

New York State Department of Motor Vehicles Summary of Motorcycle Accidents 2003

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	4,284	3,945†
Fatal Accidents	151	151
Non-Fatal Personal Injury Accidents	3,966	3,788
Reportable Property Damage Accidents	167	6†
Vehicles	7,046	6,450
Drivers Involved	6,542	6,050
Vehicle Occupants	8,224	7,665
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	76	76
Motorcycle/Bicycle Accidents	21	20
Fatalities		
Persons Killed (1)	155	155
Drivers Killed	151	151
Passengers Killed	4	4
Pedestrians Killed	0	0
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	4,687	4,497
Drivers Injured	4,014	3,840
Passengers Injured	570	555
Pedestrians Injured	73	73
Bicyclists Injured	22	21
Other	8	8
<p>† It is important to note that the data for 2003 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.</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	3,945	100.0
Fatal (K) Accidents	151	3.8
Personal Injury Accidents		
Serious (A)	930	23.6
Moderate (B)	1,278	32.4
Minor (C)	1,514	38.4
Unknown Severity	66	1.7
Property Damage (O) Accidents	6	0.2

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	4,284	250	120	214	400	768	1,026	912	484	110
Sunday										
Total	870	53	30	25	88	187	205	189	66	27
Fatal	27	1	1	3	2	3	9	4	3	1
Personal Injury	811	52	28	20	80	177	191	182	61	20
Property Damage	32	0	1	2	6	7	5	3	2	6
Monday										
Total	523	27	15	29	47	87	124	127	53	14
Fatal	21	1	1	2	0	3	5	6	3	0
Personal Injury	483	21	13	26	45	82	114	120	49	13
Property Damage	19	5	1	1	2	2	5	1	1	1
Tuesday										
Total	568	32	12	41	56	77	133	128	80	9
Fatal	18	0	1	1	0	5	4	4	3	0
Personal Injury	531	32	9	40	56	69	124	119	75	7
Property Damage	19	0	2	0	0	3	5	5	2	2
Wednesday										
Total	462	31	12	34	36	60	111	103	60	15
Fatal	19	2	0	2	2	3	4	3	3	0
Personal Injury	418	29	10	30	32	55	101	93	56	12
Property Damage	25	0	2	2	2	2	6	7	1	3
Thursday										
Total	522	27	14	25	44	95	127	114	59	17
Fatal	15	1	0	0	1	2	2	4	5	0
Personal Injury	478	26	12	22	41	89	117	106	52	13
Property Damage	29	0	2	3	2	4	8	4	2	4
Friday										
Total	609	31	16	33	56	104	144	121	86	18
Fatal	21	3	1	0	1	4	3	6	3	0
Personal Injury	570	28	13	31	54	95	139	113	82	15
Property Damage	18	0	2	2	1	5	2	2	1	3
Saturday										
Total	730	49	21	27	73	158	182	130	80	10
Fatal	30	4	1	2	1	8	8	2	4	0
Personal Injury	675	43	19	24	69	144	170	125	73	8
Property Damage	25	2	1	1	3	6	4	3	3	2

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	3,945	100.0	151	3,788	6
State Police	677	17.2	33	643	1
County Police	986	25.0	52	931	3
New York City Police (NYPD)	1,187	30.1	35	1,151	1
Municipal Police (non-NYC)	1,095	27.8	31	1,063	1
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	4,284	100.0	151	3,966	167
State Routes	1,147	26.8	59	1,059	29
County Routes	344	8.0	18	321	5
Town Routes	722	16.9	23	669	30
Municipal Streets	1,641	38.3	37	1,520	84
Parkways	199	4.6	7	189	3
Thruway	31	0.7	0	28	3
Other Interstates	148	3.5	7	135	6
Unknown	52	1.2	0	45	7

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,284	100.0	151	3,966	167
Single Vehicle Accidents	1,742	40.7	55	1,649	38
Two Vehicle Accidents	2,365	55.2	81	2,159	125
3 or More Vehicle Accidents	177	4.1	15	158	4

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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	3,945	100.0	151	3,788	6
Accidents With No Factor Reported	564	14.3	14	550	0
Accidents With One or More Factors Reported	3,381	85.7	137	3,238	6
Accidents With Human Factors	2,793	70.8	131	2,657	5
Aggressive Driving/Road Rage	69	1.7	1	68	0
Alcohol Involvement	140	3.5	7	133	0
Backing Unsafely	14	0.4	0	14	0
Cell Phone (hand held)	2	0.1	0	2	0
Cell Phone (hands free)	2	0.1	0	2	0
Driver Inattention/Distracted	529	13.4	11	518	0
Driver Inexperience	374	9.5	18	356	0
Drugs (Illegal)	5	0.1	0	5	0
Failure to Keep Right	77	2.0	11	66	0
Failure to Yield R.O.W.	612	15.5	36	574	2
Fatigued/Drowsy	3	0.1	0	3	0
Fell Asleep	4	0.1	0	4	0
Following Too Closely	266	6.7	5	261	0
Illness	4	0.1	1	3	0
Lost Consciousness	7	0.2	0	7	0
Other Electronic Device	3	0.1	0	3	0
Outside Car Distraction	9	0.2	0	9	0
Passenger Distraction	13	0.3	0	13	0
Passing or Lane Usage Improper	227	5.8	12	214	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	23	0.6	1	22	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	4	0.1	1	3	0
Reaction to Other Uninvolved Vehicle	181	4.6	2	179	0
Traffic Control Disregarded	110	2.8	10	100	0
Turning Improperly	202	5.1	8	194	0
Unsafe Lane Changing	148	3.8	9	139	0
Unsafe Speed	672	17.0	64	606	2
Other Human	43	1.1	3	40	0
Accidents With Vehicular Factors	240	6.1	3	236	1
Accelerator Defective	18	0.5	0	18	0
Brakes Defective	14	0.4	0	14	0
Driverless/Runaway Vehicle	3	0.1	0	3	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	8	0.2	0	8	0
Oversized Vehicle	1	<0.1	0	1	0
Steering Failure	10	0.3	0	10	0
Tire Failure/Inadequate	19	0.5	0	19	0
Tow Hitch Defective	2	0.1	0	2	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	168	4.3	3	164	1
Accidents With Environmental Factors	627	15.9	15	611	1
Animal's Action	218	5.5	5	213	0
Glare	32	0.8	0	32	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	123	3.1	1	122	0
Pavement Defective	62	1.6	0	62	0
Pavement Slippery	126	3.2	1	124	1
Shoulders Defective/Improper	9	0.2	0	9	0
Traffic Control Device Improper/Non-Working	5	0.1	0	5	0
View Obstructed/Limited	62	1.6	8	54	0
Other Environmental	12	0.3	0	12	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	4,287	100.0	160	4,000	127
Male	4,055	94.6	153	3,781	121
Under 16	14	0.3	0	14	0
16 - 17	31	0.7	1	30	0
18 - 20	315	7.3	10	297	8
21 - 24	576	13.4	27	539	10
25 - 29	636	14.8	25	593	18
30 - 34	582	13.6	16	551	15
35 - 39	495	11.5	14	466	15
40 - 44	423	9.9	15	392	16
45 - 49	372	8.7	17	343	12
50 - 54	299	7.0	11	270	18
55 - 59	162	3.8	9	148	5
60 - 64	84	2.0	5	78	1
65 - 69	37	0.9	2	34	1
70 - 74	11	0.3	0	10	1
75 - 79	6	0.1	1	5	0
80 and Over	5	0.1	0	5	0
Unknown Age	7	0.2	0	6	1
Female	232	5.4	7	219	6
Under 16	1	<0.1	0	1	0
16 - 17	2	<0.1	0	2	0
18 - 20	10	0.2	0	10	0
21 - 24	26	0.6	0	26	0
25 - 29	32	0.7	0	31	1
30 - 34	28	0.7	3	24	1
35 - 39	43	1.0	2	40	1
40 - 44	29	0.7	0	28	1
45 - 49	31	0.7	1	29	1
50 - 54	14	0.3	1	12	1
55 - 59	10	0.2	0	10	0
60 - 64	2	<0.1	0	2	0
65 - 69	4	0.1	0	4	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
Unknown Gender	0	0.0	0	0	0

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TABLE 9 Motorcyclists Killed or Injured by Age Group				
Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,354	100.0	153	4,201
Under 5	3	0.1	0	3
5 - 9	3	0.1	0	3
10 - 13	18	0.4	0	18
14 - 17	65	1.5	1	64
18 - 20	348	8.0	11	337
21 - 24	624	14.3	24	600
25 - 29	650	14.9	26	624
30 - 34	596	13.7	19	577
35 - 39	521	12.0	16	505
40 - 44	462	10.6	14	448
45 - 49	415	9.5	17	398
50 - 54	302	6.9	9	293
55 - 59	168	3.9	8	160
60 - 64	88	2.0	5	83
65 - 69	40	0.9	2	38
70 - 74	11	0.3	0	11
75 - 79	6	0.1	1	5
80 and Over	4	0.1	0	4
Unknown Age	30	0.7	0	30

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	4,469	100.0	153	957	1,356	1,661	55	287
No Helmet Used	743	16.6	20	149	266	263	8	37
Helmet Used	3,169	70.9	120	724	938	1,181	33	173
Unknown	557	12.5	13	84	152	217	14	77