

New York State Department of Motor Vehicles Summary of Motorcycle Crashes

2014

TABLE 1 Motorcycle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	4,750	4,357
Fatal Crashes	142	142
Non-Fatal Personal Injury Crashes	4,055	3,863
Reportable Property Damage Crashes	553	352
Vehicles	7,728	7,119
Drivers Involved	7,388	6,854
<i>Motorcycle Operators</i>	<i>4,722</i>	<i>4,382</i>
<i>Non-Motorcycle Drivers</i>	<i>2,666</i>	<i>2,472</i>
Vehicle Occupants	8,996	8,416
Special Motorcycle Crash Series		
Motorcycle/Pedestrian Crashes	65	64
Motorcycle/Bicycle Crashes	27	24
Fatalities		
Persons Killed (1)	148	148
Drivers Killed	136	136
<i>Motorcycle Operators</i>	<i>135</i>	<i>135</i>
<i>Non-Motorcycle Drivers</i>	<i>1</i>	<i>1</i>
Passengers Killed	11	11
<i>Motorcycle Passengers</i>	<i>11</i>	<i>11</i>
<i>Passengers in Other Vehicles</i>	<i>0</i>	<i>0</i>
Pedestrians Killed	1	1
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	4,633	4,434
Drivers Injured	4,105	3,923
<i>Motorcycle Operators</i>	<i>3,902</i>	<i>3,726</i>
<i>Non-Motorcycle Drivers</i>	<i>203</i>	<i>197</i>
Passengers Injured	432	419
<i>Motorcycle Passengers</i>	<i>335</i>	<i>323</i>
<i>Passengers in Other Vehicles</i>	<i>97</i>	<i>96</i>
Pedestrians Injured	68	67
Bicyclists Injured	26	23
Other	2	2
(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 Crash		
	Number	Percent
Total	4,357	100.0
Fatal (K) Crashes	142	3.3
Personal Injury Crashes		
Serious (A)	893	20.5
Moderate (B)	1,204	27.6
Minor (C)	1,682	38.6
Unknown Severity	84	1.9
Property Damage (O) Crashes	352	8.1

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	4,750	200	120	318	520	954	1,209	886	461	82
Sunday										
Total	961	55	33	27	104	250	244	171	62	15
Fatal	42	5	4	2	3	11	9	5	3	0
Personal Injury	829	45	25	23	88	222	210	155	54	7
Property Damage	90	5	4	2	13	17	25	11	5	8
Monday										
Total	594	13	24	57	63	109	148	99	70	11
Fatal	17	1	2	4	2	2	4	0	2	0
Personal Injury	506	9	22	49	50	95	126	91	61	3
Property Damage	71	3	0	4	11	12	18	8	7	8
Tuesday										
Total	567	25	16	46	54	98	153	118	47	10
Fatal	11	2	1	0	0	1	3	1	3	0
Personal Injury	475	20	8	41	47	82	130	105	40	2
Property Damage	81	3	7	5	7	15	20	12	4	8
Wednesday										
Total	459	11	10	41	55	80	119	89	49	5
Fatal	12	1	1	2	2	0	3	2	1	0
Personal Injury	385	10	7	34	47	69	99	71	47	1
Property Damage	62	0	2	5	6	11	17	16	1	4
Thursday										
Total	522	10	6	52	50	89	117	129	58	11
Fatal	7	1	0	0	1	1	0	3	1	0
Personal Injury	450	9	4	49	44	74	102	114	51	3
Property Damage	65	0	2	3	5	14	15	12	6	8
Friday										
Total	715	34	14	57	67	128	189	127	87	12
Fatal	24	3	1	0	1	7	4	6	2	0
Personal Injury	616	27	13	50	55	109	168	110	78	6
Property Damage	75	4	0	7	11	12	17	11	7	6
Saturday										
Total	932	52	17	38	127	200	239	153	88	18
Fatal	29	6	1	0	2	1	5	7	7	0
Personal Injury	794	42	12	34	108	177	214	127	72	8
Property Damage	109	4	4	4	17	22	20	19	9	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	4,357	100.0	142	3,863	352
State Police	887	20.4	25	777	85
County Police	1,043	23.9	49	902	92
New York City Police (NYPD)	1,151	26.4	37	1,083	31
Municipal Police (non-NYC)	1,276	29.3	31	1,101	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	4,750	100.0	142	4,055	553
Single Vehicle Crashes	2,012	42.4	57	1,775	180
Two Vehicle Crashes	2,546	53.6	72	2,120	354
3 or More Vehicle Crashes	192	4.0	13	160	19

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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	4,357	100.0	142	3,863	352
Crashes With No Factor Reported	276	6.3	12	257	7
Crashes With One or More Factors Reported	4,081	93.7	130	3,606	345
Crashes With Human Factors	3,445	79.1	119	3,043	283
Aggressive Driving/Road Rage	74	1.7	4	66	4
Alcohol Involvement	124	2.8	10	105	9
Backing Unsafely	43	1.0	0	18	25
Cell Phone (hand held)	5	0.1	0	4	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	672	15.4	15	590	67
Driver Inexperience	332	7.6	11	307	14
Drugs (Illegal)	4	0.1	0	4	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	98	2.2	6	90	2
Failure to Yield R.O.W.	778	17.9	29	702	47
Fatigued/Drowsy	6	0.1	0	6	0
Fell Asleep	5	0.1	0	5	0
Following too Closely	448	10.3	5	379	64
Illness	3	0.1	0	3	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	5	0.1	0	5	0
Other Electronic Device	3	0.1	0	3	0
Outside Car Distraction	16	0.4	0	15	1
Passenger Distraction	15	0.3	0	15	0
Passing or Lane Usage Improper	331	7.6	9	291	31
Passing too Closely*	30	0.7	0	27	3
Pedestrian/Bicyclist/Other Ped Error/Confusion	24	0.6	0	24	0
Physical Disability	5	0.1	0	5	0
Prescription Medication	1	<0.1	0	1	0
Reaction to Other Uninvolved Vehicle	324	7.4	2	305	17
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	136	3.1	10	114	12
Turning Improperly	268	6.2	9	243	16
Unsafe Lane Changing	212	4.9	8	186	18
Unsafe Speed	765	17.6	69	653	43
Using On Board Navigation Device*	1	<0.1	0	1	0
Other Human	1	<0.1	0	1	0
Crashes With Vehicular Factors	226	5.2	5	199	22
Accelerator Defective	15	0.3	0	14	1
Brakes Defective	24	0.6	0	20	4
Driverless/Runaway Vehicle	3	0.1	0	3	0
Headlights Defective	5	0.1	0	4	1
Other Lighting Defects	3	0.1	0	3	0
Oversized Vehicle	1	<0.1	0	1	0
Steering Failure	15	0.3	0	14	1
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	21	0.5	1	19	1
Tow Hitch Defective	1	<0.1	0	0	1
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	144	3.3	4	127	13
Crashes With Environmental Factors	734	16.8	13	656	65
Animal's Action	287	6.6	2	250	35
Glare	28	0.6	1	26	1
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	113	2.6	0	106	7
Pavement Defective	83	1.9	1	77	5
Pavement Slippery	131	3.0	4	120	7
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	4	0.1	1	3	0
View Obstructed/Limited	98	2.2	6	82	10
Other Environmental	4	0.1	0	4	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	7,388	100.0	2,666	100.0	4,722	100.0	147	4,123	452
Male	5,966	80.8	1,532	57.5	4,434	93.9	140	3,877	417
Under 16	4	0.1	0	0.0	4	0.1	0	4	0
16 - 17	44	0.6	19	0.7	25	0.5	1	22	2
18 - 20	290	3.9	85	3.2	205	4.3	10	180	15
21 - 24	699	9.5	120	4.5	579	12.3	16	504	59
25 - 29	798	10.8	159	6.0	639	13.5	20	563	56
30 - 34	627	8.5	135	5.1	492	10.4	14	443	35
35 - 39	523	7.1	124	4.7	399	8.4	18	354	27
40 - 44	534	7.2	137	5.1	397	8.4	13	354	30
45 - 49	548	7.4	136	5.1	412	8.7	12	360	40
50 - 54	618	8.4	162	6.1	456	9.7	13	400	43
55 - 59	499	6.8	142	5.3	357	7.6	10	308	39
60 - 64	336	4.5	94	3.5	242	5.1	6	200	36
65 - 69	216	2.9	78	2.9	138	2.9	3	114	21
70 - 74	107	1.4	53	2.0	54	1.1	1	46	7
75 - 79	70	0.9	45	1.7	25	0.5	3	17	5
80 and Over	47	0.6	41	1.5	6	0.1	0	5	1
Unknown Age	6	0.1	2	0.1	4	0.1	0	3	1
Female	1,138	15.4	892	33.5	246	5.2	7	222	17
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	24	0.3	24	0.9	0	0.0	0	0	0
18 - 20	64	0.9	54	2.0	10	0.2	0	9	1
21 - 24	124	1.7	101	3.8	23	0.5	0	20	3
25 - 29	92	1.2	71	2.7	21	0.4	0	21	0
30 - 34	98	1.3	76	2.9	22	0.5	2	17	3
35 - 39	93	1.3	75	2.8	18	0.4	0	18	0
40 - 44	109	1.5	77	2.9	32	0.7	0	32	0
45 - 49	113	1.5	79	3.0	34	0.7	0	31	3
50 - 54	125	1.7	85	3.2	40	0.8	3	33	4
55 - 59	100	1.4	74	2.8	26	0.6	0	24	2
60 - 64	73	1.0	56	2.1	17	0.4	2	14	1
65 - 69	43	0.6	40	1.5	3	0.1	0	3	0
70 - 74	32	0.4	32	1.2	0	0.0	0	0	0
75 - 79	16	0.2	16	0.6	0	0.0	0	0	0
80 and Over	31	0.4	31	1.2	0	0.0	0	0	0
Unknown Age	1	<0.1	1	<0.1	0	0.0	0	0	0
Unknown Gender	284	3.8	242	9.1	42	0.9	0	24	18

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,385	100.0	146	4,239
Under 5	1	<0.1	0	1
5 - 9	6	0.1	0	6
10 - 13	12	0.3	0	12
14 - 17	33	0.8	1	32
18 - 20	208	4.7	9	199
21 - 24	558	12.7	16	542
25 - 29	618	14.1	22	596
30 - 34	473	10.8	15	458
35 - 39	384	8.8	18	366
40 - 44	407	9.3	11	396
45 - 49	426	9.7	13	413
50 - 54	455	10.4	14	441
55 - 59	355	8.1	10	345
60 - 64	227	5.2	9	218
65 - 69	126	2.9	3	123
70 - 74	43	1.0	1	42
75 - 79	20	0.5	4	16
80 and Over	5	0.1	0	5
Unknown Age	28	0.6	0	28

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	4,792	100.0	146	908	1,273	1,815	53	597
No Helmet Used	476	9.9	13	86	126	193	6	52
Helmet Used	3,916	81.7	122	770	1,060	1,475	37	452
Unknown	400	8.3	11	52	87	147	10	93