

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

**2004**

<b>TABLE 1 Motorcycle Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>4,509</b>	<b>4,106†</b>
Fatal Accidents	144	144
Non-Fatal Personal Injury Accidents	4,146	3,958
Reportable Property Damage Accidents	219	4†
<b>Vehicles</b>	<b>7,340</b>	<b>6,616</b>
Drivers Involved	6,781	6,202
Vehicle Occupants	8,442	7,796
<b>Special Motorcycle Accident Series</b>		
Motorcycle/Pedestrian Accidents	85	83
Motorcycle/Bicycle Accidents	30	30
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>151</b>	<b>151</b>
Drivers Killed	136	136
Passengers Killed	13	13
Pedestrians Killed	2	2
Bicyclists Killed	0	0
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>4,890</b>	<b>4,680</b>
Drivers Injured	4,177	3,988
Passengers Injured	589	571
Pedestrians Injured	88	87
Bicyclists Injured	28	28
Other	8	6
† It is important to note that the data for 2004 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.		
(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>4,106</b>	<b>100.0</b>
Fatal (K) Accidents	144	3.5
Personal Injury Accidents		
Serious (A)	999	24.3
Moderate (B)	1,282	31.2
Minor (C)	1,581	38.5
Unknown Severity	96	2.3
Property Damage (O) Accidents	4	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>Total</b>	<b>4,509</b>	<b>226</b>	<b>127</b>	<b>229</b>	<b>404</b>	<b>851</b>	<b>1,122</b>	<b>951</b>	<b>519</b>	<b>80</b>
<b>Sunday</b>										
<b>Total</b>	912	66	41	20	87	201	237	172	79	9
Fatal	31	3	2	0	2	4	11	6	3	0
Personal Injury	843	61	35	19	83	187	217	160	74	7
Property Damage	38	2	4	1	2	10	9	6	2	2
<b>Monday</b>										
<b>Total</b>	482	31	12	33	36	93	118	102	51	6
Fatal	18	1	1	2	1	4	1	6	2	0
Personal Injury	442	28	11	28	34	86	110	91	48	6
Property Damage	22	2	0	3	1	3	7	5	1	0
<b>Tuesday</b>										
<b>Total</b>	492	18	9	30	35	81	120	125	61	13
Fatal	15	1	1	1	0	5	2	1	4	0
Personal Injury	443	17	7	24	32	71	111	120	54	7
Property Damage	34	0	1	5	3	5	7	4	3	6
<b>Wednesday</b>										
<b>Total</b>	510	24	9	37	48	77	122	123	61	9
Fatal	11	0	0	0	1	1	4	2	3	0
Personal Injury	480	24	8	34	45	74	116	118	56	5
Property Damage	19	0	1	3	2	2	2	3	2	4
<b>Thursday</b>										
<b>Total</b>	552	18	13	39	47	81	129	133	79	13
Fatal	20	0	1	1	0	6	3	5	4	0
Personal Injury	503	18	10	36	41	72	122	126	71	7
Property Damage	29	0	2	2	6	3	4	2	4	6
<b>Friday</b>										
<b>Total</b>	685	26	14	50	48	130	173	136	96	12
Fatal	16	2	0	0	0	4	3	7	0	0
Personal Injury	640	24	13	48	46	121	162	126	94	6
Property Damage	29	0	1	2	2	5	8	3	2	6
<b>Saturday</b>										
<b>Total</b>	876	43	29	20	103	188	223	160	92	18
Fatal	33	2	1	0	2	7	11	4	6	0
Personal Injury	795	40	24	17	94	170	209	150	81	10
Property Damage	48	1	4	3	7	11	3	6	5	8

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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>4,106</b>	<b>100.0</b>	<b>144</b>	<b>3,958</b>	<b>4</b>
State Police	718	17.5	25	691	2
County Police	1,107	27.0	49	1,058	0
New York City Police (NYPD)	1,106	26.9	29	1,076	1
Municipal Police (non-NYC)	1,175	28.6	41	1,133	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>4,509</b>	<b>100.0</b>	<b>144</b>	<b>4,146</b>	<b>219</b>
State Routes	1,268	28.1	47	1,178	43
County Routes	434	9.6	16	406	12
Town Routes	727	16.1	23	675	29
Municipal Streets	1,580	35.0	38	1,438	104
Parkways	225	5.0	7	211	7
Thruway	51	1.1	0	50	1
Other Interstates	163	3.6	13	140	10
Unknown	61	1.4	0	48	13

<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>4,509</b>	<b>100.0</b>	<b>144</b>	<b>4,146</b>	<b>219</b>
Single Vehicle Accidents	1,926	42.7	54	1,821	51
Two Vehicle Accidents	2,392	53.0	75	2,156	161
3 or More Vehicle Accidents	191	4.2	15	169	7

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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>4,106</b>	<b>100.0</b>	<b>144</b>	<b>3,958</b>	<b>4</b>
Accidents With No Factor Reported	511	12.4	12	499	0
Accidents With One or More Factors Reported	3,595	87.6	132	3,459	4
<b>Accidents With Human Factors</b>	<b>2,984</b>	<b>72.7</b>	<b>126</b>	<b>2,854</b>	<b>4</b>
Aggressive Driving/Road Rage	75	1.8	3	71	1
Alcohol Involvement	155	3.8	14	141	0
Backing Unsafely	17	0.4	0	17	0
Cell Phone (hand held)	3	0.1	0	3	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distracted	544	13.2	16	527	1
Driver Inexperience	358	8.7	15	343	0
Drugs (Illegal)	4	0.1	0	4	0
Failure to Keep Right	86	2.1	7	79	0
Failure to Yield R.O.W.	665	16.2	30	634	1
Fatigued/Drowsy	6	0.1	0	6	0
Fell Asleep	2	<0.1	1	1	0
Following Too Closely	296	7.2	3	292	1
Illness	8	0.2	1	7	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	0	0.0	0	0	0
Outside Car Distraction	14	0.3	0	14	0
Passenger Distraction	7	0.2	1	6	0
Passing or Lane Usage Improper	272	6.6	12	260	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	36	0.9	1	35	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	0	0.0	0	0	0
Reaction to Other Uninvolved Vehicle	237	5.8	3	234	0
Traffic Control Disregarded	114	2.8	3	111	0
Turning Improperly	185	4.5	7	178	0
Unsafe Lane Changing	163	4.0	8	155	0
Unsafe Speed	714	17.4	71	642	1
Other Human	40	1.0	1	39	0
<b>Accidents With Vehicular Factors</b>	<b>214</b>	<b>5.2</b>	<b>5</b>	<b>208</b>	<b>1</b>
Accelerator Defective	14	0.3	0	14	0
Brakes Defective	27	0.7	1	25	1
Driverless/Runaway Vehicle	2	<0.1	1	1	0
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	5	0.1	0	5	0
Oversized Vehicle	5	0.1	0	5	0
Steering Failure	14	0.3	0	14	0
Tire Failure/Inadequate	23	0.6	0	23	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	125	3.0	3	122	0
<b>Accidents With Environmental Factors</b>	<b>666</b>	<b>16.2</b>	<b>12</b>	<b>654</b>	<b>0</b>
Animal's Action	238	5.8	4	234	0
Glare	28	0.7	2	26	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	123	3.0	1	122	0
Pavement Defective	67	1.6	0	67	0
Pavement Slippery	130	3.2	2	128	0
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	3	0.1	0	3	0
View Obstructed/Limited	85	2.1	5	80	0
Other Environmental	6	0.1	0	6	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>4,491</b>	<b>100.0</b>	<b>150</b>	<b>4,172</b>	<b>169</b>
<b>Male</b>	<b>4,245</b>	<b>94.5</b>	<b>145</b>	<b>3,941</b>	<b>159</b>
Under 16	16	0.4	1	15	0
16 - 17	40	0.9	0	40	0
18 - 20	307	6.8	17	284	6
21 - 24	559	12.4	17	531	11
25 - 29	647	14.4	17	611	19
30 - 34	591	13.2	22	547	22
35 - 39	496	11.0	20	456	20
40 - 44	472	10.5	19	439	14
45 - 49	390	8.7	15	357	18
50 - 54	323	7.2	6	288	29
55 - 59	216	4.8	7	199	10
60 - 64	105	2.3	1	100	4
65 - 69	33	0.7	1	31	1
70 - 74	25	0.6	1	24	0
75 - 79	3	0.1	0	3	0
80 and Over	3	0.1	1	2	0
Unknown Age	19	0.4	0	14	5
<b>Female</b>	<b>246</b>	<b>5.5</b>	<b>5</b>	<b>231</b>	<b>10</b>
Under 16	2	<0.1	0	2	0
16 - 17	3	0.1	0	3	0
18 - 20	10	0.2	0	10	0
21 - 24	19	0.4	2	16	1
25 - 29	19	0.4	0	16	3
30 - 34	31	0.7	0	30	1
35 - 39	37	0.8	0	37	0
40 - 44	42	0.9	0	41	1
45 - 49	38	0.8	2	34	2
50 - 54	24	0.5	0	22	2
55 - 59	11	0.2	0	11	0
60 - 64	9	0.2	1	8	0
65 - 69	1	<0.1	0	1	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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<b>TABLE 9 Motorcyclists Killed or Injured by Age Group</b>				
<b>Age Group</b>	<b>Total Motorcyclists</b>		<b>Motorcyclists</b>	
	<b>Number</b>	<b>Percent</b>	<b>Killed</b>	<b>Injured</b>
<b>Total</b>	<b>4,588</b>	<b>100.0</b>	<b>148</b>	<b>4,440</b>
Under 5	3	0.1	0	3
5 - 9	7	0.2	1	6
10 - 13	21	0.5	0	21
14 - 17	70	1.5	1	69
18 - 20	345	7.5	16	329
21 - 24	610	13.3	18	592
25 - 29	672	14.6	15	657
30 - 34	619	13.5	22	597
35 - 39	518	11.3	18	500
40 - 44	529	11.5	24	505
45 - 49	418	9.1	16	402
50 - 54	338	7.4	7	331
55 - 59	225	4.9	6	219
60 - 64	110	2.4	2	108
65 - 69	35	0.8	1	34
70 - 74	24	0.5	0	24
75 - 79	4	0.1	1	3
80 and Over	3	0.1	0	3
Unknown Age	37	0.8	0	37

<b>TABLE 10(P) Safety Equipment Used by Motorcyclists</b>								
	<b>Total Motorcyclists</b>		<b>Injury Severity of Motorcyclist</b>					
	<b>Number</b>	<b>Percent</b>	<b>Killed (K)</b>	<b>Serious (A)</b>	<b>Moderate (B)</b>	<b>Minor (C)</b>	<b>Unk Injury</b>	<b>Uninjured (O)</b>
<b>Motorcyclists</b>	<b>4,675</b>	<b>100.0</b>	<b>148</b>	<b>1,018</b>	<b>1,362</b>	<b>1,780</b>	<b>90</b>	<b>277</b>
No Helmet Used	701	15.0	15	145	206	292	8	35
Helmet Used	3,441	73.6	122	780	1,018	1,268	66	187
Unknown	533	11.4	11	93	138	220	16	55