

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

**2014**

<b>TABLE 1 Motorcycle Crashes</b>		
<b>Category Totals</b>	<b>All Crashes</b>	<b>Police Reported</b>
<b>Total Crashes</b>	<b>4,750</b>	<b>4,357</b>
Fatal Crashes	142	142
Non-Fatal Personal Injury Crashes	4,055	3,863
Reportable Property Damage Crashes	553	352
Vehicles	7,728	7,119
Drivers Involved	7,388	6,854
<i>Motorcycle Operators</i>	<i>4,722</i>	<i>4,382</i>
<i>Non-Motorcycle Drivers</i>	<i>2,666</i>	<i>2,472</i>
Vehicle Occupants	8,996	8,416
<b>Special Motorcycle Crash Series</b>		
Motorcycle/Pedestrian Crashes	65	64
Motorcycle/Bicycle Crashes	27	24
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>148</b>	<b>148</b>
Drivers Killed	136	136
<i>Motorcycle Operators</i>	<i>135</i>	<i>135</i>
<i>Non-Motorcycle Drivers</i>	<i>1</i>	<i>1</i>
Passengers Killed	11	11
<i>Motorcycle Passengers</i>	<i>11</i>	<i>11</i>
<i>Passengers in Other Vehicles</i>	<i>0</i>	<i>0</i>
Pedestrians Killed	1	1
Bicyclists Killed	0	0
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>4,633</b>	<b>4,434</b>
Drivers Injured	4,105	3,923
<i>Motorcycle Operators</i>	<i>3,902</i>	<i>3,726</i>
<i>Non-Motorcycle Drivers</i>	<i>203</i>	<i>197</i>
Passengers Injured	432	419
<i>Motorcycle Passengers</i>	<i>335</i>	<i>323</i>
<i>Passengers in Other Vehicles</i>	<i>97</i>	<i>96</i>
Pedestrians Injured	68	67
Bicyclists Injured	26	23
Other	2	2
(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.		

<b>TABLE 2(P) Severity of Crash</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>4,357</b>	<b>100.0</b>
Fatal (K) Crashes	142	3.3
Personal Injury Crashes		
Serious (A)	893	20.5
Moderate (B)	1,204	27.6
Minor (C)	1,682	38.6
Unknown Severity	84	1.9
Property Damage (O) Crashes	352	8.1

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.

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<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>4,750</b>	<b>200</b>	<b>120</b>	<b>318</b>	<b>520</b>	<b>954</b>	<b>1,209</b>	<b>886</b>	<b>461</b>	<b>82</b>
<b>Sunday</b>										
<b>Total</b>	<b>961</b>	<b>55</b>	<b>33</b>	<b>27</b>	<b>104</b>	<b>250</b>	<b>244</b>	<b>171</b>	<b>62</b>	<b>15</b>
Fatal	42	5	4	2	3	11	9	5	3	0
Personal Injury	829	45	25	23	88	222	210	155	54	7
Property Damage	90	5	4	2	13	17	25	11	5	8
<b>Monday</b>										
<b>Total</b>	<b>594</b>	<b>13</b>	<b>24</b>	<b>57</b>	<b>63</b>	<b>109</b>	<b>148</b>	<b>99</b>	<b>70</b>	<b>11</b>
Fatal	17	1	2	4	2	2	4	0	2	0
Personal Injury	506	9	22	49	50	95	126	91	61	3
Property Damage	71	3	0	4	11	12	18	8	7	8
<b>Tuesday</b>										
<b>Total</b>	<b>567</b>	<b>25</b>	<b>16</b>	<b>46</b>	<b>54</b>	<b>98</b>	<b>153</b>	<b>118</b>	<b>47</b>	<b>10</b>
Fatal	11	2	1	0	0	1	3	1	3	0
Personal Injury	475	20	8	41	47	82	130	105	40	2
Property Damage	81	3	7	5	7	15	20	12	4	8
<b>Wednesday</b>										
<b>Total</b>	<b>459</b>	<b>11</b>	<b>10</b>	<b>41</b>	<b>55</b>	<b>80</b>	<b>119</b>	<b>89</b>	<b>49</b>	<b>5</b>
Fatal	12	1	1	2	2	0	3	2	1	0
Personal Injury	385	10	7	34	47	69	99	71	47	1
Property Damage	62	0	2	5	6	11	17	16	1	4
<b>Thursday</b>										
<b>Total</b>	<b>522</b>	<b>10</b>	<b>6</b>	<b>52</b>	<b>50</b>	<b>89</b>	<b>117</b>	<b>129</b>	<b>58</b>	<b>11</b>
Fatal	7	1	0	0	1	1	0	3	1	0
Personal Injury	450	9	4	49	44	74	102	114	51	3
Property Damage	65	0	2	3	5	14	15	12	6	8
<b>Friday</b>										
<b>Total</b>	<b>715</b>	<b>34</b>	<b>14</b>	<b>57</b>	<b>67</b>	<b>128</b>	<b>189</b>	<b>127</b>	<b>87</b>	<b>12</b>
Fatal	24	3	1	0	1	7	4	6	2	0
Personal Injury	616	27	13	50	55	109	168	110	78	6
Property Damage	75	4	0	7	11	12	17	11	7	6
<b>Saturday</b>										
<b>Total</b>	<b>932</b>	<b>52</b>	<b>17</b>	<b>38</b>	<b>127</b>	<b>200</b>	<b>239</b>	<b>153</b>	<b>88</b>	<b>18</b>
Fatal	29	6	1	0	2	1	5	7	7	0
Personal Injury	794	42	12	34	108	177	214	127	72	8
Property Damage	109	4	4	4	17	22	20	19	9	10

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<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>4,357</b>	<b>100.0</b>	<b>142</b>	<b>3,863</b>	<b>352</b>
State Police	887	20.4	25	777	85
County Police	1,043	23.9	49	902	92
New York City Police (NYPD)	1,151	26.4	37	1,083	31
Municipal Police (non-NYC)	1,276	29.3	31	1,101	144
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>4,750</b>	<b>100.0</b>	<b>142</b>	<b>4,055</b>	<b>553</b>
Single Vehicle Crashes	2,012	42.4	57	1,775	180
Two Vehicle Crashes	2,546	53.6	72	2,120	354
3 or More Vehicle Crashes	192	4.0	13	160	19

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<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>4,357</b>	<b>100.0</b>	<b>142</b>	<b>3,863</b>	<b>352</b>
Crashes With No Factor Reported	276	6.3	12	257	7
Crashes With One or More Factors Reported	4,081	93.7	130	3,606	345
<b>Crashes With Human Factors</b>	<b>3,445</b>	<b>79.1</b>	<b>119</b>	<b>3,043</b>	<b>283</b>
Aggressive Driving/Road Rage	74	1.7	4	66	4
Alcohol Involvement	124	2.8	10	105	9
Backing Unsafely	43	1.0	0	18	25
Cell Phone (hand held)	5	0.1	0	4	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	672	15.4	15	590	67
Driver Inexperience	332	7.6	11	307	14
Drugs (Illegal)	4	0.1	0	4	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	98	2.2	6	90	2
Failure to Yield R.O.W.	778	17.9	29	702	47
Fatigued/Drowsy	6	0.1	0	6	0
Fell Asleep	5	0.1	0	5	0
Following too Closely	448	10.3	5	379	64
Illness	3	0.1	0	3	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	5	0.1	0	5	0
Other Electronic Device	3	0.1	0	3	0
Outside Car Distraction	16	0.4	0	15	1
Passenger Distraction	15	0.3	0	15	0
Passing or Lane Usage Improper	331	7.6	9	291	31
Passing too Closely*	30	0.7	0	27	3
Pedestrian/Bicyclist/Other Ped Error/Confusion	24	0.6	0	24	0
Physical Disability	5	0.1	0	5	0
Prescription Medication	1	<0.1	0	1	0
Reaction to Other Uninvolved Vehicle	324	7.4	2	305	17
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	136	3.1	10	114	12
Turning Improperly	268	6.2	9	243	16
Unsafe Lane Changing	212	4.9	8	186	18
Unsafe Speed	765	17.6	69	653	43
Using On Board Navigation Device*	1	<0.1	0	1	0
Other Human	1	<0.1	0	1	0
<b>Crashes With Vehicular Factors</b>	<b>226</b>	<b>5.2</b>	<b>5</b>	<b>199</b>	<b>22</b>
Accelerator Defective	15	0.3	0	14	1
Brakes Defective	24	0.6	0	20	4
Driverless/Runaway Vehicle	3	0.1	0	3	0
Headlights Defective	5	0.1	0	4	1
Other Lighting Defects	3	0.1	0	3	0
Oversized Vehicle	1	<0.1	0	1	0
Steering Failure	15	0.3	0	14	1
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	21	0.5	1	19	1
Tow Hitch Defective	1	<0.1	0	0	1
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	144	3.3	4	127	13
<b>Crashes With Environmental Factors</b>	<b>734</b>	<b>16.8</b>	<b>13</b>	<b>656</b>	<b>65</b>
Animal's Action	287	6.6	2	250	35
Glare	28	0.6	1	26	1
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	113	2.6	0	106	7
Pavement Defective	83	1.9	1	77	5
Pavement Slippery	131	3.0	4	120	7
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	4	0.1	1	3	0
View Obstructed/Limited	98	2.2	6	82	10
Other Environmental	4	0.1	0	4	0

\* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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<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>7,388</b>	<b>100.0</b>	<b>2,666</b>	<b>100.0</b>	<b>4,722</b>	<b>100.0</b>	<b>147</b>	<b>4,123</b>	<b>452</b>
<b>Male</b>	<b>5,966</b>	<b>80.8</b>	<b>1,532</b>	<b>57.5</b>	<b>4,434</b>	<b>93.9</b>	<b>140</b>	<b>3,877</b>	<b>417</b>
Under 16	4	0.1	0	0.0	4	0.1	0	4	0
16 - 17	44	0.6	19	0.7	25	0.5	1	22	2
18 - 20	290	3.9	85	3.2	205	4.3	10	180	15
21 - 24	699	9.5	120	4.5	579	12.3	16	504	59
25 - 29	798	10.8	159	6.0	639	13.5	20	563	56
30 - 34	627	8.5	135	5.1	492	10.4	14	443	35
35 - 39	523	7.1	124	4.7	399	8.4	18	354	27
40 - 44	534	7.2	137	5.1	397	8.4	13	354	30
45 - 49	548	7.4	136	5.1	412	8.7	12	360	40
50 - 54	618	8.4	162	6.1	456	9.7	13	400	43
55 - 59	499	6.8	142	5.3	357	7.6	10	308	39
60 - 64	336	4.5	94	3.5	242	5.1	6	200	36
65 - 69	216	2.9	78	2.9	138	2.9	3	114	21
70 - 74	107	1.4	53	2.0	54	1.1	1	46	7
75 - 79	70	0.9	45	1.7	25	0.5	3	17	5
80 and Over	47	0.6	41	1.5	6	0.1	0	5	1
Unknown Age	6	0.1	2	0.1	4	0.1	0	3	1
<b>Female</b>	<b>1,138</b>	<b>15.4</b>	<b>892</b>	<b>33.5</b>	<b>246</b>	<b>5.2</b>	<b>7</b>	<b>222</b>	<b>17</b>
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	24	0.3	24	0.9	0	0.0	0	0	0
18 - 20	64	0.9	54	2.0	10	0.2	0	9	1
21 - 24	124	1.7	101	3.8	23	0.5	0	20	3
25 - 29	92	1.2	71	2.7	21	0.4	0	21	0
30 - 34	98	1.3	76	2.9	22	0.5	2	17	3
35 - 39	93	1.3	75	2.8	18	0.4	0	18	0
40 - 44	109	1.5	77	2.9	32	0.7	0	32	0
45 - 49	113	1.5	79	3.0	34	0.7	0	31	3
50 - 54	125	1.7	85	3.2	40	0.8	3	33	4
55 - 59	100	1.4	74	2.8	26	0.6	0	24	2
60 - 64	73	1.0	56	2.1	17	0.4	2	14	1
65 - 69	43	0.6	40	1.5	3	0.1	0	3	0
70 - 74	32	0.4	32	1.2	0	0.0	0	0	0
75 - 79	16	0.2	16	0.6	0	0.0	0	0	0
80 and Over	31	0.4	31	1.2	0	0.0	0	0	0
Unknown Age	1	<0.1	1	<0.1	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>284</b>	<b>3.8</b>	<b>242</b>	<b>9.1</b>	<b>42</b>	<b>0.9</b>	<b>0</b>	<b>24</b>	<b>18</b>

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<b>TABLE 9 Motorcyclists Killed or Injured by Age Group</b>				
<b>Age Group</b>	<b>Total Motorcyclists</b>		<b>Motorcyclists</b>	
	<b>Number</b>	<b>Percent</b>	<b>Killed</b>	<b>Injured</b>
<b>Total</b>	<b>4,385</b>	<b>100.0</b>	<b>146</b>	<b>4,239</b>
Under 5	1	<0.1	0	1
5 - 9	6	0.1	0	6
10 - 13	12	0.3	0	12
14 - 17	33	0.8	1	32
18 - 20	208	4.7	9	199
21 - 24	558	12.7	16	542
25 - 29	618	14.1	22	596
30 - 34	473	10.8	15	458
35 - 39	384	8.8	18	366
40 - 44	407	9.3	11	396
45 - 49	426	9.7	13	413
50 - 54	455	10.4	14	441
55 - 59	355	8.1	10	345
60 - 64	227	5.2	9	218
65 - 69	126	2.9	3	123
70 - 74	43	1.0	1	42
75 - 79	20	0.5	4	16
80 and Over	5	0.1	0	5
Unknown Age	28	0.6	0	28

<b>TABLE 10(P) Safety Equipment Used by Motorcyclists</b>								
	<b>Total Motorcyclists</b>		<b>Injury Severity of Motorcyclist</b>					
	<b>Number</b>	<b>Percent</b>	<b>Killed (K)</b>	<b>Serious (A)</b>	<b>Moderate (B)</b>	<b>Minor (C)</b>	<b>Unk Injury</b>	<b>Uninjured (O)</b>
<b>Motorcyclists</b>	<b>4,792</b>	<b>100.0</b>	<b>146</b>	<b>908</b>	<b>1,273</b>	<b>1,815</b>	<b>53</b>	<b>597</b>
No Helmet Used	476	9.9	13	86	126	193	6	52
Helmet Used	3,916	81.7	122	770	1,060	1,475	37	452
Unknown	400	8.3	11	52	87	147	10	93