

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

2012

<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>6,137</b>	<b>5,912</b>
Fatal Crashes	45	45
Non-Fatal Personal Injury Crashes	6,025	5,823
Reportable Property Damage Crashes	67	44
<b>Vehicles</b>	<b>6,263</b>	<b>6,034</b>
Drivers Involved	6,077	5,856
Vehicle Occupants	7,976	7,725
<b>Special Bicycle Crash Series</b>		
Bicycle/Pedestrian/Motor Vehicle Crashes	12	10
Bicycle/Motorcycle Crashes	38	37
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>45</b>	<b>45</b>
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	45	45
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>6,087</b>	<b>5,883</b>
Drivers Injured	99	96
Passengers Injured	40	40
Pedestrians Injured	18	16
Bicyclists Injured	5,929	5,730
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>5,912</b>	<b>100.0</b>
Fatal (K) Crashes	45	0.8
Personal Injury Crashes		
Serious (A)	594	10.0
Moderate (B)	1,785	30.2
Minor (C)	3,185	53.9
Unknown Severity	259	4.4
Property Damage (O) Crashes	44	0.7

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.

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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>6,137</b>	<b>175</b>	<b>101</b>	<b>470</b>	<b>754</b>	<b>1,079</b>	<b>1,520</b>	<b>1,324</b>	<b>662</b>	<b>52</b>
<b>Sunday</b>										
<b>Total</b>	<b>664</b>	<b>29</b>	<b>18</b>	<b>20</b>	<b>69</b>	<b>146</b>	<b>144</b>	<b>154</b>	<b>80</b>	<b>4</b>
Fatal	10	1	0	1	1	4	0	1	2	0
Personal Injury	648	28	18	19	68	140	143	152	78	2
Property Damage	6	0	0	0	0	2	1	1	0	2
<b>Monday</b>										
<b>Total</b>	<b>893</b>	<b>20</b>	<b>11</b>	<b>72</b>	<b>115</b>	<b>168</b>	<b>237</b>	<b>173</b>	<b>87</b>	<b>10</b>
Fatal	6	0	1	3	0	1	0	1	0	0
Personal Injury	881	20	10	68	115	166	234	172	86	10
Property Damage	6	0	0	1	0	1	3	0	1	0
<b>Tuesday</b>										
<b>Total</b>	<b>881</b>	<b>21</b>	<b>10</b>	<b>71</b>	<b>108</b>	<b>140</b>	<b>223</b>	<b>219</b>	<b>81</b>	<b>8</b>
Fatal	6	0	0	2	2	0	1	1	0	0
Personal Injury	863	21	10	68	106	138	218	215	80	7
Property Damage	12	0	0	1	0	2	4	3	1	1
<b>Wednesday</b>										
<b>Total</b>	<b>935</b>	<b>13</b>	<b>9</b>	<b>100</b>	<b>105</b>	<b>155</b>	<b>234</b>	<b>211</b>	<b>96</b>	<b>12</b>
Fatal	7	0	1	1	0	0	1	3	1	0
Personal Injury	914	13	8	99	105	150	228	206	93	12
Property Damage	14	0	0	0	0	5	5	2	2	0
<b>Thursday</b>										
<b>Total</b>	<b>963</b>	<b>23</b>	<b>15</b>	<b>89</b>	<b>110</b>	<b>158</b>	<b>244</b>	<b>222</b>	<b>97</b>	<b>5</b>
Fatal	4	0	0	0	1	2	0	1	0	0
Personal Injury	949	23	15	88	107	155	242	217	97	5
Property Damage	10	0	0	1	2	1	2	4	0	0
<b>Friday</b>										
<b>Total</b>	<b>979</b>	<b>29</b>	<b>23</b>	<b>89</b>	<b>130</b>	<b>152</b>	<b>255</b>	<b>179</b>	<b>116</b>	<b>6</b>
Fatal	5	0	0	0	0	0	2	2	1	0
Personal Injury	962	28	23	89	130	150	247	174	115	6
Property Damage	12	1	0	0	0	2	6	3	0	0
<b>Saturday</b>										
<b>Total</b>	<b>822</b>	<b>40</b>	<b>15</b>	<b>29</b>	<b>117</b>	<b>160</b>	<b>183</b>	<b>166</b>	<b>105</b>	<b>7</b>
Fatal	7	1	0	1	0	3	1	0	1	0
Personal Injury	808	39	15	28	117	155	180	164	103	7
Property Damage	7	0	0	0	0	2	2	2	1	0

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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>5,912</b>	<b>100.0</b>	<b>45</b>	<b>5,823</b>	<b>44</b>
State Police	114	1.9	7	104	3
County Police	756	12.8	12	738	6
New York City Police (NYPD)	3,464	58.6	17	3,445	2
Municipal Police (non-NYC)	1,578	26.7	9	1,536	33
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>6,137</b>	<b>100.0</b>	<b>45</b>	<b>6,025</b>	<b>67</b>
Single Vehicle Crashes	6,030	98.3	39	5,926	65
Two Vehicle Crashes	93	1.5	4	88	1
3 or More Vehicle Crashes	14	0.2	2	11	1

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<b>TABLE 7(P) Crash Contributing Factors</b>					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Crashes</b>	<b>5,912</b>	<b>100.0</b>	<b>45</b>	<b>5,823</b>	<b>44</b>
Crashes With No Factor Reported	1,136	19.2	6	1,127	3
Crashes With One or More Factors Reported	4,776	80.8	39	4,696	41
<b>Crashes With Human Factors</b>	<b>4,575</b>	<b>77.4</b>	<b>38</b>	<b>4,499</b>	<b>38</b>
Aggressive Driving/Road Rage	48	0.8	1	47	0
Alcohol Involvement	112	1.9	3	108	1
Backing Unsafely	49	0.8	0	49	0
Cell Phone (hand held)	8	0.1	0	8	0
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distraction	1,297	21.9	12	1,277	8
Driver Inexperience	98	1.7	0	96	2
Drugs (Illegal)	7	0.1	1	6	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	74	1.3	2	72	0
Failure to Yield R.O.W.	1,401	23.7	7	1,379	15
Fatigued/Drowsy	2	<0.1	1	1	0
Fell Asleep	0	0.0	0	0	0
Following too Closely	113	1.9	0	112	1
Illness	1	<0.1	0	1	0
Listening/Using Headphones*	8	0.1	1	7	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	4	0.1	0	4	0
Outside Car Distraction	17	0.3	0	17	0
Passenger Distraction	61	1.0	1	60	0
Passing or Lane Usage Improper	320	5.4	7	313	0
Passing too Closely*	51	0.9	0	51	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,726	29.2	13	1,695	18
Physical Disability	3	0.1	0	3	0
Prescription Medication	6	0.1	0	6	0
Reaction to Other Uninvolved Vehicle	50	0.8	0	49	1
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	509	8.6	5	500	4
Turning Improperly	160	2.7	1	158	1
Unsafe Lane Changing	90	1.5	2	88	0
Unsafe Speed	113	1.9	2	110	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>189</b>	<b>3.2</b>	<b>2</b>	<b>184</b>	<b>3</b>
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	48	0.8	1	45	2
Driverless/Runaway Vehicle	4	0.1	0	4	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	15	0.3	0	15	0
Oversized Vehicle	14	0.2	0	14	0
Steering Failure	1	<0.1	0	1	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	4	0.1	0	4	0
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	98	1.7	1	96	1
<b>Crashes With Environmental Factors</b>	<b>347</b>	<b>5.9</b>	<b>3</b>	<b>342</b>	<b>2</b>
Animal's Action	3	0.1	0	3	0
Glare	74	1.3	0	74	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	18	0.3	0	18	0
Pavement Defective	4	0.1	0	4	0
Pavement Slippery	39	0.7	1	38	0
Shoulders Defective/Improper	3	0.1	0	3	0
Traffic Control Device Improper/Non-Working	5	0.1	0	5	0
View Obstructed/Limited	206	3.5	2	202	2
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>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>6,077</b>	<b>100.0</b>	<b>48</b>	<b>5,962</b>	<b>67</b>
<b>Male</b>	<b>3,658</b>	<b>60.2</b>	<b>30</b>	<b>3,592</b>	<b>36</b>
Under 16	0	0.0	0	0	0
16 - 17	22	0.4	0	21	1
18 - 20	108	1.8	4	104	0
21 - 24	248	4.1	5	241	2
25 - 29	338	5.6	5	325	8
30 - 34	363	6.0	4	358	1
35 - 39	353	5.8	1	348	4
40 - 44	339	5.6	2	334	3
45 - 49	423	7.0	2	419	2
50 - 54	403	6.6	0	397	6
55 - 59	376	6.2	1	374	1
60 - 64	248	4.1	1	244	3
65 - 69	181	3.0	1	179	1
70 - 74	99	1.6	2	93	4
75 - 79	77	1.3	1	76	0
80 and Over	65	1.1	1	64	0
Unknown Age	15	0.2	0	15	0
<b>Female</b>	<b>1,587</b>	<b>26.1</b>	<b>11</b>	<b>1,547</b>	<b>29</b>
Under 16	0	0.0	0	0	0
16 - 17	13	0.2	0	12	1
18 - 20	80	1.3	0	80	0
21 - 24	114	1.9	1	111	2
25 - 29	181	3.0	4	175	2
30 - 34	159	2.6	0	157	2
35 - 39	142	2.3	0	139	3
40 - 44	158	2.6	1	156	1
45 - 49	157	2.6	2	151	4
50 - 54	144	2.4	2	140	2
55 - 59	127	2.1	0	122	5
60 - 64	103	1.7	1	98	4
65 - 69	67	1.1	0	66	1
70 - 74	57	0.9	0	56	1
75 - 79	42	0.7	0	42	0
80 and Over	41	0.7	0	40	1
Unknown Age	2	<0.1	0	2	0
<b>Unknown Gender</b>	<b>832</b>	<b>13.7</b>	<b>7</b>	<b>823</b>	<b>2</b>

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>5,974</b>	<b>100.0</b>	<b>45</b>	<b>5,929</b>
Under 5	27	0.5	0	27
5 - 9	121	2.0	0	121
10 - 13	365	6.1	2	363
14 - 17	609	10.2	5	604
18 - 20	482	8.1	4	478
21 - 24	708	11.9	2	706
25 - 29	669	11.2	5	664
30 - 34	503	8.4	1	502
35 - 39	397	6.6	3	394
40 - 44	358	6.0	3	355
45 - 49	331	5.5	4	327
50 - 54	338	5.7	9	329
55 - 59	244	4.1	2	242
60 - 64	126	2.1	4	122
65 - 69	86	1.4	1	85
70 - 74	39	0.7	0	39
75 - 79	33	0.6	0	33
80 and Over	17	0.3	0	17
Unknown Age	521	8.7	0	521

	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>5,976</b>	<b>100.0</b>	<b>45</b>	<b>585</b>	<b>1,793</b>	<b>3,210</b>	<b>142</b>	<b>201</b>
No Helmet Used	2,500	41.8	22	273	749	1,333	40	83
Helmet Used	947	15.8	10	93	320	487	19	18
Unknown	2,529	42.3	13	219	724	1,390	83	100