

# New York State Department of Motor Vehicles

## Summary of Motorcycle Accidents

2009

<b>TABLE 1 Motorcycle Accidents</b>		
<b>Category Totals</b>	<b>All Accidents</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>5,150</b>	<b>4,647</b>
Fatal Accidents	152	152
Non-Fatal Personal Injury Accidents	4,347	4,111
Reportable Property Damage Accidents	651	384
Vehicles	8,272	7,475
Drivers Involved	7,878	7,187
<i>Motorcycle Operators</i>	<i>5,089</i>	<i>4,668</i>
<i>Non-Motorcycle Drivers</i>	<i>2,789</i>	<i>2,519</i>
Vehicle Occupants	9,606	8,844
<b>Special Motorcycle Accident Series</b>		
Motorcycle/Pedestrian Accidents	63	58
Motorcycle/Bicycle Accidents	28	26
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>155</b>	<b>155</b>
Drivers Killed	146	146
<i>Motorcycle Operators</i>	<i>146</i>	<i>146</i>
<i>Non-Motorcycle Drivers</i>	<i>0</i>	<i>0</i>
Passengers Killed	5	5
<i>Motorcycle Passengers</i>	<i>5</i>	<i>5</i>
<i>Passengers in Other Vehicles</i>	<i>0</i>	<i>0</i>
Pedestrians Killed	3	3
Bicyclists Killed	1	1
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>5,042</b>	<b>4,793</b>
Drivers Injured	4,444	4,216
Passengers Injured	505	490
Pedestrians Injured	61	56
Bicyclists Injured	24	23
Other	8	8
(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>4,647</b>	<b>100.0</b>
Fatal (K) Accidents	152	3.3
Personal Injury Accidents		
Serious (A)	1,004	21.6
Moderate (B)	1,287	27.7
Minor (C)	1,739	37.4
Unknown Severity	81	1.7
Property Damage (O) Accidents	384	8.3

**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>5,150</b>	<b>231</b>	<b>98</b>	<b>296</b>	<b>502</b>	<b>995</b>	<b>1,372</b>	<b>1,003</b>	<b>514</b>	<b>139</b>
<b>Sunday</b>										
<b>Total</b>	955	48	20	24	113	233	263	166	65	23
Fatal	30	1	1	1	4	5	7	9	2	0
Personal Injury	809	40	17	21	94	202	226	142	57	10
Property Damage	116	7	2	2	15	26	30	15	6	13
<b>Monday</b>										
<b>Total</b>	651	28	9	41	75	112	170	134	64	18
Fatal	22	2	1	2	2	4	3	4	4	0
Personal Injury	539	24	7	34	64	94	139	115	51	11
Property Damage	90	2	1	5	9	14	28	15	9	7
<b>Tuesday</b>										
<b>Total</b>	605	13	7	47	50	102	167	138	66	15
Fatal	9	1	0	0	0	1	4	1	2	0
Personal Injury	510	12	7	42	41	85	140	123	59	1
Property Damage	86	0	0	5	9	16	23	14	5	14
<b>Wednesday</b>										
<b>Total</b>	630	31	12	57	44	97	168	127	76	18
Fatal	18	3	0	1	0	2	5	5	2	0
Personal Injury	531	27	8	50	39	86	142	111	62	6
Property Damage	81	1	4	6	5	9	21	11	12	12
<b>Thursday</b>										
<b>Total</b>	566	19	9	49	49	95	139	113	71	22
Fatal	17	0	0	2	2	1	3	4	4	1
Personal Injury	489	15	8	40	40	85	127	98	61	15
Property Damage	60	4	1	7	7	9	9	11	6	6
<b>Friday</b>										
<b>Total</b>	776	28	24	44	61	123	217	166	90	23
Fatal	25	3	0	0	1	4	7	6	3	1
Personal Injury	650	23	20	38	54	104	183	145	75	8
Property Damage	101	2	4	6	6	15	27	15	12	14
<b>Saturday</b>										
<b>Total</b>	967	64	17	34	110	233	248	159	82	20
Fatal	31	6	2	0	4	6	4	6	3	0
Personal Injury	819	49	14	31	94	202	214	134	72	9
Property Damage	117	9	1	3	12	25	30	19	7	11

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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>4,647</b>	<b>100.0</b>	<b>152</b>	<b>4,111</b>	<b>384</b>
State Police	982	21.1	31	850	101
County Police	1,262	27.2	60	1,098	104
New York City Police (NYPD)	1,061	22.8	28	1,007	26
Municipal Police (non-NYC)	1,342	28.9	33	1,156	153
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>					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

<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>5,150</b>	<b>100.0</b>	<b>152</b>	<b>4,347</b>	<b>651</b>
Single Vehicle Accidents	2,270	44.1	59	1,998	213
Two Vehicle Accidents	2,690	52.2	76	2,198	416
3 or More Vehicle Accidents	190	3.7	17	151	22

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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>4,647</b>	<b>100.0</b>	<b>152</b>	<b>4,111</b>	<b>384</b>
Accidents With No Factor Reported	491	10.6	10	466	15
Accidents With One or More Factors Reported	4,156	89.4	142	3,645	369
<b>Accidents With Human Factors</b>	<b>3,454</b>	<b>74.3</b>	<b>136</b>	<b>3,018</b>	<b>300</b>
Aggressive Driving/Road Rage	77	1.7	4	69	4
Alcohol Involvement	158	3.4	16	127	15
Backing Unsafely	42	0.9	0	15	27
Cell Phone (hand held)	2	<0.1	0	2	0
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distraction	670	14.4	18	588	64
Driver Inexperience	383	8.2	13	344	26
Drugs (Illegal)	10	0.2	3	7	0
Failure to Keep Right	94	2.0	12	73	9
Failure to Yield R.O.W.	749	16.1	38	657	54
Fatigued/Drowsy	7	0.2	0	7	0
Fell Asleep	0	0.0	0	0	0
Following Too Closely	415	8.9	3	353	59
Illness	8	0.2	0	8	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	4	0.1	0	4	0
Outside Car Distraction	20	0.4	2	16	2
Passenger Distraction	10	0.2	0	10	0
Passing or Lane Usage Improper	293	6.3	11	251	31
Pedestrian/Bicyclist/Other Ped Error/Confusion	27	0.6	3	24	0
Physical Disability	2	<0.1	0	2	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	336	7.2	2	308	26
Traffic Control Disregarded	114	2.5	15	95	4
Turning Improperly	244	5.3	4	224	16
Unsafe Lane Changing	180	3.9	7	163	10
Unsafe Speed	744	16.0	56	640	48
Other Human	11	0.2	0	10	1
<b>Accidents With Vehicular Factors</b>	<b>213</b>	<b>4.6</b>	<b>2</b>	<b>196</b>	<b>15</b>
Accelerator Defective	13	0.3	0	12	1
Brakes Defective	15	0.3	0	14	1
Driverless/Runaway Vehicle	1	<0.1	0	1	0
Headlights Defective	2	<0.1	0	2	0
Other Lighting Defects	6	0.1	0	6	0
Oversized Vehicle	6	0.1	0	5	1
Steering Failure	15	0.3	0	15	0
Tire Failure/Inadequate	26	0.6	0	23	3
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	134	2.9	2	123	9
<b>Accidents With Environmental Factors</b>	<b>799</b>	<b>17.2</b>	<b>11</b>	<b>712</b>	<b>76</b>
Animal's Action	313	6.7	3	272	38
Glare	25	0.5	0	21	4
Lane Marking Improper/Inadequate	2	<0.1	0	2	0
Obstruction/Debris	149	3.2	1	136	12
Pavement Defective	66	1.4	0	64	2
Pavement Slippery	174	3.7	2	158	14
Shoulders Defective/Improper	3	0.1	0	3	0
Traffic Control Device Improper/Non-Working	1	<0.1	0	1	0
View Obstructed/Limited	87	1.9	5	76	6
Other Environmental	1	<0.1	0	1	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>Non-Motorcycle Drivers</b>		<b>Motorcycle Operators by Severity of Accident</b>				
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>7,878</b>	<b>100.0</b>	<b>2,789</b>	<b>100.0</b>	<b>5,089</b>	<b>100.0</b>	<b>157</b>	<b>4,424</b>	<b>508</b>
<b>Male</b>	<b>6,300</b>	<b>80.0</b>	<b>1,594</b>	<b>57.2</b>	<b>4,706</b>	<b>92.5</b>	<b>154</b>	<b>4,088</b>	<b>464</b>
Under 16	6	0.1	0	0.0	6	0.1	0	6	0
16 - 17	52	0.7	20	0.7	32	0.6	0	30	2
18 - 20	366	4.6	101	3.6	265	5.2	7	232	26
21 - 24	774	9.8	140	5.0	634	12.5	20	531	83
25 - 29	808	10.3	142	5.1	666	13.1	28	577	61
30 - 34	618	7.8	135	4.8	483	9.5	21	422	40
35 - 39	644	8.2	150	5.4	494	9.7	9	439	46
40 - 44	669	8.5	159	5.7	510	10.0	16	439	55
45 - 49	743	9.4	193	6.9	550	10.8	20	474	56
50 - 54	603	7.7	171	6.1	432	8.5	12	382	38
55 - 59	442	5.6	123	4.4	319	6.3	15	276	28
60 - 64	241	3.1	85	3.0	156	3.1	5	131	20
65 - 69	160	2.0	58	2.1	102	2.0	0	97	5
70 - 74	78	1.0	41	1.5	37	0.7	0	35	2
75 - 79	36	0.5	26	0.9	10	0.2	1	8	1
80 and Over	48	0.6	44	1.6	4	0.1	0	4	0
Unknown Age	12	0.2	6	0.2	6	0.1	0	5	1
<b>Female</b>	<b>1,273</b>	<b>16.2</b>	<b>927</b>	<b>33.2</b>	<b>346</b>	<b>6.8</b>	<b>3</b>	<b>316</b>	<b>27</b>
Under 16	1	<0.1	1	<0.1	0	0.0	0	0	0
16 - 17	30	0.4	26	0.9	4	0.1	0	3	1
18 - 20	89	1.1	79	2.8	10	0.2	0	10	0
21 - 24	138	1.8	111	4.0	27	0.5	0	23	4
25 - 29	118	1.5	85	3.0	33	0.6	0	31	2
30 - 34	95	1.2	71	2.5	24	0.5	0	24	0
35 - 39	115	1.5	80	2.9	35	0.7	0	32	3
40 - 44	146	1.9	87	3.1	59	1.2	1	51	7
45 - 49	169	2.1	104	3.7	65	1.3	1	59	5
50 - 54	112	1.4	72	2.6	40	0.8	0	38	2
55 - 59	84	1.1	59	2.1	25	0.5	0	25	0
60 - 64	59	0.7	44	1.6	15	0.3	1	13	1
65 - 69	46	0.6	41	1.5	5	0.1	0	5	0
70 - 74	21	0.3	20	0.7	1	<0.1	0	1	0
75 - 79	27	0.3	25	0.9	2	<0.1	0	1	1
80 and Over	22	0.3	21	0.8	1	<0.1	0	0	1
Unknown Age	1	<0.1	1	<0.1	0	0.0	0	0	0
<b>Unknown Gender</b>	<b>305</b>	<b>3.9</b>	<b>268</b>	<b>9.6</b>	<b>37</b>	<b>0.7</b>	<b>0</b>	<b>20</b>	<b>17</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>4,744</b>	<b>100.0</b>	<b>151</b>	<b>4,593</b>
Under 5	0	0.0	0	0
5 - 9	3	0.1	0	3
10 - 13	13	0.3	0	13
14 - 17	58	1.2	0	58
18 - 20	273	5.8	7	266
21 - 24	601	12.7	19	582
25 - 29	653	13.8	29	624
30 - 34	464	9.8	18	446
35 - 39	488	10.3	10	478
40 - 44	537	11.3	15	522
45 - 49	562	11.8	20	542
50 - 54	450	9.5	10	440
55 - 59	315	6.6	16	299
60 - 64	154	3.2	6	148
65 - 69	100	2.1	0	100
70 - 74	38	0.8	0	38
75 - 79	11	0.2	1	10
80 and Over	4	0.1	0	4
Unknown Age	20	0.4	0	20

<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>5,115</b>	<b>100.0</b>	<b>151</b>	<b>1,024</b>	<b>1,366</b>	<b>1,904</b>	<b>57</b>	<b>613</b>
No Helmet Used	557	10.9	15	106	177	195	4	60
Helmet Used	4,046	79.1	131	825	1,079	1,521	37	453
Unknown	512	10.0	5	93	110	188	16	100