Challenge Area 1: Reduce Impaired Driving-Related Fatalities

Summary of Updated Data, 2008-2010

Data reports have been provided for Challenge Area 1: Summary of California Traffic Injury Trends, Area 1: Reduce Impaired Driving-Related Fatalities, for years 2003-2005, 2006-2008, 2008-2010. The following table summarizes the overall number of injury collisions and fatalities with those for Challenge Area 1.

<table>
<thead>
<tr>
<th>Year</th>
<th>Injury Collisions</th>
<th>Fatalities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>CA 01</td>
</tr>
<tr>
<td>2003-2005</td>
<td>617,517</td>
<td>70,691</td>
</tr>
<tr>
<td>2006-2008</td>
<td>555,910</td>
<td>69,709</td>
</tr>
<tr>
<td><strong>2008-2010</strong></td>
<td><strong>503,552</strong></td>
<td><strong>62,195</strong></td>
</tr>
<tr>
<td>Change*</td>
<td>-113,965</td>
<td>-8,496</td>
</tr>
<tr>
<td>% Change*</td>
<td>-18.5%</td>
<td>-12.0%</td>
</tr>
</tbody>
</table>

*Between 2003-2005 and 2008-2010

**2008-2010 High Level Results**

- During the years 2008-2010 there were 503,552 injury collisions in California, of which 62,195 involved impaired driving (12.4% of the total).
- During the years 2008-2010 there were 9,216 fatalities in California, of which 4,754 involved impaired driving (51.6% of the total).
- Impaired driving accounted for 12.4% of all injury collisions but 51.6% of fatalities.
- 7.6% of impaired driving collisions result in fatalities, compared with 1.8% of overall injury collisions.

**Bottom Line:** Impaired driving collisions are much more severe than overall collisions and accounted for half of all fatalities.

**2008-2010 Other Highlights**

- 31.7% of Challenge Area 1 injury collisions occurred on the State Highway System.
- Alcohol- or drug-involved collisions were about twice as likely to occur on a weekend day compared with a weekday. This was true for all levels of injury severity.
- The incidence of alcohol- or drug-involved injury collisions was elevated from 6:00 p.m. to 3:00 a.m. and peaked between midnight and 3:00 a.m.
- The counties with the highest collision occurrence included Los Angeles (24.7%), San Diego (9.6%), Orange (7.5%), Riverside (5.6%), and San Bernardino (5.5%).

**Bottom Line:** Collisions showed very high clustering at night and on weekends; about 50% of collisions were in just five counties; and almost one-third occurred on the State Highway System.

**2003-2005 2008-2010 (Change)**

- Between 2003-2005 and 2008-2010 in California, overall traffic collisions declined 18.5% and fatalities declined 27.0%.
- During the same two time periods, Challenge Area 1 collisions declined 12.0% and fatalities declined 18.8%.

**Bottom Line:** There was a large decline in impaired driving collisions and fatalities, but it was a slower decline than the overall trend for all collisions and fatalities.