

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

**2005**

<b>TABLE 1 Motorcycle Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>4,892</b>	<b>4,500</b>
Fatal Accidents	168	168
Non-Fatal Personal Injury Accidents	4,515	4,314
Reportable Property Damage Accidents	209	18
<b>Vehicles</b>	<b>7,874</b>	<b>7,198</b>
Drivers Involved	7,596	6,973
Vehicle Occupants	9,381	8,713
<b>Special Motorcycle Accident Series</b>		
Motorcycle/Pedestrian Accidents	89	88
Motorcycle/Bicycle Accidents	17	17
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>172</b>	<b>172</b>
Drivers Killed	154	154
Passengers Killed	9	9
Pedestrians Killed	9	9
Bicyclists Killed	0	0
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>5,304</b>	<b>5,089</b>
Drivers Injured	4,592	4,390
Passengers Injured	606	596
Pedestrians Injured	81	80
Bicyclists Injured	16	16
Other	9	7
(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>4,500</b>	<b>100.0</b>
Fatal (K) Accidents	168	3.7
Personal Injury Accidents		
Serious (A)	1,161	25.8
Moderate (B)	1,356	30.1
Minor (C)	1,694	37.6
Unknown Severity	103	2.3
Property Damage (O) Accidents	18	0.4

**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>4,892</b>	<b>219</b>	<b>110</b>	<b>282</b>	<b>461</b>	<b>907</b>	<b>1,220</b>	<b>1,063</b>	<b>564</b>	<b>66</b>
<b>Sunday</b>										
<b>Total</b>	910	56	32	24	101	211	230	171	71	14
Fatal	32	3	2	2	2	9	9	3	2	0
Personal Injury	838	51	29	20	95	195	211	163	66	8
Property Damage	40	2	1	2	4	7	10	5	3	6
<b>Monday</b>										
<b>Total</b>	563	21	11	40	39	106	148	127	63	8
Fatal	22	2	0	2	0	2	5	7	4	0
Personal Injury	516	18	10	37	35	99	137	117	57	6
Property Damage	25	1	1	1	4	5	6	3	2	2
<b>Tuesday</b>										
<b>Total</b>	595	20	6	44	50	104	160	136	72	3
Fatal	12	1	0	0	1	4	0	4	2	0
Personal Injury	565	18	5	44	47	98	154	129	68	2
Property Damage	18	1	1	0	2	2	6	3	2	1
<b>Wednesday</b>										
<b>Total</b>	645	22	15	56	67	95	152	151	79	8
Fatal	21	1	1	1	1	5	5	3	4	0
Personal Injury	595	21	12	53	62	88	139	144	72	4
Property Damage	29	0	2	2	4	2	8	4	3	4
<b>Thursday</b>										
<b>Total</b>	633	26	12	48	51	83	139	169	94	11
Fatal	24	1	0	1	2	2	5	9	4	0
Personal Injury	580	25	12	46	47	79	126	149	89	7
Property Damage	29	0	0	1	2	2	8	11	1	4
<b>Friday</b>										
<b>Total</b>	646	30	13	38	64	107	164	133	87	10
Fatal	25	2	0	0	2	1	6	8	6	0
Personal Injury	584	28	11	37	58	102	151	119	76	2
Property Damage	37	0	2	1	4	4	7	6	5	8
<b>Saturday</b>										
<b>Total</b>	900	44	21	32	89	201	227	176	98	12
Fatal	32	3	3	2	3	5	7	5	4	0
Personal Injury	837	40	18	30	82	188	216	165	91	7
Property Damage	31	1	0	0	4	8	4	6	3	5

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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>4,500</b>	<b>100.0</b>	<b>168</b>	<b>4,314</b>	<b>18</b>
State Police	887	19.7	40	834	13
County Police	1,249	27.8	53	1,194	2
New York City Police (NYPD)	1,097	24.4	40	1,055	2
Municipal Police (non-NYC)	1,266	28.1	35	1,230	1
Other	0	0.0	0	0	0
Unknown	1	<0.1	0	1	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>4,892</b>	<b>100.0</b>	<b>168</b>	<b>4,515</b>	<b>209</b>
State Routes	1,411	28.8	57	1,308	46
County Routes	444	9.1	17	417	10
Town Routes	879	18.0	32	806	41
Municipal Streets	1,659	33.9	42	1,530	87
Parkways	223	4.6	12	204	7
Thruway	49	1.0	2	43	4
Other Interstates	186	3.8	5	176	5
Unknown	41	0.8	1	31	9

<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>4,892</b>	<b>100.0</b>	<b>168</b>	<b>4,515</b>	<b>209</b>
Single Vehicle Accidents	2,155	44.1	73	2,027	55
Two Vehicle Accidents	2,542	52.0	87	2,311	144
3 or More Vehicle Accidents	195	4.0	8	177	10

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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>4,500</b>	<b>100.0</b>	<b>168</b>	<b>4,314</b>	<b>18</b>
Accidents With No Factor Reported	564	12.5	14	549	1
Accidents With One or More Factors Reported	3,936	87.5	154	3,765	17
<b>Accidents With Human Factors</b>	<b>3,229</b>	<b>71.8</b>	<b>145</b>	<b>3,068</b>	<b>16</b>
Aggressive Driving/Road Rage	85	1.9	10	75	0
Alcohol Involvement	190	4.2	19	171	0
Backing Unsafely	23	0.5	1	21	1
Cell Phone (hand held)	0	0.0	0	0	0
Cell Phone (hands free)	2	<0.1	0	2	0
Driver Inattention/Distraction	578	12.8	10	565	3
Driver Inexperience	460	10.2	22	437	1
Drugs (Illegal)	7	0.2	1	6	0
Failure to Keep Right	111	2.5	7	103	1
Failure to Yield R.O.W.	692	15.4	30	658	4
Fatigued/Drowsy	3	0.1	1	2	0
Fell Asleep	7	0.2	0	7	0
Following Too Closely	306	6.8	1	301	4
Illness	4	0.1	0	4	0
Lost Consciousness	11	0.2	0	11	0
Other Electronic Device	0	0.0	0	0	0
Outside Car Distraction	7	0.2	1	6	0
Passenger Distraction	7	0.2	0	7	0
Passing or Lane Usage Improper	252	5.6	12	240	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	33	0.7	5	28	0
Physical Disability	4	0.1	0	3	1
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	285	6.3	5	280	0
Traffic Control Disregarded	118	2.6	10	108	0
Turning Improperly	202	4.5	5	197	0
Unsafe Lane Changing	186	4.1	7	177	2
Unsafe Speed	752	16.7	69	680	3
Other Human	25	0.6	2	23	0
<b>Accidents With Vehicular Factors</b>	<b>248</b>	<b>5.5</b>	<b>10</b>	<b>236</b>	<b>2</b>
Accelerator Defective	25	0.6	0	24	1
Brakes Defective	22	0.5	1	21	0
Driverless/Runaway Vehicle	3	0.1	0	3	0
Headlights Defective	3	0.1	1	2	0
Other Lighting Defects	3	0.1	1	2	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	17	0.4	1	16	0
Tire Failure/Inadequate	36	0.8	2	33	1
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	2	<0.1	0	2	0
Other Vehicular	137	3.0	4	133	0
<b>Accidents With Environmental Factors</b>	<b>735</b>	<b>16.3</b>	<b>13</b>	<b>721</b>	<b>1</b>
Animal's Action	277	6.2	4	272	1
Glare	36	0.8	1	35	0
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	143	3.2	2	141	0
Pavement Defective	70	1.6	0	70	0
Pavement Slippery	137	3.0	3	134	0
Shoulders Defective/Improper	6	0.1	2	4	0
Traffic Control Device Improper/Non-Working	2	<0.1	0	2	0
View Obstructed/Limited	82	1.8	2	80	0
Other Environmental	4	0.1	0	4	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>4,918</b>	<b>100.0</b>	<b>174</b>	<b>4,572</b>	<b>172</b>
<b>Male</b>	<b>4,656</b>	<b>94.7</b>	<b>169</b>	<b>4,330</b>	<b>157</b>
Under 16	14	0.3	0	14	0
16 - 17	44	0.9	1	43	0
18 - 20	331	6.7	15	309	7
21 - 24	674	13.7	28	626	20
25 - 29	705	14.3	24	656	25
30 - 34	526	10.7	26	484	16
35 - 39	556	11.3	15	524	17
40 - 44	515	10.5	16	482	17
45 - 49	446	9.1	11	413	22
50 - 54	385	7.8	16	352	17
55 - 59	250	5.1	10	231	9
60 - 64	114	2.3	3	108	3
65 - 69	53	1.1	2	51	0
70 - 74	22	0.4	1	20	1
75 - 79	10	0.2	0	8	2
80 and Over	4	0.1	1	3	0
Unknown Age	7	0.1	0	6	1
<b>Female</b>	<b>243</b>	<b>4.9</b>	<b>5</b>	<b>226</b>	<b>12</b>
Under 16	1	<0.1	0	1	0
16 - 17	1	<0.1	0	1	0
18 - 20	14	0.3	0	14	0
21 - 24	18	0.4	2	14	2
25 - 29	24	0.5	0	21	3
30 - 34	24	0.5	0	23	1
35 - 39	33	0.7	0	33	0
40 - 44	45	0.9	1	41	3
45 - 49	43	0.9	1	41	1
50 - 54	27	0.5	0	26	1
55 - 59	8	0.2	0	7	1
60 - 64	1	<0.1	1	0	0
65 - 69	3	0.1	0	3	0
70 - 74	0	0.0	0	0	0
75 - 79	0	0.0	0	0	0
80 and Over	1	<0.1	0	1	0
Unknown Age	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>19</b>	<b>0.4</b>	<b>0</b>	<b>16</b>	<b>3</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>4,965</b>	<b>100.0</b>	<b>162</b>	<b>4,803</b>
Under 5	1	<0.1	0	1
5 - 9	5	0.1	0	5
10 - 13	18	0.4	0	18
14 - 17	72	1.5	1	71
18 - 20	380	7.7	15	365
21 - 24	689	13.9	26	663
25 - 29	709	14.3	21	688
30 - 34	546	11.0	26	520
35 - 39	591	11.9	15	576
40 - 44	561	11.3	15	546
45 - 49	497	10.0	14	483
50 - 54	411	8.3	14	397
55 - 59	252	5.1	7	245
60 - 64	117	2.4	4	113
65 - 69	55	1.1	2	53
70 - 74	23	0.5	1	22
75 - 79	9	0.2	0	9
80 and Over	7	0.1	1	6
Unknown Age	22	0.4	0	22

<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>5,081</b>	<b>100.0</b>	<b>162</b>	<b>1,183</b>	<b>1,488</b>	<b>1,844</b>	<b>79</b>	<b>325</b>
No Helmet Used	682	13.4	19	145	193	272	19	34
Helmet Used	3,835	75.5	131	944	1,154	1,358	42	206
Unknown	564	11.1	12	94	141	214	18	85