

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

2003

TABLE 1 Bicycle/Motor Vehicle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,689	5,530†
Fatal Accidents	38	38
Non-Fatal Personal Injury Accidents	5,627	5,492
Reportable Property Damage Accidents	24	0†
Vehicles	5,781	5,615
Drivers Involved	4,742	4,637
Vehicle Occupants	6,824	6,708
Special Bicycle Accident Series		
Bicycle/Pedestrian/Motor Vehicle Accidents	6	6
Bicycle/Motorcycle Accidents	21	20
Fatalities		
Persons Killed (1)	38	38
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	0	0
Bicyclists Killed	38	38
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,756	5,618
Drivers Injured	100	96
Passengers Injured	67	67
Pedestrians Injured	6	6
Bicyclists Injured	5,581	5,447
Other	2	2
† It is important to note that the data for 2003 are not strictly comparable to the data for 2001 and 2002. Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.		
(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	5,530	100.0
Fatal (K) Accidents	38	0.7
Personal Injury Accidents		
Serious (A)	596	10.8
Moderate (B)	1,747	31.6
Minor (C)	2,901	52.5
Unknown Severity	248	4.5
Property Damage (O) Accidents	0	0.0

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
	5,689	166	56	350	553	938	1,562	1,294	622	148
Sunday										
Total	641	33	6	13	59	122	158	159	73	18
Fatal	4	0	0	0	1	0	0	1	2	0
Personal Injury	635	33	6	13	58	122	158	158	71	16
Property Damage	2	0	0	0	0	0	0	0	0	2
Monday										
Total	860	23	10	61	82	134	260	184	81	25
Fatal	5	0	0	1	0	2	0	1	1	0
Personal Injury	849	23	10	59	82	131	258	181	80	25
Property Damage	6	0	0	1	0	1	2	2	0	0
Tuesday										
Total	833	18	5	59	73	135	235	195	88	25
Fatal	10	0	0	1	0	2	2	3	2	0
Personal Injury	822	18	5	58	73	133	232	192	86	25
Property Damage	1	0	0	0	0	0	1	0	0	0
Wednesday										
Total	837	18	6	66	96	133	227	196	79	16
Fatal	7	3	0	0	1	1	0	0	1	1
Personal Injury	825	15	5	66	95	131	225	196	77	15
Property Damage	5	0	1	0	0	1	2	0	1	0
Thursday										
Total	875	14	6	68	78	147	251	195	90	26
Fatal	2	0	0	0	0	0	0	0	2	0
Personal Injury	870	14	6	67	78	147	250	194	88	26
Property Damage	3	0	0	1	0	0	1	1	0	0
Friday										
Total	873	27	8	61	76	131	264	188	96	22
Fatal	4	0	1	1	0	0	1	1	0	0
Personal Injury	866	27	7	60	76	131	263	186	95	21
Property Damage	3	0	0	0	0	0	0	1	1	1
Saturday										
Total	770	33	15	22	89	136	167	177	115	16
Fatal	6	0	0	0	1	0	1	2	2	0
Personal Injury	760	33	15	22	87	136	165	174	113	15
Property Damage	4	0	0	0	1	0	1	1	0	1

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,530	100.0	38	5,492	0
State Police	132	2.4	1	131	0
County Police	902	16.3	7	895	0
New York City Police (NYPD)	2,929	53.0	16	2,913	0
Municipal Police (non-NYC)	1,567	28.3	14	1,553	0
Other	0	0.0	0	0	0
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	5,689	100.0	38	5,627	24
State Routes	644	11.3	10	630	4
County Routes	183	3.2	3	177	3
Town Routes	695	12.2	3	692	0
Municipal Streets	4,093	71.9	21	4,056	16
Parkways	18	0.3	0	18	0
Thruway	0	0.0	0	0	0
Other Interstates	9	0.2	1	8	0
Unknown	47	0.8	0	46	1

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,689	100.0	38	5,627	24
Single Vehicle Accidents	5,605	98.5	37	5,546	22
Two Vehicle Accidents	74	1.3	1	72	1
3 or More Vehicle Accidents	10	0.2	0	9	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	5,530	100.0	38	5,492	0
Accidents With No Factor Reported	1,577	28.5	7	1,570	0
Accidents With One or More Factors Reported	3,953	71.5	31	3,922	0
Accidents With Human Factors	3,747	67.8	29	3,718	0
Aggressive Driving/Road Rage	34	0.6	1	33	0
Alcohol Involvement	94	1.7	4	90	0
Backing Unsafely	43	0.8	0	43	0
Cell Phone (hand held)	5	0.1	0	5	0
Cell Phone (hands free)	1	<0.1	0	1	0
Driver Inattention/Distracted	1,032	18.7	3	1,029	0
Driver Inexperience	72	1.3	0	72	0
Drugs (Illegal)	3	0.1	0	3	0
Failure to Keep Right	65	1.2	3	62	0
Failure to Yield R.O.W.	1,023	18.5	2	1,021	0
Fatigued/Drowsy	2	<0.1	0	2	0
Fell Asleep	3	0.1	0	3	0
Following Too Closely	57	1.0	0	57	0
Illness	1	<0.1	0	1	0
Lost Consciousness	2	<0.1	0	2	0
Other Electronic Device	5	0.1	0	5	0
Outside Car Distraction	9	0.2	0	9	0
Passenger Distraction	26	0.5	0	26	0
Passing or Lane Usage Improper	192	3.5	1	191	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,535	27.8	17	1,518	0
Physical Disability	2	<0.1	0	2	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	35	0.6	0	35	0
Traffic Control Disregarded	406	7.3	2	404	0
Turning Improperly	109	2.0	1	108	0
Unsafe Lane Changing	52	0.9	1	51	0
Unsafe Speed	94	1.7	2	92	0
Other Human	43	0.8	0	43	0
Accidents With Vehicular Factors	181	3.3	2	179	0
Accelerator Defective	2	<0.1	0	2	0
Brakes Defective	43	0.8	0	43	0
Driverless/Runaway Vehicle	0	0.0	0	0	0
Headlights Defective	0	0.0	0	0	0
Other Lighting Defects	12	0.2	0	12	0
Oversized Vehicle	7	0.1	1	6	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	1	<0.1	0	1	0
Other Vehicular	115	2.1	1	114	0
Accidents With Environmental Factors	331	6.0	2	329	0
Animal's Action	1	<0.1	0	1	0
Glare	67	1.2	0	67	0
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	20	0.4	1	19	0
Pavement Defective	2	<0.1	0	2	0
Pavement Slippery	59	1.1	0	59	0
Shoulders Defective/Improper	5	0.1	2	3	0
Traffic Control Device Improper/Non-Working	3	0.1	0	3	0
View Obstructed/Limited	182	3.3	1	181	0
Other Environmental	3	0.1	1	2	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	4,742	100.0	35	4,683	24
Male	3,199	67.5	28	3,158	13
Under 16	1	<0.1	0	1	0
16 - 17	42	0.9	1	41	0
18 - 20	149	3.1	2	145	2
21 - 24	241	5.1	1	240	0
25 - 29	276	5.8	2	274	0
30 - 34	332	7.0	3	329	0
35 - 39	382	8.1	1	379	2
40 - 44	428	9.0	5	422	1
45 - 49	374	7.9	2	370	2
50 - 54	277	5.8	2	274	1
55 - 59	227	4.8	1	225	1
60 - 64	157	3.3	4	151	2
65 - 69	109	2.3	1	108	0
70 - 74	89	1.9	1	86	2
75 - 79	46	1.0	2	44	0
80 and Over	54	1.1	0	54	0
Unknown Age	15	0.3	0	15	0
Female	1,542	32.5	7	1,524	11
Under 16	0	0.0	0	0	0
16 - 17	40	0.8	0	40	0
18 - 20	95	2.0	0	95	0
21 - 24	129	2.7	2	126	1
25 - 29	175	3.7	1	174	0
30 - 34	178	3.8	0	175	3
35 - 39	191	4.0	2	188	1
40 - 44	173	3.6	1	171	1
45 - 49	144	3.0	1	143	0
50 - 54	110	2.3	0	109	1
55 - 59	85	1.8	0	85	0
60 - 64	77	1.6	0	76	1
65 - 69	51	1.1	0	51	0
70 - 74	32	0.7	0	31	1
75 - 79	36	0.8	0	35	1
80 and Over	21	0.4	0	20	1
Unknown Age	5	0.1	0	5	0
Unknown Gender	1	<0.1	0	1	0

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,619	100.0	38	5,581
Under 5	23	0.4	0	23
5 - 9	353	6.3	2	351
10 - 13	784	14.0	3	781
14 - 17	873	15.5	3	870
18 - 20	481	8.6	1	480
21 - 24	432	7.7	2	430
25 - 29	454	8.1	2	452
30 - 34	322	5.7	1	321
35 - 39	357	6.4	1	356
40 - 44	381	6.8	5	376
45 - 49	322	5.7	5	317
50 - 54	184	3.3	2	182
55 - 59	109	1.9	1	108
60 - 64	71	1.3	2	69
65 - 69	41	0.7	3	38
70 - 74	23	0.4	1	22
75 - 79	23	0.4	2	21
80 and Over	12	0.2	0	12
Unknown Age	374	6.7	2	372

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,647	100.0	38	600	1,753	2,956	138	162
No Helmet Used	2,688	47.6	20	298	872	1,369	57	72
Helmet Used	360	6.4	2	43	133	165	8	9
Unknown	2,599	46.0	16	259	748	1,422	73	81