

## New York State Department of Motor Vehicles Summary of Motorcycle Crashes

2011

<b>TABLE 1 Motorcycle Crashes</b>		
<b>Category Totals</b>	<b>All Crashes</b>	<b>Police Reported</b>
<b>Total Crashes</b>	<b>5,336</b>	<b>4,855</b>
Fatal Crashes	168	168
Non-Fatal Personal Injury Crashes	4,550	4,314
Reportable Property Damage Crashes	618	373
Vehicles	8,518	7,760
Drivers Involved	8,184	7,506
<i>Motorcycle Operators</i>	5,302	4,881
<i>Non-Motorcycle Drivers</i>	2,882	2,625
Vehicle Occupants	9,873	9,137
<b>Special Motorcycle Crash Series</b>		
Motorcycle/Pedestrian Crashes	64	63
Motorcycle/Bicycle Crashes	27	24
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>171</b>	<b>171</b>
Drivers Killed	162	162
<i>Motorcycle Operators</i>	162	162
<i>Non-Motorcycle Drivers</i>	0	0
Passengers Killed	6	6
<i>Motorcycle Passengers</i>	6	6
<i>Passengers in Other Vehicles</i>	0	0
Pedestrians Killed	3	3
Bicyclists Killed	0	0
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>5,180</b>	<b>4,929</b>
Drivers Injured	4,604	4,372
Passengers Injured	485	471
Pedestrians Injured	59	58
Bicyclists Injured	22	19
Other	10	9
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</small>		

<b>TABLE 2(P) Severity of Crash</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>4,855</b>	<b>100.0</b>
Fatal (K) Crashes	168	3.5
Personal Injury Crashes		
Serious (A)	1,033	21.3
Moderate (B)	1,360	28.0
Minor (C)	1,839	37.9
Unknown Severity	82	1.7
Property Damage (O) Crashes	373	7.7

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.

**New York State Department of Motor Vehicles  
Summary of Motorcycle Crashes**

**2011**

<b>TABLE 3 Day of Week/Time of Day</b>										
<b>Day of Week</b>	<b>Total Crashes</b>	<b>Time of Day</b>								
		<b>Mid-3am</b>	<b>3am-6am</b>	<b>6am-9am</b>	<b>9am-Noon</b>	<b>Noon-3pm</b>	<b>3pm-6pm</b>	<b>6pm-9pm</b>	<b>9pm-Mid</b>	<b>Unknown</b>
<b>Total</b>	<b>5,336</b>	<b>233</b>	<b>128</b>	<b>345</b>	<b>577</b>	<b>1,016</b>	<b>1,382</b>	<b>978</b>	<b>558</b>	<b>119</b>
<b>Sunday</b>										
<b>Total</b>	<b>894</b>	<b>52</b>	<b>28</b>	<b>39</b>	<b>119</b>	<b>209</b>	<b>228</b>	<b>122</b>	<b>76</b>	<b>21</b>
Fatal	27	1	2	2	7	5	6	2	2	0
Personal Injury	767	44	24	33	99	181	198	112	68	8
Property Damage	100	7	2	4	13	23	24	8	6	13
<b>Monday</b>										
<b>Total</b>	<b>627</b>	<b>22</b>	<b>15</b>	<b>51</b>	<b>71</b>	<b>120</b>	<b>148</b>	<b>123</b>	<b>64</b>	<b>13</b>
Fatal	23	2	0	2	2	5	2	8	2	0
Personal Injury	527	18	11	41	65	94	138	103	54	3
Property Damage	77	2	4	8	4	21	8	12	8	10
<b>Tuesday</b>										
<b>Total</b>	<b>679</b>	<b>21</b>	<b>11</b>	<b>54</b>	<b>69</b>	<b>102</b>	<b>182</b>	<b>145</b>	<b>79</b>	<b>16</b>
Fatal	17	2	0	0	2	1	6	2	4	0
Personal Injury	579	18	11	47	60	89	151	130	67	6
Property Damage	83	1	0	7	7	12	25	13	8	10
<b>Wednesday</b>										
<b>Total</b>	<b>694</b>	<b>25</b>	<b>21</b>	<b>74</b>	<b>72</b>	<b>107</b>	<b>177</b>	<b>139</b>	<b>65</b>	<b>14</b>
Fatal	23	1	2	2	3	6	3	4	2	0
Personal Injury	595	22	17	64	65	88	150	122	60	7
Property Damage	76	2	2	8	4	13	24	13	3	7
<b>Thursday</b>										
<b>Total</b>	<b>645</b>	<b>21</b>	<b>13</b>	<b>52</b>	<b>65</b>	<b>111</b>	<b>180</b>	<b>117</b>	<b>68</b>	<b>18</b>
Fatal	24	2	1	1	1	7	8	2	2	0
Personal Injury	527	17	10	42	48	92	146	108	55	9
Property Damage	94	2	2	9	16	12	26	7	11	9
<b>Friday</b>										
<b>Total</b>	<b>785</b>	<b>35</b>	<b>17</b>	<b>48</b>	<b>74</b>	<b>150</b>	<b>202</b>	<b>136</b>	<b>104</b>	<b>19</b>
Fatal	20	3	0	3	0	2	4	5	3	0
Personal Injury	676	28	14	43	69	133	176	119	90	4
Property Damage	89	4	3	2	5	15	22	12	11	15
<b>Saturday</b>										
<b>Total</b>	<b>1,012</b>	<b>57</b>	<b>23</b>	<b>27</b>	<b>107</b>	<b>217</b>	<b>265</b>	<b>196</b>	<b>102</b>	<b>18</b>
Fatal	34	3	1	1	1	7	12	6	3	0
Personal Injury	879	50	19	24	98	182	232	179	86	9
Property Damage	99	4	3	2	8	28	21	11	13	9

**New York State Department of Motor Vehicles  
Summary of Motorcycle Crashes**

**2011**

<b>TABLE 4(P) Police Investigating Agency</b>					
	<b>Total Crashes</b>		<b>Severity Class of Crash</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>4,855</b>	<b>100.0</b>	<b>168</b>	<b>4,314</b>	<b>373</b>
State Police	971	20.0	36	831	104
County Police	1,340	27.6	58	1,178	104
New York City Police (NYPD)	1,204	24.8	34	1,139	31
Municipal Police (non-NYC)	1,340	27.6	40	1,166	134
Unknown	0	0.0	0	0	0

<b>TABLE 5 Jurisdictional Road System</b>					
	<b>Total Crashes</b>		<b>Severity Class of Crash</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

<b>TABLE 6 Manner of Collision</b>					
	<b>Total Crashes</b>		<b>Severity Class of Crash</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>5,336</b>	<b>100.0</b>	<b>168</b>	<b>4,550</b>	<b>618</b>
Single Vehicle Crashes	2,408	45.1	68	2,120	220
Two Vehicle Crashes	2,732	51.2	91	2,264	377
3 or More Vehicle Crashes	196	3.7	9	166	21

**New York State Department of Motor Vehicles  
Summary of Motorcycle Crashes**

**2011**

<b>TABLE 7(P) Crash Contributing Factors</b>					
	<b>Total Crashes</b>		<b>Severity Class of Crash</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Crashes</b>	<b>4,855</b>	<b>100.0</b>	<b>168</b>	<b>4,314</b>	<b>373</b>
Crashes With No Factor Reported	335	6.9	4	323	8
Crashes With One or More Factors Reported	4,520	93.1	164	3,991	365
<b>Crashes With Human Factors</b>	<b>3,650</b>	<b>75.2</b>	<b>158</b>	<b>3,205</b>	<b>287</b>
Aggressive Driving/Road Rage	85	1.8	6	73	6
Alcohol Involvement	169	3.5	16	143	10
Backing Unsafely	47	1.0	1	25	21
Cell Phone (hand held)	1	<0.1	0	0	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	707	14.6	20	631	56
Driver Inexperience	388	8.0	17	340	31
Drugs (Illegal)	8	0.2	1	7	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	105	2.2	12	84	9
Failure to Yield R.O.W.	811	16.7	37	728	46
Fatigued/Drowsy	5	0.1	0	4	1
Fell Asleep	5	0.1	0	4	1
Following too Closely	455	9.4	9	399	47
Illness	7	0.1	1	6	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	7	0.1	0	7	0
Other Electronic Device	4	0.1	0	4	0
Outside Car Distraction	19	0.4	1	16	2
Passenger Distraction	12	0.2	0	11	1
Passing or Lane Usage Improper	323	6.7	10	284	29
Passing too Closely*	5	0.1	0	4	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	33	0.7	1	31	1
Physical Disability	2	<0.1	0	2	0
Prescription Medication	3	0.1	0	3	0
Reaction to Other Uninvolved Vehicle	356	7.3	6	330	20
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	122	2.5	9	109	4
Turning Improperly	285	5.9	11	253	21
Unsafe Lane Changing	229	4.7	11	196	22
Unsafe Speed	799	16.5	71	685	43
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	3	0.1	1	1	1
<b>Crashes With Vehicular Factors</b>	<b>264</b>	<b>5.4</b>	<b>6</b>	<b>238</b>	<b>20</b>
Accelerator Defective	26	0.5	0	24	2
Brakes Defective	24	0.5	0	20	4
Driverless/Runaway Vehicle	3	0.1	0	2	1
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	2	<0.1	1	1	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	26	0.5	1	24	1
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	32	0.7	0	30	2
Tow Hitch Defective	2	<0.1	0	1	1
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	151	3.1	4	137	10
<b>Crashes With Environmental Factors</b>	<b>956</b>	<b>19.7</b>	<b>18</b>	<b>852</b>	<b>86</b>
Animal's Action	401	8.3	4	359	38
Glare	39	0.8	1	34	4
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	167	3.4	0	152	15
Pavement Defective	96	2.0	1	86	9
Pavement Slippery	164	3.4	4	149	11
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	4	0.1	0	2	2
View Obstructed/Limited	106	2.2	8	88	10
Other Environmental	1	<0.1	0	1	0

\* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

**New York State Department of Motor Vehicles  
Summary of Motorcycle Crashes**

**2011**

<b>TABLE 8 Driver Age and Gender</b>									
	<b>Total Drivers</b>		<b>Non-Motorcycle Drivers</b>		<b>Motorcycle Operators by Severity of Crash</b>				
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>8,184</b>	<b>100.0</b>	<b>2,882</b>	<b>100.0</b>	<b>5,302</b>	<b>100.0</b>	<b>172</b>	<b>4,617</b>	<b>513</b>
<b>Male</b>	<b>6,558</b>	<b>80.1</b>	<b>1,636</b>	<b>56.8</b>	<b>4,922</b>	<b>92.8</b>	<b>163</b>	<b>4,285</b>	<b>474</b>
Under 16	4	<0.1	0	0.0	4	0.1	0	4	0
16 - 17	55	0.7	30	1.0	25	0.5	0	22	3
18 - 20	361	4.4	99	3.4	262	4.9	4	223	35
21 - 24	782	9.6	130	4.5	652	12.3	18	563	71
25 - 29	808	9.9	155	5.4	653	12.3	28	565	60
30 - 34	697	8.5	148	5.1	549	10.4	11	492	46
35 - 39	595	7.3	133	4.6	462	8.7	22	405	35
40 - 44	669	8.2	157	5.4	512	9.7	24	443	45
45 - 49	696	8.5	167	5.8	529	10.0	20	466	43
50 - 54	665	8.1	178	6.2	487	9.2	13	422	52
55 - 59	502	6.1	128	4.4	374	7.1	7	330	37
60 - 64	329	4.0	105	3.6	224	4.2	10	189	25
65 - 69	178	2.2	70	2.4	108	2.0	3	91	14
70 - 74	97	1.2	47	1.6	50	0.9	0	44	6
75 - 79	52	0.6	35	1.2	17	0.3	0	16	1
80 and Over	55	0.7	45	1.6	10	0.2	3	6	1
Unknown Age	13	0.2	9	0.3	4	0.1	0	4	0
<b>Female</b>	<b>1,320</b>	<b>16.1</b>	<b>977</b>	<b>33.9</b>	<b>343</b>	<b>6.5</b>	<b>9</b>	<b>314</b>	<b>20</b>
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	22	0.3	19	0.7	3	0.1	0	3	0
18 - 20	83	1.0	70	2.4	13	0.2	0	13	0
21 - 24	93	1.1	72	2.5	21	0.4	1	20	0
25 - 29	125	1.5	87	3.0	38	0.7	0	35	3
30 - 34	139	1.7	96	3.3	43	0.8	0	40	3
35 - 39	111	1.4	75	2.6	36	0.7	2	31	3
40 - 44	118	1.4	82	2.8	36	0.7	0	33	3
45 - 49	146	1.8	93	3.2	53	1.0	0	51	2
50 - 54	154	1.9	98	3.4	56	1.1	3	47	6
55 - 59	110	1.3	80	2.8	30	0.6	2	28	0
60 - 64	69	0.8	61	2.1	8	0.2	1	7	0
65 - 69	61	0.7	56	1.9	5	0.1	0	5	0
70 - 74	30	0.4	29	1.0	1	<0.1	0	1	0
75 - 79	18	0.2	18	0.6	0	0.0	0	0	0
80 and Over	39	0.5	39	1.4	0	0.0	0	0	0
Unknown Age	2	<0.1	2	0.1	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>306</b>	<b>3.7</b>	<b>269</b>	<b>9.3</b>	<b>37</b>	<b>0.7</b>	<b>0</b>	<b>18</b>	<b>19</b>

**New York State Department of Motor Vehicles  
Summary of Motorcycle Crashes**

**2011**

Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>4,975</b>	<b>100.0</b>	<b>168</b>	<b>4,807</b>
Under 5	0	0.0	0	0
5 - 9	2	<0.1	0	2
10 - 13	10	0.2	0	10
14 - 17	48	1.0	0	48
18 - 20	268	5.4	4	264
21 - 24	635	12.8	17	618
25 - 29	641	12.9	29	612
30 - 34	545	11.0	9	536
35 - 39	462	9.3	23	439
40 - 44	514	10.3	23	491
45 - 49	544	10.9	19	525
50 - 54	512	10.3	16	496
55 - 59	385	7.7	9	376
60 - 64	205	4.1	12	193
65 - 69	105	2.1	3	102
70 - 74	47	0.9	0	47
75 - 79	17	0.3	1	16
80 and Over	11	0.2	3	8
Unknown Age	24	0.5	0	24

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Motorcyclists</b>	<b>5,338</b>	<b>100.0</b>	<b>168</b>	<b>1,058</b>	<b>1,446</b>	<b>1,993</b>	<b>66</b>	<b>607</b>
No Helmet Used	560	10.5	9	112	167	209	13	50
Helmet Used	4,287	80.3	150	869	1,174	1,586	37	471
Unknown	491	9.2	9	77	105	198	16	86