

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

2005

<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>5,807</b>	<b>5,627</b>
Fatal Accidents	48	48
Non-Fatal Personal Injury Accidents	5,735	5,573
Reportable Property Damage Accidents	24	6
<b>Vehicles</b>	<b>5,941</b>	<b>5,757</b>
Drivers Involved	5,677	5,507
Vehicle Occupants	7,715	7,507
<b>Special Bicycle Accident Series</b>		
Bicycle/Pedestrian/Motor Vehicle Accidents	11	11
Bicycle/Motorcycle Accidents	17	17
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>48</b>	<b>48</b>
Drivers Killed	1	1
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	47	47
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>5,834</b>	<b>5,669</b>
Drivers Injured	96	94
Passengers Injured	45	45
Pedestrians Injured	12	12
Bicyclists Injured	5,680	5,517
Other	1	1
<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 Accident</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>5,627</b>	<b>100.0</b>
Fatal (K) Accidents	48	0.9
Personal Injury Accidents		
Serious (A)	638	11.3
Moderate (B)	1,799	32.0
Minor (C)	2,874	51.1
Unknown Severity	262	4.7
Property Damage (O) Accidents	6	0.1

**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>5,807</b>	<b>127</b>	<b>51</b>	<b>414</b>	<b>656</b>	<b>1,036</b>	<b>1,506</b>	<b>1,327</b>	<b>641</b>	<b>49</b>
<b>Sunday</b>										
<b>Total</b>	671	31	4	17	68	132	168	160	82	9
Fatal	9	2	0	1	0	0	3	2	1	0
Personal Injury	659	29	4	16	68	132	164	158	81	7
Property Damage	3	0	0	0	0	0	1	0	0	2
<b>Monday</b>										
<b>Total</b>	806	12	6	63	90	165	211	181	70	8
Fatal	5	0	0	0	0	1	1	2	0	1
Personal Injury	795	12	6	63	90	164	206	178	69	7
Property Damage	6	0	0	0	0	0	4	1	1	0
<b>Tuesday</b>										
<b>Total</b>	894	14	10	85	89	157	214	220	98	7
Fatal	8	0	1	1	0	1	2	2	1	0
Personal Injury	879	13	9	83	89	153	211	217	97	7
Property Damage	7	1	0	1	0	3	1	1	0	0
<b>Wednesday</b>										
<b>Total</b>	899	8	8	86	92	145	271	199	89	1
Fatal	5	0	0	0	2	1	1	1	0	0
Personal Injury	891	8	8	86	90	143	270	196	89	1
Property Damage	3	0	0	0	0	1	0	2	0	0
<b>Thursday</b>										
<b>Total</b>	907	13	7	74	102	141	241	225	91	13
Fatal	5	0	0	1	0	1	0	1	2	0
Personal Injury	899	13	7	73	102	139	240	224	89	12
Property Damage	3	0	0	0	0	1	1	0	0	1
<b>Friday</b>										
<b>Total</b>	872	23	6	65	115	147	235	178	95	8
Fatal	9	0	1	0	3	0	1	0	4	0
Personal Injury	861	23	5	65	112	147	232	178	91	8
Property Damage	2	0	0	0	0	0	2	0	0	0
<b>Saturday</b>										
<b>Total</b>	758	26	10	24	100	149	166	164	116	3
Fatal	7	0	1	0	1	0	0	3	2	0
Personal Injury	751	26	9	24	99	149	166	161	114	3
Property Damage	0	0	0	0	0	0	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>5,627</b>	<b>100.0</b>	<b>48</b>	<b>5,573</b>	<b>6</b>
State Police	124	2.2	2	119	3
County Police	928	16.5	14	914	0
New York City Police (NYPD)	2,901	51.6	21	2,879	1
Municipal Police (non-NYC)	1,674	29.7	11	1,661	2
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>5,807</b>	<b>100.0</b>	<b>48</b>	<b>5,735</b>	<b>24</b>
State Routes	710	12.2	13	694	3
County Routes	196	3.4	3	191	2
Town Routes	657	11.3	6	647	4
Municipal Streets	4,185	72.1	25	4,147	13
Parkways	25	0.4	0	25	0
Thruway	1	<0.1	0	1	0
Other Interstates	11	0.2	1	9	1
Unknown	22	0.4	0	21	1

<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>5,807</b>	<b>100.0</b>	<b>48</b>	<b>5,735</b>	<b>24</b>
Single Vehicle Accidents	5,688	98.0	45	5,621	22
Two Vehicle Accidents	106	1.8	3	101	2
3 or More Vehicle Accidents	13	0.2	0	13	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>5,627</b>	<b>100.0</b>	<b>48</b>	<b>5,573</b>	<b>6</b>
Accidents With No Factor Reported	1,593	28.3	8	1,584	1
Accidents With One or More Factors Reported	4,034	71.7	40	3,989	5
<b>Accidents With Human Factors</b>	<b>3,817</b>	<b>67.8</b>	<b>36</b>	<b>3,776</b>	<b>5</b>
Aggressive Driving/Road Rage	44	0.8	0	44	0
Alcohol Involvement	99	1.8	2	97	0
Backing Unsafely	50	0.9	0	50	0
Cell Phone (hand held)	6	0.1	1	5	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	1,023	18.2	4	1,019	0
Driver Inexperience	72	1.3	0	72	0
Drugs (Illegal)	5	0.1	2	3	0
Failure to Keep Right	77	1.4	2	75	0
Failure to Yield R.O.W.	999	17.8	6	992	1
Fatigued/Drowsy	2	<0.1	1	1	0
Fell Asleep	1	<0.1	0	1	0
Following Too Closely	57	1.0	0	57	0
Illness	1	<0.1	0	1	0
Lost Consciousness	3	0.1	0	3	0
Other Electronic Device	2	<0.1	0	2	0
Outside Car Distraction	16	0.3	0	16	0
Passenger Distraction	34	0.6	0	34	0
Passing or Lane Usage Improper	216	3.8	4	211	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,632	29.0	18	1,613	1
Physical Disability	6	0.1	0	6	0
Prescription Medication	4	0.1	0	4	0
Reaction to Other Uninvolved Vehicle	36	0.6	0	36	0
Traffic Control Disregarded	365	6.5	4	359	2
Turning Improperly	146	2.6	0	146	0
Unsafe Lane Changing	48	0.9	1	46	1
Unsafe Speed	75	1.3	3	71	1
Other Human	22	0.4	0	22	0
<b>Accidents With Vehicular Factors</b>	<b>204</b>	<b>3.6</b>	<b>0</b>	<b>204</b>	<b>0</b>
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	47	0.8	0	47	0
Driverless/Runaway Vehicle	5	0.1	0	5	0
Headlights Defective	4	0.1	0	4	0
Other Lighting Defects	13	0.2	0	13	0
Oversized Vehicle	10	0.2	0	10	0
Steering Failure	3	0.1	0	3	0
Tire Failure/Inadequate	3	0.1	0	3	0
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	120	2.1	0	120	0
<b>Accidents With Environmental Factors</b>	<b>330</b>	<b>5.9</b>	<b>10</b>	<b>320</b>	<b>0</b>
Animal's Action	2	<0.1	0	2	0
Glare	63	1.1	3	60	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	18	0.3	0	18	0
Pavement Defective	3	0.1	0	3	0
Pavement Slippery	53	0.9	2	51	0
Shoulders Defective/Improper	1	<0.1	0	1	0
Traffic Control Device Improper/Non-Working	8	0.1	0	8	0
View Obstructed/Limited	197	3.5	5	192	0
Other Environmental	0	0.0	0	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>5,677</b>	<b>100.0</b>	<b>50</b>	<b>5,604</b>	<b>23</b>
<b>Male</b>	<b>3,349</b>	<b>59.0</b>	<b>40</b>	<b>3,296</b>	<b>13</b>
Under 16	0	0.0	0	0	0
16 - 17	36	0.6	0	35	1
18 - 20	174	3.1	3	171	0
21 - 24	285	5.0	9	275	1
25 - 29	332	5.8	7	324	1
30 - 34	355	6.3	6	349	0
35 - 39	348	6.1	6	341	1
40 - 44	349	6.1	3	346	0
45 - 49	406	7.2	4	400	2
50 - 54	339	6.0	1	336	2
55 - 59	270	4.8	0	269	1
60 - 64	157	2.8	0	155	2
65 - 69	99	1.7	0	99	0
70 - 74	71	1.3	1	70	0
75 - 79	64	1.1	0	63	1
80 and Over	51	0.9	0	50	1
Unknown Age	13	0.2	0	13	0
<b>Female</b>	<b>1,612</b>	<b>28.4</b>	<b>6</b>	<b>1,596</b>	<b>10</b>
Under 16	1	<0.1	0	1	0
16 - 17	27	0.5	0	27	0
18 - 20	89	1.6	0	89	0
21 - 24	153	2.7	0	152	1
25 - 29	193	3.4	1	191	1
30 - 34	160	2.8	0	159	1
35 - 39	177	3.1	1	176	0
40 - 44	165	2.9	1	163	1
45 - 49	182	3.2	2	178	2
50 - 54	113	2.0	0	112	1
55 - 59	113	2.0	0	112	1
60 - 64	80	1.4	0	80	0
65 - 69	56	1.0	1	54	1
70 - 74	39	0.7	0	39	0
75 - 79	29	0.5	0	28	1
80 and Over	32	0.6	0	32	0
Unknown Age	3	0.1	0	3	0
<b>Unknown Gender</b>	<b>716</b>	<b>12.6</b>	<b>4</b>	<b>712</b>	<b>0</b>

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>5,727</b>	<b>100.0</b>	<b>47</b>	<b>5,680</b>
Under 5	21	0.4	1	20
5 - 9	281	4.9	1	280
10 - 13	693	12.1	4	689
14 - 17	844	14.7	9	835
18 - 20	458	8.0	1	457
21 - 24	489	8.5	4	485
25 - 29	495	8.6	4	491
30 - 34	336	5.9	2	334
35 - 39	351	6.1	2	349
40 - 44	382	6.7	2	380
45 - 49	315	5.5	3	312
50 - 54	221	3.9	0	221
55 - 59	149	2.6	2	147
60 - 64	94	1.6	2	92
65 - 69	52	0.9	2	50
70 - 74	39	0.7	3	36
75 - 79	31	0.5	3	28
80 and Over	16	0.3	0	16
Unknown Age	460	8.0	2	458

	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>5,745</b>	<b>100.0</b>	<b>47</b>	<b>639</b>	<b>1,810</b>	<b>2,916</b>	<b>152</b>	<b>181</b>
No Helmet Used	2,301	40.1	30	272	747	1,136	52	64
Helmet Used	504	8.8	4	49	196	230	15	10
Unknown	2,940	51.2	13	318	867	1,550	85	107