Local Road Safety Plan Peer Exchange

OTS Programs
October 22, 2019

California Office of Traffic Safety
Effectively and efficiently administer traffic safety grants while fostering partnerships to deliver innovative programs that reduce traffic deaths, injuries, and economic losses.
37,133
102 Fatalities Per Day
OVER 660 PEOPLE EACH WEEK FOR A YEAR
Almost 10 Fatalities Per Day In California
94%
Collision Factors

- Human 94%
- Infrastructure (28%)
- Vehicle 8%
THE ROAD TO ZERO COALITION

• OVERALL SYSTEM DESIGN
EVIDENCE BASED PROBLEM IDENTIFICATION

• Data Sources
• Fatality Analysis Reporting System (FARS)
• Statewide Integrated Traffic Records System (SWITRS)
• OTS Rankings
<table>
<thead>
<tr>
<th>Agency</th>
<th>Year</th>
<th>County</th>
<th>Group</th>
<th>Population (Avg)</th>
<th>DVMT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventura</td>
<td>2016</td>
<td>VENTURA COUNTY</td>
<td>B</td>
<td>111085</td>
<td>1173211</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>TYPE OF COLLISION</th>
<th>VICTIMS KILLED &amp; INJURED</th>
<th>OTS RANKING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Fatal and Injury</td>
<td>1037</td>
<td>10/58</td>
</tr>
<tr>
<td>Alcohol Involved</td>
<td>89</td>
<td>18/58</td>
</tr>
<tr>
<td>Had Been Drinking Driver &lt; 21</td>
<td>4</td>
<td>28/58</td>
</tr>
<tr>
<td>Had Been Drinking Driver 21 – 34</td>
<td>40</td>
<td>7/58</td>
</tr>
<tr>
<td>Motorcycles</td>
<td>28</td>
<td>42/58</td>
</tr>
<tr>
<td>Pedestrians</td>
<td>50</td>
<td>8/58</td>
</tr>
<tr>
<td>Pedestrians &lt; 15</td>
<td>4</td>
<td>28/58</td>
</tr>
<tr>
<td>Pedestrians 65+</td>
<td>7</td>
<td>7/58</td>
</tr>
<tr>
<td>Bicyclists</td>
<td>60</td>
<td>3/58</td>
</tr>
<tr>
<td>Bicyclists &lt; 15</td>
<td>8</td>
<td>4/58</td>
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<tr>
<td>Composite</td>
<td>517</td>
<td>14/58</td>
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<table>
<thead>
<tr>
<th>TYPE OF COLLISION</th>
<th>FATAL &amp; INJURY COLLISIONS</th>
<th>OTS RANKING</th>
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<tbody>
<tr>
<td>Speed Related</td>
<td>253</td>
<td>12/58</td>
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<tr>
<td>Nighttime (9:00pm – 2:59am)</td>
<td>64</td>
<td>31/58</td>
</tr>
<tr>
<td>Hit and Run</td>
<td>67</td>
<td>12/58</td>
</tr>
</tbody>
</table>
4D’s and Speeding

Drunk Driving
Drugged Driving
Distracted Driving
Drowsy Driving
Speeding
5Es

• Enforcement
• Education
• Engineering
• Emergency Medical Services
• Emerging Technologies
Countermeasures/Strategies

Countermeasures That Work:
A Highway Safety Countermeasure Guide
For State Highway Safety Offices
Ninth Edition, 2017
Program Areas

• Alcohol Impaired Driving
  • Drug Impaired Driving
  • Distracted Driving
• Police Traffic Services
• Pedestrian and Bicycle Safety
  • Occupant Protection
  • Motorcycle Safety
• Traffic Records/Roadway Safety
  • Emergency Medical Services
OTS Funded Enforcement Activities
Impaired Driving

The proportion of drivers with measurable alcohol levels declined by about 30 percent from 2007 to 2014.

About 20 percent of drivers tested positive for at least one drug in 2014, up from 16.3 percent in 2007.

California legalized recreational marijuana as of January 2017.

Recreational sales started in January 2018.
NON-MOTORIZED FATALITIES

858 Pedestrian fatalities down 8% in 2017
But up 18% since 2014

124 Bicyclist fatalities down 20% in 2017
Down 3% since 2014
MOTORCYCLE FATALITIES

529 Motorcycle Fatalities in 2017
Education and Awareness

• CHP and Local Law Enforcement
• Alcoholic Beverage Control
• University of California
• Local Public Health Agencies
TEEN PROGRAMS

• Start Smart
• Every 15 Minutes
• Impact Teen Drivers
• Friday Night Live
• SADD
• DUI Courts
• RADD- College Campuses
It’s a busy world out there and we’re all in it together.
SAFETY TECHNOLOGIES

- Lane Departure Warning
- Vehicle 2 Vehicle
- Forward Collision Warning
- Frontal Pedestrian Impact Mitigation Breaking

Driver Alcohol Detection System for Safety (DADSS)
An integrated non-invasive, seamless technology to measure driver BAC
Additional Efforts to Zero
PARTNERS