

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

2012

<b>TABLE 1 Motorcycle Crashes</b>		
<b>Category Totals</b>	<b>All Crashes</b>	<b>Police Reported</b>
<b>Total Crashes</b>	<b>5,916</b>	<b>5,375</b>
Fatal Crashes	164	164
Non-Fatal Personal Injury Crashes	5,052	4,793
Reportable Property Damage Crashes	700	418
<b>Vehicles</b>	<b>9,544</b>	<b>8,685</b>
Drivers Involved	9,186	8,424
<i>Motorcycle Operators</i>	<i>5,851</i>	<i>5,386</i>
<i>Non-Motorcycle Drivers</i>	<i>3,335</i>	<i>3,038</i>
Vehicle Occupants	11,182	10,340
<b>Special Motorcycle Crash Series</b>		
Motorcycle/Pedestrian Crashes	89	87
Motorcycle/Bicycle Crashes	38	37
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>173</b>	<b>173</b>
Drivers Killed	155	155
<i>Motorcycle Operators</i>	<i>154</i>	<i>154</i>
<i>Non-Motorcycle Drivers</i>	<i>1</i>	<i>1</i>
Passengers Killed	11	11
<i>Motorcycle Passengers</i>	<i>10</i>	<i>10</i>
<i>Passengers in Other Vehicles</i>	<i>1</i>	<i>1</i>
Pedestrians Killed	6	6
Bicyclists Killed	1	1
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>5,820</b>	<b>5,545</b>
Drivers Injured	5,129	4,872
Passengers Injured	562	548
Pedestrians Injured	88	86
Bicyclists Injured	31	30
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>5,375</b>	<b>100.0</b>
Fatal (K) Crashes	164	3.1
Personal Injury Crashes		
Serious (A)	1,180	22.0
Moderate (B)	1,545	28.7
Minor (C)	1,982	36.9
Unknown Severity	86	1.6
Property Damage (O) Crashes	418	7.8

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>5,916</b>	<b>251</b>	<b>135</b>	<b>393</b>	<b>639</b>	<b>1,100</b>	<b>1,494</b>	<b>1,154</b>	<b>618</b>	<b>132</b>
<b>Sunday</b>										
<b>Total</b>	<b>1,039</b>	<b>57</b>	<b>29</b>	<b>36</b>	<b>108</b>	<b>272</b>	<b>226</b>	<b>202</b>	<b>82</b>	<b>27</b>
Fatal	41	8	1	2	4	7	7	8	4	0
Personal Injury	885	43	27	28	95	235	199	176	67	15
Property Damage	113	6	1	6	9	30	20	18	11	12
<b>Monday</b>										
<b>Total</b>	<b>695</b>	<b>27</b>	<b>10</b>	<b>63</b>	<b>73</b>	<b>110</b>	<b>187</b>	<b>153</b>	<b>61</b>	<b>11</b>
Fatal	19	1	0	4	2	2	2	4	4	0
Personal Injury	590	26	10	55	57	93	163	132	50	4
Property Damage	86	0	0	4	14	15	22	17	7	7
<b>Tuesday</b>										
<b>Total</b>	<b>652</b>	<b>16</b>	<b>5</b>	<b>48</b>	<b>80</b>	<b>114</b>	<b>158</b>	<b>129</b>	<b>86</b>	<b>16</b>
Fatal	20	1	0	0	4	2	2	7	4	0
Personal Injury	569	12	4	40	71	102	144	113	76	7
Property Damage	63	3	1	8	5	10	12	9	6	9
<b>Wednesday</b>										
<b>Total</b>	<b>759</b>	<b>24</b>	<b>19</b>	<b>60</b>	<b>80</b>	<b>109</b>	<b>216</b>	<b>147</b>	<b>86</b>	<b>18</b>
Fatal	17	1	0	3	1	1	2	4	5	0
Personal Injury	651	21	13	50	71	94	189	132	73	8
Property Damage	91	2	6	7	8	14	25	11	8	10
<b>Thursday</b>										
<b>Total</b>	<b>803</b>	<b>31</b>	<b>19</b>	<b>74</b>	<b>74</b>	<b>140</b>	<b>215</b>	<b>161</b>	<b>75</b>	<b>14</b>
Fatal	19	3	1	2	2	1	3	4	3	0
Personal Injury	685	23	15	66	63	119	189	139	66	5
Property Damage	99	5	3	6	9	20	23	18	6	9
<b>Friday</b>										
<b>Total</b>	<b>913</b>	<b>37</b>	<b>20</b>	<b>72</b>	<b>98</b>	<b>138</b>	<b>237</b>	<b>164</b>	<b>125</b>	<b>22</b>
Fatal	20	5	1	0	3	1	3	6	1	0
Personal Injury	767	24	18	68	83	120	202	132	107	13
Property Damage	126	8	1	4	12	17	32	26	17	9
<b>Saturday</b>										
<b>Total</b>	<b>1,055</b>	<b>59</b>	<b>33</b>	<b>40</b>	<b>126</b>	<b>217</b>	<b>255</b>	<b>198</b>	<b>103</b>	<b>24</b>
Fatal	28	1	1	1	1	5	11	2	6	0
Personal Injury	905	50	29	34	111	184	219	180	83	15
Property Damage	122	8	3	5	14	28	25	16	14	9

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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>5,375</b>	<b>100.0</b>	<b>164</b>	<b>4,793</b>	<b>418</b>
State Police	1,064	19.8	36	924	104
County Police	1,387	25.8	53	1,207	127
New York City Police (NYPD)	1,368	25.5	33	1,295	40
Municipal Police (non-NYC)	1,556	28.9	42	1,367	147
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>5,916</b>	<b>100.0</b>	<b>164</b>	<b>5,052</b>	<b>700</b>
Single Vehicle Crashes	2,564	43.3	62	2,280	222
Two Vehicle Crashes	3,125	52.8	87	2,584	454
3 or More Vehicle Crashes	227	3.8	15	188	24

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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>5,375</b>	<b>100.0</b>	<b>164</b>	<b>4,793</b>	<b>418</b>
Crashes With No Factor Reported	369	6.9	9	351	9
Crashes With One or More Factors Reported	5,006	93.1	155	4,442	409
<b>Crashes With Human Factors</b>	<b>4,207</b>	<b>78.3</b>	<b>151</b>	<b>3,714</b>	<b>342</b>
Aggressive Driving/Road Rage	76	1.4	4	66	6
Alcohol Involvement	179	3.3	16	152	11
Backing Unsafely	66	1.2	1	23	42
Cell Phone (hand held)	6	0.1	0	5	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	811	15.1	14	722	75
Driver Inexperience	427	7.9	16	379	32
Drugs (Illegal)	7	0.1	1	5	1
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	114	2.1	12	95	7
Failure to Yield R.O.W.	955	17.8	34	864	57
Fatigued/Drowsy	1	<0.1	0	1	0
Fell Asleep	4	0.1	0	4	0
Following too Closely	524	9.7	8	452	64
Illness	10	0.2	0	9	1
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	12	0.2	2	10	0
Other Electronic Device	2	<0.1	0	2	0
Outside Car Distraction	27	0.5	1	24	2
Passenger Distraction	8	0.1	1	7	0
Passing or Lane Usage Improper	412	7.7	24	347	41
Passing too Closely*	18	0.3	2	16	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	52	1.0	1	51	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	402	7.5	0	387	15
Texting*	1	<0.1	0	1	0
Traffic Control Disregarded	162	3.0	8	138	16
Turning Improperly	323	6.0	8	295	20
Unsafe Lane Changing	264	4.9	9	234	21
Unsafe Speed	861	16.0	78	740	43
Using On Board Navigation Device*	1	<0.1	0	1	0
Other Human	2	<0.1	0	2	0
<b>Crashes With Vehicular Factors</b>	<b>301</b>	<b>5.6</b>	<b>4</b>	<b>277</b>	<b>20</b>
Accelerator Defective	19	0.4	0	18	1
Brakes Defective	29	0.5	1	25	3
Driverless/Runaway Vehicle	7	0.1	0	7	0
Headlights Defective	4	0.1	0	4	0
Other Lighting Defects	4	0.1	0	4	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	21	0.4	0	19	2
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	37	0.7	2	35	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	178	3.3	1	163	14
<b>Crashes With Environmental Factors</b>	<b>894</b>	<b>16.6</b>	<b>8</b>	<b>807</b>	<b>79</b>
Animal's Action	391	7.3	2	351	38
Glare	38	0.7	1	35	2
Lane Marking Improper/Inadequate	3	0.1	0	2	1
Obstruction/Debris	142	2.6	0	130	12
Pavement Defective	68	1.3	0	67	1
Pavement Slippery	157	2.9	2	144	11
Shoulders Defective/Improper	6	0.1	0	4	2
Traffic Control Device Improper/Non-Working	6	0.1	0	6	0
View Obstructed/Limited	109	2.0	3	92	14
Other Environmental	1	<0.1	0	1	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>9,186</b>	<b>100.0</b>	<b>3,335</b>	<b>100.0</b>	<b>5,851</b>	<b>100.0</b>	<b>168</b>	<b>5,121</b>	<b>562</b>
<b>Male</b>	<b>7,295</b>	<b>79.4</b>	<b>1,866</b>	<b>56.0</b>	<b>5,429</b>	<b>92.8</b>	<b>163</b>	<b>4,760</b>	<b>506</b>
Under 16	8	0.1	0	0.0	8	0.1	0	7	1
16 - 17	63	0.7	27	0.8	36	0.6	1	32	3
18 - 20	375	4.1	97	2.9	278	4.8	10	247	21
21 - 24	909	9.9	164	4.9	745	12.7	19	659	67
25 - 29	929	10.1	177	5.3	752	12.9	30	651	71
30 - 34	749	8.2	171	5.1	578	9.9	20	515	43
35 - 39	620	6.7	149	4.5	471	8.0	17	412	42
40 - 44	688	7.5	169	5.1	519	8.9	15	468	36
45 - 49	767	8.3	194	5.8	573	9.8	13	488	72
50 - 54	744	8.1	179	5.4	565	9.7	19	486	60
55 - 59	586	6.4	153	4.6	433	7.4	8	379	46
60 - 64	399	4.3	132	4.0	267	4.6	6	233	28
65 - 69	221	2.4	93	2.8	128	2.2	2	116	10
70 - 74	125	1.4	69	2.1	56	1.0	3	49	4
75 - 79	44	0.5	33	1.0	11	0.2	0	10	1
80 and Over	61	0.7	54	1.6	7	0.1	0	7	0
Unknown Age	7	0.1	5	0.1	2	<0.1	0	1	1
<b>Female</b>	<b>1,526</b>	<b>16.6</b>	<b>1,151</b>	<b>34.5</b>	<b>375</b>	<b>6.4</b>	<b>5</b>	<b>346</b>	<b>24</b>
Under 16	2	<0.1	0	0.0	2	<0.1	0	2	0
16 - 17	28	0.3	26	0.8	2	<0.1	0	2	0
18 - 20	87	0.9	78	2.3	9	0.2	0	9	0
21 - 24	129	1.4	103	3.1	26	0.4	1	25	0
25 - 29	171	1.9	118	3.5	53	0.9	0	46	7
30 - 34	145	1.6	106	3.2	39	0.7	0	38	1
35 - 39	130	1.4	94	2.8	36	0.6	1	33	2
40 - 44	146	1.6	99	3.0	47	0.8	0	43	4
45 - 49	174	1.9	115	3.4	59	1.0	1	52	6
50 - 54	169	1.8	119	3.6	50	0.9	0	48	2
55 - 59	111	1.2	78	2.3	33	0.6	1	31	1
60 - 64	80	0.9	71	2.1	9	0.2	0	9	0
65 - 69	58	0.6	49	1.5	9	0.2	1	7	1
70 - 74	31	0.3	30	0.9	1	<0.1	0	1	0
75 - 79	20	0.2	20	0.6	0	0.0	0	0	0
80 and Over	45	0.5	45	1.3	0	0.0	0	0	0
Unknown Age	0	0.0	0	0.0	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>365</b>	<b>4.0</b>	<b>318</b>	<b>9.5</b>	<b>47</b>	<b>0.8</b>	<b>0</b>	<b>15</b>	<b>32</b>

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>5,508</b>	<b>100.0</b>	<b>164</b>	<b>5,344</b>
Under 5	0	0.0	0	0
5 - 9	4	0.1	0	4
10 - 13	14	0.3	0	14
14 - 17	56	1.0	1	55
18 - 20	293	5.3	11	282
21 - 24	723	13.1	19	704
25 - 29	741	13.5	28	713
30 - 34	581	10.5	18	563
35 - 39	471	8.6	17	454
40 - 44	545	9.9	14	531
45 - 49	586	10.6	17	569
50 - 54	579	10.5	18	561
55 - 59	431	7.8	9	422
60 - 64	253	4.6	7	246
65 - 69	131	2.4	3	128
70 - 74	55	1.0	2	53
75 - 79	10	0.2	0	10
80 and Over	7	0.1	0	7
Unknown Age	28	0.5	0	28

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Motorcyclists</b>	<b>5,893</b>	<b>100.0</b>	<b>164</b>	<b>1,193</b>	<b>1,662</b>	<b>2,167</b>	<b>53</b>	<b>654</b>
No Helmet Used	629	10.7	15	116	179	231	12	76
Helmet Used	4,736	80.4	136	1004	1,367	1,710	35	484
Unknown	528	9.0	13	73	116	226	6	94