide forum for creation, implementation, management and dissemination of accessible, accurate, complete, integrated, timely, and uniform traffic records data to aid decision-makers working to reduce transportation-related fatalities, injuries, and economic losses in Massachusetts.
TRCC Purposes

- Annual 405-c application to NHTSA
- 405-c funded project decisions
- Annual updates to required MA Strategic Plan for Traffic Records Improvements
- Helps EOPSS/OGR/HSD with oversight of 405-c funded projects
- Reach collaborative solutions to common problems
Current TRCC Projects

- Motor Vehicle Automated Citation & Crash Systems (MACCS)
- New MA Traffic Records Analysis Center (MassTRAC)
- Improved Data Linkage (Crash & EMS)
- Boston Bike-Ped Vehicular Information
- Data Quality of Crash Reports Accepted with Warning
- MA Ambulance Trip Record Information System (MATRIS) & Trauma Registry
Yearly MA Crash Fatalities

Traffic Fatalities

<table>
<thead>
<tr>
<th>Year</th>
<th>Traffic Fatalities</th>
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<tbody>
<tr>
<td>2012</td>
<td>389</td>
</tr>
<tr>
<td>2013</td>
<td>383</td>
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<td>2014</td>
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<td>2015</td>
<td>358</td>
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<tr>
<td>2016</td>
<td>400</td>
</tr>
<tr>
<td>2017</td>
<td>370</td>
</tr>
</tbody>
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Pedestrian Data

• Nationally, pedestrian fatalities (5,977) were 16% of all traffic-related deaths in 2017.

• In Massachusetts, pedestrian fatalities (74) were 21% of all traffic-related deaths in 2017.

• MA pedestrian fatalities decreased 3% from 2008 to 2017, while nationally, pedestrian fatalities increased 35% in the same period.

• Boston is the top city in MA for pedestrian fatalities.

• 91 pedestrian fatalities from 2008-2017. Pedestrian fatalities accounted for nearly 40% of Boston’s traffic-related fatalities.

• This is the highest percentage of pedestrian fatalities to traffic-related fatalities in MA from 2008 to 2017 (91 of 228 traffic fatalities).
Bicyclist Data

- Nationally, bicyclist fatalities (777) were 2.1% of all traffic fatalities in 2017

- In Massachusetts, bicyclist fatalities (11) were 3.1% of all traffic fatalities in 2017

- MA bicyclist fatalities averaged 9 per year from 2008 to 2017

- 19% of MA bicycle fatalities occurred in Suffolk County from 2008 to 2017 (17 of 90 fatalities reported)
Resources

- MassDOT Crash Data Portal *(Anticipated upgrade in early 2019)*: services.massdot.state.ma.us/crashportal
- Fatality Analysis Reporting System: www.nhtsa.gov/research-data/fatality-analysis-reporting-system-fars
- EOPSS/OGR/HSD: mass.gov/highwaysafety
- City of Boston: www.boston.gov/transportation/vision-zero#reports-and-updates
Q & A