Challenge Area 13: Improve Bicycling Safety  
Summary of Updated Data, 2008-2010


<table>
<thead>
<tr>
<th>Year</th>
<th>Injury Collisions</th>
<th>Fatalities</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Total</td>
<td>CA 13</td>
<td>% Total</td>
</tr>
<tr>
<td>2003-2005</td>
<td>617,517</td>
<td>32,196</td>
<td>5.2%</td>
</tr>
<tr>
<td>2006-2008</td>
<td>555,910</td>
<td>32,512</td>
<td>5.8%</td>
</tr>
<tr>
<td>2008-2010</td>
<td>503,552</td>
<td>35,934</td>
<td>7.1%</td>
</tr>
<tr>
<td>Change*</td>
<td>-113,965</td>
<td>+3,738</td>
<td>-3.3%**</td>
</tr>
<tr>
<td>% Change*</td>
<td>-18.5%</td>
<td>+11.6%</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 35,934 involved bicycles (7.1% of the total).
- During the years 2008-2010 there were 9,216 fatalities in California, of which 348 involved bicycles (3.8% of the total).
- Collisions involving bicycles accounted for 7.1% of all injury collisions but 3.8% of fatalities.
- 1.0% of bicycle collisions result in fatalities, compared with 1.8% of overall injury collisions.

**Bottom Line:** Bicycle collisions are less severe than overall collisions and accounted for less than 5% of all fatalities.

### 2008-2010 Other Highlights

- 8.1% of Challenge Area 13 injury collisions occurred on the State Highway System.
- The most common primary collision factors for Challenge Area 13 injury collisions were wrong side of the road (24.4%) followed by automobile right-of-way (20.2%) and improper turning (12.6%).
- 88.9% of bicycle collisions occurred in urban areas, compared with 11.1% in rural areas.
- The counties with the highest collision occurrence included Los Angeles (30.9%), San Diego (7.7%), Orange (9.5%), and Santa Clara (6.0%).

**Bottom Line:** The most common collision factors were wrong side of the road and automobile right-of-way. About 55% were in 4 counties, and 8.2% 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 13 injury collisions increased 11.6% while fatalities decreased 8.4%.

**Bottom Line:** The bicycle safety challenge area was one of the few challenge areas to experience an increase instead of a decrease in injury collisions, even as fatalities decreased.