

New York State Department of Motor Vehicles Summary of Motorcycle Crashes

2012

TABLE 1 Motorcycle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	5,916	5,375
Fatal Crashes	164	164
Non-Fatal Personal Injury Crashes	5,052	4,793
Reportable Property Damage Crashes	700	418
Vehicles	9,544	8,685
Drivers Involved	9,186	8,424
<i>Motorcycle Operators</i>	<i>5,851</i>	<i>5,386</i>
<i>Non-Motorcycle Drivers</i>	<i>3,335</i>	<i>3,038</i>
Vehicle Occupants	11,182	10,340
Special Motorcycle Crash Series		
Motorcycle/Pedestrian Crashes	89	87
Motorcycle/Bicycle Crashes	38	37
Fatalities		
Persons Killed (1)	173	173
Drivers Killed	155	155
<i>Motorcycle Operators</i>	<i>154</i>	<i>154</i>
<i>Non-Motorcycle Drivers</i>	<i>1</i>	<i>1</i>
Passengers Killed	11	11
<i>Motorcycle Passengers</i>	<i>10</i>	<i>10</i>
<i>Passengers in Other Vehicles</i>	<i>1</i>	<i>1</i>
Pedestrians Killed	6	6
Bicyclists Killed	1	1
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,820	5,545
Drivers Injured	5,129	4,872
Passengers Injured	562	548
Pedestrians Injured	88	86
Bicyclists Injured	31	30
Other	10	9
<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	5,375	100.0
Fatal (K) Crashes	164	3.1
Personal Injury Crashes		
Serious (A)	1,180	22.0
Moderate (B)	1,545	28.7
Minor (C)	1,982	36.9
Unknown Severity	86	1.6
Property Damage (O) Crashes	418	7.8

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.

**New York State Department of Motor Vehicles
Summary of Motorcycle Crashes**

2012

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	5,916	251	135	393	639	1,100	1,494	1,154	618	132
Sunday										
Total	1,039	57	29	36	108	272	226	202	82	27
Fatal	41	8	1	2	4	7	7	8	4	0
Personal Injury	885	43	27	28	95	235	199	176	67	15
Property Damage	113	6	1	6	9	30	20	18	11	12
Monday										
Total	695	27	10	63	73	110	187	153	61	11
Fatal	19	1	0	4	2	2	2	4	4	0
Personal Injury	590	26	10	55	57	93	163	132	50	4
Property Damage	86	0	0	4	14	15	22	17	7	7
Tuesday										
Total	652	16	5	48	80	114	158	129	86	16
Fatal	20	1	0	0	4	2	2	7	4	0
Personal Injury	569	12	4	40	71	102	144	113	76	7
Property Damage	63	3	1	8	5	10	12	9	6	9
Wednesday										
Total	759	24	19	60	80	109	216	147	86	18
Fatal	17	1	0	3	1	1	2	4	5	0
Personal Injury	651	21	13	50	71	94	189	132	73	8
Property Damage	91	2	6	7	8	14	25	11	8	10
Thursday										
Total	803	31	19	74	74	140	215	161	75	14
Fatal	19	3	1	2	2	1	3	4	3	0
Personal Injury	685	23	15	66	63	119	189	139	66	5
Property Damage	99	5	3	6	9	20	23	18	6	9
Friday										
Total	913	37	20	72	98	138	237	164	125	22
Fatal	20	5	1	0	3	1	3	6	1	0
Personal Injury	767	24	18	68	83	120	202	132	107	13
Property Damage	126	8	1	4	12	17	32	26	17	9
Saturday										
Total	1,055	59	33	40	126	217	255	198	103	24
Fatal	28	1	1	1	1	5	11	2	6	0
Personal Injury	905	50	29	34	111	184	219	180	83	15
Property Damage	122	8	3	5	14	28	25	16	14	9

**New York State Department of Motor Vehicles
Summary of Motorcycle Crashes**

2012

TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,375	100.0	164	4,793	418
State Police	1,064	19.8	36	924	104
County Police	1,387	25.8	53	1,207	127
New York City Police (NYPD)	1,368	25.5	33	1,295	40
Municipal Police (non-NYC)	1,556	28.9	42	1,367	147
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	5,916	100.0	164	5,052	700
Single Vehicle Crashes	2,564	43.3	62	2,280	222
Two Vehicle Crashes	3,125	52.8	87	2,584	454
3 or More Vehicle Crashes	227	3.8	15	188	24

**New York State Department of Motor Vehicles
Summary of Motorcycle Crashes**

2012

TABLE 7(P) Crash Contributing Factors					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	5,375	100.0	164	4,793	418
Crashes With No Factor Reported	369	6.9	9	351	9
Crashes With One or More Factors Reported	5,006	93.1	155	4,442	409
Crashes With Human Factors	4,207	78.3	151	3,714	342
Aggressive Driving/Road Rage	76	1.4	4	66	6
Alcohol Involvement	179	3.3	16	152	11
Backing Unsafely	66	1.2	1	23	42
Cell Phone (hand held)	6	0.1	0	5	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	811	15.1	14	722	75
Driver Inexperience	427	7.9	16	379	32
Drugs (Illegal)	7	0.1	1	5	1
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	114	2.1	12	95	7
Failure to Yield R.O.W.	955	17.8	34	864	57
Fatigued/Drowsy	1	<0.1	0	1	0
Fell Asleep	4	0.1	0	4	0
Following too Closely	524	9.7	8	452	64
Illness	10	0.2	0	9	1
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	12	0.2	2	10	0
Other Electronic Device	2	<0.1	0	2	0
Outside Car Distraction	27	0.5	1	24	2
Passenger Distraction	8	0.1	1	7	0
Passing or Lane Usage Improper	412	7.7	24	347	41
Passing too Closely*	18	0.3	2	16	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	52	1.0	1	51	0
Physical Disability	4	0.1	0	4	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	402	7.5	0	387	15
Texting*	1	<0.1	0	1	0
Traffic Control Disregarded	162	3.0	8	138	16
Turning Improperly	323	6.0	8	295	20
Unsafe Lane Changing	264	4.9	9	234	21
Unsafe Speed	861	16.0	78	740	43
Using On Board Navigation Device*	1	<0.1	0	1	0
Other Human	2	<0.1	0	2	0
Crashes With Vehicular Factors	301	5.6	4	277	20
Accelerator Defective	19	0.4	0	18	1
Brakes Defective	29	0.5	1	25	3
Driverless/Runaway Vehicle	7	0.1	0	7	0
Headlights Defective	4	0.1	0	4	0
Other Lighting Defects	4	0.1	0	4	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	21	0.4	0	19	2
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	37	0.7	2	35	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	178	3.3	1	163	14
Crashes With Environmental Factors	894	16.6	8	807	79
Animal's Action	391	7.3	2	351	38
Glare	38	0.7	1	35	2
Lane Marking Improper/Inadequate	3	0.1	0	2	1
Obstruction/Debris	142	2.6	0	130	12
Pavement Defective	68	1.3	0	67	1
Pavement Slippery	157	2.9	2	144	11
Shoulders Defective/Improper	6	0.1	0	4	2
Traffic Control Device Improper/Non-Working	6	0.1	0	6	0
View Obstructed/Limited	109	2.0	3	92	14
Other Environmental	1	<0.1	0	1	0

* New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

**New York State Department of Motor Vehicles
Summary of Motorcycle Crashes**

2012

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	9,186	100.0	3,335	100.0	5,851	100.0	168	5,121	562
Male	7,295	79.4	1,866	56.0	5,429	92.8	163	4,760	506
Under 16	8	0.1	0	0.0	8	0.1	0	7	1
16 - 17	63	0.7	27	0.8	36	0.6	1	32	3
18 - 20	375	4.1	97	2.9	278	4.8	10	247	21
21 - 24	909	9.9	164	4.9	745	12.7	19	659	67
25 - 29	929	10.1	177	5.3	752	12.9	30	651	71
30 - 34	749	8.2	171	5.1	578	9.9	20	515	43
35 - 39	620	6.7	149	4.5	471	8.0	17	412	42
40 - 44	688	7.5	169	5.1	519	8.9	15	468	36
45 - 49	767	8.3	194	5.8	573	9.8	13	488	72
50 - 54	744	8.1	179	5.4	565	9.7	19	486	60
55 - 59	586	6.4	153	4.6	433	7.4	8	379	46
60 - 64	399	4.3	132	4.0	267	4.6	6	233	28
65 - 69	221	2.4	93	2.8	128	2.2	2	116	10
70 - 74	125	1.4	69	2.1	56	1.0	3	49	4
75 - 79	44	0.5	33	1.0	11	0.2	0	10	1
80 and Over	61	0.7	54	1.6	7	0.1	0	7	0
Unknown Age	7	0.1	5	0.1	2	<0.1	0	1	1
Female	1,526	16.6	1,151	34.5	375	6.4	5	346	24
Under 16	2	<0.1	0	0.0	2	<0.1	0	2	0
16 - 17	28	0.3	26	0.8	2	<0.1	0	2	0
18 - 20	87	0.9	78	2.3	9	0.2	0	9	0
21 - 24	129	1.4	103	3.1	26	0.4	1	25	0
25 - 29	171	1.9	118	3.5	53	0.9	0	46	7
30 - 34	145	1.6	106	3.2	39	0.7	0	38	1
35 - 39	130	1.4	94	2.8	36	0.6	1	33	2
40 - 44	146	1.6	99	3.0	47	0.8	0	43	4
45 - 49	174	1.9	115	3.4	59	1.0	1	52	6
50 - 54	169	1.8	119	3.6	50	0.9	0	48	2
55 - 59	111	1.2	78	2.3	33	0.6	1	31	1
60 - 64	80	0.9	71	2.1	9	0.2	0	9	0
65 - 69	58	0.6	49	1.5	9	0.2	1	7	1
70 - 74	31	0.3	30	0.9	1	<0.1	0	1	0
75 - 79	20	0.2	20	0.6	0	0.0	0	0	0
80 and Over	45	0.5	45	1.3	0	0.0	0	0	0
Unknown Age	0	0.0	0	0.0	0	0.0	0	0	0
Unknown Gender	365	4.0	318	9.5	47	0.8	0	15	32

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Summary of Motorcycle Crashes**

2012

Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	5,508	100.0	164	5,344
Under 5	0	0.0	0	0
5 - 9	4	0.1	0	4
10 - 13	14	0.3	0	14
14 - 17	56	1.0	1	55
18 - 20	293	5.3	11	282
21 - 24	723	13.1	19	704
25 - 29	741	13.5	28	713
30 - 34	581	10.5	18	563
35 - 39	471	8.6	17	454
40 - 44	545	9.9	14	531
45 - 49	586	10.6	17	569
50 - 54	579	10.5	18	561
55 - 59	431	7.8	9	422
60 - 64	253	4.6	7	246
65 - 69	131	2.4	3	128
70 - 74	55	1.0	2	53
75 - 79	10	0.2	0	10
80 and Over	7	0.1	0	7
Unknown Age	28	0.5	0	28

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,893	100.0	164	1,193	1,662	2,167	53	654
No Helmet Used	629	10.7	15	116	179	231	12	76
Helmet Used	4,736	80.4	136	1004	1,367	1,710	35	484
Unknown	528	9.0	13	73	116	226	6	94