

New York State Department of Motor Vehicles

Summary of Bicycle/Motor Vehicle Crashes

2013

TABLE 1 Bicycle/Motor Vehicle Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	6,328	6,097
Fatal Crashes	40	40
Non-Fatal Personal Injury Crashes	6,230	6,016
Reportable Property Damage Crashes	58	41
Vehicles	6,469	6,235
Drivers Involved	6,234	6,009
Vehicle Occupants	8,218	7,960
Special Bicycle Crash Series		
Bicycle/Pedestrian/Motor Vehicle Crashes	8	8
Bicycle/Motorcycle Crashes	36	36
Fatalities		
Persons Killed (1)	40	40
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	40	40
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	6,272	6,054
Drivers Injured	87	86
Passengers Injured	36	35
Pedestrians Injured	9	9
Bicyclists Injured	6,140	5,924
Other	0	0
(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	6,097	100.0
Fatal (K) Crashes	40	0.7
Personal Injury Crashes		
Serious (A)	623	10.2
Moderate (B)	1,845	30.3
Minor (C)	3,282	53.8
Unknown Severity	266	4.4
Property Damage (O) Crashes	41	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	6,328	215	113	458	781	1,106	1,500	1,419	697	39
Sunday										
Total	735	57	31	25	81	150	158	161	68	4
Fatal	5	1	2	0	0	0	0	2	0	0
Personal Injury	723	56	29	25	81	148	154	159	68	3
Property Damage	7	0	0	0	0	2	4	0	0	1
Monday										
Total	879	25	14	57	114	152	222	199	91	5
Fatal	8	0	0	0	1	3	1	2	1	0
Personal Injury	862	25	14	57	113	148	216	196	89	4
Property Damage	9	0	0	0	0	1	5	1	1	1
Tuesday										
Total	965	18	10	91	118	167	245	227	81	8
Fatal	5	0	0	0	1	1	0	1	2	0
Personal Injury	946	18	10	86	117	165	241	225	78	6
Property Damage	14	0	0	5	0	1	4	1	1	2
Wednesday										
Total	1,004	20	10	93	120	144	254	247	112	4
Fatal	7	0	0	3	0	0	1	2	1	0
Personal Injury	989	20	10	90	119	142	250	243	111	4
Property Damage	8	0	0	0	1	2	3	2	0	0
Thursday										
Total	937	16	12	72	105	160	223	221	122	6
Fatal	5	0	0	0	0	0	1	3	1	0
Personal Injury	925	16	12	72	105	158	218	217	121	6
Property Damage	7	0	0	0	0	2	4	1	0	0
Friday										
Total	1,014	37	18	80	136	182	238	192	124	7
Fatal	6	0	1	0	1	0	2	2	0	0
Personal Injury	1,000	37	17	80	135	182	233	189	121	6
Property Damage	8	0	0	0	0	0	3	1	3	1
Saturday										
Total	794	42	18	40	107	151	160	172	99	5
Fatal	4	0	1	0	0	2	0	0	1	0
Personal Injury	785	42	17	40	107	148	159	172	95	5
Property Damage	5	0	0	0	0	1	1	0	3	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	6,097	100.0	40	6,016	41
State Police	122	2.0	4	116	2
County Police	702	11.5	12	687	3
New York City Police (NYPD)	3,739	61.3	9	3,726	4
Municipal Police (non-NYC)	1,534	25.2	15	1,487	32
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	6,328	100.0	40	6,230	58
Single Vehicle Crashes	6,204	98.0	37	6,111	56
Two Vehicle Crashes	115	1.8	2	111	2
3 or More Vehicle Crashes	9	0.1	1	8	0

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	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	6,097	100.0	40	6,016	41
Crashes With No Factor Reported	1,099	18.0	3	1,095	1
Crashes With One or More Factors Reported	4,998	82.0	37	4,921	40
Crashes With Human Factors	4,788	78.5	36	4,714	38
Aggressive Driving/Road Rage	33	0.5	0	33	0
Alcohol Involvement	120	2.0	6	114	0
Backing Unsafely	46	0.8	0	46	0
Cell Phone (hand held)	11	0.2	0	11	0
Cell Phone (hands free)	3	<0.1	0	3	0
Driver Inattention/Distraction	1,390	22.8	8	1,378	4
Driver Inexperience	107	1.8	0	106	1
Drugs (Illegal)	4	0.1	1	3	0
Eating or Drinking*	2	<0.1	0	2	0
Failure to Keep Right	57	0.9	2	53	2
Failure to Yield R.O.W.	1,476	24.2	12	1,450	14
Fatigued/Drowsy	3	<0.1	0	3	0
Fell Asleep	4	0.1	0	4	0
Following too Closely	152	2.5	0	152	0
Illness	5	0.1	0	5	0
Listening/Using Headphones*	15	0.2	1	14	0
Lost Consciousness	4	0.1	0	4	0
Other Electronic Device	7	0.1	0	7	0
Outside Car Distraction	22	0.4	0	22	0
Passenger Distraction	60	1.0	0	60	0
Passing or Lane Usage Improper	376	6.2	3	366	7
Passing too Closely*	91	1.5	0	91	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,661	27.2	15	1,629	17
Physical Disability	4	0.1	0	4	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	63	1.0	0	63	0
Texting*	1	<0.1	0	1	0
Traffic Control Disregarded	501	8.2	5	491	5
Turning Improperly	222	3.6	1	221	0
Unsafe Lane Changing	91	1.5	1	89	1
Unsafe Speed	159	2.6	0	158	1
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	2	<0.1	0	2	0
Crashes With Vehicular Factors	239	3.9	4	231	4
Accelerator Defective	0	0.0	0	0	0
Brakes Defective	55	0.9	0	51	4
Driverless/Runaway Vehicle	0	0.0	0	0	0
Headlights Defective	7	0.1	0	7	0
Other Lighting Defects	16	0.3	2	14	0
Oversized Vehicle	12	0.2	0	12	0
Steering Failure	1	<0.1	0	1	0
Tinted Windows*	1	<0.1	0	1	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	147	2.4	2	145	0
Crashes With Environmental Factors	313	5.1	5	305	3
Animal's Action	2	<0.1	0	2	0
Glare	69	1.1	2	67	0
Lane Marking Improper/Inadequate	4	0.1	0	4	0
Obstruction/Debris	22	0.4	0	21	1
Pavement Defective	7	0.1	0	7	0
Pavement Slippery	36	0.6	0	36	0
Shoulders Defective/Improper	6	0.1	0	6	0
Traffic Control Device Improper/Non-Working	1	<0.1	0	1	0
View Obstructed/Limited	177	2.9	3	172	2
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	6,234	100.0	44	6,131	59
Male	3,722	59.7	28	3,659	35
Under 16	1	<0.1	0	1	0
16 - 17	26	0.4	0	25	1
18 - 20	125	2.0	0	124	1
21 - 24	229	3.7	3	225	1
25 - 29	354	5.7	5	346	3
30 - 34	377	6.0	1	368	8
35 - 39	327	5.2	3	323	1
40 - 44	352	5.6	2	348	2
45 - 49	441	7.1	6	431	4
50 - 54	372	6.0	2	368	2
55 - 59	389	6.2	3	380	6
60 - 64	299	4.8	1	297	1
65 - 69	182	2.9	2	179	1
70 - 74	110	1.8	0	108	2
75 - 79	69	1.1	0	67	2
80 and Over	56	0.9	0	56	0
Unknown Age	13	0.2	0	13	0
Female	1,575	25.3	16	1,536	23
Under 16	0	0.0	0	0	0
16 - 17	22	0.4	1	21	0
18 - 20	51	0.8	0	50	1
21 - 24	127	2.0	0	126	1
25 - 29	154	2.5	0	153	1
30 - 34	160	2.6	0	158	2
35 - 39	147	2.4	3	143	1
40 - 44	152	2.4	3	149	0
45 - 49	165	2.6	1	161	3
50 - 54	162	2.6	2	154	6
55 - 59	142	2.3	2	138	2
60 - 64	90	1.4	1	88	1
65 - 69	82	1.3	0	80	2
70 - 74	41	0.7	3	36	2
75 - 79	38	0.6	0	37	1
80 and Over	39	0.6	0	39	0
Unknown Age	3	<0.1	0	3	0
Unknown Gender	937	15.0	0	936	1

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	6,180	100.0	40	6,140
Under 5	10	0.2	0	10
5 - 9	146	2.4	1	145
10 - 13	335	5.4	4	331
14 - 17	572	9.3	3	569
18 - 20	521	8.4	4	517
21 - 24	749	12.1	2	747
25 - 29	747	12.1	1	746
30 - 34	545	8.8	1	544
35 - 39	390	6.3	1	389
40 - 44	327	5.3	0	327
45 - 49	364	5.9	5	359
50 - 54	355	5.7	3	352
55 - 59	272	4.4	3	269
60 - 64	169	2.7	4	165
65 - 69	80	1.3	3	77
70 - 74	41	0.7	3	38
75 - 79	20	0.3	0	20
80 and Over	22	0.4	1	21
Unknown Age	515	8.3	1	514

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	6,170	100.0	40	620	1,842	3,310	152	206
No Helmet Used	2,623	42.5	30	309	826	1,366	30	62
Helmet Used	1,110	18.0	3	112	378	560	33	24
Unknown	2,437	39.5	7	199	638	1,384	89	120