

New York State Department of Motor Vehicles Summary of Motorcycle Accidents

2004

TABLE 1 Motorcycle Accidents		
	All Accidents	Police Reported
Category Totals		
Total Accidents	4,509	4,106†
Fatal Accidents	144	144
Non-Fatal Personal Injury Accidents	4,146	3,958
Reportable Property Damage Accidents	219	4†
Vehicles	7,340	6,616
Drivers Involved	6,781	6,202
Vehicle Occupants	8,442	7,796
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	85	83
Motorcycle/Bicycle Accidents	30	30
Fatalities		
Persons Killed (1)	151	151
Drivers Killed	136	136
Passengers Killed	13	13
Pedestrians Killed	2	2
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	4,890	4,680
Drivers Injured	4,177	3,988
Passengers Injured	589	571
Pedestrians Injured	88	87
Bicyclists Injured	28	28
Other	8	6
<p>† It is important to note that the data for 2004 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	4,106	100.0
Fatal (K) Accidents	144	3.5
Personal Injury Accidents		
Serious (A)	999	24.3
Moderate (B)	1,282	31.2
Minor (C)	1,581	38.5
Unknown Severity	96	2.3
Property Damage (O) Accidents	4	0.1

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	4,509	226	127	229	404	851	1,122	951	519	80
Sunday										
Total	912	66	41	20	87	201	237	172	79	9
Fatal	31	3	2	0	2	4	11	6	3	0
Personal Injury	843	61	35	19	83	187	217	160	74	7
Property Damage	38	2	4	1	2	10	9	6	2	2
Monday										
Total	482	31	12	33	36	93	118	102	51	6
Fatal	18	1	1	2	1	4	1	6	2	0
Personal Injury	442	28	11	28	34	86	110	91	48	6
Property Damage	22	2	0	3	1	3	7	5	1	0
Tuesday										
Total	492	18	9	30	35	81	120	125	61	13
Fatal	15	1	1	1	0	5	2	1	4	0
Personal Injury	443	17	7	24	32	71	111	120	54	7
Property Damage	34	0	1	5	3	5	7	4	3	6
Wednesday										
Total	510	24	9	37	48	77	122	123	61	9
Fatal	11	0	0	0	1	1	4	2	3	0
Personal Injury	480	24	8	34	45	74	116	118	56	5
Property Damage	19	0	1	3	2	2	2	3	2	4
Thursday										
Total	552	18	13	39	47	81	129	133	79	13
Fatal	20	0	1	1	0	6	3	5	4	0
Personal Injury	503	18	10	36	41	72	122	126	71	7
Property Damage	29	0	2	2	6	3	4	2	4	6
Friday										
Total	685	26	14	50	48	130	173	136	96	12
Fatal	16	2	0	0	0	4	3	7	0	0
Personal Injury	640	24	13	48	46	121	162	126	94	6
Property Damage	29	0	1	2	2	5	8	3	2	6
Saturday										
Total	876	43	29	20	103	188	223	160	92	18
Fatal	33	2	1	0	2	7	11	4	6	0
Personal Injury	795	40	24	17	94	170	209	150	81	10
Property Damage	48	1	4	3	7	11	3	6	5	8

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,106	100.0	144	3,958	4
State Police	718	17.5	25	691	2
County Police	1,107	27.0	49	1,058	0
New York City Police (NYPD)	1,106	26.9	29	1,076	1
Municipal Police (non-NYC)	1,175	28.6	41	1,133	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	4,509	100.0	144	4,146	219
State Routes	1,268	28.1	47	1,178	43
County Routes	434	9.6	16	406	12
Town Routes	727	16.1	23	675	29
Municipal Streets	1,580	35.0	38	1,438	104
Parkways	225	5.0	7	211	7
Thruway	51	1.1	0	50	1
Other Interstates	163	3.6	13	140	10
Unknown	61	1.4	0	48	13

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,509	100.0	144	4,146	219
Single Vehicle Accidents	1,926	42.7	54	1,821	51
Two Vehicle Accidents	2,392	53.0	75	2,156	161
3 or More Vehicle Accidents	191	4.2	15	169	7

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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	4,106	100.0	144	3,958	4
Accidents With No Factor Reported	511	12.4	12	499	0
Accidents With One or More Factors Reported	3,595	87.6	132	3,459	4
Accidents With Human Factors	2,984	72.7	126	2,854	4
Aggressive Driving/Road Rage	75	1.8	3	71	1
Alcohol Involvement	155	3.8	14	141	0
Backing Unsafely	17	0.4	0	17	0
Cell Phone (hand held)	3	0.1	0	3	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distracted	544	13.2	16	527	1
Driver Inexperience	358	8.7	15	343	0
Drugs (Illegal)	4	0.1	0	4	0
Failure to Keep Right	86	2.1	7	79	0
Failure to Yield R.O.W.	665	16.2	30	634	1
Fatigued/Drowsy	6	0.1	0	6	0
Fell Asleep	2	<0.1	1	1	0
Following Too Closely	296	7.2	3	292	1
Illness	8	0.2	1	7	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	0	0.0	0	0	0
Outside Car Distraction	14	0.3	0	14	0
Passenger Distraction	7	0.2	1	6	0
Passing or Lane Usage Improper	272	6.6	12	260	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	36	0.9	1	35	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	0	0.0	0	0	0
Reaction to Other Uninvolved Vehicle	237	5.8	3	234	0
Traffic Control Disregarded	114	2.8	3	111	0
Turning Improperly	185	4.5	7	178	0
Unsafe Lane Changing	163	4.0	8	155	0
Unsafe Speed	714	17.4	71	642	1
Other Human	40	1.0	1	39	0
Accidents With Vehicular Factors	214	5.2	5	208	1
Accelerator Defective	14	0.3	0	14	0
Brakes Defective	27	0.7	1	25	1
Driverless/Runaway Vehicle	2	<0.1	1	1	0
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	5	0.1	0	5	0
Oversized Vehicle	5	0.1	0	5	0
Steering Failure	14	0.3	0	14	0
Tire Failure/Inadequate	23	0.6	0	23	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	125	3.0	3	122	0
Accidents With Environmental Factors	666	16.2	12	654	0
Animal's Action	238	5.8	4	234	0
Glare	28	0.7	2	26	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	123	3.0	1	122	0
Pavement Defective	67	1.6	0	67	0
Pavement Slippery	130	3.2	2	128	0
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	3	0.1	0	3	0
View Obstructed/Limited	85	2.1	5	80	0
Other Environmental	6	0.1	0	6	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	4,491	100.0	150	4,172	169
Male	4,245	94.5	145	3,941	159
Under 16	16	0.4	1	15	0
16 - 17	40	0.9	0	40	0
18 - 20	307	6.8	17	284	6
21 - 24	559	12.4	17	531	11
25 - 29	647	14.4	17	611	19
30 - 34	591	13.2	22	547	22
35 - 39	496	11.0	20	456	20
40 - 44	472	10.5	19	439	14
45 - 49	390	8.7	15	357	18
50 - 54	323	7.2	6	288	29
55 - 59	216	4.8	7	199	10
60 - 64	105	2.3	1	100	4
65 - 69	33	0.7	1	31	1
70 - 74	25	0.6	1	24	0
75 - 79	3	0.1	0	3	0
80 and Over	3	0.1	1	2	0
Unknown Age	19	0.4	0	14	5
Female	246	5.5	5	231	10
Under 16	2	<0.1	0	2	0
16 - 17	3	0.1	0	3	0
18 - 20	10	0.2	0	10	0
21 - 24	19	0.4	2	16	1
25 - 29	19	0.4	0	16	3
30 - 34	31	0.7	0	30	1
35 - 39	37	0.8	0	37	0
40 - 44	42	0.9	0	41	1
45 - 49	38	0.8	2	34	2
50 - 54	24	0.5	0	22	2
55 - 59	11	0.2	0	11	0
60 - 64	9	0.2	1	8	0
65 - 69	1	<0.1	0	1	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	4,588	100.0	148	4,440
Under 5	3	0.1	0	3
5 - 9	7	0.2	1	6
10 - 13	21	0.5	0	21
14 - 17	70	1.5	1	69
18 - 20	345	7.5	16	329
21 - 24	610	13.3	18	592
25 - 29	672	14.6	15	657
30 - 34	619	13.5	22	597
35 - 39	518	11.3	18	500
40 - 44	529	11.5	24	505
45 - 49	418	9.1	16	402
50 - 54	338	7.4	7	331
55 - 59	225	4.9	6	219
60 - 64	110	2.4	2	108
65 - 69	35	0.8	1	34
70 - 74	24	0.5	0	24
75 - 79	4	0.1	1	3
80 and Over	3	0.1	0	3
Unknown Age	37	0.8	0	37

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	4,675	100.0	148	1,018	1,362	1,780	90	277
No Helmet Used	701	15.0	15	145	206	292	8	35
Helmet Used	3,441	73.6	122	780	1,018	1,268	66	187
Unknown	533	11.4	11	93	138	220	16	55