

## New York State Department of Motor Vehicles Summary of Bicycle/Motor Vehicle Crashes

2011

<b>TABLE 1 Bicycle/Motor Vehicle Crashes</b>		
<b>Category Totals</b>	<b>All Crashes</b>	<b>Police Reported</b>
<b>Total Crashes</b>	<b>6,076</b>	<b>5,819</b>
Fatal Crashes	57	57
Non-Fatal Personal Injury Crashes	5,995	5,738
Reportable Property Damage Crashes	24	24
<b>Vehicles</b>	<b>6,209</b>	<b>5,951</b>
Drivers Involved	5,936	5,694
Vehicle Occupants	8,036	7,769
<b>Special Bicycle Crash Series</b>		
Bicycle/Pedestrian/Motor Vehicle Crashes	5	5
Bicycle/Motorcycle Crashes	27	24
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>57</b>	<b>57</b>
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	57	57
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>6,019</b>	<b>5,758</b>
Drivers Injured	93	91
Passengers Injured	37	37
Pedestrians Injured	5	5
Bicyclists Injured	5,883	5,624
Other	1	1
(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>5,819</b>	<b>100.0</b>
Fatal (K) Crashes	57	1.0
Personal Injury Crashes		
Serious (A)	607	10.4
Moderate (B)	1,760	30.2
Minor (C)	3,057	52.5
Unknown Severity	314	5.4
Property Damage (O) Crashes	24	0.4

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>6,076</b>	<b>185</b>	<b>100</b>	<b>431</b>	<b>713</b>	<b>1,097</b>	<b>1,544</b>	<b>1,334</b>	<b>623</b>	<b>49</b>
<b>Sunday</b>										
<b>Total</b>	<b>664</b>	<b>42</b>	<b>18</b>	<b>19</b>	<b>85</b>	<b>139</b>	<b>158</b>	<b>129</b>	<b>68</b>	<b>6</b>
Fatal	6	1	1	1	0	0	2	0	1	0
Personal Injury	656	40	17	18	85	138	156	129	67	6
Property Damage	2	1	0	0	0	1	0	0	0	0
<b>Monday</b>										
<b>Total</b>	<b>885</b>	<b>14</b>	<b>13</b>	<b>78</b>	<b>103</b>	<b>151</b>	<b>246</b>	<b>186</b>	<b>86</b>	<b>8</b>
Fatal	7	0	0	1	1	0	4	0	1	0
Personal Injury	876	14	13	77	101	151	241	186	85	8
Property Damage	2	0	0	0	1	0	1	0	0	0
<b>Tuesday</b>										
<b>Total</b>	<b>886</b>	<b>17</b>	<b>13</b>	<b>65</b>	<b>103</b>	<b>162</b>	<b>244</b>	<b>200</b>	<b>79</b>	<b>3</b>
Fatal	8	0	0	1	0	2	1	2	2	0
Personal Injury	873	17	13	64	102	158	241	198	77	3
Property Damage	5	0	0	0	1	2	2	0	0	0
<b>Wednesday</b>										
<b>Total</b>	<b>939</b>	<b>22</b>	<b>13</b>	<b>84</b>	<b>105</b>	<b>153</b>	<b>225</b>	<b>231</b>	<b>99</b>	<b>7</b>
Fatal	5	1	0	1	0	1	1	1	0	0
Personal Injury	929	20	13	83	105	150	223	229	99	7
Property Damage	5	1	0	0	0	2	1	1	0	0
<b>Thursday</b>										
<b>Total</b>	<b>864</b>	<b>15</b>	<b>6</b>	<b>59</b>	<b>105</b>	<b>140</b>	<b>237</b>	<b>206</b>	<b>82</b>	<b>14</b>
Fatal	12	0	1	1	1	0	2	4	3	0
Personal Injury	850	15	5	58	104	140	234	202	78	14
Property Damage	2	0	0	0	0	0	1	0	1	0
<b>Friday</b>										
<b>Total</b>	<b>1,024</b>	<b>34</b>	<b>20</b>	<b>87</b>	<b>108</b>	<b>181</b>	<b>254</b>	<b>219</b>	<b>114</b>	<b>7</b>
Fatal	13	1	1	0	1	1	2	2	5	0
Personal Injury	1,007	33	19	87	107	179	250	216	109	7
Property Damage	4	0	0	0	0	1	2	1	0	0
<b>Saturday</b>										
<b>Total</b>	<b>814</b>	<b>41</b>	<b>17</b>	<b>39</b>	<b>104</b>	<b>171</b>	<b>180</b>	<b>163</b>	<b>95</b>	<b>4</b>
Fatal	6	1	0	0	0	1	0	2	2	0
Personal Injury	804	40	17	39	103	169	178	161	93	4
Property Damage	4	0	0	0	1	1	2	0	0	0

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<b>TABLE 4(P) Police Investigating Agency</b>					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total</b>	<b>5,819</b>	<b>100.0</b>	<b>57</b>	<b>5,738</b>	<b>24</b>
State Police	121	2.1	3	117	1
County Police	753	12.9	18	729	6
New York City Police (NYPD)	3,402	58.5	22	3,380	0
Municipal Police (non-NYC)	1,543	26.5	14	1,512	17
Unknown	0	0.0	0	0	0

<b>TABLE 5 Jurisdictional Road System</b>					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
<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>					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total</b>	<b>6,076</b>	<b>100.0</b>	<b>57</b>	<b>5,995</b>	<b>24</b>
Single Vehicle Crashes	5,971	98.3	52	5,898	21
Two Vehicle Crashes	87	1.4	2	83	2
3 or More Vehicle Crashes	18	0.3	3	14	1

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	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Crashes</b>	<b>5,819</b>	<b>100.0</b>	<b>57</b>	<b>5,738</b>	<b>24</b>
Crashes With No Factor Reported	1,266	21.8	12	1,253	1
Crashes With One or More Factors Reported	4,553	78.2	45	4,485	23
<b>Crashes With Human Factors</b>	<b>4,318</b>	<b>74.2</b>	<b>43</b>	<b>4,252</b>	<b>23</b>
Aggressive Driving/Road Rage	42	0.7	0	42	0
Alcohol Involvement	94	1.6	3	91	0
Backing Unsafely	59	1.0	0	58	1
Cell Phone (hand held)	10	0.2	0	9	1
Cell Phone (hands free)	3	0.1	0	3	0
Driver Inattention/Distraction	1,276	21.9	7	1,260	9
Driver Inexperience	103	1.8	2	100	1
Drugs (Illegal)	5	0.1	0	5	0
Eating or Drinking*	1	<0.1	0	1	0
Failure to Keep Right	74	1.3	0	74	0
Failure to Yield R.O.W.	1,204	20.7	7	1,187	10
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	2	<0.1	1	1	0
Following too Closely	111	1.9	0	111	0
Illness	2	<0.1	0	2	0
Listening/Using Headphones*	2	<0.1	0	2	0
Lost Consciousness	3	0.1	0	3	0
Other Electronic Device	11	0.2	0	10	1
Outside Car Distraction	22	0.4	0	22	0
Passenger Distraction	48	0.8	0	48	0
Passing or Lane Usage Improper	269	4.6	3	266	0
Passing too Closely*	4	0.1	0	4	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,688	29.0	29	1,652	7
Physical Disability	6	0.1	0	6	0
Prescription Medication	1	<0.1	0	1	0
Reaction to Other Uninvolved Vehicle	57	1.0	1	56	0
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	389	6.7	3	384	2
Turning Improperly	196	3.4	2	194	0
Unsafe Lane Changing	74	1.3	0	74	0
Unsafe Speed	133	2.3	0	132	1
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	0	0.0	0	0	0
<b>Crashes With Vehicular Factors</b>	<b>208</b>	<b>3.6</b>	<b>5</b>	<b>203</b>	<b>0</b>
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	54	0.9	0	54	0
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	14	0.2	2	12	0
Oversized Vehicle	15	0.3	0	15	0
Steering Failure	2	<0.1	0	2	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	4	0.1	0	4	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	1	0	0
Other Vehicular	117	2.0	2	115	0
<b>Crashes With Environmental Factors</b>	<b>384</b>	<b>6.6</b>	<b>10</b>	<b>372</b>	<b>2</b>
Animal's Action	0	0.0	0	0	0
Glare	68	1.2	1	67	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	27	0.5	0	27	0
Pavement Defective	8	0.1	1	7	0
Pavement Slippery	55	0.9	2	52	1
Shoulders Defective/Improper	5	0.1	0	5	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	232	4.0	6	225	1
Other Environmental	0	0.0	0	0	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>Drivers by Severity of Crash</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>5,936</b>	<b>100.0</b>	<b>61</b>	<b>5,848</b>	<b>27</b>
<b>Male</b>	<b>3,572</b>	<b>60.2</b>	<b>41</b>	<b>3,522</b>	<b>9</b>
Under 16	0	0.0	0	0	0
16 - 17	28	0.5	0	28	0
18 - 20	122	2.1	4	117	1
21 - 24	267	4.5	8	259	0
25 - 29	321	5.4	3	318	0
30 - 34	343	5.8	5	337	1
35 - 39	349	5.9	4	345	0
40 - 44	356	6.0	6	349	1
45 - 49	445	7.5	3	437	5
50 - 54	429	7.2	3	425	1
55 - 59	329	5.5	2	327	0
60 - 64	239	4.0	2	237	0
65 - 69	145	2.4	1	144	0
70 - 74	86	1.4	0	86	0
75 - 79	47	0.8	0	47	0
80 and Over	49	0.8	0	49	0
Unknown Age	17	0.3	0	17	0
<b>Female</b>	<b>1,607</b>	<b>27.1</b>	<b>17</b>	<b>1,572</b>	<b>18</b>
Under 16	0	0.0	0	0	0
16 - 17	14	0.2	2	12	0
18 - 20	61	1.0	1	59	1
21 - 24	133	2.2	1	129	3
25 - 29	173	2.9	4	169	0
30 - 34	157	2.6	1	154	2
35 - 39	147	2.5	1	143	3
40 - 44	187	3.2	2	184	1
45 - 49	192	3.2	1	188	3
50 - 54	149	2.5	1	146	2
55 - 59	130	2.2	2	128	0
60 - 64	99	1.7	0	98	1
65 - 69	56	0.9	0	56	0
70 - 74	31	0.5	1	29	1
75 - 79	30	0.5	0	30	0
80 and Over	43	0.7	0	42	1
Unknown Age	5	0.1	0	5	0
<b>Unknown Gender</b>	<b>757</b>	<b>12.8</b>	<b>3</b>	<b>754</b>	<b>0</b>

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>5,940</b>	<b>100.0</b>	<b>57</b>	<b>5,883</b>
Under 5	9	0.2	0	9
5 - 9	172	2.9	2	170
10 - 13	409	6.9	0	409
14 - 17	636	10.7	4	632
18 - 20	546	9.2	2	544
21 - 24	665	11.2	7	658
25 - 29	665	11.2	6	659
30 - 34	487	8.2	6	481
35 - 39	312	5.3	5	307
40 - 44	348	5.9	1	347
45 - 49	355	6.0	4	351
50 - 54	306	5.2	9	297
55 - 59	208	3.5	1	207
60 - 64	130	2.2	3	127
65 - 69	71	1.2	2	69
70 - 74	31	0.5	2	29
75 - 79	24	0.4	0	24
80 and Over	13	0.2	0	13
Unknown Age	553	9.3	3	550

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Bicyclists</b>	<b>5,913</b>	<b>100.0</b>	<b>57</b>	<b>605</b>	<b>1,764</b>	<b>3,108</b>	<b>147</b>	<b>232</b>
No Helmet Used	2,451	41.5	34	270	719	1,324	32	72
Helmet Used	923	15.6	4	100	325	452	13	29
Unknown	2,539	42.9	19	235	720	1,332	102	131