

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

2004

TABLE 1 Bicycle/Motor Vehicle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	5,801	5,612†
Fatal Accidents	42	42
Non-Fatal Personal Injury Accidents	5,738	5,570
Reportable Property Damage Accidents	21	0†
Vehicles	5,897	5,702
Drivers Involved	4,872	4,744
Vehicle Occupants	6,981	6,824
Special Bicycle Accident Series		
Bicycle/Pedestrian/Motor Vehicle Accidents	9	9
Bicycle/Motorcycle Accidents	30	30
Fatalities		
Persons Killed (1)	42	42
Drivers Killed	0	0
Passengers Killed	0	0
Pedestrians Killed	1	1
Bicyclists Killed	41	41
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	5,872	5,701
Drivers Injured	122	116
Passengers Injured	53	52
Pedestrians Injured	7	7
Bicyclists Injured	5,690	5,526
Other	0	0
<p>† It is important to note that the data for 2004 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.</p> <p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position</p>		

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	5,612	100.0
Fatal (K) Accidents	42	0.7
Personal Injury Accidents		
Serious (A)	625	11.1
Moderate (B)	1,740	31.0
Minor (C)	2,965	52.8
Unknown Severity	240	4.3
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
	5,801	136	62	372	566	1,045	1,632	1,345	599	44
Sunday										
Total	667	28	10	19	66	141	158	174	66	5
Fatal	5	0	0	0	0	1	1	1	2	0
Personal Injury	660	28	10	19	66	140	157	171	64	5
Property Damage	2	0	0	0	0	0	0	2	0	0
Monday										
Total	796	11	5	65	85	129	232	185	78	6
Fatal	3	0	0	0	1	1	0	1	0	0
Personal Injury	790	11	5	64	84	127	232	184	78	5
Property Damage	3	0	0	1	0	1	0	0	0	1
Tuesday										
Total	838	13	8	70	86	150	244	189	73	5
Fatal	9	1	0	2	0	1	0	2	3	0
Personal Injury	828	12	8	68	86	149	243	187	70	5
Property Damage	1	0	0	0	0	0	1	0	0	0
Wednesday										
Total	821	19	7	55	70	137	250	197	82	4
Fatal	6	0	1	0	0	2	1	1	1	0
Personal Injury	810	19	6	53	70	134	249	195	80	4
Property Damage	5	0	0	2	0	1	0	1	1	0
Thursday										
Total	955	19	13	70	94	152	291	216	88	12
Fatal	6	0	0	0	1	2	2	1	0	0
Personal Injury	948	19	13	70	93	150	289	215	88	11
Property Damage	1	0	0	0	0	0	0	0	0	1
Friday										
Total	959	15	8	52	75	175	275	239	114	6
Fatal	7	0	0	1	1	2	1	2	0	0
Personal Injury	948	15	8	50	74	173	273	237	113	5
Property Damage	4	0	0	1	0	0	1	0	1	1
Saturday										
Total	765	31	11	41	90	161	182	145	98	6
Fatal	6	4	0	0	1	0	1	0	0	0
Personal Injury	754	27	10	40	88	161	180	144	98	6
Property Damage	5	0	1	1	1	0	1	1	0	0

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,612	100.0	42	5,570	0
State Police	127	2.3	4	123	0
County Police	881	15.7	11	870	0
New York City Police (NYPD)	2,956	52.7	15	2,941	0
Municipal Police (non-NYC)	1,646	29.3	12	1,634	0
Other	0	0.0	0	0	0
Unknown	2	<0.1	0	2	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,801	100.0	42	5,738	21
State Routes	674	11.6	13	659	2
County Routes	200	3.4	2	198	0
Town Routes	633	10.9	6	625	2
Municipal Streets	4,224	72.8	19	4,190	15
Parkways	21	0.4	1	20	0
Thruway	1	<0.1	0	1	0
Other Interstates	18	0.3	1	15	2
Unknown	30	0.5	0	30	0

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	5,801	100.0	42	5,738	21
Single Vehicle Accidents	5,708	98.4	39	5,648	21
Two Vehicle Accidents	85	1.5	3	82	0
3 or More Vehicle Accidents	8	0.1	0	8	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	5,612	100.0	42	5,570	0
Accidents With No Factor Reported	1,486	26.5	5	1,481	0
Accidents With One or More Factors Reported	4,126	73.5	37	4,089	0
Accidents With Human Factors	3,929	70.0	35	3,894	0
Aggressive Driving/Road Rage	44	0.8	0	44	0
Alcohol Involvement	105	1.9	3	102	0
Backing Unsafely	40	0.7	0	40	0
Cell Phone (hand held)	6	0.1	0	6	0
Cell Phone (hands free)	0	0.0	0	0	0
Driver Inattention/Distracted	1,056	18.8	7	1,049	0
Driver Inexperience	88	1.6	2	86	0
Drugs (Illegal)	7	0.1	1	6	0
Failure to Keep Right	80	1.4	1	79	0
Failure to Yield R.O.W.	1,020	18.2	6	1,014	0
Fatigued/Drowsy	7	0.1	0	7	0
Fell Asleep	7	0.1	0	7	0
Following Too Closely	36	0.6	0	36	0
Illness	2	<0.1	0	2	0
Lost Consciousness	2	<0.1	0	2	0
Other Electronic Device	9	0.2	1	8	0
Outside Car Distraction	22	0.4	0	22	0
Passenger Distraction	22	0.4	0	22	0
Passing or Lane Usage Improper	185	3.3	3	182	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	1,783	31.8	19	1,764	0
Physical Disability	5	0.1	0	5	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle	33	0.6	1	32	0
Traffic Control Disregarded	365	6.5	4	361	0
Turning Improperly	106	1.9	0	106	0
Unsafe Lane Changing	56	1.0	1	55	0
Unsafe Speed	86	1.5	3	83	0
Other Human	27	0.5	0	27	0
Accidents With Vehicular Factors	183	3.3	1	182	0
Accelerator Defective	0	0.0	0	0	0
Brakes Defective	57	1.0	0	57	0
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	2	<0.1	0	2	0
Other Lighting Defects	7	0.1	1	6	0
Oversized Vehicle	7	0.1	0	7	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	107	1.9	0	107	0
Accidents With Environmental Factors	345	6.1	4	341	0
Animal's Action	3	0.1	0	3	0
Glare	56	1.0	1	55	0
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	23	0.4	0	23	0
Pavement Defective	5	0.1	0	5	0
Pavement Slippery	54	1.0	0	54	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	211	3.8	3	208	0
Other Environmental	2	<0.1	0	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	4,872	100.0	43	4,809	20
Male	3,257	66.9	34	3,215	8
Under 16	1	<0.1	0	1	0
16 - 17	44	0.9	0	44	0
18 - 20	157	3.2	3	154	0
21 - 24	238	4.9	6	231	1
25 - 29	326	6.7	5	320	1
30 - 34	330	6.8	2	328	0
35 - 39	382	7.8	3	378	1
40 - 44	424	8.7	7	417	0
45 - 49	349	7.2	5	343	1
50 - 54	316	6.5	1	314	1
55 - 59	238	4.9	0	238	0
60 - 64	156	3.2	0	154	2
65 - 69	96	2.0	0	96	0
70 - 74	69	1.4	1	68	0
75 - 79	67	1.4	1	65	1
80 and Over	47	1.0	0	47	0
Unknown Age	17	0.3	0	17	0
Female	1,614	33.1	8	1,594	12
Under 16	0	0.0	0	0	0
16 - 17	39	0.8	0	39	0
18 - 20	93	1.9	2	91	0
21 - 24	140	2.9	1	138	1
25 - 29	177	3.6	2	173	2
30 - 34	173	3.6	0	172	1
35 - 39	188	3.9	0	187	1
40 - 44	171	3.5	2	169	0
45 - 49	161	3.3	0	159	2
50 - 54	113	2.3	0	113	0
55 - 59	119	2.4	1	116	2
60 - 64	77	1.6	0	75	2
65 - 69	44	0.9	0	44	0
70 - 74	36	0.7	0	35	1
75 - 79	34	0.7	0	34	0
80 and Over	45	0.9	0	45	0
Unknown Age	4	0.1	0	4	0
Unknown Gender	1	<0.1	1	0	0

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	5,731	100.0	41	5,690
Under 5	25	0.4	0	25
5 - 9	285	5.0	1	284
10 - 13	781	13.6	3	778
14 - 17	927	16.2	6	921
18 - 20	454	7.9	2	452
21 - 24	469	8.2	2	467
25 - 29	402	7.0	1	401
30 - 34	376	6.6	4	372
35 - 39	380	6.6	3	377
40 - 44	385	6.7	3	382
45 - 49	331	5.8	2	329
50 - 54	216	3.8	4	212
55 - 59	144	2.5	4	140
60 - 64	75	1.3	2	73
65 - 69	47	0.8	0	47
70 - 74	38	0.7	1	37
75 - 79	17	0.3	1	16
80 and Over	10	0.2	1	9
Unknown Age	369	6.4	1	368

	Total Bicyclists		Bicyclists by Severity of Injury					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	5,722	100.0	41	622	1,750	3,010	144	155
No Helmet Used	2,690	47.0	20	308	835	1,414	46	67
Helmet Used	431	7.5	3	51	164	198	9	6
Unknown	2,601	45.5	18	263	751	1,398	89	82