

**New York State Department of Motor Vehicles**  
**Summary of Bicycle/Motor Vehicle Accidents**

**2010**

<b>TABLE 1 Bicycle/Motor Vehicle Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>6,276</b>	<b>6,025</b>
Fatal Accidents	36	36
Non-Fatal Personal Injury Accidents	6,206	5,960
Reportable Property Damage Accidents	34	29
<b>Vehicles</b>	<b>6,379</b>	<b>6,126</b>
Drivers Involved	6,099	5,857
Vehicle Occupants	8,297	8,031
<b>Special Bicycle Accident Series</b>		
Bicycle/Pedestrian/Motor Vehicle Accidents	6	6
Bicycle/Motorcycle Accidents	28	28
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>36</b>	<b>36</b>
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	36	36
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>6,211</b>	<b>5,961</b>
Drivers Injured	108	107
Passengers Injured	40	40
Pedestrians Injured	5	5
Bicyclists Injured	6,058	5,809
Other	0	0
(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 Accident</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>6,025</b>	<b>100.0</b>
Fatal (K) Accidents	36	0.6
Personal Injury Accidents		
Serious (A)	665	11.0
Moderate (B)	1,831	30.4
Minor (C)	3,133	52.0
Unknown Severity	331	5.5
Property Damage (O) Accidents	29	0.5

General Notes

- \* Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Accident 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 Accidents</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>6,276</b>	<b>164</b>	<b>92</b>	<b>451</b>	<b>693</b>	<b>1,180</b>	<b>1,603</b>	<b>1,392</b>	<b>645</b>	<b>56</b>
<b>Sunday</b>										
<b>Total</b>	<b>710</b>	<b>31</b>	<b>24</b>	<b>28</b>	<b>87</b>	<b>144</b>	<b>179</b>	<b>141</b>	<b>69</b>	<b>7</b>
Fatal	6	0	0	0	0	1	1	4	0	0
Personal Injury	701	31	24	28	87	142	176	137	69	7
Property Damage	3	0	0	0	0	1	2	0	0	0
<b>Monday</b>										
<b>Total</b>	<b>910</b>	<b>18</b>	<b>10</b>	<b>67</b>	<b>84</b>	<b>164</b>	<b>239</b>	<b>233</b>	<b>86</b>	<b>9</b>
Fatal	8	1	0	0	1	1	3	1	1	0
Personal Injury	893	17	10	67	83	161	233	228	85	9
Property Damage	9	0	0	0	0	2	3	4	0	0
<b>Tuesday</b>										
<b>Total</b>	<b>909</b>	<b>12</b>	<b>15</b>	<b>70</b>	<b>96</b>	<b>170</b>	<b>251</b>	<b>201</b>	<b>88</b>	<b>6</b>
Fatal	7	0	0	0	0	1	4	2	0	0
Personal Injury	898	12	15	70	96	169	245	198	88	5
Property Damage	4	0	0	0	0	0	2	1	0	1
<b>Wednesday</b>										
<b>Total</b>	<b>977</b>	<b>25</b>	<b>6</b>	<b>107</b>	<b>120</b>	<b>156</b>	<b>241</b>	<b>206</b>	<b>110</b>	<b>6</b>
Fatal	4	1	0	1	1	0	0	1	0	0
Personal Injury	967	24	6	106	119	155	238	205	108	6
Property Damage	6	0	0	0	0	1	3	0	2	0
<b>Thursday</b>										
<b>Total</b>	<b>945</b>	<b>24</b>	<b>17</b>	<b>78</b>	<b>91</b>	<b>174</b>	<b>243</b>	<b>232</b>	<b>78</b>	<b>8</b>
Fatal	2	0	0	1	0	0	0	0	1	0
Personal Injury	936	24	17	76	90	172	243	230	77	7
Property Damage	7	0	0	1	1	2	0	2	0	1
<b>Friday</b>										
<b>Total</b>	<b>979</b>	<b>23</b>	<b>7</b>	<b>70</b>	<b>105</b>	<b>172</b>	<b>252</b>	<b>213</b>	<b>126</b>	<b>11</b>
Fatal	4	0	1	1	1	1	0	0	0	0
Personal Injury	972	23	6	68	104	170	251	213	126	11
Property Damage	3	0	0	1	0	1	1	0	0	0
<b>Saturday</b>										
<b>Total</b>	<b>846</b>	<b>31</b>	<b>13</b>	<b>31</b>	<b>110</b>	<b>200</b>	<b>198</b>	<b>166</b>	<b>88</b>	<b>9</b>
Fatal	5	0	1	1	0	1	1	1	0	0
Personal Injury	839	31	12	30	110	198	197	165	87	9
Property Damage	2	0	0	0	0	1	0	0	1	0

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<b>TABLE 4(P) Police Investigating Agency</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>6,025</b>	<b>100.0</b>	<b>36</b>	<b>5,960</b>	<b>29</b>
State Police	136	2.3	2	132	2
County Police	730	12.1	7	718	5
New York City Police (NYPD)	3,490	57.9	18	3,469	3
Municipal Police (non-NYC)	1,669	27.7	9	1,641	19
Unknown	0	0.0	0	0	0

<b>TABLE 5 Jurisdictional Road System</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</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 Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>6,276</b>	<b>100.0</b>	<b>36</b>	<b>6,206</b>	<b>34</b>
Single Vehicle Accidents	6,182	98.5	29	6,120	33
Two Vehicle Accidents	89	1.4	6	82	1
3 or More Vehicle Accidents	5	0.1	1	4	0

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<b>TABLE 7(P) Accident Contributing Factors</b>					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Accidents</b>	<b>6,025</b>	<b>100.0</b>	<b>36</b>	<b>5,960</b>	<b>29</b>
Accidents With No Factor Reported	1,746	29.0	7	1,734	5
Accidents With One or More Factors Reported	4,279	71.0	29	4,226	24
<b>Accidents With Human Factors</b>	<b>4,086</b>	<b>67.8</b>	<b>27</b>	<b>4,036</b>	<b>23</b>
Aggressive Driving/Road Rage	40	0.7	0	40	0
Alcohol Involvement	96	1.6	1	95	0
Backing Unsafely	41	0.7	0	41	0
Cell Phone (hand held)	5	0.1	0	5	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	1,229	20.4	6	1,216	7
Driver Inexperience	74	1.2	1	73	0
Drugs (Illegal)	2	<0.1	0	2	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	79	1.3	0	77	2
Failure to Yield R.O.W.	1,179	19.6	10	1,162	7
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	1	<0.1	0	1	0
Following too Closely	65	1.1	1	64	0
Illness	4	0.1	0	4	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	1	<0.1	1	0	0
Other Electronic Device	6	0.1	0	6	0
Outside Car Distraction	27	0.4	0	26	1
Passenger Distraction	43	0.7	0	43	0
Passing or Lane Usage Improper	248	4.1	3	244	1
Passing too Closely*	0	0.0	0	0	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,624	27.0	11	1,605	8
Physical Disability	5	0.1	0	5	0
Prescription Medication	2	<0.1	1	1	0
Reaction to Other Uninvolved Vehicle	50	0.8	0	49	1
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	370	6.1	5	363	2
Turning Improperly	152	2.5	1	150	1
Unsafe Lane Changing	85	1.4	1	84	0
Unsafe Speed	129	2.1	2	127	0
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	6	0.1	0	6	0
<b>Accidents With Vehicular Factors</b>	<b>188</b>	<b>3.1</b>	<b>1</b>	<b>186</b>	<b>1</b>
Accelerator Defective	0	0.0	0	0	0
Brakes Defective	50	0.8	0	49	1
Driverless/Runaway Vehicle	10	0.2	0	10	0
Headlights Defective	3	<0.1	0	3	0
Other Lighting Defects	7	0.1	0	7	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	0	0.0	0	0	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	1	<0.1	0	1	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	115	1.9	1	114	0
<b>Accidents With Environmental Factors</b>	<b>320</b>	<b>5.3</b>	<b>2</b>	<b>318</b>	<b>0</b>
Animal's Action	2	<0.1	0	2	0
Glare	59	1.0	1	58	0
Lane Marking Improper/Inadequate	8	0.1	0	8	0
Obstruction/Debris	19	0.3	0	19	0
Pavement Defective	7	0.1	1	6	0
Pavement Slippery	29	0.5	0	29	0
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	3	<0.1	0	3	0
View Obstructed/Limited	201	3.3	0	201	0
Other Environmental	1	<0.1	0	1	0

\* New contributing factor as of October 2010.

Note: Many accidents 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 Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>6,099</b>	<b>100.0</b>	<b>39</b>	<b>6,027</b>	<b>33</b>
<b>Male</b>	<b>3,694</b>	<b>60.6</b>	<b>28</b>	<b>3,652</b>	<b>14</b>
Under 16	0	0.0	0	0	0
16 - 17	30	0.5	1	29	0
18 - 20	155	2.5	0	154	1
21 - 24	250	4.1	5	245	0
25 - 29	332	5.4	2	329	1
30 - 34	358	5.9	3	354	1
35 - 39	377	6.2	2	374	1
40 - 44	373	6.1	3	368	2
45 - 49	437	7.2	5	430	2
50 - 54	389	6.4	5	384	0
55 - 59	365	6.0	1	363	1
60 - 64	255	4.2	0	253	2
65 - 69	152	2.5	1	150	1
70 - 74	78	1.3	0	77	1
75 - 79	57	0.9	0	57	0
80 and Over	67	1.1	0	66	1
Unknown Age	19	0.3	0	19	0
<b>Female</b>	<b>1,650</b>	<b>27.1</b>	<b>8</b>	<b>1,625</b>	<b>17</b>
Under 16	0	0.0	0	0	0
16 - 17	18	0.3	1	17	0
18 - 20	81	1.3	1	80	0
21 - 24	132	2.2	1	127	4
25 - 29	168	2.8	3	164	1
30 - 34	190	3.1	0	187	3
35 - 39	150	2.5	0	148	2
40 - 44	176	2.9	0	175	1
45 - 49	180	3.0	0	180	0
50 - 54	143	2.3	0	142	1
55 - 59	128	2.1	0	126	2
60 - 64	104	1.7	0	103	1
65 - 69	62	1.0	0	60	2
70 - 74	40	0.7	0	40	0
75 - 79	41	0.7	2	39	0
80 and Over	35	0.6	0	35	0
Unknown Age	2	<0.1	0	2	0
<b>Unknown Gender</b>	<b>755</b>	<b>12.4</b>	<b>3</b>	<b>750</b>	<b>2</b>

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>6,094</b>	<b>100.0</b>	<b>36</b>	<b>6,058</b>
Under 5	19	0.3	0	19
5 - 9	163	2.7	1	162
10 - 13	442	7.3	2	440
14 - 17	693	11.4	4	689
18 - 20	586	9.6	2	584
21 - 24	650	10.7	5	645
25 - 29	714	11.7	2	712
30 - 34	443	7.3	0	443
35 - 39	340	5.6	1	339
40 - 44	378	6.2	0	378
45 - 49	369	6.1	4	365
50 - 54	305	5.0	1	304
55 - 59	233	3.8	5	228
60 - 64	127	2.1	1	126
65 - 69	71	1.2	1	70
70 - 74	43	0.7	0	43
75 - 79	27	0.4	2	25
80 and Over	21	0.3	4	17
Unknown Age	470	7.7	1	469

	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>6,118</b>	<b>100.0</b>	<b>36</b>	<b>662</b>	<b>1,836</b>	<b>3,166</b>	<b>145</b>	<b>273</b>
No Helmet Used	2,523	41.2	18	282	833	1,275	30	85
Helmet Used	841	13.7	4	119	281	399	15	23
Unknown	2,754	45.0	14	261	722	1,492	100	165