

New York State Department of Motor Vehicles Summary of Motorcycle Crashes

2011

TABLE 1 Motorcycle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	5,336	4,855
Fatal Crashes	168	168
Non-Fatal Personal Injury Crashes	4,550	4,314
Reportable Property Damage Crashes	618	373
Vehicles	8,518	7,760
Drivers Involved	8,184	7,506
<i>Motorcycle Operators</i>	5,302	4,881
<i>Non-Motorcycle Drivers</i>	2,882	2,625
Vehicle Occupants	9,873	9,137
Special Motorcycle Crash Series		
Motorcycle/Pedestrian Crashes	64	63
Motorcycle/Bicycle Crashes	27	24
Fatalities		
Persons Killed (1)	171	171
Drivers Killed	162	162
<i>Motorcycle Operators</i>	162	162
<i>Non-Motorcycle Drivers</i>	0	0
Passengers Killed	6	6
<i>Motorcycle Passengers</i>	6	6
<i>Passengers in Other Vehicles</i>	0	0
Pedestrians Killed	3	3
Bicyclists Killed	0	0
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,180	4,929
Drivers Injured	4,604	4,372
Passengers Injured	485	471
Pedestrians Injured	59	58
Bicyclists Injured	22	19
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	4,855	100.0
Fatal (K) Crashes	168	3.5
Personal Injury Crashes		
Serious (A)	1,033	21.3
Moderate (B)	1,360	28.0
Minor (C)	1,839	37.9
Unknown Severity	82	1.7
Property Damage (O) Crashes	373	7.7

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	5,336	233	128	345	577	1,016	1,382	978	558	119
Sunday										
Total	894	52	28	39	119	209	228	122	76	21
Fatal	27	1	2	2	7	5	6	2	2	0
Personal Injury	767	44	24	33	99	181	198	112	68	8
Property Damage	100	7	2	4	13	23	24	8	6	13
Monday										
Total	627	22	15	51	71	120	148	123	64	13
Fatal	23	2	0	2	2	5	2	8	2	0
Personal Injury	527	18	11	41	65	94	138	103	54	3
Property Damage	77	2	4	8	4	21	8	12	8	10
Tuesday										
Total	679	21	11	54	69	102	182	145	79	16
Fatal	17	2	0	0	2	1	6	2	4	0
Personal Injury	579	18	11	47	60	89	151	130	67	6
Property Damage	83	1	0	7	7	12	25	13	8	10
Wednesday										
Total	694	25	21	74	72	107	177	139	65	14
Fatal	23	1	2	2	3	6	3	4	2	0
Personal Injury	595	22	17	64	65	88	150	122	60	7
Property Damage	76	2	2	8	4	13	24	13	3	7
Thursday										
Total	645	21	13	52	65	111	180	117	68	18
Fatal	24	2	1	1	1	7	8	2	2	0
Personal Injury	527	17	10	42	48	92	146	108	55	9
Property Damage	94	2	2	9	16	12	26	7	11	9
Friday										
Total	785	35	17	48	74	150	202	136	104	19
Fatal	20	3	0	3	0	2	4	5	3	0
Personal Injury	676	28	14	43	69	133	176	119	90	4
Property Damage	89	4	3	2	5	15	22	12	11	15
Saturday										
Total	1,012	57	23	27	107	217	265	196	102	18
Fatal	34	3	1	1	1	7	12	6	3	0
Personal Injury	879	50	19	24	98	182	232	179	86	9
Property Damage	99	4	3	2	8	28	21	11	13	9

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	4,855	100.0	168	4,314	373
State Police	971	20.0	36	831	104
County Police	1,340	27.6	58	1,178	104
New York City Police (NYPD)	1,204	24.8	34	1,139	31
Municipal Police (non-NYC)	1,340	27.6	40	1,166	134
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	5,336	100.0	168	4,550	618
Single Vehicle Crashes	2,408	45.1	68	2,120	220
Two Vehicle Crashes	2,732	51.2	91	2,264	377
3 or More Vehicle Crashes	196	3.7	9	166	21

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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	4,855	100.0	168	4,314	373
Crashes With No Factor Reported	335	6.9	4	323	8
Crashes With One or More Factors Reported	4,520	93.1	164	3,991	365
Crashes With Human Factors	3,650	75.2	158	3,205	287
Aggressive Driving/Road Rage	85	1.8	6	73	6
Alcohol Involvement	169	3.5	16	143	10
Backing Unsafely	47	1.0	1	25	21
Cell Phone (hand held)	1	<0.1	0	0	1
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	707	14.6	20	631	56
Driver Inexperience	388	8.0	17	340	31
Drugs (Illegal)	8	0.2	1	7	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	105	2.2	12	84	9
Failure to Yield R.O.W.	811	16.7	37	728	46
Fatigued/Drowsy	5	0.1	0	4	1
Fell Asleep	5	0.1	0	4	1
Following too Closely	455	9.4	9	399	47
Illness	7	0.1	1	6	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	7	0.1	0	7	0
Other Electronic Device	4	0.1	0	4	0
Outside Car Distraction	19	0.4	1	16	2
Passenger Distraction	12	0.2	0	11	1
Passing or Lane Usage Improper	323	6.7	10	284	29
Passing too Closely*	5	0.1	0	4	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	33	0.7	1	31	1
Physical Disability	2	<0.1	0	2	0
Prescription Medication	3	0.1	0	3	0
Reaction to Other Uninvolved Vehicle	356	7.3	6	330	20
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	122	2.5	9	109	4
Turning Improperly	285	5.9	11	253	21
Unsafe Lane Changing	229	4.7	11	196	22
Unsafe Speed	799	16.5	71	685	43
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	3	0.1	1	1	1
Crashes With Vehicular Factors	264	5.4	6	238	20
Accelerator Defective	26	0.5	0	24	2
Brakes Defective	24	0.5	0	20	4
Driverless/Runaway Vehicle	3	0.1	0	2	1
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	2	<0.1	1	1	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	26	0.5	1	24	1
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	32	0.7	0	30	2
Tow Hitch Defective	2	<0.1	0	1	1
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	151	3.1	4	137	10
Crashes With Environmental Factors	956	19.7	18	852	86
Animal's Action	401	8.3	4	359	38
Glare	39	0.8	1	34	4
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	167	3.4	0	152	15
Pavement Defective	96	2.0	1	86	9
Pavement Slippery	164	3.4	4	149	11
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	4	0.1	0	2	2
View Obstructed/Limited	106	2.2	8	88	10
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	8,184	100.0	2,882	100.0	5,302	100.0	172	4,617	513
Male	6,558	80.1	1,636	56.8	4,922	92.8	163	4,285	474
Under 16	4	<0.1	0	0.0	4	0.1	0	4	0
16 - 17	55	0.7	30	1.0	25	0.5	0	22	3
18 - 20	361	4.4	99	3.4	262	4.9	4	223	35
21 - 24	782	9.6	130	4.5	652	12.3	18	563	71
25 - 29	808	9.9	155	5.4	653	12.3	28	565	60
30 - 34	697	8.5	148	5.1	549	10.4	11	492	46
35 - 39	595	7.3	133	4.6	462	8.7	22	405	35
40 - 44	669	8.2	157	5.4	512	9.7	24	443	45
45 - 49	696	8.5	167	5.8	529	10.0	20	466	43
50 - 54	665	8.1	178	6.2	487	9.2	13	422	52
55 - 59	502	6.1	128	4.4	374	7.1	7	330	37
60 - 64	329	4.0	105	3.6	224	4.2	10	189	25
65 - 69	178	2.2	70	2.4	108	2.0	3	91	14
70 - 74	97	1.2	47	1.6	50	0.9	0	44	6
75 - 79	52	0.6	35	1.2	17	0.3	0	16	1
80 and Over	55	0.7	45	1.6	10	0.2	3	6	1
Unknown Age	13	0.2	9	0.3	4	0.1	0	4	0
Female	1,320	16.1	977	33.9	343	6.5	9	314	20
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	22	0.3	19	0.7	3	0.1	0	3	0
18 - 20	83	1.0	70	2.4	13	0.2	0	13	0
21 - 24	93	1.1	72	2.5	21	0.4	1	20	0
25 - 29	125	1.5	87	3.0	38	0.7	0	35	3
30 - 34	139	1.7	96	3.3	43	0.8	0	40	3
35 - 39	111	1.4	75	2.6	36	0.7	2	31	3
40 - 44	118	1.4	82	2.8	36	0.7	0	33	3
45 - 49	146	1.8	93	3.2	53	1.0	0	51	2
50 - 54	154	1.9	98	3.4	56	1.1	3	47	6
55 - 59	110	1.3	80	2.8	30	0.6	2	28	0
60 - 64	69	0.8	61	2.1	8	0.2	1	7	0
65 - 69	61	0.7	56	1.9	5	0.1	0	5	0
70 - 74	30	0.4	29	1.0	1	<0.1	0	1	0
75 - 79	18	0.2	18	0.6	0	0.0	0	0	0
80 and Over	39	0.5	39	1.4	0	0.0	0	0	0
Unknown Age	2	<0.1	2	0.1	0	0.0	0	0	0
Unknown Gender	306	3.7	269	9.3	37	0.7	0	18	19

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Age Group	Total Motorcyclists		Motorcyclists	
	Number	Percent	Killed	Injured
Total	4,975	100.0	168	4,807
Under 5	0	0.0	0	0
5 - 9	2	<0.1	0	2
10 - 13	10	0.2	0	10
14 - 17	48	1.0	0	48
18 - 20	268	5.4	4	264
21 - 24	635	12.8	17	618
25 - 29	641	12.9	29	612
30 - 34	545	11.0	9	536
35 - 39	462	9.3	23	439
40 - 44	514	10.3	23	491
45 - 49	544	10.9	19	525
50 - 54	512	10.3	16	496
55 - 59	385	7.7	9	376
60 - 64	205	4.1	12	193
65 - 69	105	2.1	3	102
70 - 74	47	0.9	0	47
75 - 79	17	0.3	1	16
80 and Over	11	0.2	3	8
Unknown Age	24	0.5	0	24

	Total Motorcyclists		Injury Severity of Motorcyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motorcyclists	5,338	100.0	168	1,058	1,446	1,993	66	607
No Helmet Used	560	10.5	9	112	167	209	13	50
Helmet Used	4,287	80.3	150	869	1,174	1,586	37	471
Unknown	491	9.2	9	77	105	198	16	86