

New York State Department of Motor Vehicles

Summary of Motorcycle Accidents

2006

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	4,912†	4,550†
Fatal Accidents	190	190
Non-Fatal Personal Injury Accidents	4,272	4,094
Reportable Property Damage Accidents	450†	266†
Vehicles	7,943	7,327
Drivers Involved	7,600	7,050
Vehicle Occupants	9,283	8,686
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	77	73
Motorcycle/Bicycle Accidents	29	29
Fatalities		
Persons Killed (1)	195	195
Drivers Killed	181	181
Passengers Killed	12	12
Pedestrians Killed	2	2
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	4,951	4,757
Drivers Injured	4,338	4,163
Passengers Injured	513	500
Pedestrians Injured	71	66
Bicyclists Injured	26	26
Other	3	2
<p>† It is important to note that the data for 2006 are not strictly comparable to the data for previous years. Changes in data collection and reporting that began during 2006 with respect to property damage crashes have increased the total number of crashes, since the changes resulted in more 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>		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	4,550	100.0
Fatal (K) Accidents	190	4.2
Personal Injury Accidents		
Serious (A)	961	21.1
Moderate (B)	1,330	29.2
Minor (C)	1,704	37.5
Unknown Severity	99	2.2
Property Damage (O) Accidents	266	5.8

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	4,912	207	103	318	448	918	1,300	972	567	79
Sunday										
Total	897	56	25	32	95	205	225	168	77	14
Fatal	35	7	2	1	1	11	4	6	3	0
Personal Injury	791	47	21	28	85	182	205	151	66	6
Property Damage	71	2	2	3	9	12	16	11	8	8
Monday										
Total	627	20	14	46	56	109	179	116	75	12
Fatal	29	5	0	1	2	4	5	7	5	0
Personal Injury	523	13	12	41	48	89	155	99	62	4
Property Damage	75	2	2	4	6	16	19	10	8	8
Tuesday										
Total	588	23	14	50	52	98	141	118	81	11
Fatal	13	2	0	3	1	1	0	1	5	0
Personal Injury	512	18	12	42	45	88	124	106	70	7
Property Damage	63	3	2	5	6	9	17	11	6	4
Wednesday										
Total	653	19	13	64	45	104	190	144	69	5
Fatal	25	1	0	3	1	2	5	9	4	0
Personal Injury	580	18	12	57	37	92	178	127	58	1
Property Damage	48	0	1	4	7	10	7	8	7	4
Thursday										
Total	640	21	8	49	46	100	190	142	70	14
Fatal	21	3	0	4	0	2	3	2	6	1
Personal Injury	553	17	6	40	42	92	163	128	59	6
Property Damage	66	1	2	5	4	6	24	12	5	7
Friday										
Total	682	35	9	44	71	118	179	122	94	10
Fatal	25	5	1	0	2	2	9	5	1	0
Personal Injury	597	30	6	36	65	102	156	111	86	5
Property Damage	60	0	2	8	4	14	14	6	7	5
Saturday										
Total	825	33	20	33	83	184	196	162	101	13
Fatal	42	2	2	1	3	11	13	6	4	0
Personal Injury	716	29	13	31	73	163	170	145	84	8
Property Damage	67	2	5	1	7	10	13	11	13	5

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,550	100.0	190	4,094	266
State Police	840	18.5	49	720	71
County Police	1,286	28.3	74	1,130	82
New York City Police (NYPD)	1,119	24.6	32	1,065	22
Municipal Police (non-NYC)	1,305	28.7	35	1,179	91
Other	0	0.0	0	0	0
Unknown	0	0.0	0	0	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,912	100.0	190	4,272	450
State Routes	1,385	28.2	75	1,188	122
County Routes	547	11.1	24	489	34
Town Routes	721	14.7	31	611	79
Municipal Streets	1,622	33.0	32	1,435	155
Parkways	308	6.3	15	260	33
Thruway	51	1.0	2	46	3
Other Interstates	211	4.3	9	191	11
Unknown	67	1.4	2	52	13

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,912	100.0	190	4,272	450
Single Vehicle Accidents	2,154	43.9	74	1,952	128
Two Vehicle Accidents	2,544	51.8	97	2,155	292
3 or More Vehicle Accidents	214	4.4	19	165	30

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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	4,550	100.0	190	4,094	266
Accidents With No Factor Reported	570	12.5	15	539	16
Accidents With One or More Factors Reported	3,980	87.5	175	3,555	250
Accidents With Human Factors	3,320	73.0	170	2,939	211
Aggressive Driving/Road Rage	93	2.0	6	79	8
Alcohol Involvement	149	3.3	23	120	6
Backing Unsafely	41	0.9	1	24	16
Cell Phone (hand held)	2	<0.1	0	2	0
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distraction	599	13.2	15	539	45
Driver Inexperience	448	9.8	19	404	25
Drugs (Illegal)	10	0.2	1	8	1
Failure to Keep Right	100	2.2	18	76	6
Failure to Yield R.O.W.	720	15.8	43	632	45
Fatigued/Drowsy	8	0.2	0	8	0
Fell Asleep	4	0.1	0	3	1
Following Too Closely	325	7.1	6	287	32
Illness	5	0.1	0	5	0
Lost Consciousness	4	0.1	1	3	0
Other Electronic Device	0	0.0	0	0	0
Outside Car Distraction	9	0.2	0	9	0
Passenger Distraction	14	0.3	0	14	0
Passing or Lane Usage Improper	261	5.7	10	233	18
Pedestrian/Bicyclist/Other Ped Error/Confusion	32	0.7	1	31	0
Physical Disability	2	<0.1	0	2	0
Prescription Medication	0	0.0	0	0	0
Reaction to Other Uninvolved Vehicle	292	6.4	3	280	9
Traffic Control Disregarded	122	2.7	9	104	9
Turning Improperly	236	5.2	11	213	12
Unsafe Lane Changing	201	4.4	10	177	14
Unsafe Speed	783	17.2	84	662	37
Other Human	21	0.5	0	19	2
Accidents With Vehicular Factors	224	4.9	3	206	15
Accelerator Defective	19	0.4	0	18	1
Brakes Defective	25	0.5	0	22	3
Driverless/Runaway Vehicle	4	0.1	0	3	1
Headlights Defective	4	0.1	0	4	0
Other Lighting Defects	6	0.1	0	6	0
Oversized Vehicle	5	0.1	0	4	1
Steering Failure	27	0.6	0	26	1
Tire Failure/Inadequate	23	0.5	1	20	2
Tow Hitch Defective	2	<0.1	0	2	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	112	2.5	2	104	6
Accidents With Environmental Factors	721	15.8	13	670	38
Animal's Action	287	6.3	3	269	15
Glare	29	0.6	2	26	1
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	112	2.5	0	105	7
Pavement Defective	65	1.4	0	60	5
Pavement Slippery	157	3.5	4	146	7
Shoulders Defective/Improper	3	0.1	0	3	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	83	1.8	4	76	3
Other Environmental	3	0.1	0	3	0

Note: Many accidents have multiple factors reported.

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TABLE 8 Motorcycle Operator Age and Gender					
	Total Motorcycle Operators		Motorcycle Operators by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Motorcycle Operators	4,899	100.0	205	4,318	376
Male	4,583	93.5	200	4,050	333
Under 16	6	0.1	0	6	0
16 - 17	34	0.7	0	31	3
18 - 20	317	6.5	8	284	25
21 - 24	647	13.2	32	566	49
25 - 29	663	13.5	30	581	52
30 - 34	550	11.2	22	503	25
35 - 39	524	10.7	27	459	38
40 - 44	498	10.2	21	445	32
45 - 49	462	9.4	24	404	34
50 - 54	365	7.5	13	322	30
55 - 59	272	5.6	11	233	28
60 - 64	130	2.7	6	116	8
65 - 69	64	1.3	3	57	4
70 - 74	23	0.5	2	20	1
75 - 79	11	0.2	1	9	1
80 and Over	5	0.1	0	4	1
Unknown Age	12	0.2	0	10	2
Female	281	5.7	5	253	23
Under 16	0	0.0	0	0	0
16 - 17	1	<0.1	0	1	0
18 - 20	14	0.3	0	12	2
21 - 24	28	0.6	2	24	2
25 - 29	23	0.5	1	22	0
30 - 34	29	0.6	1	28	0
35 - 39	35	0.7	0	30	5
40 - 44	44	0.9	1	42	1
45 - 49	51	1.0	0	46	5
50 - 54	32	0.7	0	28	4
55 - 59	22	0.4	0	18	4
60 - 64	1	<0.1	0	1	0
65 - 69	0	0.0	0	0	0
70 - 74	1	<0.1	0	1	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
Unknown Gender	35	0.7	0	15	20

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TABLE 9 Motorcyclists Killed or Injured by Age Group				
Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,707	100.0	192	4,515
Under 5	0	0.0	0	0
5 - 9	9	0.2	0	9
10 - 13	16	0.3	0	16
14 - 17	54	1.1	0	54
18 - 20	333	7.1	6	327
21 - 24	654	13.9	32	622
25 - 29	648	13.8	28	620
30 - 34	550	11.7	24	526
35 - 39	530	11.3	24	506
40 - 44	508	10.8	22	486
45 - 49	495	10.5	23	472
50 - 54	379	8.1	11	368
55 - 59	269	5.7	10	259
60 - 64	128	2.7	6	122
65 - 69	62	1.3	3	59
70 - 74	25	0.5	2	23
75 - 79	11	0.2	1	10
80 and Over	4	0.1	0	4
Unknown Age	32	0.7	0	32

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	5,029	100.0	192	990	1,425	1,840	75	507
No Helmet Used	623	12.4	22	119	186	231	12	53
Helmet Used	3,871	77.0	153	796	1,120	1,401	48	353
Unknown	535	10.6	17	75	119	208	15	101