

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

2008

TABLE 1 Bicycle/Motor Vehicle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,646	5,449
Fatal Accidents	41	41
Non-Fatal Personal Injury Accidents	5,563	5,380
Reportable Property Damage Accidents	42	28
Vehicles	5,787	5,588
Drivers Involved	5,553	5,360
Vehicle Occupants	7,400	7,183
Special Bicycle Accident Series		
Bicycle/Pedestrian/Motor Vehicle Accidents	9	9
Bicycle/Motorcycle Accidents	29	27
Fatalities		
Persons Killed (1)	42	42
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	42	42
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,568	5,385
Drivers Injured	103	103
Passengers Injured	32	32
Pedestrians Injured	9	9
Bicyclists Injured	5,422	5,239
Other	2	2
<p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</p> <p>Note: It is important to note that the data for 2008 are comparable to the data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.</p>		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	5,449	100.0
Fatal (K) Accidents	41	0.8
Personal Injury Accidents		
Serious (A)	588	10.8
Moderate (B)	1,665	30.6
Minor (C)	2,816	51.7
Unknown Severity	311	5.7
Property Damage (O) Accidents	28	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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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	5,646	149	63	398	681	985	1,492	1,232	600	46
Sunday										
Total	600	30	15	24	78	122	151	122	54	4
Fatal	4	0	0	0	1	0	2	1	0	0
Personal Injury	592	29	15	24	77	121	147	121	54	4
Property Damage	4	1	0	0	0	1	2	0	0	0
Monday										
Total	838	13	9	63	105	137	237	192	72	10
Fatal	3	0	0	1	0	2	0	0	0	0
Personal Injury	829	13	8	62	105	134	234	191	72	10
Property Damage	6	0	1	0	0	1	3	1	0	0
Tuesday										
Total	895	11	6	83	103	141	240	215	88	8
Fatal	5	2	0	1	0	1	1	0	0	0
Personal Injury	884	9	6	82	102	138	237	214	88	8
Property Damage	6	0	0	0	1	2	2	1	0	0
Wednesday										
Total	838	22	3	62	119	143	228	166	93	2
Fatal	7	1	1	2	0	0	1	1	1	0
Personal Injury	824	20	2	59	118	142	225	165	92	1
Property Damage	7	1	0	1	1	1	2	0	0	1
Thursday										
Total	886	15	9	84	101	136	230	209	96	6
Fatal	9	0	0	0	0	0	2	4	3	0
Personal Injury	871	14	9	84	101	135	224	205	93	6
Property Damage	6	1	0	0	0	1	4	0	0	0
Friday										
Total	851	24	10	52	92	149	245	173	99	7
Fatal	3	0	0	1	0	0	0	0	2	0
Personal Injury	845	24	10	51	92	148	244	172	97	7
Property Damage	3	0	0	0	0	1	1	1	0	0
Saturday										
Total	738	34	11	30	83	157	161	155	98	9
Fatal	10	1	1	0	1	3	0	1	3	0
Personal Injury	718	33	10	28	82	153	159	152	94	7
Property Damage	10	0	0	2	0	1	2	2	1	2

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,449	100.0	41	5,380	28
State Police	102	1.9	3	97	2
County Police	884	16.2	12	869	3
New York City Police (NYPD)	2,869	52.7	21	2,845	3
Municipal Police (non-NYC)	1,594	29.3	5	1,569	20
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	5,646	100.0	41	5,563	42
Single Vehicle Accidents	5,530	97.9	37	5,454	39
Two Vehicle Accidents	102	1.8	4	96	2
3 or More Vehicle Accidents	14	0.2	0	13	1

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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	5,449	100.0	41	5,380	28
Accidents With No Factor Reported	1,636	30.0	6	1,628	2
Accidents With One or More Factors Reported	3,813	70.0	35	3,752	26
Accidents With Human Factors	3,615	66.3	35	3,555	25
Aggressive Driving/Road Rage	26	0.5	0	26	0
Alcohol Involvement	98	1.8	2	94	2
Backing Unsafely	43	0.8	0	43	0
Cell Phone (hand held)	13	0.2	0	13	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distracted	1,048	19.2	7	1,036	5
Driver Inexperience	68	1.2	0	68	0
Drugs (Illegal)	8	0.1	0	8	0
Failure to Keep Right	56	1.0	0	55	1
Failure to Yield R.O.W.	1,070	19.6	6	1,058	6
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	4	0.1	0	4	0
Following Too Closely	61	1.1	0	60	1
Illness	4	0.1	0	4	0
Lost Consciousness	1	<0.1	0	1	0
Other Electronic Device	6	0.1	1	5	0
Outside Car Distraction	13	0.2	0	13	0
Passenger Distraction	23	0.4	0	23	0
Passing or Lane Usage Improper	221	4.1	6	215	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,365	25.1	18	1,339	8
Physical Disability	5	0.1	0	5	0
Prescription Medication	1	<0.1	0	1	0
Reaction to Other Uninvolved Vehicle	41	0.8	0	41	0
Traffic Control Disregarded	328	6.0	5	318	5
Turning Improperly	121	2.2	1	119	1
Unsafe Lane Changing	57	1.0	0	57	0
Unsafe Speed	93	1.7	0	92	1
Other Human	6	0.1	0	6	0
Accidents With Vehicular Factors	144	2.6	3	141	0
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	45	0.8	1	44	0
Driverless/Runaway Vehicle	5	0.1	0	5	0
Headlights Defective	1	<0.1	0	1	0
Other Lighting Defects	13	0.2	0	13	0
Oversized Vehicle	5	0.1	1	4	0
Steering Failure	2	<0.1	0	2	0
Tire Failure/Inadequate	0	0.0	0	0	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	0	0.0	0	0	0
Other Vehicular	76	1.4	1	75	0
Accidents With Environmental Factors	327	6.0	2	323	2
Animal's Action	5	0.1	0	5	0
Glare	56	1.0	0	56	0
Lane Marking Improper/Inadequate	5	0.1	0	5	0
Obstruction/Debris	14	0.3	0	14	0
Pavement Defective	7	0.1	0	7	0
Pavement Slippery	53	1.0	0	53	0
Shoulders Defective/Improper	2	<0.1	0	2	0
Traffic Control Device Improper/Non-Working	2	<0.1	0	2	0
View Obstructed/Limited	197	3.6	2	193	2
Other Environmental	0	0.0	0	0	0

Note: Many accidents have multiple factors reported.

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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	5,553	100.0	43	5,467	43
Male	3,313	59.7	28	3,257	28
Under 16	0	0.0	0	0	0
16 - 17	31	0.6	0	31	0
18 - 20	133	2.4	1	132	0
21 - 24	238	4.3	3	232	3
25 - 29	331	6.0	5	322	4
30 - 34	338	6.1	4	330	4
35 - 39	353	6.4	3	344	6
40 - 44	382	6.9	3	377	2
45 - 49	391	7.0	2	387	2
50 - 54	328	5.9	2	326	0
55 - 59	263	4.7	1	259	3
60 - 64	195	3.5	2	192	1
65 - 69	116	2.1	1	115	0
70 - 74	90	1.6	1	87	2
75 - 79	53	1.0	0	53	0
80 and Over	57	1.0	0	57	0
Unknown Age	14	0.3	0	13	1
Female	1,570	28.3	12	1,545	13
Under 16	0	0.0	0	0	0
16 - 17	24	0.4	0	24	0
18 - 20	85	1.5	3	81	1
21 - 24	137	2.5	2	135	0
25 - 29	178	3.2	2	176	0
30 - 34	151	2.7	0	148	3
35 - 39	149	2.7	1	148	0
40 - 44	164	3.0	1	162	1
45 - 49	163	2.9	1	161	1
50 - 54	155	2.8	1	151	3
55 - 59	96	1.7	0	96	0
60 - 64	81	1.5	0	80	1
65 - 69	78	1.4	0	78	0
70 - 74	38	0.7	1	37	0
75 - 79	30	0.5	0	30	0
80 and Over	40	0.7	0	37	3
Unknown Age	1	<0.1	0	1	0
Unknown Gender	670	12.1	3	665	2

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,464	100.0	42	5,422
Under 5	23	0.4	0	23
5 - 9	161	2.9	3	158
10 - 13	491	9.0	3	488
14 - 17	735	13.5	2	733
18 - 20	451	8.3	0	451
21 - 24	553	10.1	5	548
25 - 29	594	10.9	2	592
30 - 34	370	6.8	2	368
35 - 39	320	5.9	4	316
40 - 44	336	6.1	1	335
45 - 49	344	6.3	5	339
50 - 54	266	4.9	4	262
55 - 59	199	3.6	2	197
60 - 64	95	1.7	2	93
65 - 69	63	1.2	0	63
70 - 74	42	0.8	2	40
75 - 79	27	0.5	4	23
80 and Over	14	0.3	0	14
Unknown Age	380	7.0	1	379

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,546	100.0	42	579	1,674	2,862	124	265
No Helmet Used	2,218	40.0	24	265	696	1,125	31	77
Helmet Used	692	12.5	4	68	256	324	13	27
Unknown	2,636	47.5	14	246	722	1,413	80	161