Scope and Risk of Speeding

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Speeding-Related Fatalities, 2005-2014

Source: FARS
Speeding-Related Fatalities by Person Type, 2014

- **Drivers in Speeding Vehicles**: 5,933
- **Passengers in Speeding Vehicles**: 1,835
- **Occupants in Other Vehicles**: 1,136
- **Pedestrians**: 314
- **Bicyclists**: 46
- **Other/Unknown**: 19

Total speeding-related fatalities: **1,496 deaths in 2014 (15%)**

Source: FARS
Risk of Speeding

Risk = Likelihood \times Consequence

Risk of Speeding = Crash Involvement \times Crash Severity

Complex

Straightforward
Speed and Passenger Vehicle Occupant Injuries

<table>
<thead>
<tr>
<th>Reported Travel Speed (mph)</th>
<th>Speeding Vehicles</th>
<th>Non-Speeding Vehicles</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-40</td>
<td>2.5%</td>
<td>1.6%</td>
</tr>
<tr>
<td>41-60</td>
<td>4.4%</td>
<td>2.3%</td>
</tr>
<tr>
<td>≥61</td>
<td>9.8%</td>
<td>4.3%</td>
</tr>
</tbody>
</table>

Source: 2014 NASS GES
Speed and Pedestrian Injuries

Likelihood of Severe Injury or Death

Impact Speed (mph)

Source: Tefft 2011
Speed and Crash Involvement

• High speed
  • Reduces available time to receive and process information
  • Increases stopping distance
  • Increases chance of driving off road while negotiating a curve

• Complex relationship
  • Involves many interrelated factors
  • Leads to many misconceptions
Summary on Scope and Risk

• Speeding increases risk
  • Crash involvement
  • Crash severity
• Speeding contributes to many deaths and injuries
• Key component of “Toward Zero Deaths” goal