

## New York State Department of Motor Vehicles Summary of Motorcycle Accidents 2003

<b>TABLE 1 Motorcycle Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>4,284</b>	<b>3,945†</b>
Fatal Accidents	151	151
Non-Fatal Personal Injury Accidents	3,966	3,788
Reportable Property Damage Accidents	167	6†
<b>Vehicles</b>	<b>7,046</b>	<b>6,450</b>
Drivers Involved	6,542	6,050
Vehicle Occupants	8,224	7,665
<b>Special Motorcycle Accident Series</b>		
Motorcycle/Pedestrian Accidents	76	76
Motorcycle/Bicycle Accidents	21	20
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>155</b>	<b>155</b>
Drivers Killed	151	151
Passengers Killed	4	4
Pedestrians Killed	0	0
Bicyclists Killed	0	0
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>4,687</b>	<b>4,497</b>
Drivers Injured	4,014	3,840
Passengers Injured	570	555
Pedestrians Injured	73	73
Bicyclists Injured	22	21
Other	8	8
<p>† It is important to note that the data for 2003 are not strictly comparable to the data for 2001 and 2002. Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.</p> <p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position</p>		

<b>TABLE 2(P) Severity of Accident</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>3,945</b>	<b>100.0</b>
Fatal (K) Accidents	151	3.8
Personal Injury Accidents		
Serious (A)	930	23.6
Moderate (B)	1,278	32.4
Minor (C)	1,514	38.4
Unknown Severity	66	1.7
Property Damage (O) Accidents	6	0.2

**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>4,284</b>	<b>250</b>	<b>120</b>	<b>214</b>	<b>400</b>	<b>768</b>	<b>1,026</b>	<b>912</b>	<b>484</b>	<b>110</b>
<b>Sunday</b>										
<b>Total</b>	870	53	30	25	88	187	205	189	66	27
Fatal	27	1	1	3	2	3	9	4	3	1
Personal Injury	811	52	28	20	80	177	191	182	61	20
Property Damage	32	0	1	2	6	7	5	3	2	6
<b>Monday</b>										
<b>Total</b>	523	27	15	29	47	87	124	127	53	14
Fatal	21	1	1	2	0	3	5	6	3	0
Personal Injury	483	21	13	26	45	82	114	120	49	13
Property Damage	19	5	1	1	2	2	5	1	1	1
<b>Tuesday</b>										
<b>Total</b>	568	32	12	41	56	77	133	128	80	9
Fatal	18	0	1	1	0	5	4	4	3	0
Personal Injury	531	32	9	40	56	69	124	119	75	7
Property Damage	19	0	2	0	0	3	5	5	2	2
<b>Wednesday</b>										
<b>Total</b>	462	31	12	34	36	60	111	103	60	15
Fatal	19	2	0	2	2	3	4	3	3	0
Personal Injury	418	29	10	30	32	55	101	93	56	12
Property Damage	25	0	2	2	2	2	6	7	1	3
<b>Thursday</b>										
<b>Total</b>	522	27	14	25	44	95	127	114	59	17
Fatal	15	1	0	0	1	2	2	4	5	0
Personal Injury	478	26	12	22	41	89	117	106	52	13
Property Damage	29	0	2	3	2	4	8	4	2	4
<b>Friday</b>										
<b>Total</b>	609	31	16	33	56	104	144	121	86	18
Fatal	21	3	1	0	1	4	3	6	3	0
Personal Injury	570	28	13	31	54	95	139	113	82	15
Property Damage	18	0	2	2	1	5	2	2	1	3
<b>Saturday</b>										
<b>Total</b>	730	49	21	27	73	158	182	130	80	10
Fatal	30	4	1	2	1	8	8	2	4	0
Personal Injury	675	43	19	24	69	144	170	125	73	8
Property Damage	25	2	1	1	3	6	4	3	3	2

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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>3,945</b>	<b>100.0</b>	<b>151</b>	<b>3,788</b>	<b>6</b>
State Police	677	17.2	33	643	1
County Police	986	25.0	52	931	3
New York City Police (NYPD)	1,187	30.1	35	1,151	1
Municipal Police (non-NYC)	1,095	27.8	31	1,063	1
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>4,284</b>	<b>100.0</b>	<b>151</b>	<b>3,966</b>	<b>167</b>
State Routes	1,147	26.8	59	1,059	29
County Routes	344	8.0	18	321	5
Town Routes	722	16.9	23	669	30
Municipal Streets	1,641	38.3	37	1,520	84
Parkways	199	4.6	7	189	3
Thruway	31	0.7	0	28	3
Other Interstates	148	3.5	7	135	6
Unknown	52	1.2	0	45	7

<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>4,284</b>	<b>100.0</b>	<b>151</b>	<b>3,966</b>	<b>167</b>
Single Vehicle Accidents	1,742	40.7	55	1,649	38
Two Vehicle Accidents	2,365	55.2	81	2,159	125
3 or More Vehicle Accidents	177	4.1	15	158	4

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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>3,945</b>	<b>100.0</b>	<b>151</b>	<b>3,788</b>	<b>6</b>
Accidents With No Factor Reported	564	14.3	14	550	0
Accidents With One or More Factors Reported	3,381	85.7	137	3,238	6
<b>Accidents With Human Factors</b>	<b>2,793</b>	<b>70.8</b>	<b>131</b>	<b>2,657</b>	<b>5</b>
Aggressive Driving/Road Rage	69	1.7	1	68	0
Alcohol Involvement	140	3.5	7	133	0
Backing Unsafely	14	0.4	0	14	0
Cell Phone (hand held)	2	0.1	0	2	0
Cell Phone (hands free)	2	0.1	0	2	0
Driver Inattention/Distraction	529	13.4	11	518	0
Driver Inexperience	374	9.5	18	356	0
Drugs (Illegal)	5	0.1	0	5	0
Failure to Keep Right	77	2.0	11	66	0
Failure to Yield R.O.W.	612	15.5	36	574	2
Fatigued/Drowsy	3	0.1	0	3	0
Fell Asleep	4	0.1	0	4	0
Following Too Closely	266	6.7	5	261	0
Illness	4	0.1	1	3	0
Lost Consciousness	7	0.2	0	7	0
Other Electronic Device	3	0.1	0	3	0
Outside Car Distraction	9	0.2	0	9	0
Passenger Distraction	13	0.3	0	13	0
Passing or Lane Usage Improper	227	5.8	12	214	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	23	0.6	1	22	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	4	0.1	1	3	0
Reaction to Other Uninvolved Vehicle	181	4.6	2	179	0
Traffic Control Disregarded	110	2.8	10	100	0
Turning Improperly	202	5.1	8	194	0
Unsafe Lane Changing	148	3.8	9	139	0
Unsafe Speed	672	17.0	64	606	2
Other Human	43	1.1	3	40	0
<b>Accidents With Vehicular Factors</b>	<b>240</b>	<b>6.1</b>	<b>3</b>	<b>236</b>	<b>1</b>
Accelerator Defective	18	0.5	0	18	0
Brakes Defective	14	0.4	0	14	0
Driverless/Runaway Vehicle	3	0.1	0	3	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	8	0.2	0	8	0
Oversized Vehicle	1	<0.1	0	1	0
Steering Failure	10	0.3	0	10	0
Tire Failure/Inadequate	19	0.5	0	19	0
Tow Hitch Defective	2	0.1	0	2	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	168	4.3	3	164	1
<b>Accidents With Environmental Factors</b>	<b>627</b>	<b>15.9</b>	<b>15</b>	<b>611</b>	<b>1</b>
Animal's Action	218	5.5	5	213	0
Glare	32	0.8	0	32	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	123	3.1	1	122	0
Pavement Defective	62	1.6	0	62	0
Pavement Slippery	126	3.2	1	124	1
Shoulders Defective/Improper	9	0.2	0	9	0
Traffic Control Device Improper/Non-Working	5	0.1	0	5	0
View Obstructed/Limited	62	1.6	8	54	0
Other Environmental	12	0.3	0	12	0

Note: Many accidents have multiple factors reported.

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<b>TABLE 8 Motorcycle Operator Age and Gender</b>					
	<b>Total Motorcycle Operators</b>		<b>Motorcycle Operators by Severity of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Motorcycle Operators</b>	<b>4,287</b>	<b>100.0</b>	<b>160</b>	<b>4,000</b>	<b>127</b>
<b>Male</b>	<b>4,055</b>	<b>94.6</b>	<b>153</b>	<b>3,781</b>	<b>121</b>
Under 16	14	0.3	0	14	0
16 - 17	31	0.7	1	30	0
18 - 20	315	7.3	10	297	8
21 - 24	576	13.4	27	539	10
25 - 29	636	14.8	25	593	18
30 - 34	582	13.6	16	551	15
35 - 39	495	11.5	14	466	15
40 - 44	423	9.9	15	392	16
45 - 49	372	8.7	17	343	12
50 - 54	299	7.0	11	270	18
55 - 59	162	3.8	9	148	5
60 - 64	84	2.0	5	78	1
65 - 69	37	0.9	2	34	1
70 - 74	11	0.3	0	10	1
75 - 79	6	0.1	1	5	0
80 and Over	5	0.1	0	5	0
Unknown Age	7	0.2	0	6	1
<b>Female</b>	<b>232</b>	<b>5.4</b>	<b>7</b>	<b>219</b>	<b>6</b>
Under 16	1	<0.1	0	1	0
16 - 17	2	<0.1	0	2	0
18 - 20	10	0.2	0	10	0
21 - 24	26	0.6	0	26	0
25 - 29	32	0.7	0	31	1
30 - 34	28	0.7	3	24	1
35 - 39	43	1.0	2	40	1
40 - 44	29	0.7	0	28	1
45 - 49	31	0.7	1	29	1
50 - 54	14	0.3	1	12	1
55 - 59	10	0.2	0	10	0
60 - 64	2	<0.1	0	2	0
65 - 69	4	0.1	0	4	0
70 - 74	0	0.0	0	0	0
75 - 79	0	0.0	0	0	0
80 and Over	0	0.0	0	0	0
Unknown Age	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
<b>Total</b>	<b>4,354</b>	<b>100.0</b>	<b>153</b>	<b>4,201</b>
Under 5	3	0.1	0	3
5 - 9	3	0.1	0	3
10 - 13	18	0.4	0	18
14 - 17	65	1.5	1	64
18 - 20	348	8.0	11	337
21 - 24	624	14.3	24	600
25 - 29	650	14.9	26	624
30 - 34	596	13.7	19	577
35 - 39	521	12.0	16	505
40 - 44	462	10.6	14	448
45 - 49	415	9.5	17	398
50 - 54	302	6.9	9	293
55 - 59	168	3.9	8	160
60 - 64	88	2.0	5	83
65 - 69	40	0.9	2	38
70 - 74	11	0.3	0	11
75 - 79	6	0.1	1	5
80 and Over	4	0.1	0	4
Unknown Age	30	0.7	0	30

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Motorcyclists</b>	<b>4,469</b>	<b>100.0</b>	<b>153</b>	<b>957</b>	<b>1,356</b>	<b>1,661</b>	<b>55</b>	<b>287</b>
No Helmet Used	743	16.6	20	149	266	263	8	37
Helmet Used	3,169	70.9	120	724	938	1,181	33	173
Unknown	557	12.5	13	84	152	217	14	77