

New York State Department of Motor Vehicles Summary of Motorcycle Accidents

2009

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,150	4,647
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
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	63	58
Motorcycle/Bicycle Accidents	28	26
Fatalities		
Persons Killed (1)	155	155
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
Non-Fatal Injuries		
Persons Injured (1)	5,042	4,793
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.		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	4,647	100.0
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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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	5,150	231	98	296	502	995	1,372	1,003	514	139
Sunday										
Total	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
Monday										
Total	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
Tuesday										
Total	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
Wednesday										
Total	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
Thursday										
Total	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
Friday										
Total	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
Saturday										
Total	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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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,647	100.0	152	4,111	384
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

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	5,150	100.0	152	4,347	651
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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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	4,647	100.0	152	4,111	384
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
Accidents With Human Factors	3,454	74.3	136	3,018	300
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/Distracted	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
Accidents With Vehicular Factors	213	4.6	2	196	15
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
Accidents With Environmental Factors	799	17.2	11	712	76
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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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	7,878	100.0	2,789	100.0	5,089	100.0	157	4,424	508
Male	6,300	80.0	1,594	57.2	4,706	92.5	154	4,088	464
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
Female	1,273	16.2	927	33.2	346	6.8	3	316	27
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
Unknown Gender	305	3.9	268	9.6	37	0.7	0	20	17

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TABLE 9 Motorcyclists Killed or Injured by Age Group				
Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,744	100.0	151	4,593
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

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	5,115	100.0	151	1,024	1,366	1,904	57	613
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