

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

2001

TABLE 1 Bicycle/Motor Vehicle Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	6,868	6,811
Fatal Accidents	42	42
Non-Fatal Personal Injury Accidents	6,754	6,701
Reportable Property Damage Accidents	72	68
Vehicles	7,007	6,947
Drivers Involved	6,257	6,210
Vehicle Occupants	9,020	8,952
Special Bicycle Accident Series		
Bicycle/Pedestrian/Motor Vehicle Accidents	7	7
Bicycle/Motorcycle Accidents	26	26
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)	6,927	6,872
Drivers Injured	102	102
Passengers Injured	69	64
Pedestrians Injured	6	6
Bicyclists Injured	6,749	6,699
Other	1	1
(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	6,811	100.0
Fatal (K) Accidents	42	0.6
Personal Injury Accidents		
Serious (A)	693	10.2
Moderate (B)	2,168	31.8
Minor (C)	3,552	52.2
Unknown Severity	288	4.2
Property Damage (O) Accidents	68	1.0

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
	6,868	147	70	444	710	1,220	1,866	1,556	701	154
Sunday										
<i>Total</i>	777	40	12	18	68	156	199	188	77	19
Fatal	7	0	0	0	0	3	2	1	1	0
Personal Injury	760	40	11	18	66	152	194	185	76	18
Property Damage	10	0	1	0	2	1	3	2	0	1
Monday										
<i>Total</i>	976	10	4	71	113	159	281	221	97	20
Fatal	5	0	0	1	0	0	1	1	2	0
Personal Injury	959	10	4	70	112	156	275	218	94	20
Property Damage	12	0	0	0	1	3	5	2	1	0
Tuesday										
<i>Total</i>	992	18	11	80	85	172	279	232	96	19
Fatal	4	0	1	0	0	0	1	1	1	0
Personal Injury	982	18	9	80	85	171	277	230	93	19
Property Damage	6	0	1	0	0	1	1	1	2	0
Wednesday										
<i>Total</i>	1,018	15	9	80	102	164	287	233	101	27
Fatal	6	0	0	3	0	1	0	1	1	0
Personal Injury	999	15	9	76	102	160	283	230	97	27
Property Damage	13	0	0	1	0	3	4	2	3	0
Thursday										
<i>Total</i>	1,066	14	8	85	120	179	303	227	105	25
Fatal	5	0	0	1	0	0	4	0	0	0
Personal Injury	1,048	14	8	83	118	175	295	226	104	25
Property Damage	13	0	0	1	2	4	4	1	1	0
Friday										
<i>Total</i>	1,092	17	14	84	127	182	285	249	115	19
Fatal	8	1	1	1	0	0	1	3	1	0
Personal Injury	1,072	15	13	83	126	177	282	243	114	19
Property Damage	12	1	0	0	1	5	2	3	0	0
Saturday										
<i>Total</i>	947	33	12	26	95	208	232	206	110	25
Fatal	7	0	0	1	0	1	3	2	0	0
Personal Injury	934	33	12	25	94	205	227	204	109	25
Property Damage	6	0	0	0	1	2	2	0	1	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	6,811	100.0	42	6,701	68
State Police	120	1.8	4	114	2
County Police	1,078	15.8	12	1,051	15
New York City Police (NYPD)	3,699	54.3	15	3,661	23
Municipal Police (non-NYC)	1,864	27.4	11	1,831	22
Unknown	50	0.7	0	44	6

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,868	100.0	42	6,754	72
State Routes	717	10.4	10	696	11
County Routes	241	3.5	7	232	2
Town Routes	744	10.8	6	727	11
Municipal Streets	5,001	72.8	19	4,938	44
Parkways	29	0.4	0	27	2
Thruway	5	0.1	0	5	0
Other Interstates	7	0.1	0	7	0
Unknown	124	1.8	0	122	2

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	6,868	100.0	42	6,754	72
Single Vehicle Accidents	6,736	98.1	40	6,627	69
Two Vehicle Accidents	127	1.8	2	122	3
3 or More Vehicle Accidents	5	0.1	0	5	0

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TABLE 7(P) Selected Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	6,811	100.0	42	6,701	68
Accidents With No Factor Reported	1,525	22.4	3	1,509	13
Accidents With One or More Factors Reported	5,286	77.6	39	5,192	55
Accidents With Human Factors	5,077	74.5	36	4,987	54
Aggressive Driving/Road Rage*	2	<0.1	0	2	0
Alcohol Involvement	108	1.6	4	102	2
Backing Unsafely	62	0.9	0	61	1
Cell Phone (hand held)*	0	0.0	0	0	0
Cell Phone (hands free)*	0	0.0	0	0	0
Driver Inattention/Distraction	1,322	19.4	4	1,308	10
Driver Inexperience	75	1.1	1	74	0
Drugs (Illegal)	4	0.1	0	3	1
Failure to Keep Right	3	<0.1	0	3	0
Failure to Yield R.O.W.	1,027	15.1	8	1,013	6
Fatigued/Drowsy	1	<0.1	0	1	0
Fell Asleep	4	0.1	0	4	0
Following Too Closely	47	0.7	1	46	0
Illness	3	<0.1	0	3	0
Lost Consciousness	0	0.0	0	0	0
Other Electronic Device*	1	<0.1	0	1	0
Outside Car Distraction*	1	<0.1	0	1	0
Passenger Distraction*	38	0.6	0	38	0
Passing or Lane Usage Improper	223	3.3	1	218	4
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,058	30.2	21	2,011	26
Physical Disability	5	0.1	0	5	0
Prescription Medication	2	<0.1	0	2	0
Reaction to Other Uninvolved Vehicle*	2	<0.1	0	2	0
Traffic Control Disregarded	425	6.2	4	412	9
Turning Improperly	108	1.6	0	106	2
Unsafe Lane Changing	66	1.0	2	63	1
Unsafe Speed	127	1.9	4	121	2
Other Human	1,034	15.2	3	1,021	10
Accidents With Vehicular Factors	183	2.7	2	177	4
Accelerator Defective	1	<0.1	0	1	0
Brakes Defective	63	0.9	1	59	3
Driverless/Runaway Vehicle	0	0.0	0	0	0
Headlights Defective	7	0.1	0	7	0
Other Lighting Defects	12	0.2	0	12	0
Oversized Vehicle	7	0.1	0	7	0
Steering Failure	4	0.1	0	3	1
Tire Failure/Inadequate	0	0.0	0	0	0
Tow Hitch Defective	0	0.0	0	0	0
Windshield Inadequate	2	<0.1	1	1	0
Other Vehicular	89	1.3	0	89	0
Accidents With Environmental Factors	417	6.1	4	412	1
Animal's Action	8	0.1	0	8	0
Glare	78	1.1	1	77	0
Lane Marking Improper/Inadequate	1	<0.1	0	1	0
Obstruction/Debris	19	0.3	1	18	0
Pavement Defective	6	0.1	0	6	0
Pavement Slippery	55	0.8	1	54	0
Shoulders Defective/Improper	4	0.1	0	4	0
Traffic Control Device Improper/Non-Working	4	0.1	0	4	0
View Obstructed/Limited	197	2.9	1	195	1
Other Environmental	56	0.8	0	56	0

* New Category as of July 2001.

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	6,257	100.0	42	6,149	66
Male	4,002	64.0	32	3,934	36
Under 16	3	<0.1	0	3	0
16 - 17	75	1.2	0	75	0
18 - 20	181	2.9	2	177	2
21 - 24	326	5.2	3	317	6
25 - 29	411	6.6	3	405	3
30 - 34	456	7.3	6	447	3
35 - 39	501	8.0	4	494	3
40 - 44	481	7.7	5	472	4
45 - 49	443	7.1	4	434	5
50 - 54	323	5.2	1	318	4
55 - 59	264	4.2	2	260	2
60 - 64	146	2.3	0	146	0
65 - 69	111	1.8	1	107	3
70 - 74	85	1.4	0	84	1
75 - 79	68	1.1	1	67	0
80 and Over	60	1.0	0	60	0
Unknown Age	68	1.1	0	68	0
Female	1,769	28.3	9	1,732	28
Under 16	2	<0.1	0	2	0
16 - 17	38	0.6	0	37	1
18 - 20	129	2.1	2	123	4
21 - 24	148	2.4	0	146	2
25 - 29	189	3.0	0	188	1
30 - 34	195	3.1	2	192	1
35 - 39	209	3.3	0	207	2
40 - 44	217	3.5	2	211	4
45 - 49	146	2.3	0	142	4
50 - 54	146	2.3	0	144	2
55 - 59	107	1.7	1	101	5
60 - 64	82	1.3	0	81	1
65 - 69	44	0.7	0	44	0
70 - 74	35	0.6	0	35	0
75 - 79	39	0.6	0	39	0
80 and Over	27	0.4	2	25	0
Unknown Age	16	0.3	0	15	1
Unknown Gender	486	7.8	1	483	2

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Age Group	Total Bicyclists		Bicyclists	
	Number	Percent	Killed	Injured
Total	6,791	100.0	42	6,749
Under 5	29	0.4	0	29
5 - 9	456	6.7	4	452
10 - 13	969	14.3	2	967
14 - 17	1,046	15.4	4	1,042
18 - 20	575	8.5	2	573
21 - 24	551	8.1	1	550
25 - 29	550	8.1	7	543
30 - 34	498	7.3	2	496
35 - 39	523	7.7	3	520
40 - 44	477	7.0	2	475
45 - 49	315	4.6	2	313
50 - 54	210	3.1	1	209
55 - 59	120	1.8	5	115
60 - 64	87	1.3	3	84
65 - 69	42	0.6	2	40
70 - 74	43	0.6	1	42
75 - 79	18	0.3	0	18
80 and Over	14	0.2	0	14
Unknown Age	268	3.9	1	267

	Total Bicyclists		Injury Severity of Bicyclist					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Bicyclists	6,960	100.0	42	686	2,186	3,629	198	219
No Helmet Used	1,034	14.9	0	113	312	549	39	21
Helmet Used	196	2.8	0	24	67	96	6	3
Unknown	5,730	82.3	42	549	1,807	2,984	153	195