

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

2012

TABLE 1 Bicycle/Motor Vehicle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	6,137	5,912
Fatal Crashes	45	45
Non-Fatal Personal Injury Crashes	6,025	5,823
Reportable Property Damage Crashes	67	44
Vehicles	6,263	6,034
Drivers Involved	6,077	5,856
Vehicle Occupants	7,976	7,725
Special Bicycle Crash Series		
Bicycle/Pedestrian/Motor Vehicle Crashes	12	10
Bicycle/Motorcycle Crashes	38	37
Fatalities		
Persons Killed (1)	45	45
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	45	45
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	6,087	5,883
Drivers Injured	99	96
Passengers Injured	40	40
Pedestrians Injured	18	16
Bicyclists Injured	5,929	5,730
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	5,912	100.0
Fatal (K) Crashes	45	0.8
Personal Injury Crashes		
Serious (A)	594	10.0
Moderate (B)	1,785	30.2
Minor (C)	3,185	53.9
Unknown Severity	259	4.4
Property Damage (O) Crashes	44	0.7

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	6,137	175	101	470	754	1,079	1,520	1,324	662	52
Sunday										
Total	664	29	18	20	69	146	144	154	80	4
Fatal	10	1	0	1	1	4	0	1	2	0
Personal Injury	648	28	18	19	68	140	143	152	78	2
Property Damage	6	0	0	0	0	2	1	1	0	2
Monday										
Total	893	20	11	72	115	168	237	173	87	10
Fatal	6	0	1	3	0	1	0	1	0	0
Personal Injury	881	20	10	68	115	166	234	172	86	10
Property Damage	6	0	0	1	0	1	3	0	1	0
Tuesday										
Total	881	21	10	71	108	140	223	219	81	8
Fatal	6	0	0	2	2	0	1	1	0	0
Personal Injury	863	21	10	68	106	138	218	215	80	7
Property Damage	12	0	0	1	0	2	4	3	1	1
Wednesday										
Total	935	13	9	100	105	155	234	211	96	12
Fatal	7	0	1	1	0	0	1	3	1	0
Personal Injury	914	13	8	99	105	150	228	206	93	12
Property Damage	14	0	0	0	0	5	5	2	2	0
Thursday										
Total	963	23	15	89	110	158	244	222	97	5
Fatal	4	0	0	0	1	2	0	1	0	0
Personal Injury	949	23	15	88	107	155	242	217	97	5
Property Damage	10	0	0	1	2	1	2	4	0	0
Friday										
Total	979	29	23	89	130	152	255	179	116	6
Fatal	5	0	0	0	0	0	2	2	1	0
Personal Injury	962	28	23	89	130	150	247	174	115	6
Property Damage	12	1	0	0	0	2	6	3	0	0
Saturday										
Total	822	40	15	29	117	160	183	166	105	7
Fatal	7	1	0	1	0	3	1	0	1	0
Personal Injury	808	39	15	28	117	155	180	164	103	7
Property Damage	7	0	0	0	0	2	2	2	1	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	5,912	100.0	45	5,823	44
State Police	114	1.9	7	104	3
County Police	756	12.8	12	738	6
New York City Police (NYPD)	3,464	58.6	17	3,445	2
Municipal Police (non-NYC)	1,578	26.7	9	1,536	33
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	6,137	100.0	45	6,025	67
Single Vehicle Crashes	6,030	98.3	39	5,926	65
Two Vehicle Crashes	93	1.5	4	88	1
3 or More Vehicle Crashes	14	0.2	2	11	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	5,912	100.0	45	5,823	44
Crashes With No Factor Reported	1,136	19.2	6	1,127	3
Crashes With One or More Factors Reported	4,776	80.8	39	4,696	41
Crashes With Human Factors	4,575	77.4	38	4,499	38
Aggressive Driving/Road Rage	48	0.8	1	47	0
Alcohol Involvement	112	1.9	3	108	1
Backing Unsafely	49	0.8	0	49	0
Cell Phone (hand held)	8	0.1	0	8	0
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distraction	1,297	21.9	12	1,277	8
Driver Inexperience	98	1.7	0	96	2
Drugs (Illegal)	7	0.1	1	6	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	74	1.3	2	72	0
Failure to Yield R.O.W.	1,401	23.7	7	1,379	15
Fatigued/Drowsy	2	<0.1	1	1	0
Fell Asleep	0	0.0	0	0	0
Following too Closely	113	1.9	0	112	1
Illness	1	<0.1	0	1	0
Listening/Using Headphones*	8	0.1	1	7	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	4	0.1	0	4	0
Outside Car Distraction	17	0.3	0	17	0
Passenger Distraction	61	1.0	1	60	0
Passing or Lane Usage Improper	320	5.4	7	313	0
Passing too Closely*	51	0.9	0	51	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,726	29.2	13	1,695	18
Physical Disability	3	0.1	0	3	0
Prescription Medication	6	0.1	0	6	0
Reaction to Other Uninvolved Vehicle	50	0.8	0	49	1
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	509	8.6	5	500	4
Turning Improperly	160	2.7	1	158	1
Unsafe Lane Changing	90	1.5	2	88	0
Unsafe Speed	113	1.9	2	110	1
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	0	0.0	0	0	0
Crashes With Vehicular Factors	189	3.2	2	184	3
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	48	0.8	1	45	2
Driverless/Runaway Vehicle	4	0.1	0	4	0
Headlights Defective	5	0.1	0	5	0
Other Lighting Defects	15	0.3	0	15	0
Oversized Vehicle	14	0.2	0	14	0
Steering Failure	1	<0.1	0	1	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	4	0.1	0	4	0
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	98	1.7	1	96	1
Crashes With Environmental Factors	347	5.9	3	342	2
Animal's Action	3	0.1	0	3	0
Glare	74	1.3	0	74	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	18	0.3	0	18	0
Pavement Defective	4	0.1	0	4	0
Pavement Slippery	39	0.7	1	38	0
Shoulders Defective/Improper	3	0.1	0	3	0
Traffic Control Device Improper/Non-Working	5	0.1	0	5	0
View Obstructed/Limited	206	3.5	2	202	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	6,077	100.0	48	5,962	67
Male	3,658	60.2	30	3,592	36
Under 16	0	0.0	0	0	0
16 - 17	22	0.4	0	21	1
18 - 20	108	1.8	4	104	0
21 - 24	248	4.1	5	241	2
25 - 29	338	5.6	5	325	8
30 - 34	363	6.0	4	358	1
35 - 39	353	5.8	1	348	4
40 - 44	339	5.6	2	334	3
45 - 49	423	7.0	2	419	2
50 - 54	403	6.6	0	397	6
55 - 59	376	6.2	1	374	1
60 - 64	248	4.1	1	244	3
65 - 69	181	3.0	1	179	1
70 - 74	99	1.6	2	93	4
75 - 79	77	1.3	1	76	0
80 and Over	65	1.1	1	64	0
Unknown Age	15	0.2	0	15	0
Female	1,587	26.1	11	1,547	29
Under 16	0	0.0	0	0	0
16 - 17	13	0.2	0	12	1
18 - 20	80	1.3	0	80	0
21 - 24	114	1.9	1	111	2
25 - 29	181	3.0	4	175	2
30 - 34	159	2.6	0	157	2
35 - 39	142	2.3	0	139	3
40 - 44	158	2.6	1	156	1
45 - 49	157	2.6	2	151	4
50 - 54	144	2.4	2	140	2
55 - 59	127	2.1	0	122	5
60 - 64	103	1.7	1	98	4
65 - 69	67	1.1	0	66	1
70 - 74	57	0.9	0	56	1
75 - 79	42	0.7	0	42	0
80 and Over	41	0.7	0	40	1
Unknown Age	2	<0.1	0	2	0
Unknown Gender	832	13.7	7	823	2

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,974	100.0	45	5,929
Under 5	27	0.5	0	27
5 - 9	121	2.0	0	121
10 - 13	365	6.1	2	363
14 - 17	609	10.2	5	604
18 - 20	482	8.1	4	478
21 - 24	708	11.9	2	706
25 - 29	669	11.2	5	664
30 - 34	503	8.4	1	502
35 - 39	397	6.6	3	394
40 - 44	358	6.0	3	355
45 - 49	331	5.5	4	327
50 - 54	338	5.7	9	329
55 - 59	244	4.1	2	242
60 - 64	126	2.1	4	122
65 - 69	86	1.4	1	85
70 - 74	39	0.7	0	39
75 - 79	33	0.6	0	33
80 and Over	17	0.3	0	17
Unknown Age	521	8.7	0	521

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,976	100.0	45	585	1,793	3,210	142	201
No Helmet Used	2,500	41.8	22	273	749	1,333	40	83
Helmet Used	947	15.8	10	93	320	487	19	18
Unknown	2,529	42.3	13	219	724	1,390	83	100