# Motorcycle Crashes

## TABLE 1  Motorcycle Crashes

<table>
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<tr>
<th>Category Totals</th>
<th>All Crashes</th>
<th>Police Reported</th>
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<tbody>
<tr>
<td>Total Crashes</td>
<td>5,336</td>
<td>4,855</td>
</tr>
<tr>
<td>Fatal Crashes</td>
<td>168</td>
<td>168</td>
</tr>
<tr>
<td>Non-Fatal Personal Injury Crashes</td>
<td>4,550</td>
<td>4,314</td>
</tr>
<tr>
<td>Reportable Property Damage Crashes</td>
<td>618</td>
<td>373</td>
</tr>
<tr>
<td>Vehicles</td>
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<td>7,760</td>
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<tr>
<td>Drivers Involved</td>
<td>8,184</td>
<td>7,506</td>
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<tr>
<td>Motorcycle Operators</td>
<td>5,302</td>
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<tr>
<td>Non-Motorcycle Drivers</td>
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<td>Vehicle Occupants</td>
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<td>Special Motorcycle Crash Series</td>
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<td>Motorcycle/Pedestrian Crashes</td>
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<td>Fatalities</td>
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<tr>
<td>Persons Killed (1)</td>
<td>171</td>
<td>171</td>
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<tr>
<td>Drivers Killed</td>
<td>162</td>
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<tr>
<td>Motorcycle Operators</td>
<td>162</td>
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<td>Persons Injured (1)</td>
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<td>Pedestrians Injured</td>
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<td>Bicyclists Injured</td>
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</table>

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

## TABLE 2(P) Severity of Crash

<table>
<thead>
<tr>
<th></th>
<th>Number</th>
<th>Percent</th>
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<tbody>
<tr>
<td>Total</td>
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<tr>
<td>Fatal (K) Crashes</td>
<td>168</td>
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<td>Personal Injury Crashes</td>
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<td>Moderate (B)</td>
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<td>Minor (C)</td>
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<td>Unknown Severity</td>
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<tr>
<td>Property Damage (O) Crashes</td>
<td>373</td>
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</table>

**General Notes**

* Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
* The Property Damage Crash reporting level is $1,000 or more.
* The term "vehicle" always excludes bicycles.
* The term "driver" always excludes bicyclists.
* Percentages may not total 100.0 due to rounding.
## TABLE 3  Day of Week/Time of Day

<table>
<thead>
<tr>
<th>Day of Week</th>
<th>Total Crashes</th>
<th>Mid-3am</th>
<th>3am-6am</th>
<th>6am-9am</th>
<th>9am-Noon</th>
<th>Noon-3pm</th>
<th>3pm-6pm</th>
<th>6pm-9pm</th>
<th>9pm-Mid</th>
<th>Unknown</th>
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<tbody>
<tr>
<td><strong>Total</strong></td>
<td>5,336</td>
<td>233</td>
<td>128</td>
<td>345</td>
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<td>1,016</td>
<td>1,382</td>
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<td>181</td>
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</table>
### TABLE 4(P) Police Investigating Agency

<table>
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<th>Severity Class of Crash</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
</tr>
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### TABLE 5 Jurisdictional Road System

<table>
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<td></td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>State Routes</td>
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<td>County Routes</td>
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<td>Town Routes</td>
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<td>Municipal Streets</td>
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<td>Other Interstates</td>
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Data for this table are not available at this time.

### TABLE 6 Manner of Collision

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</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>Total</td>
<td>5,336</td>
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<td>Single Vehicle Crashes</td>
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<td>Severity Class of Crash</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td>Crashes With No Factor Reported</td>
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</tr>
<tr>
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</tr>
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<td>4,520</td>
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<tr>
<td>Total Crashes</td>
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<td>100.0</td>
</tr>
</tbody>
</table>

**New York State Department of Motor Vehicles**

**Summary of Motorcycle Crashes**

**2011**

**TABLE 7(P) Crash Contributing Factors**

<table>
<thead>
<tr>
<th>Total Crashes</th>
<th>Severity Class of Crash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
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<tr>
<td>Crashes With No Factor Reported</td>
<td>335</td>
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<tr>
<td>Crashes With One or More Factors Reported</td>
<td>4,520</td>
</tr>
<tr>
<td>Total Crashes</td>
<td>4,855</td>
</tr>
</tbody>
</table>

- **Aggressive Driving/Road Rage**: 85 (1.8% fatal, 73 non-fatal)
- **Alcohol Involvement**: 169 (3.5% fatal, 143 non-fatal)
- **Backing Unsafely**: 47 (1.0% fatal, 1 non-fatal)
- **Cell Phone (hand held)**: 1 (0.01% fatal, 0 non-fatal)
- **Driver Inattention/Distraction**: 707 (14.6% fatal, 20 non-fatal)
- **Eating or Drinking**: 0 (0.0% fatal, 0 non-fatal)
- **Fatigued/Drowsy**: 5 (0.1% fatal, 4 non-fatal)
- **Following too Closely**: 455 (9.4% fatal, 399 non-fatal)
- **Illness**: 7 (0.1% fatal, 6 non-fatal)
- **Listening/Using Headphones**: 0 (0.0% fatal, 0 non-fatal)
- **Lost Consciousness**: 7 (0.1% fatal, 7 non-fatal)
- **Other Electronic Device**: 4 (0.1% fatal, 4 non-fatal)
- **Passing too Closely**: 5 (0.1% fatal, 4 non-fatal)
- **Pedestrian/Bicyclist/Other Ped Error/Confusion**: 33 (0.7% fatal, 31 non-fatal)
- **Pedestrian/Bicyclist/Other Ped Error/Confusion**: 33 (0.7% fatal, 31 non-fatal)
- **Physical Disability**: 2 (<0.1% fatal, 0 non-fatal)
- **Prescription Medication**: 3 (0.1% fatal, 3 non-fatal)
- **Reaction to Other Uninvolved Vehicle**: 356 (7.3% fatal, 330 non-fatal)
- **Texting**: 0 (0% fatal, 0 non-fatal)
- **Traffic Control Disregarded**: 122 (2.6% fatal, 109 non-fatal)
- **Turning Improperly**: 285 (5.9% fatal, 253 non-fatal)
- **Unsafe Lane Changing**: 229 (4.7% fatal, 196 non-fatal)
- **Unsafe Speed**: 799 (16.5% fatal, 685 non-fatal)
- **Using On Board Navigation Device**: 0 (0% fatal, 0 non-fatal)
- **Other Human**: 3 (0.1% fatal, 1 non-fatal)

**Crashes With Vehicular Factors**

<table>
<thead>
<tr>
<th>Total Crashes</th>
<th>Severity Class of Crash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
</tr>
<tr>
<td>Crashes With No Factor Reported</td>
<td>335</td>
</tr>
<tr>
<td>Crashes With One or More Factors Reported</td>
<td>4,520</td>
</tr>
<tr>
<td>Total Crashes</td>
<td>4,855</td>
</tr>
</tbody>
</table>

- **Accelerator Defective**: 26 (0.5% fatal, 24 non-fatal)
- **Brakes Defective**: 24 (0.5% fatal, 20 non-fatal)
- **Driverless/Runaway Vehicle**: 3 (0.1% fatal, 2 non-fatal)
- **Headlights Defective**: 1 (<0.1% fatal, 1 non-fatal)
- **Other Lighting Defects**: 2 (<0.1% fatal, 1 non-fatal)
- **Oversized Vehicle**: 4 (0.1% fatal, 4 non-fatal)
- **Steering Failure**: 26 (0.5% fatal, 24 non-fatal)
- **Tinted Windows**: 0 (0% fatal, 0 non-fatal)
- **Tire Failure/Inadequate**: 32 (0.7% fatal, 30 non-fatal)
- **Tow Hitch Defective**: 2 (<0.1% fatal, 1 non-fatal)
- **Windshield Inadequate**: 0 (0% fatal, 0 non-fatal)
- **Other Vehicular**: 151 (3.1% fatal, 137 non-fatal)

**Crashes With Environmental Factors**

<table>
<thead>
<tr>
<th>Total Crashes</th>
<th>Severity Class of Crash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
</tr>
<tr>
<td>Crashes With No Factor Reported</td>
<td>335</td>
</tr>
<tr>
<td>Crashes With One or More Factors Reported</td>
<td>4,520</td>
</tr>
<tr>
<td>Total Crashes</td>
<td>4,855</td>
</tr>
</tbody>
</table>

- **Animal's Action**: 401 (8.3% fatal, 359 non-fatal)
- **Glare**: 39 (0.8% fatal, 34 non-fatal)
- **Lane Marking Improper/Inadequate**: 4 (0.1% fatal, 4 non-fatal)
- **Obstruction/Debris**: 167 (3.4% fatal, 152 non-fatal)
- **Pavement Defective**: 96 (2.0% fatal, 86 non-fatal)
- **Pavement Slippery**: 164 (3.4% fatal, 149 non-fatal)
- **Shoulders Defective/improper**: 2 (<0.1% fatal, 2 non-fatal)
- **Traffic Control Device Improper/Non-Working**: 4 (0.1% fatal, 2 non-fatal)
- **View Obstructed/Limited**: 106 (2.2% fatal, 88 non-fatal)
- **Other Environmental**: 1 (<0.1% fatal, 1 non-fatal)

*New contributing factor as of October 2010.*

*Note: Many crashes have multiple factors reported.*
### TABLE 8 Driver Age and Gender

<table>
<thead>
<tr>
<th></th>
<th>Total Drivers</th>
<th>Non-Motorcycle Drivers</th>
<th>Motorcycle Operators by Severity of Crash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td>Number</td>
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<tr>
<td>Total Drivers</td>
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<td>2,882</td>
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<tr>
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<tr>
<td>Under 16</td>
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<tr>
<td>16 - 17</td>
<td>55</td>
<td>0.7</td>
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</tr>
<tr>
<td>18 - 20</td>
<td>1,067</td>
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<tr>
<td>21 - 24</td>
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<tr>
<td>25 - 29</td>
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<td>30 - 34</td>
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<tr>
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<td>835</td>
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<td>318</td>
</tr>
<tr>
<td>50 - 54</td>
<td>768</td>
<td>9.4</td>
<td>318</td>
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<tr>
<td>55 - 59</td>
<td>572</td>
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<td>222</td>
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<tr>
<td>60 - 64</td>
<td>329</td>
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<td>105</td>
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<td>65 - 69</td>
<td>188</td>
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<td>60</td>
</tr>
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<td>70 - 74</td>
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<td>25</td>
</tr>
<tr>
<td>75 - 79</td>
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<td>18</td>
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<td>0</td>
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<tr>
<td>16 - 17</td>
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<td>83</td>
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<td>70</td>
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<td>93</td>
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<td>75 - 79</td>
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<td>0.2</td>
<td>18</td>
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<tr>
<td>80 and Over</td>
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<td>39</td>
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### TABLE 9 Motorcyclists Killed or Injured by Age Group

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<tr>
<th>Age Group</th>
<th>Total Motorcyclists</th>
<th>Motorcyclists</th>
<th>Killed</th>
<th>Injured</th>
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<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total</td>
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<td>4,807</td>
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<td>0</td>
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<td>2</td>
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<td>10 - 13</td>
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<td>0</td>
<td>10</td>
</tr>
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<td>14 - 17</td>
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<td>536</td>
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<td>23</td>
<td>439</td>
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<td>40 - 44</td>
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<td>10.3</td>
<td>23</td>
<td>491</td>
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<td>19</td>
<td>525</td>
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<td>16</td>
<td>496</td>
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<td>9</td>
<td>376</td>
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<td>47</td>
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<tr>
<td>75 - 79</td>
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<td>0.3</td>
<td>1</td>
<td>16</td>
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<tr>
<td>80 and Over</td>
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<td>3</td>
<td>8</td>
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<td>24</td>
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</tbody>
</table>

### TABLE 10(P) Safety Equipment Used by Motorcyclists

<table>
<thead>
<tr>
<th>Motorcyclists</th>
<th>Total Motorcyclists</th>
<th>Injury Severity of Motorcyclist</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Number</td>
<td>Percent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No Helmet Used</td>
<td>560</td>
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</tr>
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</tr>
<tr>
<td>Unknown</td>
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<td>9.2</td>
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</table>