Challenge Area 4: Increase Use of Safety Belts and Child Safety Seats

Summary of Updated Data, 2008-2010

Data reports have been provided for Challenge Area 4: Summary of California Traffic Injury Trends, Area 4: Increase Use of Safety Belts and Child Safety Seats, 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 4.

<table>
<thead>
<tr>
<th>Year</th>
<th>Injury Collisions</th>
<th>Fatalities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>CA 04</td>
</tr>
<tr>
<td>2003-2005</td>
<td>617,517</td>
<td>36,960</td>
</tr>
<tr>
<td>2006-2008</td>
<td>555,910</td>
<td>33,127</td>
</tr>
<tr>
<td><strong>2008-2010</strong></td>
<td><strong>503,552</strong></td>
<td><strong>17,990</strong></td>
</tr>
<tr>
<td>Change*</td>
<td>-113,965</td>
<td>-18,970</td>
</tr>
<tr>
<td>% Change*</td>
<td>-18.5%</td>
<td>-51.3%</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 17,990 were related to restraint use (3.6% of the total).
- During the years 2008-2010 there were 9,216 fatalities in California, of which 2,057 were related to restraint use (22.3% of the total).
- Challenge Area 4 collisions accounted for 3.6% of all collisions but 22.3% of fatalities.
- 11.4% of injury collisions related to restraint use resulted in fatalities, compared with 1.8% of overall collisions.

Bottom Line: Injury collisions related to restraint use have declined by half in less than a decade, but are over 6 times more likely to result in fatalities than collisions overall.

2008-2010→Other Highlights

- 33.1% of Challenge Area 4 collisions occurred on the State Highway System.
- Injury collisions related to restraint use were much more likely to occur in urban areas (62.8%) than in rural areas (37.0%).
- Victims of injured collisions related to restraint use were much more likely to be male (62.1%) than female (36.0%).
- The counties with the highest collision occurrence included Los Angeles (20.7%), San Diego (7.7%), Orange (4.6%), Riverside (6.2%), Sacramento (5.0%) and San Bernardino (6.9%).

Bottom Line: The majority of injury collisions related to restraint use occurred in urban areas, and victims were more likely to be male. 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 4 injury collisions declined 51.3% and fatalities declined 33.6%.

Bottom Line: The decline in injury collisions and fatalities related to restraint use was much more significant than the overall decline for collisions and fatalities.