

New York State Department of Motor Vehicles
Summary of Motorcycle Accidents

2010

TABLE 1 Motorcycle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,570	5,047
Fatal Accidents	180	180
Non-Fatal Personal Injury Accidents	4,757	4,498
Reportable Property Damage Accidents	633	369
Vehicles	9,001	8,173
Drivers Involved	8,587	7,871
<i>Motorcycle Operators</i>	5,518	5,083
<i>Non-Motorcycle Drivers</i>	3,069	2,788
Vehicle Occupants	10,509	9,693
Special Motorcycle Accident Series		
Motorcycle/Pedestrian Accidents	79	77
Motorcycle/Bicycle Accidents	28	28
Fatalities		
Persons Killed (1)	185	185
Drivers Killed	173	173
<i>Motorcycle Operators</i>	172	172
<i>Non-Motorcycle Drivers</i>	1	1
Passengers Killed	11	11
<i>Motorcycle Passengers</i>	11	11
<i>Passengers in Other Vehicles</i>	0	0
Pedestrians Killed	1	1
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,468	5,186
Drivers Injured	4,819	4,569
Passengers Injured	520	496
Pedestrians Injured	85	81
Bicyclists Injured	27	27
Other	17	13
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</small>		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	5,047	100.0
Fatal (K) Accidents	180	3.6
Personal Injury Accidents		
Serious (A)	1,115	22.1
Moderate (B)	1,451	28.7
Minor (C)	1,868	37.0
Unknown Severity	64	1.3
Property Damage (O) Accidents	369	7.3

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	5,570	239	141	318	573	1,076	1,441	1,089	569	124
Sunday										
Total	971	69	25	23	123	229	261	147	74	20
Fatal	48	12	0	1	1	8	12	8	6	0
Personal Injury	827	51	22	21	107	200	230	121	65	10
Property Damage	96	6	3	1	15	21	19	18	3	10
Monday										
Total	633	24	15	55	74	112	148	119	68	18
Fatal	19	1	0	1	1	4	3	7	2	0
Personal Injury	543	20	13	50	65	94	128	103	59	11
Property Damage	71	3	2	4	8	14	17	9	7	7
Tuesday										
Total	599	14	15	42	46	111	162	131	64	14
Fatal	16	1	1	1	1	3	4	3	2	0
Personal Injury	509	13	11	35	42	96	140	114	54	4
Property Damage	74	0	3	6	3	12	18	14	8	10
Wednesday										
Total	680	18	16	48	60	95	173	160	97	13
Fatal	16	0	1	1	0	1	4	4	5	0
Personal Injury	590	16	11	41	54	82	154	143	87	2
Property Damage	74	2	4	6	6	12	15	13	5	11
Thursday										
Total	699	18	22	55	70	117	173	145	81	18
Fatal	24	2	0	1	3	2	8	2	6	0
Personal Injury	602	15	22	48	58	104	155	125	69	6
Property Damage	73	1	0	6	9	11	10	18	6	12
Friday										
Total	855	28	18	62	83	136	226	190	93	19
Fatal	14	2	0	0	0	0	4	2	6	0
Personal Injury	722	23	15	54	74	119	197	158	74	8
Property Damage	119	3	3	8	9	17	25	30	13	11
Saturday										
Total	1,133	68	30	33	117	276	298	197	92	22
Fatal	43	7	1	1	3	10	7	8	6	0
Personal Injury	964	56	25	28	95	241	263	166	74	16
Property Damage	126	5	4	4	19	25	28	23	12	6

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,047	100.0	180	4,498	369
State Police	1,051	20.8	50	901	100
County Police	1,283	25.4	58	1,122	103
New York City Police (NYPD)	1,318	26.1	38	1,246	34
Municipal Police (non-NYC)	1,395	27.6	34	1,229	132
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	5,570	100.0	180	4,757	633
Single Vehicle Accidents	2,426	43.6	92	2,129	205
Two Vehicle Accidents	2,906	52.2	76	2,429	401
3 or More Vehicle Accidents	238	4.3	12	199	27

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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	5,047	100.0	180	4,498	369
Accidents With No Factor Reported	535	10.6	12	506	17
Accidents With One or More Factors Reported	4,512	89.4	168	3,992	352
Accidents With Human Factors	3,709	73.5	159	3,261	289
Aggressive Driving/Road Rage	95	1.9	6	81	8
Alcohol Involvement	176	3.5	18	142	16
Backing Unsafely	52	1.0	0	26	26
Cell Phone (hand held)	3	0.1	0	2	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distracted	681	13.5	15	604	62
Driver Inexperience	421	8.3	19	388	14
Drugs (Illegal)	5	0.1	0	5	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	110	2.2	14	89	7
Failure to Yield R.O.W.	841	16.7	29	748	64
Fatigued/Drowsy	10	0.2	0	9	1
Fell Asleep	7	0.1	0	6	1
Following too Closely	439	8.7	4	381	54
Illness	4	0.1	0	4	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	6	0.1	1	5	0
Other Electronic Device	1	<0.1	0	1	0
Outside Car Distraction	22	0.4	0	19	3
Passenger Distraction	12	0.2	0	12	0
Passing or Lane Usage Improper	334	6.6	15	286	33
Passing too Closely*	1	<0.1	0	0	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	36	0.7	1	35	0
Physical Disability	1	<0.1	0	0	1
Prescription Medication	2	<0.1	1	0	1
Reaction to Other Uninvolved Vehicle	346	6.9	3	326	17
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	126	2.5	6	114	6
Turning Improperly	244	4.8	7	221	16
Unsafe Lane Changing	232	4.6	9	206	17
Unsafe Speed	828	16.4	75	696	57
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	6	0.1	0	5	1
Accidents With Vehicular Factors	274	5.4	4	251	19
Accelerator Defective	20	0.4	0	17	3
Brakes Defective	31	0.6	0	29	2
Driverless/Runaway Vehicle	4	0.1	0	4	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	5	0.1	0	4	1
Oversized Vehicle	4	0.1	0	3	1
Steering Failure	14	0.3	0	12	2
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	35	0.7	1	32	2
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	161	3.2	3	149	9
Accidents With Environmental Factors	891	17.7	15	807	69
Animal's Action	335	6.6	9	296	30
Glare	37	0.7	0	35	2
Lane Marking Improper/Inadequate	5	0.1	0	5	0
Obstruction/Debris	172	3.4	0	163	9
Pavement Defective	87	1.7	1	82	4
Pavement Slippery	164	3.2	0	156	8
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	0	0.0	0	0	0
View Obstructed/Limited	112	2.2	5	91	16
Other Environmental	2	<0.1	0	2	0

* New contributing factor as of October 2010.

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	8,587	100.0	3,069	100.0	5,518	100.0	187	4,832	499
Male	6,897	80.3	1,785	58.2	5,112	92.6	182	4,473	457
Under 16	6	0.1	1	<0.1	5	0.1	0	4	1
16 - 17	68	0.8	36	1.2	32	0.6	2	28	2
18 - 20	396	4.6	117	3.8	279	5.1	12	250	17
21 - 24	826	9.6	153	5.0	673	12.2	22	599	52
25 - 29	903	10.5	191	6.2	712	12.9	32	612	68
30 - 34	672	7.8	122	4.0	550	10.0	18	489	43
35 - 39	664	7.7	161	5.2	503	9.1	24	430	49
40 - 44	763	8.9	194	6.3	569	10.3	16	509	44
45 - 49	723	8.4	185	6.0	538	9.7	18	475	45
50 - 54	610	7.1	149	4.9	461	8.4	16	392	53
55 - 59	535	6.2	147	4.8	388	7.0	14	337	37
60 - 64	347	4.0	104	3.4	243	4.4	6	210	27
65 - 69	175	2.0	71	2.3	104	1.9	1	92	11
70 - 74	85	1.0	54	1.8	31	0.6	0	26	5
75 - 79	50	0.6	39	1.3	11	0.2	1	9	1
80 and Over	53	0.6	50	1.6	3	0.1	0	2	1
Unknown Age	21	0.2	11	0.4	10	0.2	0	9	1
Female	1,351	15.7	981	32.0	370	6.7	5	342	23
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	32	0.4	31	1.0	1	<0.1	0	1	0
18 - 20	88	1.0	73	2.4	15	0.3	1	14	0
21 - 24	119	1.4	95	3.1	24	0.4	0	22	2
25 - 29	144	1.7	100	3.3	44	0.8	0	41	3
30 - 34	119	1.4	89	2.9	30	0.5	1	27	2
35 - 39	116	1.4	84	2.7	32	0.6	0	29	3
40 - 44	143	1.7	82	2.7	61	1.1	2	55	4
45 - 49	172	2.0	101	3.3	71	1.3	1	67	3
50 - 54	130	1.5	83	2.7	47	0.9	0	47	0
55 - 59	90	1.0	64	2.1	26	0.5	0	24	2
60 - 64	67	0.8	54	1.8	13	0.2	0	10	3
65 - 69	42	0.5	38	1.2	4	0.1	0	3	1
70 - 74	34	0.4	33	1.1	1	<0.1	0	1	0
75 - 79	24	0.3	24	0.8	0	0.0	0	0	0
80 and Over	28	0.3	28	0.9	0	0.0	0	0	0
Unknown Age	3	<0.1	2	0.1	1	<0.1	0	1	0
Unknown Gender	339	3.9	303	9.9	36	0.7	0	17	19

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	5,211	100.0	183	5,028
Under 5	1	<0.1	0	1
5 - 9	5	0.1	0	5
10 - 13	18	0.3	1	17
14 - 17	43	0.8	2	41
18 - 20	311	6.0	13	298
21 - 24	672	12.9	23	649
25 - 29	704	13.5	32	672
30 - 34	532	10.2	16	516
35 - 39	494	9.5	24	470
40 - 44	589	11.3	20	569
45 - 49	580	11.1	16	564
50 - 54	486	9.3	14	472
55 - 59	382	7.3	15	367
60 - 64	232	4.5	5	227
65 - 69	93	1.8	1	92
70 - 74	28	0.5	0	28
75 - 79	10	0.2	1	9
80 and Over	2	<0.1	0	2
Unknown Age	29	0.6	0	29

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,544	100.0	183	1,140	1,540	2,023	46	612
No Helmet Used	578	10.4	16	120	143	251	5	43
Helmet Used	4,434	80.0	156	935	1,260	1,581	27	475
Unknown	532	9.6	11	85	137	191	14	94