Motorcycle Traffic Crashes and Helmet Use

2,068
Motorcyclists sustained traumatic injury

51.4%
Were wearing a helmet

38
Motorcyclist deaths while not wearing a helmet

Wear Your Helmet
Helmet use was associated with decreased trauma severity, deaths, head and face injury, and lower hospital charges (Table 1).

Table 1. Helmet Use Impact on Trauma

<table>
<thead>
<tr>
<th>Helmet Use</th>
<th>Death</th>
<th>Major Trauma *</th>
<th>Head and Face Injury</th>
<th>Median Charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Helmet Used</td>
<td>2.5%</td>
<td>14.9%</td>
<td>5.8%</td>
<td>$34,264</td>
</tr>
<tr>
<td>No Helmet Used</td>
<td>3.9%</td>
<td>19.0%</td>
<td>24.5%</td>
<td>$38,687</td>
</tr>
</tbody>
</table>

*Major trauma is defined as having an Injury Severity Score greater than 15

Helmet Use by Age

Kids (<13) 46.6%
Teens (13-17) 50.0%
Young Adults (18-24) 64.2%
Adults (25-59) 48.9%
Older Adults (60+) 52.3%

Helmet use among Young Adults and Older Adults are above the 51.4% trauma registry statewide average. Children <13 years had the lowest use (46.6%).

American Indians/Alaska Natives had the lowest proportion, and Asian/Pacific Islanders had the highest proportion of helmet use at the time of the crash.

Fast Facts from the Center for Disease Control and Prevention

- Motorcycle helmets reduce the risk of death by 37%
- Motorcycle helmets reduce the risk of head injury by 69%

Data source: Arizona State Trauma registry, 2014, Bureau of EMS and Trauma, Arizona Department of Health Services.