Challenge Area 14: Enhance Work Zone Safety

Summary of Updated Data, 2008-2010

Data reports have been provided for Challenge Area 14: *Summary of California Traffic Injury Trends, Area 14: Enhance Work Zone Safety*, 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 14.

<table>
<thead>
<tr>
<th>Year</th>
<th>Injury Collisions</th>
<th>Fatalities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>CA 14</td>
</tr>
<tr>
<td>2003-2005</td>
<td>617,517</td>
<td>7,974</td>
</tr>
<tr>
<td>2006-2008</td>
<td>555,910</td>
<td>8,095</td>
</tr>
<tr>
<td>2008-2010</td>
<td>503,552</td>
<td>6,389</td>
</tr>
<tr>
<td>Change*</td>
<td>-113,965</td>
<td>-1,585</td>
</tr>
<tr>
<td>% Change*</td>
<td>-18.5%</td>
<td>-19.9%</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 6,389 involved work zones (1.3% of the total).
- During the years 2008-2010 there were 9,216 fatalities in California, of which 166 involved work zones (1.8% of the total).
- Injury collisions involving work zones accounted for 1.3% of all injury collisions and 1.8% of fatalities.
- 2.6% of collisions involving work zones result in fatalities, compared with 1.8% of overall injury collisions.

Bottom Line: Collisions involving work zones are slightly more severe than overall collisions and accounted for less than 2% of all fatalities.

2008-2010→Other Highlights

- 60.5% of Challenge Area 14 injury collisions occurred on the State Highway System.
- 74.0% of collisions occurred in urban areas compared with 25.8% for rural areas.
- The most common primary collision factor was unsafe speed (43.5%).
- The counties with the highest collision occurrence included Los Angeles (19.3%), San Diego (9.1%), Orange (8.7%), Riverside (7.3%) and San Bernardino (7.3%).

Bottom Line: Collisions involving work zones were most commonly due to unsafe speed. Over 50% of collisions were in five counties, and over 60% 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 14 collisions declined 19.9% and fatalities declined 21.3%.

Bottom Line: The decline in collisions and fatalities involving work zones was similar to the overall decline for collisions and fatalities.