Regional Safety Action Plan

Capital District Transportation Committee
January 30, 2018
Baseline Data

**Emphasis Areas**

1. Intersections
2. Lane Departure
3. Vulnerable Users: (bicyclists, pedestrians, motorcyclists, and individuals working/traveling in a work zone)
4. Age Related: Young and Old drivers
5. Road User Behavior (impaired driving, occupant protection, distracted and drowsy driving)
6. Speed

Source: NYS-SHSP 2017-2022
Fatality Trends

New York State Fatalities

Capital Region Fatalities

Source: FARS
Serious Injury Trends

New York State Serious Injuries

Number of Injuries

Capital Region Serious Injuries

Number of Injuries

Source: ITSMR
Fatal Crashes by County

Source: FARS
Capital Region

Region Wide Fatalities and Serious Injuries

NYS Average Annual Change
- 0.91%

Capital Region Average Annual Change
+ 3.47%

Total Fatalities
326

Total Serious Injuries
3,766

Source: NYS ITSMR
Pedestrian

Pedestrian Fatalities and Serious Injuries

NYS Average Annual Change
- 3.24%

Capital Region Average Annual Change
+ 1.85%

Source: NYS ITSMR
Bicycle Fatalities and Serious Injuries

NYS Average Annual Change
- 2.09%

Capital Region Average Annual Change
+ 1.05%

Source: NYS ITSMR
Motorcycle Fatalities and Serious Injuries

<table>
<thead>
<tr>
<th>Year</th>
<th>Fatalities</th>
<th>Serious Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>76</td>
<td>9</td>
</tr>
<tr>
<td>2012</td>
<td>84</td>
<td>12</td>
</tr>
<tr>
<td>2013</td>
<td>77</td>
<td>5</td>
</tr>
<tr>
<td>2014</td>
<td>62</td>
<td>9</td>
</tr>
<tr>
<td>2015</td>
<td>77</td>
<td>13</td>
</tr>
<tr>
<td>2016</td>
<td>74</td>
<td>14</td>
</tr>
</tbody>
</table>

NYS Average Annual Change: 0.00%
Capital Region Average Annual Change: + 1.90%

Source: NYS ITSMR
Impaired Driving

Alcohol Related Fatalities and Serious Injuries

NYS Average Annual Change
-5.06%

Capital Region Average Annual Change
-3.72%

Source: NYS ITSMR
Impaired Driving

Drug Related Fatalities and Serious Injuries

NYS Average Annual Change
+7.32%

Capital Region Average Annual Change
+12.59%

Source: NYS ITSMR
Speed

Speed Related Fatalities and Serious Injuries

NYS Average Annual Change
-0.08%

Capital Region Average Annual Change
+5.15%

Source: NYS ITSMR
Young and Old Drivers

All Occupant Fatalities and Serious Injuries Involving Young and Old Drivers

<table>
<thead>
<tr>
<th>Year</th>
<th>Fatalities</th>
<th>Serious Injuries</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>20</td>
<td>172</td>
</tr>
<tr>
<td>2012</td>
<td>26</td>
<td>181</td>
</tr>
<tr>
<td>2013</td>
<td>22</td>
<td>176</td>
</tr>
<tr>
<td>2014</td>
<td>23</td>
<td>171</td>
</tr>
<tr>
<td>2015</td>
<td>11</td>
<td>208</td>
</tr>
<tr>
<td>2016</td>
<td>26</td>
<td>218</td>
</tr>
</tbody>
</table>

**NYS Average Annual Change**  
-0.67%

**Capital Region Average Annual Change**  
+5.21%

Source: NYS ALIS
Intersection Related Fatalities and Serious Injuries

NYS Average Annual Change
+1.76%

Capital Region Average Annual Change
+13.51%

Source: NYS ALIS
Intersection

Intersection Fatalities and Serious Injuries

- Total Statewide Fatalities and Serious Injuries
- Intersection Fatalities and Serious Injuries

Source: NYS SIMS/ALIS, FARS

2011: 13,183
2012: 13,343
2013: 12,811
2014: 11,915
2015: 12,198

NYS Average Annual Change +4.07%

Capital Region Average Annual Change +9.85%

Region Wide Intersection Fatalities and Serious Injuries

Source: NYS ALIS