

# New York State Department of Motor Vehicles

## Summary of Bicycle/Motor Vehicle Accidents

2006

<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>5,565†</b>	<b>5,402†</b>
Fatal Accidents	45	45
Non-Fatal Personal Injury Accidents	5,484	5,342
Reportable Property Damage Accidents	36†	15†
Vehicles	5,675	5,508
Drivers Involved	5,424	5,267
Vehicle Occupants	7,447	7,260
<b>Special Bicycle Accident Series</b>		
Bicycle/Pedestrian/Motor Vehicle Accidents	5	5
Bicycle/Motorcycle Accidents	29	29
<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>5,577</b>	<b>5,433</b>
Drivers Injured	93	91
Passengers Injured	54	53
Pedestrians Injured	3	3
Bicyclists Injured	5,426	5,285
Other	1	1
† It is important to note that the data for 2006 are not strictly comparable to the data for previous years. Changes in data collection and reporting that began during 2006 with respect to property damage crashes have increased the total number of crashes, since the changes resulted in more property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.		
(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>5,402</b>	<b>100.0</b>
Fatal (K) Accidents	45	0.8
Personal Injury Accidents		
Serious (A)	614	11.4
Moderate (B)	1,635	30.3
Minor (C)	2,861	53.0
Unknown Severity	232	4.3
Property Damage (O) Accidents	15	0.3

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>5,565</b>	<b>141</b>	<b>64</b>	<b>404</b>	<b>668</b>	<b>984</b>	<b>1,514</b>	<b>1,216</b>	<b>524</b>	<b>50</b>
<b>Sunday</b>										
<b>Total</b>	602	33	10	26	63	126	147	141	48	8
Fatal	4	0	1	0	0	0	1	1	1	0
Personal Injury	597	33	9	26	62	126	146	140	47	8
Property Damage	1	0	0	0	1	0	0	0	0	0
<b>Monday</b>										
<b>Total</b>	779	13	9	63	102	124	228	173	59	8
Fatal	11	0	1	1	4	0	2	1	2	0
Personal Injury	762	13	8	61	97	123	225	171	57	7
Property Damage	6	0	0	1	1	1	1	1	0	1
<b>Tuesday</b>										
<b>Total</b>	847	13	7	73	104	132	232	199	82	5
Fatal	5	1	0	0	0	0	2	2	0	0
Personal Injury	833	12	7	73	102	131	229	193	82	4
Property Damage	9	0	0	0	2	1	1	4	0	1
<b>Wednesday</b>										
<b>Total</b>	865	17	4	74	108	128	255	189	85	5
Fatal	8	0	0	3	1	1	0	2	1	0
Personal Injury	853	16	4	71	107	127	253	186	84	5
Property Damage	4	1	0	0	0	0	2	1	0	0
<b>Thursday</b>										
<b>Total</b>	878	11	17	75	105	155	245	180	77	13
Fatal	11	1	1	0	3	1	1	1	3	0
Personal Injury	860	10	16	75	101	154	241	177	74	12
Property Damage	7	0	0	0	1	0	3	2	0	1
<b>Friday</b>										
<b>Total</b>	881	22	6	64	97	168	227	194	95	8
Fatal	2	0	0	0	0	1	0	1	0	0
Personal Injury	872	22	6	64	95	166	226	192	94	7
Property Damage	7	0	0	0	2	1	1	1	1	1
<b>Saturday</b>										
<b>Total</b>	713	32	11	29	89	151	180	140	78	3
Fatal	4	0	0	0	0	0	1	1	2	0
Personal Injury	707	32	11	29	88	150	179	139	76	3
Property Damage	2	0	0	0	1	1	0	0	0	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>5,402</b>	<b>100.0</b>	<b>45</b>	<b>5,342</b>	<b>15</b>
State Police	104	1.9	3	101	0
County Police	859	15.9	13	840	6
New York City Police (NYPD)	2,822	52.2	17	2,803	2
Municipal Police (non-NYC)	1,617	29.9	12	1,598	7
Other	0	0.0	0	0	0
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>	<b>5,565</b>	<b>100.0</b>	<b>45</b>	<b>5,484</b>	<b>36</b>
State Routes	676	12.1	16	651	9
County Routes	262	4.7	3	254	5
Town Routes	536	9.6	4	525	7
Municipal Streets	4,015	72.1	21	3,979	15
Parkways	32	0.6	0	32	0
Thruway	1	<0.1	0	1	0
Other Interstates	16	0.3	0	16	0
Unknown	27	0.5	1	26	0

<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>5,565</b>	<b>100.0</b>	<b>45</b>	<b>5,484</b>	<b>36</b>
Single Vehicle Accidents	5,470	98.3	43	5,392	35
Two Vehicle Accidents	84	1.5	2	81	1
3 or More Vehicle Accidents	11	0.2	0	11	0

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<b>TABLE 7(P) Accident Contributing Factors</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 Accidents</b>	<b>5,402</b>	<b>100.0</b>	<b>45</b>	<b>5,342</b>	<b>15</b>
Accidents With No Factor Reported	1,538	28.5	6	1,530	2
Accidents With One or More Factors Reported	3,864	71.5	39	3,812	13
<b>Accidents With Human Factors</b>	<b>3,640</b>	<b>67.4</b>	<b>35</b>	<b>3,592</b>	<b>13</b>
Aggressive Driving/Road Rage	41	0.8	0	41	0
Alcohol Involvement	87	1.6	5	82	0
Backing Unsafely	37	0.7	1	36	0
Cell Phone (hand held)	5	0.1	0	5	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	1,045	19.3	5	1,037	3
Driver Inexperience	84	1.6	0	84	0
Drugs (Illegal)	5	0.1	1	4	0
Failure to Keep Right	68	1.3	0	68	0
Failure to Yield R.O.W.	977	18.1	7	970	0
Fatigued/Drowsy	1	<0.1	0	1	0
Fell Asleep	3	0.1	0	3	0
Following Too Closely	49	0.9	0	49	0
Illness	1	<0.1	0	1	0
Lost Consciousness	1	<0.1	0	1	0
Other Electronic Device	5	0.1	1	4	0
Outside Car Distraction	9	0.2	0	9	0
Passenger Distraction	28	0.5	0	28	0
Passing or Lane Usage Improper	221	4.1	4	216	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,508	27.9	18	1,483	7
Physical Disability	6	0.1	0	6	0
Prescription Medication	4	0.1	1	3	0
Reaction to Other Uninvolved Vehicle	39	0.7	0	39	0
Traffic Control Disregarded	356	6.6	4	351	1
Turning Improperly	125	2.3	1	122	2
Unsafe Lane Changing	53	1.0	0	53	0
Unsafe Speed	88	1.6	2	85	1
Other Human	10	0.2	0	10	0
<b>Accidents With Vehicular Factors</b>	<b>171</b>	<b>3.2</b>	<b>2</b>	<b>169</b>	<b>0</b>
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	62	1.1	0	62	0
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	9	0.2	0	9	0
Oversized Vehicle	7	0.1	1	6	0
Steering Failure	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	85	1.6	1	84	0
<b>Accidents With Environmental Factors</b>	<b>351</b>	<b>6.5</b>	<b>5</b>	<b>346</b>	<b>0</b>
Animal's Action	1	<0.1	0	1	0
Glare	58	1.1	1	57	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	14	0.3	0	14	0
Pavement Defective	1	<0.1	0	1	0
Pavement Slippery	69	1.3	2	67	0
Shoulders Defective/Improper	0	0.0	0	0	0
Traffic Control Device Improper/Non-Working	6	0.1	0	6	0
View Obstructed/Limited	212	3.9	2	210	0
Other Environmental	1	<0.1	1	0	0

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>5,424</b>	<b>100.0</b>	<b>45</b>	<b>5,344</b>	<b>35</b>
<b>Male</b>	<b>3,169</b>	<b>58.4</b>	<b>33</b>	<b>3,120</b>	<b>16</b>
Under 16	1	<0.1	0	1	0
16 - 17	35	0.6	0	35	0
18 - 20	151	2.8	3	148	0
21 - 24	202	3.7	3	196	3
25 - 29	312	5.8	2	307	3
30 - 34	334	6.2	4	329	1
35 - 39	359	6.6	6	351	2
40 - 44	345	6.4	1	343	1
45 - 49	354	6.5	3	350	1
50 - 54	319	5.9	3	312	4
55 - 59	288	5.3	6	281	1
60 - 64	161	3.0	0	161	0
65 - 69	112	2.1	0	112	0
70 - 74	71	1.3	0	71	0
75 - 79	54	1.0	1	53	0
80 and Over	59	1.1	1	58	0
Unknown Age	12	0.2	0	12	0
<b>Female</b>	<b>1,539</b>	<b>28.4</b>	<b>11</b>	<b>1,509</b>	<b>19</b>
Under 16	1	<0.1	0	1	0
16 - 17	22	0.4	0	22	0
18 - 20	91	1.7	0	91	0
21 - 24	129	2.4	1	124	4
25 - 29	173	3.2	0	170	3
30 - 34	152	2.8	0	149	3
35 - 39	160	2.9	1	159	0
40 - 44	173	3.2	3	170	0
45 - 49	178	3.3	1	177	0
50 - 54	136	2.5	1	130	5
55 - 59	103	1.9	0	103	0
60 - 64	74	1.4	1	73	0
65 - 69	54	1.0	1	51	2
70 - 74	35	0.6	1	33	1
75 - 79	29	0.5	1	28	0
80 and Over	26	0.5	0	25	1
Unknown Age	3	0.1	0	3	0
<b>Unknown Gender</b>	<b>716</b>	<b>13.2</b>	<b>1</b>	<b>715</b>	<b>0</b>

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>5,471</b>	<b>100.0</b>	<b>45</b>	<b>5,426</b>
Under 5	18	0.3	0	18
5 - 9	208	3.8	1	207
10 - 13	617	11.3	4	613
14 - 17	780	14.3	1	779
18 - 20	440	8.0	6	434
21 - 24	473	8.6	3	470
25 - 29	521	9.5	5	516
30 - 34	346	6.3	3	343
35 - 39	341	6.2	0	341
40 - 44	376	6.9	3	373
45 - 49	333	6.1	4	329
50 - 54	256	4.7	4	252
55 - 59	153	2.8	4	149
60 - 64	94	1.7	4	90
65 - 69	59	1.1	1	58
70 - 74	31	0.6	1	30
75 - 79	21	0.4	0	21
80 and Over	6	0.1	0	6
Unknown Age	398	7.3	1	397

	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>5,514</b>	<b>100.0</b>	<b>45</b>	<b>615</b>	<b>1,642</b>	<b>2,895</b>	<b>133</b>	<b>184</b>
No Helmet Used	1,914	34.7	20	225	589	1,003	38	39
Helmet Used	413	7.5	6	52	157	181	7	10
Unknown	3,187	57.8	19	338	896	1,711	88	135