

New York State Department of Motor Vehicles

Summary of Bicycle/Motor Vehicle Accidents

2010

TABLE 1 Bicycle/Motor Vehicle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	6,276	6,025
Fatal Accidents	36	36
Non-Fatal Personal Injury Accidents	6,206	5,960
Reportable Property Damage Accidents	34	29
Vehicles	6,379	6,126
Drivers Involved	6,099	5,857
Vehicle Occupants	8,297	8,031
Special Bicycle Accident Series		
Bicycle/Pedestrian/Motor Vehicle Accidents	6	6
Bicycle/Motorcycle Accidents	28	28
Fatalities		
Persons Killed (1)	36	36
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	36	36
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	6,211	5,961
Drivers Injured	108	107
Passengers Injured	40	40
Pedestrians Injured	5	5
Bicyclists Injured	6,058	5,809
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 Accident		
	Number	Percent
Total	6,025	100.0
Fatal (K) Accidents	36	0.6
Personal Injury Accidents		
Serious (A)	665	11.0
Moderate (B)	1,831	30.4
Minor (C)	3,133	52.0
Unknown Severity	331	5.5
Property Damage (O) Accidents	29	0.5

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident 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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2010

TABLE 3 Day of Week/Time of Day										
Day of Week	Total Accidents	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	6,276	164	92	451	693	1,180	1,603	1,392	645	56
Sunday										
Total	710	31	24	28	87	144	179	141	69	7
Fatal	6	0	0	0	0	1	1	4	0	0
Personal Injury	701	31	24	28	87	142	176	137	69	7
Property Damage	3	0	0	0	0	1	2	0	0	0
Monday										
Total	910	18	10	67	84	164	239	233	86	9
Fatal	8	1	0	0	1	1	3	1	1	0
Personal Injury	893	17	10	67	83	161	233	228	85	9
Property Damage	9	0	0	0	0	2	3	4	0	0
Tuesday										
Total	909	12	15	70	96	170	251	201	88	6
Fatal	7	0	0	0	0	1	4	2	0	0
Personal Injury	898	12	15	70	96	169	245	198	88	5
Property Damage	4	0	0	0	0	0	2	1	0	1
Wednesday										
Total	977	25	6	107	120	156	241	206	110	6
Fatal	4	1	0	1	1	0	0	1	0	0
Personal Injury	967	24	6	106	119	155	238	205	108	6
Property Damage	6	0	0	0	0	1	3	0	2	0
Thursday										
Total	945	24	17	78	91	174	243	232	78	8
Fatal	2	0	0	1	0	0	0	0	1	0
Personal Injury	936	24	17	76	90	172	243	230	77	7
Property Damage	7	0	0	1	1	2	0	2	0	1
Friday										
Total	979	23	7	70	105	172	252	213	126	11
Fatal	4	0	1	1	1	1	0	0	0	0
Personal Injury	972	23	6	68	104	170	251	213	126	11
Property Damage	3	0	0	1	0	1	1	0	0	0
Saturday										
Total	846	31	13	31	110	200	198	166	88	9
Fatal	5	0	1	1	0	1	1	1	0	0
Personal Injury	839	31	12	30	110	198	197	165	87	9
Property Damage	2	0	0	0	0	1	0	0	1	0

**New York State Department of Motor Vehicles
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2010

TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,025	100.0	36	5,960	29
State Police	136	2.3	2	132	2
County Police	730	12.1	7	718	5
New York City Police (NYPD)	3,490	57.9	18	3,469	3
Municipal Police (non-NYC)	1,669	27.7	9	1,641	19
Unknown	0	0.0	0	0	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	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 Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,276	100.0	36	6,206	34
Single Vehicle Accidents	6,182	98.5	29	6,120	33
Two Vehicle Accidents	89	1.4	6	82	1
3 or More Vehicle Accidents	5	0.1	1	4	0

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	6,025	100.0	36	5,960	29
Accidents With No Factor Reported	1,746	29.0	7	1,734	5
Accidents With One or More Factors Reported	4,279	71.0	29	4,226	24
Accidents With Human Factors	4,086	67.8	27	4,036	23
Aggressive Driving/Road Rage	40	0.7	0	40	0
Alcohol Involvement	96	1.6	1	95	0
Backing Unsafely	41	0.7	0	41	0
Cell Phone (hand held)	5	0.1	0	5	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distraction	1,229	20.4	6	1,216	7
Driver Inexperience	74	1.2	1	73	0
Drugs (Illegal)	2	<0.1	0	2	0
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	79	1.3	0	77	2
Failure to Yield R.O.W.	1,179	19.6	10	1,162	7
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	1	<0.1	0	1	0
Following too Closely	65	1.1	1	64	0
Illness	4	0.1	0	4	0
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	1	<0.1	1	0	0
Other Electronic Device	6	0.1	0	6	0
Outside Car Distraction	27	0.4	0	26	1
Passenger Distraction	43	0.7	0	43	0
Passing or Lane Usage Improper	248	4.1	3	244	1
Passing too Closely*	0	0.0	0	0	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,624	27.0	11	1,605	8
Physical Disability	5	0.1	0	5	0
Prescription Medication	2	<0.1	1	1	0
Reaction to Other Uninvolved Vehicle	50	0.8	0	49	1
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	370	6.1	5	363	2
Turning Improperly	152	2.5	1	150	1
Unsafe Lane Changing	85	1.4	1	84	0
Unsafe Speed	129	2.1	2	127	0
Using On Board Navigation Device*	0	0.0	0	0	0
Other Human	6	0.1	0	6	0
Accidents With Vehicular Factors	188	3.1	1	186	1
Accelerator Defective	0	0.0	0	0	0
Brakes Defective	50	0.8	0	49	1
Driverless/Runaway Vehicle	10	0.2	0	10	0
Headlights Defective	3	<0.1	0	3	0
Other Lighting Defects	7	0.1	0	7	0
Oversized Vehicle	4	0.1	0	4	0
Steering Failure	0	0.0	0	0	0
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	1	<0.1	0	1	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	115	1.9	1	114	0
Accidents With Environmental Factors	320	5.3	2	318	0
Animal's Action	2	<0.1	0	2	0
Glare	59	1.0	1	58	0
Lane Marking Improper/Inadequate	8	0.1	0	8	0
Obstruction/Debris	19	0.3	0	19	0
Pavement Defective	7	0.1	1	6	0
Pavement Slippery	29	0.5	0	29	0
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	3	<0.1	0	3	0
View Obstructed/Limited	201	3.3	0	201	0
Other Environmental	1	<0.1	0	1	0

* New contributing factor as of October 2010.

Note: Many accidents have multiple factors reported.

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2010

TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	6,099	100.0	39	6,027	33
Male	3,694	60.6	28	3,652	14
Under 16	0	0.0	0	0	0
16 - 17	30	0.5	1	29	0
18 - 20	155	2.5	0	154	1
21 - 24	250	4.1	5	245	0
25 - 29	332	5.4	2	329	1
30 - 34	358	5.9	3	354	1
35 - 39	377	6.2	2	374	1
40 - 44	373	6.1	3	368	2
45 - 49	437	7.2	5	430	2
50 - 54	389	6.4	5	384	0
55 - 59	365	6.0	1	363	1
60 - 64	255	4.2	0	253	2
65 - 69	152	2.5	1	150	1
70 - 74	78	1.3	0	77	1
75 - 79	57	0.9	0	57	0
80 and Over	67	1.1	0	66	1
Unknown Age	19	0.3	0	19	0
Female	1,650	27.1	8	1,625	17
Under 16	0	0.0	0	0	0
16 - 17	18	0.3	1	17	0
18 - 20	81	1.3	1	80	0
21 - 24	132	2.2	1	127	4
25 - 29	168	2.8	3	164	1
30 - 34	190	3.1	0	187	3
35 - 39	150	2.5	0	148	2
40 - 44	176	2.9	0	175	1
45 - 49	180	3.0	0	180	0
50 - 54	143	2.3	0	142	1
55 - 59	128	2.1	0	126	2
60 - 64	104	1.7	0	103	1
65 - 69	62	1.0	0	60	2
70 - 74	40	0.7	0	40	0
75 - 79	41	0.7	2	39	0
80 and Over	35	0.6	0	35	0
Unknown Age	2	<0.1	0	2	0
Unknown Gender	755	12.4	3	750	2

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2010

Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	6,094	100.0	36	6,058
Under 5	19	0.3	0	19
5 - 9	163	2.7	1	162
10 - 13	442	7.3	2	440
14 - 17	693	11.4	4	689
18 - 20	586	9.6	2	584
21 - 24	650	10.7	5	645
25 - 29	714	11.7	2	712
30 - 34	443	7.3	0	443
35 - 39	340	5.6	1	339
40 - 44	378	6.2	0	378
45 - 49	369	6.1	4	365
50 - 54	305	5.0	1	304
55 - 59	233	3.8	5	228
60 - 64	127	2.1	1	126
65 - 69	71	1.2	1	70
70 - 74	43	0.7	0	43
75 - 79	27	0.4	2	25
80 and Over	21	0.3	4	17
Unknown Age	470	7.7	1	469

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	6,118	100.0	36	662	1,836	3,166	145	273
No Helmet Used	2,523	41.2	18	282	833	1,275	30	85
Helmet Used	841	13.7	4	119	281	399	15	23
Unknown	2,754	45.0	14	261	722	1,492	100	165