Challenge Area 12: Improve Motorcycle Safety
Summary of Updated Data, 2008-2010

Data reports have been provided for Challenge Area 12: *Summary of California Traffic Injury Trends, Area 12: Improve Motorcycle 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 12.

<table>
<thead>
<tr>
<th>Year</th>
<th>Total</th>
<th>CA 12</th>
<th>% Total</th>
<th>Total</th>
<th>CA 12</th>
<th>% Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003-2005</td>
<td>617,517</td>
<td>27,354</td>
<td>4.4%</td>
<td>12,623</td>
<td>1,122</td>
<td>8.9%</td>
</tr>
<tr>
<td>2006-2008</td>
<td>555,910</td>
<td>32,132</td>
<td>5.8%</td>
<td>11,565</td>
<td>1,427</td>
<td>12.3%</td>
</tr>
<tr>
<td>2008-2010</td>
<td>503,552</td>
<td>30,499</td>
<td>6.1%</td>
<td>9,216</td>
<td>1,260</td>
<td>13.7%</td>
</tr>
<tr>
<td>Change*</td>
<td>-113,965</td>
<td>+3,145</td>
<td>-2.8%**</td>
<td>-3,407</td>
<td>+138</td>
<td>-4.1%</td>
</tr>
<tr>
<td>% Change*</td>
<td>-18.5%</td>
<td>+11.5%</td>
<td></td>
<td>-27.0%</td>
<td>+12.3%</td>
<td></td>
</tr>
</tbody>
</table>

*Between 2003-2005 and 2008-2010

**The percent of total change is negative because overall and challenge area collision trends are moving in opposite directions.

**2008-2010** High Level Results

- During the years 2008-2010 there were 503,552 injury collisions in California, of which 30,499 involved motorcycles (6.1% of the total).
- During the years 2008-2010 there were 9,216 fatalities in California, of which 1,260 involved motorcycles (13.7% of the total).
- Collisions involving motorcycles accounted for 6.1% of all injury collisions but 13.7% of fatalities.
- 4.1% of motorcycle collisions result in fatalities, compared with 1.8% of overall injury collisions.

**Bottom Line:** Motorcycle collisions are more severe than overall collisions and accounted for less than 15% of all fatalities.

**2008-2010** Other Highlights

- 41.0% of Challenge Area 12 injury collisions occurred on the State Highway System.
- Motorcycle collisions were slightly more likely to occur on a weekend day compared with a weekday, with the peak day being Saturday (17.5%).
- Motorcycle collisions were more likely to occur during summer months (May-Sept.).
- 32.0% of motorcycle collisions were due to unsafe speed.
- The counties with the highest collision occurrence included Los Angeles (26.0%), San Diego (9.9%), Orange (7.3%), Riverside (5.1%) and San Bernardino (4.7%).

**Bottom Line:** Collisions showed very high clustering during summer months. Just over half of collisions were in five counties, and two out of five occurred on the State Highway System.

**2003-2005** to **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 12 collisions increased 11.5% and fatalities increased 12.3%.

**Bottom Line:** The motorcycle safety challenge area was one of the few challenge areas to experience an increase instead of a decrease in both injury collisions and fatalities.