

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

**2002**

<b>TABLE 1 Bicycle/Motor Vehicle Accidents</b>		
	<b>All Accidents</b>	<b>Police Reported</b>
<b>Category Totals</b>		
<b>Total Accidents</b>	<b>6,077</b>	<b>5,955</b>
Fatal Accidents	34	34
Non-Fatal Personal Injury Accidents	6,024	5,918
Reportable Property Damage Accidents	19	3
<b>Vehicles</b>	<b>6,212</b>	<b>6,089</b>
Drivers Involved	5,060	4,969
Vehicle Occupants	7,238	7,131
<b>Special Bicycle Accident Series</b>		
Bicycle/Pedestrian/Motor Vehicle Accidents	8	8
Bicycle/Motorcycle Accidents	19	19
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>34</b>	<b>34</b>
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	34	34
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>6,185</b>	<b>6,078</b>
Drivers Injured	104	104
Passengers Injured	79	79
Pedestrians Injured	7	7
Bicyclists Injured	5,992	5,885
Other	3	3
(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>5,955</b>	<b>100.0</b>
Fatal (K) Accidents	34	0.6
Personal Injury Accidents		
Serious (A)	647	10.9
Moderate (B)	1,897	31.9
Minor (C)	3,122	52.4
Unknown Severity	252	4.2
Property Damage (O) Accidents	3	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.

**New York State Department of Motor Vehicles  
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**2002**

<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>6,077</b>	<b>141</b>	<b>63</b>	<b>390</b>	<b>555</b>	<b>1,042</b>	<b>1,651</b>	<b>1,399</b>	<b>631</b>	<b>205</b>
<b>Sunday</b>										
<i>Total</i>	676	39	12	20	63	120	160	157	81	24
Fatal	9	3	1	0	1	1	1	2	0	0
Personal Injury	664	36	11	19	61	119	158	155	81	24
Property Damage	3	0	0	1	1	0	1	0	0	0
<b>Monday</b>										
<i>Total</i>	914	19	7	80	87	139	242	204	106	30
Fatal	5	0	0	0	0	1	2	1	1	0
Personal Injury	908	19	7	80	87	138	239	203	105	30
Property Damage	1	0	0	0	0	0	1	0	0	0
<b>Tuesday</b>										
<i>Total</i>	940	15	7	64	78	161	253	233	92	37
Fatal	3	0	0	2	0	1	0	0	0	0
Personal Injury	934	14	7	62	78	159	252	233	92	37
Property Damage	3	1	0	0	0	1	1	0	0	0
<b>Wednesday</b>										
<i>Total</i>	928	11	7	63	99	165	261	213	80	29
Fatal	2	0	0	0	0	0	1	1	0	0
Personal Injury	922	11	7	62	99	164	258	212	80	29
Property Damage	4	0	0	1	0	1	2	0	0	0
<b>Thursday</b>										
<i>Total</i>	912	13	11	71	76	140	235	237	96	33
Fatal	5	0	0	0	0	1	0	3	1	0
Personal Injury	905	13	10	71	76	139	235	234	95	32
Property Damage	2	0	1	0	0	0	0	0	0	1
<b>Friday</b>										
<i>Total</i>	932	19	9	70	77	163	292	192	80	30
Fatal	4	0	0	0	1	1	1	1	0	0
Personal Injury	923	19	9	70	76	162	288	191	80	28
Property Damage	5	0	0	0	0	0	3	0	0	2
<b>Saturday</b>										
<i>Total</i>	775	25	10	22	75	154	208	163	96	22
Fatal	6	0	0	0	2	1	2	1	0	0
Personal Injury	768	25	10	22	73	153	206	161	96	22
Property Damage	1	0	0	0	0	0	0	1	0	0

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

**2002**

<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>5,955</b>	<b>100.0</b>	<b>34</b>	<b>5,918</b>	<b>3</b>
State Police	119	2.0	2	117	0
County Police	926	15.5	10	915	1
New York City Police (NYPD)	3,221	54.1	18	3,203	0
Municipal Police (non-NYC)	1,689	28.4	4	1,683	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>6,077</b>	<b>100.0</b>	<b>34</b>	<b>6,024</b>	<b>19</b>
State Routes	569	9.4	5	562	2
County Routes	172	2.8	4	168	0
Town Routes	739	12.2	4	731	4
Municipal Streets	4,533	74.6	21	4,499	13
Parkways	23	0.4	0	23	0
Thruway	2	<0.1	0	2	0
Other Interstates	16	0.3	0	16	0
Unknown	23	0.4	0	23	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>6,077</b>	<b>100.0</b>	<b>34</b>	<b>6,024</b>	<b>19</b>
Single Vehicle Accidents	5,958	98.0	31	5,908	19
Two Vehicle Accidents	105	1.7	3	102	0
3 or More Vehicle Accidents	14	0.2	0	14	0

**New York State Department of Motor Vehicles  
Summary of Bicycle/Motor Vehicle Accidents  
2002**

<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>5,955</b>	<b>100.0</b>	<b>34</b>	<b>5,918</b>	<b>3</b>
Accidents With No Factor Reported	1,702	28.6	6	1,696	0
Accidents With One or More Factors Reported	4,253	71.4	28	4,222	3
<b>Accidents With Human Factors</b>	<b>4,042</b>	<b>67.9</b>	<b>26</b>	<b>4,013</b>	<b>3</b>
Aggressive Driving/Road Rage*	27	0.5	0	27	0
Alcohol Involvement	113	1.9	3	110	0
Backing Unsafely	44	0.7	0	44	0
Cell Phone (hand held)*	1	<0.1	0	1	0
Cell Phone (hands free)*	0	0.0	0	0	0
Driver Inattention/Distraction	1,157	19.4	2	1,154	1
Driver Inexperience	80	1.3	0	80	0
Drugs (Illegal)	4	0.1	0	4	0
Failure to Keep Right	51	0.9	0	50	1
Failure to Yield R.O.W.	965	16.2	3	962	0
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	1	<0.1	0	1	0
Following Too Closely	56	0.9	0	56	0
Illness	4	0.1	0	4	0
Lost Consciousness	2	<0.1	0	2	0
Other Electronic Device*	6	0.1	0	6	0
Outside Car Distraction*	7	0.1	0	7	0
Passenger Distraction*	30	0.5	0	30	0
Passing or Lane Usage Improper	223	3.7	3	220	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,751	29.4	11	1,738	2
Physical Disability	2	<0.1	0	2	0
Prescription Medication	3	0.1	1	2	0
Reaction to Other Uninvolved Vehicle*	22	0.4	0	22	0
Traffic Control Disregarded	382	6.4	5	377	0
Turning Improperly	116	1.9	0	116	0
Unsafe Lane Changing	74	1.2	3	71	0
Unsafe Speed	103	1.7	3	100	0
Other Human	159	2.7	2	157	0
<b>Accidents With Vehicular Factors</b>	<b>219</b>	<b>3.7</b>	<b>1</b>	<b>218</b>	<b>0</b>
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	52	0.9	0	52	0
Driverless/Runaway Vehicle	0	0.0	0	0	0
Headlights Defective	7	0.1	0	7	0
Other Lighting Defects	8	0.1	0	8	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	1	<0.1	0	1	0
Tire Failure/Inadequate	3	0.1	0	3	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	144	2.4	1	143	0
<b>Accidents With Environmental Factors</b>	<b>343</b>	<b>5.8</b>	<b>2</b>	<b>341</b>	<b>0</b>
Animal's Action	2	<0.1	0	2	0
Glare	59	1.0	0	59	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	14	0.2	0	14	0
Pavement Defective	5	0.1	0	5	0
Pavement Slippery	60	1.0	1	59	0
Shoulders Defective/Improper	3	0.1	0	3	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	193	3.2	2	191	0
Other Environmental	13	0.2	0	13	0

\* New Category as of July 2001.  
Note: Many accidents have multiple factors reported.

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**2002**

<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>5,060</b>	<b>100.0</b>	<b>33</b>	<b>5,010</b>	<b>17</b>
<b>Male</b>	<b>3,444</b>	<b>68.1</b>	<b>27</b>	<b>3,405</b>	<b>12</b>
Under 16	5	0.1	0	5	0
16 - 17	48	0.9	0	48	0
18 - 20	165	3.3	2	163	0
21 - 24	261	5.2	3	256	2
25 - 29	387	7.6	4	382	1
30 - 34	416	8.2	3	413	0
35 - 39	443	8.8	1	442	0
40 - 44	414	8.2	3	408	3
45 - 49	355	7.0	3	349	3
50 - 54	284	5.6	1	283	0
55 - 59	209	4.1	4	203	2
60 - 64	170	3.4	1	168	1
65 - 69	112	2.2	1	111	0
70 - 74	71	1.4	0	71	0
75 - 79	36	0.7	0	36	0
80 and Over	51	1.0	1	50	0
Unknown Age	17	0.3	0	17	0
<b>Female</b>	<b>1,612</b>	<b>31.9</b>	<b>6</b>	<b>1,601</b>	<b>5</b>
Under 16	0	0.0	0	0	0
16 - 17	39	0.8	1	38	0
18 - 20	116	2.3	1	114	1
21 - 24	136	2.7	0	136	0
25 - 29	155	3.1	0	155	0
30 - 34	173	3.4	0	173	0
35 - 39	212	4.2	1	211	0
40 - 44	168	3.3	1	167	0
45 - 49	148	2.9	1	147	0
50 - 54	143	2.8	0	143	0
55 - 59	96	1.9	0	94	2
60 - 64	64	1.3	0	64	0
65 - 69	48	0.9	0	48	0
70 - 74	45	0.9	0	45	0
75 - 79	38	0.8	1	35	2
80 and Over	30	0.6	0	30	0
Unknown Age	1	<0.1	0	1	0
<b>Unknown Gender</b>	<b>4</b>	<b>0.1</b>	<b>0</b>	<b>4</b>	<b>0</b>

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**2002**

Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>6,026</b>	<b>100.0</b>	<b>34</b>	<b>5,992</b>
Under 5	31	0.5	1	30
5 - 9	390	6.5	1	389
10 - 13	786	13.0	0	786
14 - 17	929	15.4	5	924
18 - 20	527	8.7	3	524
21 - 24	501	8.3	1	500
25 - 29	409	6.8	2	407
30 - 34	444	7.4	2	442
35 - 39	431	7.2	2	429
40 - 44	399	6.6	5	394
45 - 49	341	5.7	2	339
50 - 54	218	3.6	1	217
55 - 59	129	2.1	1	128
60 - 64	74	1.2	3	71
65 - 69	41	0.7	1	40
70 - 74	31	0.5	2	29
75 - 79	13	0.2	0	13
80 and Over	12	0.2	0	12
Unknown Age	320	5.3	2	318

	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>6,065</b>	<b>100.0</b>	<b>34</b>	<b>647</b>	<b>1,900</b>	<b>3,171</b>	<b>167</b>	<b>146</b>
No Helmet Used	2,038	33.6	21	228	669	1,043	42	35
Helmet Used	347	5.7	2	40	142	153	5	5
Unknown	3,680	60.7	11	379	1,089	1,975	120	106