

New York State Department of Motor Vehicles Summary of Motorcycle Crashes

2013

TABLE 1 Motorcycle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	5,190	4,772
Fatal Crashes	164	164
Non-Fatal Personal Injury Crashes	4,387	4,204
Reportable Property Damage Crashes	639	404
Vehicles	8,476	7,816
Drivers Involved	8,098	7,509
<i>Motorcycle Operators</i>	5,126	4,760
<i>Non-Motorcycle Drivers</i>	2,972	2,749
Vehicle Occupants	9,854	9,222
Special Motorcycle Crash Series		
Motorcycle/Pedestrian Crashes	105	103
Motorcycle/Bicycle Crashes	36	36
Fatalities		
Persons Killed (1)	171	171
Drivers Killed	157	157
<i>Motorcycle Operators</i>	157	157
<i>Non-Motorcycle Drivers</i>	0	0
Passengers Killed	9	9
<i>Motorcycle Passengers</i>	9	9
<i>Passengers in Other Vehicles</i>	0	0
Pedestrians Killed	5	5
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,017	4,825
Drivers Injured	4,434	4,253
Passengers Injured	456	447
Pedestrians Injured	96	94
Bicyclists Injured	29	29
Other	2	2
<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 Crash		
	Number	Percent
Total	4,772	100.0
Fatal (K) Crashes	164	3.4
Personal Injury Crashes		
Serious (A)	968	20.3
Moderate (B)	1,350	28.3
Minor (C)	1,785	37.4
Unknown Severity	101	2.1
Property Damage (O) Crashes	404	8.5

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash 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 Crashes	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	5,190	199	124	342	542	1,059	1,311	1,030	489	94
Sunday										
<i>Total</i>	911	47	31	22	115	242	217	151	69	17
Fatal	43	4	6	0	6	10	7	6	4	0
Personal Injury	761	40	21	18	92	205	194	128	59	4
Property Damage	107	3	4	4	17	27	16	17	6	13
Monday										
<i>Total</i>	577	20	18	53	55	101	161	115	44	10
Fatal	12	0	1	1	2	2	1	4	1	0
Personal Injury	492	19	14	44	43	86	143	99	37	7
Property Damage	73	1	3	8	10	13	17	12	6	3
Tuesday										
<i>Total</i>	625	14	9	52	64	106	146	146	66	22
Fatal	15	1	1	0	1	4	2	3	3	0
Personal Injury	530	12	5	44	54	95	125	129	59	7
Property Damage	80	1	3	8	9	7	19	14	4	15
Wednesday										
<i>Total</i>	692	19	10	62	61	109	198	163	62	8
Fatal	21	0	0	2	4	3	5	5	2	0
Personal Injury	587	17	7	53	51	94	170	137	55	3
Property Damage	84	2	3	7	6	12	23	21	5	5
Thursday										
<i>Total</i>	635	31	18	64	52	131	161	108	61	9
Fatal	16	3	3	1	2	0	1	2	4	0
Personal Injury	536	21	13	50	47	121	142	88	52	2
Property Damage	83	7	2	13	3	10	18	18	5	7
Friday										
<i>Total</i>	770	22	22	61	73	140	184	165	93	10
Fatal	27	0	2	2	3	5	7	7	1	0
Personal Injury	660	20	17	53	59	123	155	146	83	4
Property Damage	83	2	3	6	11	12	22	12	9	6
Saturday										
<i>Total</i>	980	46	16	28	122	230	244	182	94	18
Fatal	30	0	1	1	5	5	9	5	4	0
Personal Injury	821	41	11	23	98	187	220	153	80	8
Property Damage	129	5	4	4	19	38	15	24	10	10

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,772	100.0	164	4,204	404
State Police	921	19.3	37	776	108
County Police	1,222	25.6	53	1,052	117
New York City Police (NYPD)	1,334	28.0	44	1,255	35
Municipal Police (non-NYC)	1,295	27.1	30	1,121	144
Unknown	0	0.0	0	0	0

TABLE 5 Jurisdictional Road System					
	Total Crashes		Severity Class of Crash		
	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 Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,190	100.0	164	4,387	639
Single Vehicle Crashes	2,207	42.5	66	1,921	220
Two Vehicle Crashes	2,752	53.0	80	2,277	395
3 or More Vehicle Crashes	231	4.5	18	189	24

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TABLE 7(P) Crash Contributing Factors					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	4,772	100.0	164	4,204	404
Crashes With No Factor Reported	330	6.9	10	308	12
Crashes With One or More Factors Reported	4,442	93.1	154	3,896	392
Crashes With Human Factors	3,724	78.0	149	3,250	325
Aggressive Driving/Road Rage	89	1.9	6	77	6
Alcohol Involvement	139	2.9	14	111	14
Backing Unsafely	62	1.3	0	28	34
Cell Phone (hand held)	2	<0.1	0	2	0
Cell Phone (hands free)	2	<0.1	0	2	0
Driver Inattention/Distracted	700	14.7	12	617	71
Driver Inexperience	393	8.2	17	359	17
Drugs (Illegal)	6	0.1	0	6	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	104	2.2	11	83	10
Failure to Yield R.O.W.	856	17.9	35	761	60
Fatigued/Drowsy	7	0.1	1	5	1
Fell Asleep	6	0.1	1	4	1
Following too Closely	470	9.8	3	410	57
Illness	15	0.3	1	13	1
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	8	0.2	1	7	0
Other Electronic Device	3	0.1	0	2	1
Outside Car Distraction	20	0.4	0	17	3
Passenger Distraction	22	0.5	1	18	3
Passing or Lane Usage Improper	367	7.7	19	315	33
Passing too Closely*	27	0.6	1	23	3
Pedestrian/Bicyclist/Other Ped Error/Confusion	49	1.0	2	47	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	4	0.1	1	3	0
Reaction to Other Uninvolved Vehicle	354	7.4	0	339	15
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	145	3.0	13	116	16
Turning Improperly	253	5.3	9	232	12
Unsafe Lane Changing	228	4.8	4	209	15
Unsafe Speed	771	16.2	74	637	60
Using On Board Navigation Device*	1	<0.1	0	0	1
Other Human	2	<0.1	0	2	0
Crashes With Vehicular Factors	234	4.9	4	210	20
Accelerator Defective	10	0.2	0	10	0
Brakes Defective	29	0.6	0	26	3
Driverless/Runaway Vehicle	4	0.1	0	3	1
Headlights Defective	2	<0.1	1	1	0
Other Lighting Defects	5	0.1	0	3	2
Oversized Vehicle	3	0.1	0	2	1
Steering Failure	15	0.3	0	14	1
Tinted Windows*	1	<0.1	0	1	0
Tire Failure/Inadequate	32	0.7	0	29	3
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	133	2.8	4	120	9
Crashes With Environmental Factors	805	16.9	7	722	76
Animal's Action	329	6.9	3	282	44
Glare	35	0.7	0	31	4
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	149	3.1	0	138	11
Pavement Defective	82	1.7	1	76	5
Pavement Slippery	145	3.0	1	138	6
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	3	0.1	0	3	0
View Obstructed/Limited	76	1.6	2	67	7
Other Environmental	1	<0.1	0	1	0

* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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TABLE 8 Driver Age and Gender									
	Total Drivers		Non-Motorcycle Drivers		Motorcycle Operators by Severity of Crash				
	Number	Percent	Number	Percent	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	8,098	100.0	2,972	100.0	5,126	100.0	169	4,437	520
Male	6,485	80.1	1,673	56.3	4,812	93.9	164	4,179	469
Under 16	11	0.1	1	<0.1	10	0.2	0	9	1
16 - 17	66	0.8	34	1.1	32	0.6	1	31	0
18 - 20	337	4.2	86	2.9	251	4.9	10	226	15
21 - 24	749	9.2	141	4.7	608	11.9	21	526	61
25 - 29	908	11.2	166	5.6	742	14.5	27	650	65
30 - 34	699	8.6	153	5.1	546	10.7	23	479	44
35 - 39	534	6.6	143	4.8	391	7.6	9	345	37
40 - 44	623	7.7	152	5.1	471	9.2	20	403	48
45 - 49	668	8.2	175	5.9	493	9.6	16	433	44
50 - 54	616	7.6	147	4.9	469	9.1	10	414	45
55 - 59	534	6.6	158	5.3	376	7.3	10	313	53
60 - 64	327	4.0	103	3.5	224	4.4	6	185	33
65 - 69	220	2.7	85	2.9	135	2.6	7	113	15
70 - 74	85	1.0	46	1.5	39	0.8	1	32	6
75 - 79	48	0.6	30	1.0	18	0.4	2	14	2
80 and Over	55	0.7	49	1.6	6	0.1	1	5	0
Unknown Age	5	0.1	4	0.1	1	<0.1	0	1	0
Female	1,288	15.9	1,023	34.4	265	5.2	5	240	20
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	9	0.1	9	0.3	0	0.0	0	0	0
18 - 20	60	0.7	53	1.8	7	0.1	0	7	0
21 - 24	112	1.4	92	3.1	20	0.4	1	17	2
25 - 29	141	1.7	105	3.5	36	0.7	0	32	4
30 - 34	138	1.7	103	3.5	35	0.7	1	31	3
35 - 39	91	1.1	83	2.8	8	0.2	0	8	0
40 - 44	119	1.5	79	2.7	40	0.8	0	37	3
45 - 49	145	1.8	101	3.4	44	0.9	0	43	1
50 - 54	121	1.5	75	2.5	46	0.9	1	42	3
55 - 59	101	1.2	85	2.9	16	0.3	0	14	2
60 - 64	73	0.9	63	2.1	10	0.2	1	7	2
65 - 69	62	0.8	60	2.0	2	<0.1	1	1	0
70 - 74	40	0.5	39	1.3	1	<0.1	0	1	0
75 - 79	28	0.3	28	0.9	0	0.0	0	0	0
80 and Over	45	0.6	45	1.5	0	0.0	0	0	0
Unknown Age	3	<0.1	3	0.1	0	0.0	0	0	0
Unknown Gender	325	4.0	276	9.3	49	1.0	0	18	31

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,721	100.0	166	4,555
Under 5	0	0.0	0	0
5 - 9	7	0.1	0	7
10 - 13	13	0.3	0	13
14 - 17	49	1.0	1	48
18 - 20	256	5.4	10	246
21 - 24	591	12.5	20	571
25 - 29	714	15.1	26	688
30 - 34	518	11.0	23	495
35 - 39	367	7.8	10	357
40 - 44	473	10.0	20	453
45 - 49	494	10.5	15	479
50 - 54	484	10.3	11	473
55 - 59	360	7.6	11	349
60 - 64	199	4.2	7	192
65 - 69	123	2.6	8	115
70 - 74	32	0.7	1	31
75 - 79	16	0.3	2	14
80 and Over	6	0.1	1	5
Unknown Age	19	0.4	0	19

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,180	100.0	166	997	1,399	1,914	62	642
No Helmet Used	576	11.1	17	106	150	215	10	78
Helmet Used	4,161	80.3	140	829	1,154	1,537	40	461
Unknown	443	8.6	9	62	95	162	12	103