

New York State Department of Motor Vehicles

Summary of Bicycle/Motor Vehicle Crashes

2011

TABLE 1 Bicycle/Motor Vehicle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	6,076	5,819
Fatal Crashes	57	57
Non-Fatal Personal Injury Crashes	5,995	5,738
Reportable Property Damage Crashes	24	24
Vehicles	6,209	5,951
Drivers Involved	5,936	5,694
Vehicle Occupants	8,036	7,769
Special Bicycle Crash Series		
Bicycle/Pedestrian/Motor Vehicle Crashes	5	5
Bicycle/Motorcycle Crashes	27	24
Fatalities		
Persons Killed (1)	57	57
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	57	57
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	6,019	5,758
Drivers Injured	93	91
Passengers Injured	37	37
Pedestrians Injured	5	5
Bicyclists Injured	5,883	5,624
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	5,819	100.0
Fatal (K) Crashes	57	1.0
Personal Injury Crashes		
Serious (A)	607	10.4
Moderate (B)	1,760	30.2
Minor (C)	3,057	52.5
Unknown Severity	314	5.4
Property Damage (O) Crashes	24	0.4

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	6,076	185	100	431	713	1,097	1,544	1,334	623	49
Sunday										
Total	664	42	18	19	85	139	158	129	68	6
Fatal	6	1	1	1	0	0	2	0	1	0
Personal Injury	656	40	17	18	85	138	156	129	67	6
Property Damage	2	1	0	0	0	1	0	0	0	0
Monday										
Total	885	14	13	78	103	151	246	186	86	8
Fatal	7	0	0	1	1	0	4	0	1	0
Personal Injury	876	14	13	77	101	151	241	186	85	8
Property Damage	2	0	0	0	1	0	1	0	0	0
Tuesday										
Total	886	17	13	65	103	162	244	200	79	3
Fatal	8	0	0	1	0	2	1	2	2	0
Personal Injury	873	17	13	64	102	158	241	198	77	3
Property Damage	5	0	0	0	1	2	2	0	0	0
Wednesday										
Total	939	22	13	84	105	153	225	231	99	7
Fatal	5	1	0	1	0	1	1	1	0	0
Personal Injury	929	20	13	83	105	150	223	229	99	7
Property Damage	5	1	0	0	0	2	1	1	0	0
Thursday										
Total	864	15	6	59	105	140	237	206	82	14
Fatal	12	0	1	1	1	0	2	4	3	0
Personal Injury	850	15	5	58	104	140	234	202	78	14
Property Damage	2	0	0	0	0	0	1	0	1	0
Friday										
Total	1,024	34	20	87	108	181	254	219	114	7
Fatal	13	1	1	0	1	1	2	2	5	0
Personal Injury	1,007	33	19	87	107	179	250	216	109	7
Property Damage	4	0	0	0	0	1	2	1	0	0
Saturday										
Total	814	41	17	39	104	171	180	163	95	4
Fatal	6	1	0	0	0	1	0	2	2	0
Personal Injury	804	40	17	39	103	169	178	161	93	4
Property Damage	4	0	0	0	1	1	2	0	0	0

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,819	100.0	57	5,738	24
State Police	121	2.1	3	117	1
County Police	753	12.9	18	729	6
New York City Police (NYPD)	3,402	58.5	22	3,380	0
Municipal Police (non-NYC)	1,543	26.5	14	1,512	17
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	6,076	100.0	57	5,995	24
Single Vehicle Crashes	5,971	98.3	52	5,898	21
Two Vehicle Crashes	87	1.4	2	83	2
3 or More Vehicle Crashes	18	0.3	3	14	1

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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	5,819	100.0	57	5,738	24
Crashes With No Factor Reported	1,266	21.8	12	1,253	1
Crashes With One or More Factors Reported	4,553	78.2	45	4,485	23
Crashes With Human Factors	4,318	74.2	43	4,252	23
Aggressive Driving/Road Rage	42	0.7	0	42	0
Alcohol Involvement	94	1.6	3	91	0
Backing Unsafely	59	1.0	0	58	1
Cell Phone (hand held)	10	0.2	0	9	1
Cell Phone (hands free)	3	0.1	0	3	0
Driver Inattention/Distraction	1,276	21.9	7	1,260	9
Driver Inexperience	103	1.8	2	100	1
Drugs (Illegal)	5	0.1	0	5	0
Eating or Drinking*	1	<0.1	0	1	0
Failure to Keep Right	74	1.3	0	74	0
Failure to Yield R.O.W.	1,204	20.7	7	1,187	10
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	2	<0.1	1	1	0
Following too Closely	111	1.9	0	111	0
Illness	2	<0.1	0	2	0
Listening/Using Headphones*	2	<0.1	0	2	0
Lost Consciousness	3	0.1	0	3	0
Other Electronic Device	11	0.2	0	10	1
Outside Car Distraction	22	0.4	0	22	0
Passenger Distraction	48	0.8	0	48	0
Passing or Lane Usage Improper	269	4.6	3	266	0
Passing too Closely*	4	0.1	0	4	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,688	29.0	29	1,652	7
Physical Disability	6	0.1	0	6	0
Prescription Medication	1	<0.1	0	1	0
Reaction to Other Uninvolved Vehicle	57	1.0	1	56	0
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	389	6.7	3	384	2
Turning Improperly	196	3.4	2	194	0
Unsafe Lane Changing	74	1.3	0	74	0
Unsafe Speed	133	2.3	0	132	1
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	0	0.0	0	0	0
Crashes With Vehicular Factors	208	3.6	5	203	0
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	54	0.9	0	54	0
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	14	0.2	2	12	0
Oversized Vehicle	15	0.3	0	15	0
Steering Failure	2	<0.1	0	2	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	4	0.1	0	4	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	1	0	0
Other Vehicular	117	2.0	2	115	0
Crashes With Environmental Factors	384	6.6	10	372	2
Animal's Action	0	0.0	0	0	0
Glare	68	1.2	1	67	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	27	0.5	0	27	0
Pavement Defective	8	0.1	1	7	0
Pavement Slippery	55	0.9	2	52	1
Shoulders Defective/Improper	5	0.1	0	5	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	232	4.0	6	225	1
Other Environmental	0	0.0	0	0	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	5,936	100.0	61	5,848	27
Male	3,572	60.2	41	3,522	9
Under 16	0	0.0	0	0	0
16 - 17	28	0.5	0	28	0
18 - 20	122	2.1	4	117	1
21 - 24	267	4.5	8	259	0
25 - 29	321	5.4	3	318	0
30 - 34	343	5.8	5	337	1
35 - 39	349	5.9	4	345	0
40 - 44	356	6.0	6	349	1
45 - 49	445	7.5	3	437	5
50 - 54	429	7.2	3	425	1
55 - 59	329	5.5	2	327	0
60 - 64	239	4.0	2	237	0
65 - 69	145	2.4	1	144	0
70 - 74	86	1.4	0	86	0
75 - 79	47	0.8	0	47	0
80 and Over	49	0.8	0	49	0
Unknown Age	17	0.3	0	17	0
Female	1,607	27.1	17	1,572	18
Under 16	0	0.0	0	0	0
16 - 17	14	0.2	2	12	0
18 - 20	61	1.0	1	59	1
21 - 24	133	2.2	1	129	3
25 - 29	173	2.9	4	169	0
30 - 34	157	2.6	1	154	2
35 - 39	147	2.5	1	143	3
40 - 44	187	3.2	2	184	1
45 - 49	192	3.2	1	188	3
50 - 54	149	2.5	1	146	2
55 - 59	130	2.2	2	128	0
60 - 64	99	1.7	0	98	1
65 - 69	56	0.9	0	56	0
70 - 74	31	0.5	1	29	1
75 - 79	30	0.5	0	30	0
80 and Over	43	0.7	0	42	1
Unknown Age	5	0.1	0	5	0
Unknown Gender	757	12.8	3	754	0

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,940	100.0	57	5,883
Under 5	9	0.2	0	9
5 - 9	172	2.9	2	170
10 - 13	409	6.9	0	409
14 - 17	636	10.7	4	632
18 - 20	546	9.2	2	544
21 - 24	665	11.2	7	658
25 - 29	665	11.2	6	659
30 - 34	487	8.2	6	481
35 - 39	312	5.3	5	307
40 - 44	348	5.9	1	347
45 - 49	355	6.0	4	351
50 - 54	306	5.2	9	297
55 - 59	208	3.5	1	207
60 - 64	130	2.2	3	127
65 - 69	71	1.2	2	69
70 - 74	31	0.5	2	29
75 - 79	24	0.4	0	24
80 and Over	13	0.2	0	13
Unknown Age	553	9.3	3	550

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,913	100.0	57	605	1,764	3,108	147	232
No Helmet Used	2,451	41.5	34	270	719	1,324	32	72
Helmet Used	923	15.6	4	100	325	452	13	29
Unknown	2,539	42.9	19	235	720	1,332	102	131