

New York State Department of Motor Vehicles Summary of New York City Motor Vehicle Accidents

2007

Category Totals	All Accidents	Police Reported
Total Accidents	79,510†	55,239†
Fatal Accidents	264	264
Non-Fatal Personal Injury Accidents	52,711	43,607
Reportable Property Damage Accidents	26,535†	11,368†
Vehicles	151,866	103,397
Drivers Involved	138,565	94,175
Vehicle Occupants	201,414	146,968
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	11,035	10,584
Bicycle/Motor Vehicle Accidents	2,966	2,853
Motorcycle Accidents	1,359	1,182
Fatalities		
Persons Killed (1)	273	273
Drivers Killed	70	70
Passengers Killed	42	42
Pedestrians Killed	135	135
Bicyclists Killed	25	25
Other	1	1
Non-Fatal Injuries		
Persons Injured (1)	74,986	63,152
Drivers Injured	37,577	29,506
Passengers Injured	23,188	20,104
Pedestrians Injured	10,859	10,407
Bicyclists Injured	2,865	2,762
Other	497	373
† It is important to note that the data for 2007 are not strictly comparable to the data for previous years. Changes in data collection and reporting that began during 2006 with respect to property damage crashes have increased the total number of crashes, since the changes resulted in more 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.		

Fatal Acc Rate/100 Mil Vehicle Miles	0.89
Injury Acc Rate/100 Mil Vehicle Miles	101.74
Death Rate/100 Mil Vehicle Miles	0.96
Injury Rate/100 Mil Vehicle Miles	142.06
Death Rate/100,000 Population	6.82
Injury Rate/100,000 Population	1006.62
Death Rate/100,000 Licensed Drivers	11.58
Injury Rate/100,000 Licensed Drivers	1708.60

	Number	Percent
Total	55,239	100.0
Fatal (K) Accidents	264	0.5
Personal Injury Accidents		
Serious (A)	3,549	6.4
Moderate (B)	5,791	10.5
Minor (C)	31,591	57.2
Unknown Severity	2,676	4.8
Property Damage (O) Accidents	11,368	20.6

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	79,510	4,194	3,646	8,760	10,708	12,764	15,702	11,932	7,706	4,098
Sunday										
Total	9,839	1,008	972	712	970	1,467	1,660	1,445	1,084	521
Fatal	53	10	10	4	6	4	2	6	10	1
Personal Injury	6,588	704	648	469	637	1,025	1,154	1,059	784	108
Property Damage	3,198	294	314	239	327	438	504	380	290	412
Monday										
Total	11,546	519	413	1,518	1,651	1,883	2,266	1,648	1,009	639
Fatal	26	6	3	2	4	3	0	2	6	0
Personal Injury	7,689	346	256	975	1,079	1,297	1,598	1,219	768	151
Property Damage	3,831	167	154	541	568	583	668	427	235	488
Tuesday										
Total	11,205	406	300	1,457	1,768	1,819	2,292	1,725	931	507
Fatal	39	6	6	3	3	11	4	5	1	0
Personal Injury	7,430	264	194	947	1,184	1,230	1,560	1,265	693	93
Property Damage	3,736	136	100	507	581	578	728	455	237	414
Wednesday										
Total	11,534	401	311	1,562	1,725	1,800	2,348	1,746	1,049	592
Fatal	33	4	4	3	4	6	5	4	3	0
Personal Injury	7,548	274	183	1,009	1,136	1,226	1,571	1,214	797	138
Property Damage	3,953	123	124	550	585	568	772	528	249	454
Thursday										
Total	11,408	417	318	1,350	1,629	1,819	2,426	1,793	1,044	612
Fatal	27	3	5	4	3	2	6	3	1	0
Personal Injury	7,471	264	192	865	1,081	1,238	1,649	1,289	756	137
Property Damage	3,910	150	121	481	545	579	771	501	287	475
Friday										
Total	12,798	526	415	1,342	1,706	2,102	2,738	1,994	1,323	652
Fatal	40	3	0	2	6	6	10	5	8	0
Personal Injury	8,475	333	254	899	1,122	1,422	1,860	1,460	972	153
Property Damage	4,283	190	161	441	578	674	868	529	343	499
Saturday										
Total	11,180	917	917	819	1,259	1,874	1,972	1,581	1,266	575
Fatal	46	4	5	6	3	9	1	10	8	0
Personal Injury	7,510	637	599	534	812	1,300	1,411	1,158	923	136
Property Damage	3,624	276	313	279	444	565	560	413	335	439

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	55,239	100.0	264	43,607	11,368
State Police	6	<0.1	0	2	4
County Police	13	<0.1	0	6	7
New York City Police (NYPD)	55,215	99.9	264	43,597	11,354
Municipal Police (non-NYC)	5	<0.1	0	2	3
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	79,510	100.0	264	52,711	26,535
State Routes	3,698	4.7	26	2,340	1,332
County Routes	0	0.0	0	0	0
Town Routes	26	<0.1	0	18	8
Municipal Streets	60,280	75.8	213	41,170	18,897
Parkways	3,952	5.0	15	2,409	1,528
Thruway	27	<0.1	0	11	16
Other Interstates	5,060	6.4	5	2,831	2,224
Unknown	6,467	8.1	5	3,932	2,530

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	79,510	100.0	264	52,711	26,535
Single Vehicle Accidents	18,367	23.1	180	16,293	1,894
Two Vehicle Accidents	52,776	66.4	54	30,263	22,459
3 or More Vehicle Accidents	8,367	10.5	30	6,155	2,182

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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	55,239	100.0	264	43,607	11,368
Accidents With No Factor Reported	20,753	37.6	58	17,318	3,377
Accidents With One or More Factors Reported	34,486	62.4	206	26,289	7,991
Accidents With Human Factors	30,458	55.1	191	23,218	7,049
Aggressive Driving/Road Rage	836	1.5	7	661	168
Alcohol Involvement	1,150	2.1	19	863	268
Backing Unsafely	984	1.8	4	713	267
Cell Phone (hand held)	78	0.1	1	62	15
Cell Phone (hands free)	14	<0.1	0	10	4
Driver Inattention/Distraction	10,472	19.0	47	7,961	2,464
Driver Inexperience	1,496	2.7	16	1,103	377
Drugs (Illegal)	89	0.2	0	80	9
Failure to Keep Right	314	0.6	2	220	92
Failure to Yield R.O.W.	5,108	9.2	34	4,178	896
Fatigued/Drowsy	240	0.4	0	177	63
Fell Asleep	309	0.6	0	212	97
Following Too Closely	4,764	8.6	1	3,385	1,378
Illness	142	0.3	0	131	11
Lost Consciousness	187	0.3	0	171	16
Other Electronic Device	27	<0.1	1	20	6
Outside Car Distraction	275	0.5	2	203	70
Passenger Distraction	228	0.4	0	175	53
Passing or Lane Usage Improper	1,457	2.6	12	911	534
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,078	3.8	33	2,043	2
Physical Disability	51	0.1	0	41	10
Prescription Medication	36	0.1	1	33	2
Reaction to Other Uninvolved Vehicle	1,724	3.1	2	1,236	486
Traffic Control Disregarded	2,489	4.5	12	2,125	352
Turning Improperly	1,949	3.5	10	1,423	516
Unsafe Lane Changing	1,824	3.3	4	1,079	741
Unsafe Speed	3,080	5.6	62	2,365	653
Other Human	64	0.1	5	46	13
Accidents With Vehicular Factors	3,068	5.6	13	2,330	725
Accelerator Defective	72	0.1	0	54	18
Brakes Defective	489	0.9	1	396	92
Driverless/Runaway Vehicle	58	0.1	0	46	12
Headlights Defective	11	<0.1	0	8	3
Other Lighting Defects	13	<0.1	0	11	2
Oversized Vehicle	234	0.4	2	107	125
Steering Failure	152	0.3	0	98	54
Tire Failure/Inadequate	164	0.3	0	108	56
Tow Hitch Defective	7	<0.1	0	2	5
Windshield Inadequate	12	<0.1	0	12	0
Other Vehicular	1,973	3.6	10	1,571	392
Accidents With Environmental Factors	3,918	7.1	16	2,970	932
Animal's Action	44	0.1	0	28	16
Glare	428	0.8	7	360	61
Lane Marking Improper/Inadequate	37	0.1	0	21	16
Obstruction/Debris	212	0.4	0	152	60
Pavement Defective	172	0.3	0	130	42
Pavement Slippery	2,325	4.2	5	1,706	614
Shoulders Defective/Improper	10	<0.1	0	9	1
Traffic Control Device Improper/Non-Working	104	0.2	1	89	14
View Obstructed/Limited	740	1.3	5	593	142
Other Environmental	2	<0.1	0	2	0

Note: Many accidents have multiple factors reported.

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	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	138,565	100.0	361	91,394	46,810
Male	89,487	64.6	278	61,051	28,158
Under 16	27	<0.1	1	16	10
16 - 17	609	0.4	5	429	175
18 - 20	4,198	3.0	20	2,951	1,227
21 - 24	7,755	5.6	42	5,424	2,289
25 - 29	10,629	7.7	30	7,376	3,223
30 - 34	10,013	7.2	27	7,008	2,978
35 - 39	10,356	7.5	32	7,206	3,118
40 - 44	10,691	7.7	36	7,400	3,255
45 - 49	9,961	7.2	25	6,879	3,057
50 - 54	8,130	5.9	18	5,561	2,551
55 - 59	6,304	4.5	20	4,178	2,106
60 - 64	4,121	3.0	6	2,656	1,459
65 - 69	2,377	1.7	4	1,497	876
70 - 74	1,462	1.1	3	904	555
75 - 79	947	0.7	3	531	413
80 and Over	1,001	0.7	6	548	447
Unknown Age	906	0.7	0	487	419
Female	35,446	25.6	54	24,572	10,820
Under 16	6	<0.1	0	3	3
16 - 17	254	0.2	0	172	82
18 - 20	1,659	1.2	4	1,167	488
21 - 24	3,407	2.5	7	2,468	932
25 - 29	4,922	3.6	10	3,554	1,358
30 - 34	4,261	3.1	6	3,115	1,140
35 - 39	4,176	3.0	5	2,987	1,184
40 - 44	3,960	2.9	6	2,831	1,123
45 - 49	3,610	2.6	5	2,508	1,097
50 - 54	2,942	2.1	5	1,983	954
55 - 59	2,226	1.6	2	1,432	792
60 - 64	1,540	1.1	2	936	602
65 - 69	899	0.6	0	542	357
70 - 74	535	0.4	1	322	212
75 - 79	420	0.3	0	218	202
80 and Over	411	0.3	1	234	176
Unknown Age	218	0.2	0	100	118
Unknown Gender	13,632	9.8	29	5,771	7,832

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	75,259	100.0	273	74,986
Under 5	1,108	1.5	3	1,105
5 - 9	1,803	2.4	3	1,800
10 - 13	2,034	2.7	5	2,029
14 - 17	2,642	3.5	7	2,635
18 - 20	4,555	6.1	11	4,544
21 - 24	7,310	9.7	26	7,284
25 - 29	9,115	12.1	28	9,087
30 - 34	7,440	9.9	20	7,420
35 - 39	6,953	9.2	14	6,939
40 - 44	6,622	8.8	25	6,597
45 - 49	6,135	8.2	20	6,115
50 - 54	4,945	6.6	19	4,926
55 - 59	3,811	5.1	14	3,797
60 - 64	2,465	3.3	11	2,454
65 - 69	1,618	2.1	6	1,612
70 - 74	1,120	1.5	23	1,097
75 - 79	764	1.0	4	760
80 and Over	951	1.3	26	925
Unknown Age	3,868	5.1	8	3,860

	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	145,673	100.0	76	2,290	3,416	41,390	1,392	97,109
No Restraint Used	8,190	5.6	25	253	434	2,593	103	4,782
Air Bag Deployed	901	0.6	6	53	82	398	14	348
with Child Restraint	37	<0.1	0	0	6	15	0	16
with Harness	297	0.2	0	15	26	152	3	101
with Lap Belt	518	0.4	1	15	48	274	11	169
with Lap Belt & Harness	3,017	2.1	6	115	303	1,500	28	1,065
Child Restraint Only	2,438	1.7	0	17	50	397	18	1,956
Harness	3,573	2.5	0	76	72	1,145	45	2,235
Lap Belt	18,874	13.0	0	341	374	5,958	214	11,987
Lap Belt & Harness	82,780	56.8	26	1,119	1,639	24,456	733	54,807
Other	34	<0.1	1	0	4	8	1	20
Unknown	25,014	17.2	11	286	378	4,494	222	19,623
Motorcyclists	1,295	100.0	36	203	352	539	28	137
No Helmet Used	246	19.0	12	36	86	87	5	20
Helmet Used	793	61.2	22	132	209	343	16	71
Unknown	256	19.8	2	35	57	109	7	46
Bicyclists	2,891	100.0	25	320	833	1,524	85	104
No Helmet Used	777	26.9	13	94	226	408	22	14
Helmet Used	271	9.4	0	29	92	141	5	4
Unknown	1,843	63.7	12	197	515	975	58	86