

New York State Department of Motor Vehicles Summary of Motorcycle Accidents

2008

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,396	4,944
Fatal Accidents	184	184
Non-Fatal Personal Injury Accidents	4,593	4,380
Reportable Property Damage Accidents	619	380
Vehicles	8,670	7,944
Drivers Involved	8,294	7,643
<i>Motorcycle Operators</i>	5,368	4,970
<i>Non-Motorcycle Drivers</i>	2,926	2,673
Vehicle Occupants	10,049	9,353
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	84	84
Motorcycle/Bicycle Accidents	29	27
Fatalities		
<i>Persons Killed (1)</i>	188	188
Drivers Killed	175	175
<i>Motorcycle Operators</i>	175	175
<i>Non-Motorcycle Drivers</i>	0	0
Passengers Killed	8	8
<i>Motorcycle Passengers</i>	7	7
<i>Passengers in Other Vehicles</i>	1	1
Pedestrians Killed	4	4
Bicyclists Killed	1	1
Other	0	0
Non-Fatal Injuries		
<i>Persons Injured (1)</i>	5,290	5,066
Drivers Injured	4,674	4,464
Passengers Injured	493	483
Pedestrians Injured	81	81
Bicyclists Injured	28	26
Other	14	12
<p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</p> <p>Note: It is important to note that the data for 2008 are comparable to the data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.</p>		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	4,944	100.0
Fatal (K) Accidents	184	3.7
Personal Injury Accidents		
Serious (A)	1,028	20.8
Moderate (B)	1,368	27.7
Minor (C)	1,886	38.1
Unknown Severity	98	2.0
Property Damage (O) Accidents	380	7.7

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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TABLE 3 Day of Week/Time of Day										
Day of Week	Total Accidents	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	5,396	211	126	369	584	993	1,415	1,056	546	96
Sunday										
Total	944	50	25	27	107	228	250	173	71	13
Fatal	45	4	2	3	4	6	13	8	5	0
Personal Injury	800	39	20	21	93	203	215	146	59	4
Property Damage	99	7	3	3	10	19	22	19	7	9
Monday										
Total	628	19	17	52	66	96	176	125	66	11
Fatal	16	1	0	1	1	4	4	3	2	0
Personal Injury	546	17	12	48	60	83	153	109	57	7
Property Damage	66	1	5	3	5	9	19	13	7	4
Tuesday										
Total	681	17	12	64	75	112	189	149	57	6
Fatal	26	0	0	6	1	5	9	2	3	0
Personal Injury	569	15	12	52	63	92	155	130	47	3
Property Damage	86	2	0	6	11	15	25	17	7	3
Wednesday										
Total	768	32	13	67	77	121	192	162	89	15
Fatal	24	3	0	3	0	1	7	6	4	0
Personal Injury	649	25	10	58	65	103	162	141	79	6
Property Damage	95	4	3	6	12	17	23	15	6	9
Thursday										
Total	699	19	20	65	55	102	188	156	74	20
Fatal	27	2	2	1	1	3	3	9	6	0
Personal Injury	586	16	16	56	48	88	167	135	53	7
Property Damage	86	1	2	8	6	11	18	12	15	13
Friday										
Total	748	24	16	59	91	123	192	133	99	11
Fatal	17	0	2	2	0	3	4	3	3	0
Personal Injury	642	22	13	46	78	102	168	120	86	7
Property Damage	89	2	1	11	13	18	20	10	10	4
Saturday										
Total	928	50	23	35	113	211	228	158	90	20
Fatal	29	4	3	1	4	6	4	2	5	0
Personal Injury	801	42	18	30	95	183	206	140	78	9
Property Damage	98	4	2	4	14	22	18	16	7	11

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,944	100.0	184	4,380	380
State Police	999	20.2	38	856	105
County Police	1,385	28.0	67	1,194	124
New York City Police (NYPD)	1,140	23.1	39	1,070	31
Municipal Police (non-NYC)	1,419	28.7	40	1,259	120
Unknown	1	<0.1	0	1	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,396	100.0	184	4,593	619
Single Vehicle Accidents	2,392	44.3	82	2,097	213
Two Vehicle Accidents	2,790	51.7	88	2,321	381
3 or More Vehicle Accidents	214	4.0	14	175	25

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	4,944	100.0	184	4,380	380
Accidents With No Factor Reported	523	10.6	13	488	22
Accidents With One or More Factors Reported	4,421	89.4	171	3,892	358
Accidents With Human Factors	3,646	73.7	165	3,200	281
Aggressive Driving/Road Rage	98	2.0	4	87	7
Alcohol Involvement	183	3.7	16	151	16
Backing Unsafely	46	0.9	1	20	25
Cell Phone (hand held)	3	0.1	0	3	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	687	13.9	24	599	64
Driver Inexperience	475	9.6	20	434	21
Drugs (Illegal)	8	0.2	2	6	0
Failure to Keep Right	106	2.1	10	90	6
Failure to Yield R.O.W.	770	15.6	39	690	41
Fatigued/Drowsy	6	0.1	0	4	2
Fell Asleep	7	0.1	0	6	1
Following Too Closely	428	8.7	7	358	63
Illness	1	<0.1	0	1	0
Lost Consciousness	5	0.1	0	5	0
Other Electronic Device	1	<0.1	0	1	0
Outside Car Distraction	15	0.3	0	15	0
Passenger Distraction	14	0.3	0	13	1
Passing or Lane Usage Improper	300	6.1	11	268	21
Pedestrian/Bicyclist/Other Ped Error/Confusion	29	0.6	2	27	0
Physical Disability	3	0.1	0	2	1
Prescription Medication	2	<0.1	1	0	1
Reaction to Other Uninvolved Vehicle	360	7.3	4	341	15
Traffic Control Disregarded	126	2.5	9	110	7
Turning Improperly	245	5.0	8	223	14
Unsafe Lane Changing	221	4.5	7	201	13
Unsafe Speed	838	16.9	90	701	47
Other Human	10	0.2	2	8	0
Accidents With Vehicular Factors	247	5.0	5	220	22
Accelerator Defective	23	0.5	0	21	2
Brakes Defective	41	0.8	1	35	5
Driverless/Runaway Vehicle	5	0.1	0	2	3
Headlights Defective	0	0.0	0	0	0
Other Lighting Defects	3	0.1	0	3	0
Oversized Vehicle	3	0.1	0	2	1
Steering Failure	13	0.3	0	12	1
Tire Failure/Inadequate	29	0.6	0	26	3
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	132	2.7	4	120	8
Accidents With Environmental Factors	861	17.4	18	761	82
Animal's Action	369	7.5	4	326	39
Glare	29	0.6	1	27	1
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	147	3.0	2	138	7
Pavement Defective	58	1.2	0	55	3
Pavement Slippery	157	3.2	3	134	20
Shoulders Defective/Improper	4	0.1	0	4	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	110	2.2	8	89	13
Other Environmental	2	<0.1	0	2	0

Note: Many accidents have multiple factors reported.

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TABLE 8 Driver Age and Gender									
	Total Drivers		Non-Motorcycle Drivers		Motorcycle Operators by Severity of Accident				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	8,294	100.0	2,926	100.0	5,368	100.0	190	4,681	497
Male	6,692	80.7	1,676	57.3	5,016	93.4	182	4,374	460
Under 16	5	0.1	1	<0.1	4	0.1	0	4	0
16 - 17	64	0.8	26	0.9	38	0.7	1	36	1
18 - 20	491	5.9	136	4.6	355	6.6	11	317	27
21 - 24	821	9.9	134	4.6	687	12.8	36	595	56
25 - 29	855	10.3	145	5.0	710	13.2	31	622	57
30 - 34	689	8.3	165	5.6	524	9.8	21	464	39
35 - 39	697	8.4	175	6.0	522	9.7	24	441	57
40 - 44	690	8.3	162	5.5	528	9.8	21	458	49
45 - 49	709	8.5	174	5.9	535	10.0	17	457	61
50 - 54	653	7.9	143	4.9	510	9.5	8	456	46
55 - 59	402	4.8	126	4.3	276	5.1	6	237	33
60 - 64	258	3.1	91	3.1	167	3.1	2	146	19
65 - 69	159	1.9	69	2.4	90	1.7	2	81	7
70 - 74	81	1.0	45	1.5	36	0.7	2	28	6
75 - 79	55	0.7	38	1.3	17	0.3	0	16	1
80 and Over	49	0.6	43	1.5	6	0.1	0	5	1
Unknown Age	14	0.2	3	0.1	11	0.2	0	11	0
Female	1,328	16.0	1,005	34.3	323	6.0	8	295	20
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	35	0.4	35	1.2	0	0.0	0	0	0
18 - 20	89	1.1	80	2.7	9	0.2	0	9	0
21 - 24	110	1.3	91	3.1	19	0.4	2	15	2
25 - 29	146	1.8	108	3.7	38	0.7	0	35	3
30 - 34	118	1.4	80	2.7	38	0.7	0	38	0
35 - 39	107	1.3	71	2.4	36	0.7	1	34	1
40 - 44	169	2.0	113	3.9	56	1.0	1	50	5
45 - 49	149	1.8	92	3.1	57	1.1	1	52	4
50 - 54	110	1.3	69	2.4	41	0.8	2	37	2
55 - 59	98	1.2	81	2.8	17	0.3	1	14	2
60 - 64	52	0.6	44	1.5	8	0.1	0	7	1
65 - 69	44	0.5	40	1.4	4	0.1	0	4	0
70 - 74	33	0.4	33	1.1	0	0.0	0	0	0
75 - 79	33	0.4	33	1.1	0	0.0	0	0	0
80 and Over	33	0.4	33	1.1	0	0.0	0	0	0
Unknown Age	2	<0.1	2	0.1	0	0.0	0	0	0
Unknown Gender	274	3.3	245	8.4	29	0.5	0	12	17

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TABLE 9 Motorcyclists Killed or Injured by Age Group				
Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	5,024	100.0	182	4,842
Under 5	0	0.0	0	0
5 - 9	8	0.2	0	8
10 - 13	18	0.4	0	18
14 - 17	68	1.4	1	67
18 - 20	353	7.0	11	342
21 - 24	676	13.5	38	638
25 - 29	678	13.5	27	651
30 - 34	524	10.4	20	504
35 - 39	504	10.0	24	480
40 - 44	536	10.7	20	516
45 - 49	561	11.2	17	544
50 - 54	516	10.3	11	505
55 - 59	252	5.0	6	246
60 - 64	154	3.1	3	151
65 - 69	92	1.8	2	90
70 - 74	34	0.7	2	32
75 - 79	16	0.3	0	16
80 and Over	5	0.1	0	5
Unknown Age	29	0.6	0	29

TABLE 10(P) Safety Equipment Used by Motorcyclists								
	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,430	100.0	182	1,053	1,444	2,054	71	626
No Helmet Used	617	11.4	29	119	158	238	13	60
Helmet Used	4,285	78.9	139	863	1,160	1,625	40	458
Unknown	528	9.7	14	71	126	191	18	108