

New York State Department of Motor Vehicles Summary of Bicycle/Motor Vehicle Crashes

2014

TABLE 1 Bicycle/Motor Vehicle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	5,827	5,620
Fatal Crashes	47	47
Non-Fatal Personal Injury Crashes	5,722	5,530
Reportable Property Damage Crashes	58	43
Vehicles	5,980	5,773
Drivers Involved	5,698	5,500
Vehicle Occupants	7,530	7,315
Special Bicycle Crash Series		
Bicycle/Pedestrian/Motor Vehicle Crashes	11	11
Bicycle/Motorcycle Crashes	27	24
Fatalities		
Persons Killed (1)	47	47
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	47	47
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,791	5,595
Drivers Injured	92	89
Passengers Injured	43	40
Pedestrians Injured	8	8
Bicyclists Injured	5,647	5,457
Other	1	1
(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	5,620	100.0
Fatal (K) Crashes	47	0.8
Personal Injury Crashes		
Serious (A)	551	9.8
Moderate (B)	1,774	31.6
Minor (C)	2,961	52.7
Unknown Severity	244	4.3
Property Damage (O) Crashes	43	0.8

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.

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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	5,827	166	94	497	726	1,004	1,417	1,258	633	32
Sunday										
Total	714	31	19	25	97	159	152	139	87	5
Fatal	8	2	0	1	1	1	0	0	3	0
Personal Injury	695	29	19	24	94	153	150	138	84	4
Property Damage	11	0	0	0	2	5	2	1	0	1
Monday										
Total	864	17	17	74	106	148	217	182	94	9
Fatal	6	0	1	0	1	1	1	0	2	0
Personal Injury	847	17	16	74	103	144	212	181	91	9
Property Damage	11	0	0	0	2	3	4	1	1	0
Tuesday										
Total	910	17	17	104	102	143	236	204	85	2
Fatal	7	0	2	2	0	2	0	1	0	0
Personal Injury	892	17	15	100	102	139	232	201	84	2
Property Damage	11	0	0	2	0	2	4	2	1	0
Wednesday										
Total	836	22	8	89	109	127	196	195	87	3
Fatal	6	1	0	1	1	0	2	0	1	0
Personal Injury	825	20	8	88	108	126	191	195	86	3
Property Damage	5	1	0	0	0	1	3	0	0	0
Thursday										
Total	865	23	8	86	115	126	216	195	92	4
Fatal	6	2	0	1	0	0	3	0	0	0
Personal Injury	852	21	8	85	114	126	210	192	92	4
Property Damage	7	0	0	0	1	0	3	3	0	0
Friday										
Total	860	13	6	83	97	157	218	193	91	2
Fatal	8	0	0	1	2	0	1	2	2	0
Personal Injury	847	13	6	82	95	155	216	190	88	2
Property Damage	5	0	0	0	0	2	1	1	1	0
Saturday										
Total	778	43	19	36	100	144	182	150	97	7
Fatal	6	0	1	0	1	0	1	1	2	0
Personal Injury	764	42	17	36	99	143	179	147	95	6
Property Damage	8	1	1	0	0	1	2	2	0	1

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,620	100.0	47	5,530	43
State Police	99	1.8	5	91	3
County Police	684	12.2	13	669	2
New York City Police (NYPD)	3,401	60.5	21	3,377	3
Municipal Police (non-NYC)	1,436	25.6	8	1,393	35
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	5,833	100.0	53	5,722	58
Single Vehicle Crashes	5,705	97.8	47	5,603	55
Two Vehicle Crashes	109	1.9	5	101	3
3 or More Vehicle Crashes	19	0.3	1	18	0

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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	5,620	100.0	47	5,530	43
Crashes With No Factor Reported	873	15.5	3	867	3
Crashes With One or More Factors Reported	4,747	84.5	44	4,663	40
Crashes With Human Factors	4,549	80.9	43	4,467	39
Aggressive Driving/Road Rage	34	0.6	1	33	0
Alcohol Involvement	90	1.6	1	89	0
Backing Unsafely	58	1.0	0	57	1
Cell Phone (hand held)	8	0.1	0	8	0
Cell Phone (hands free)	3	0.1	0	3	0
Driver Inattention/Distraction	1,347	24.0	9	1,330	8
Driver Inexperience	106	1.9	0	106	0
Drugs (Illegal)	8	0.1	0	8	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	71	1.3	0	68	3
Failure to Yield R.O.W.	1,454	25.9	11	1,431	12
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	3	0.1	0	3	0
Following too Closely	166	3.0	0	163	3
Illness	3	0.1	0	3	0
Listening/Using Headphones*	10	0.2	0	10	0
Lost Consciousness	3	0.1	0	3	0
Other Electronic Device	7	0.1	0	7	0
Outside Car Distraction	11	0.2	0	11	0
Passenger Distraction	52	0.9	0	52	0
Passing or Lane Usage Improper	328	5.8	5	319	4
Passing too Closely*	121	2.2	0	121	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,476	26.3	19	1,437	20
Physical Disability	4	0.1	0	4	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	62	1.1	1	61	0
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	520	9.3	5	511	4
Turning Improperly	214	3.8	2	211	1
Unsafe Lane Changing	106	1.9	2	103	1
Unsafe Speed	165	2.9	4	160	1
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	2	<0.1	0	2	0
Crashes With Vehicular Factors	206	3.7	3	202	1
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	47	0.8	0	47	0
Driverless/Runaway Vehicle	6	0.1	0	6	0
Headlights Defective	9	0.2	0	9	0
Other Lighting Defects	11	0.2	0	11	0
Oversized Vehicle	15	0.3	1	14	0
Steering Failure	3	0.1	0	3	0
Tinted Windows*	3	0.1	0	3	0
Tire Failure/Inadequate	1	<0.1	0	1	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	111	2.0	2	108	1
Crashes With Environmental Factors	318	5.7	5	310	3
Animal's Action	0	0.0	0	0	0
Glare	72	1.3	4	68	0
Lane Marking Improper/Inadequate	3	0.1	0	3	0
Obstruction/Debris	12	0.2	0	12	0
Pavement Defective	8	0.1	0	8	0
Pavement Slippery	41	0.7	0	40	1
Shoulders Defective/Improper	1	<0.1	0	1	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	199	3.5	1	196	2
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		Drivers by Severity of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	5,698	100.0	53	5,587	58
Male	3,363	59.0	35	3,292	36
Under 16	1	<0.1	0	1	0
16 - 17	19	0.3	0	19	0
18 - 20	98	1.7	2	96	0
21 - 24	210	3.7	2	207	1
25 - 29	340	6.0	5	332	3
30 - 34	296	5.2	2	287	7
35 - 39	368	6.5	0	365	3
40 - 44	303	5.3	4	298	1
45 - 49	336	5.9	4	329	3
50 - 54	398	7.0	7	388	3
55 - 59	331	5.8	4	322	5
60 - 64	225	3.9	2	218	5
65 - 69	191	3.4	1	186	4
70 - 74	109	1.9	2	107	0
75 - 79	67	1.2	0	66	1
80 and Over	62	1.1	0	62	0
Unknown Age	9	0.2	0	9	0
Female	1,522	26.7	10	1,491	21
Under 16	0	0.0	0	0	0
16 - 17	8	0.1	0	8	0
18 - 20	61	1.1	1	60	0
21 - 24	111	1.9	1	107	3
25 - 29	154	2.7	4	148	2
30 - 34	168	2.9	1	166	1
35 - 39	144	2.5	0	141	3
40 - 44	149	2.6	0	149	0
45 - 49	156	2.7	0	155	1
50 - 54	142	2.5	1	137	4
55 - 59	138	2.4	0	137	1
60 - 64	97	1.7	1	94	2
65 - 69	75	1.3	1	73	1
70 - 74	49	0.9	0	48	1
75 - 79	38	0.7	0	37	1
80 and Over	30	0.5	0	29	1
Unknown Age	2	<0.1	0	2	0
Unknown Gender	813	14.3	8	804	1

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,694	100.0	47	5,647
Under 5	15	0.3	0	15
5 - 9	130	2.3	1	129
10 - 13	293	5.1	3	290
14 - 17	540	9.5	3	537
18 - 20	525	9.2	1	524
21 - 24	662	11.6	3	659
25 - 29	656	11.5	7	649
30 - 34	476	8.4	1	475
35 - 39	359	6.3	1	358
40 - 44	315	5.5	5	310
45 - 49	315	5.5	3	312
50 - 54	317	5.6	3	314
55 - 59	245	4.3	3	242
60 - 64	159	2.8	7	152
65 - 69	77	1.4	3	74
70 - 74	51	0.9	3	48
75 - 79	25	0.4	0	25
80 and Over	14	0.2	0	14
Unknown Age	520	9.1	0	520

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,683	100.0	47	542	1,780	2,985	150	179
No Helmet Used	2,353	41.4	28	249	752	1,222	43	59
Helmet Used	1,072	18.9	6	94	369	552	30	21
Unknown	2,258	39.7	13	199	659	1,211	77	99