

**New York State Department of Motor Vehicles  
Summary of Alcohol-Related Motor Vehicle Accidents**

**2007**

<b>TABLE 1(P) Alcohol-Related (A-R) Accidents</b>	
<b>Category Totals</b>	<b>Police Reported</b>
<b>Total Accidents</b>	<b>9,480†</b>
Fatal Accidents	344
Non-Fatal Personal Injury Accidents	4,991
Reportable Property Damage Accidents	4,145†
<b>Vehicles</b>	<b>15,096</b>
Drivers Involved	12,936
<i>Drinking Drivers</i>	9,117
<i>Non-Drinking Drivers</i>	3,819
Vehicle Occupants	18,222
<b>Special A-R Accident Series</b>	
A-R Pedestrian/Motor Vehicle Accidents	403
A-R Bicycle/Motor Vehicle Accidents	97
A-R Motorcycle Accidents	217
<b>Fatalities</b>	
<b>Persons Killed (1)</b>	<b>373</b>
Drivers Killed	239
<i>Drinking Drivers</i>	215
<i>Non-Drinking Drivers</i>	24
Passengers Killed	65
Pedestrians Killed	62
Bicyclists Killed	7
Other	0
<b>Non-Fatal Injuries</b>	
<b>Persons Injured (1)</b>	<b>7,175</b>
Drivers Injured	4,593
Passengers Injured	2,072
Pedestrians Injured	362
Bicyclists Injured	90
Other	58
† 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.	

<b>TABLE 2(P) Severity of Accident</b>		
	<b>Number</b>	<b>Percent</b>
<b>Total</b>	<b>9,480</b>	<b>100.0</b>
Fatal (K) Accidents	344	3.6
Personal Injury Accidents		
Serious (A)	1,127	11.9
Moderate (B)	1,349	14.2
Minor (C)	2,343	24.7
Unknown Severity	172	1.8
Property Damage (O) Accidents	4,145	43.7

General Notes

- \* All tables are based on information received only from police reports.
- \* 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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<b>TABLE 3(P) Day of Week/Time of Day</b>										
<b>Day of Week</b>	<b>Total Accidents</b>	<b>Time of Day</b>								
		<b>Mid-3am</b>	<b>3am-6am</b>	<b>6am-9am</b>	<b>9am-Noon</b>	<b>Noon-3pm</b>	<b>3pm-6pm</b>	<b>6pm-9pm</b>	<b>9pm-Mid</b>	<b>Unknown</b>
<b>Total</b>	<b>9,480</b>	<b>2,408</b>	<b>1,636</b>	<b>432</b>	<b>210</b>	<b>356</b>	<b>825</b>	<b>1,470</b>	<b>2,097</b>	<b>46</b>
<b>Sunday</b>										
<b>Total</b>	2,040	633	518	133	41	69	145	239	254	8
Fatal	87	27	17	3	3	6	6	11	14	0
Personal Injury	1,086	328	270	72	16	37	72	139	148	4
Property Damage	867	278	231	58	22	26	67	89	92	4
<b>Monday</b>										
<b>Total</b>	924	237	113	37	25	42	101	173	188	8
Fatal	31	7	3	0	3	3	3	4	8	0
Personal Injury	479	120	58	20	11	22	47	104	93	4
Property Damage	414	110	52	17	11	17	51	65	87	4
<b>Tuesday</b>										
<b>Total</b>	787	171	78	23	22	34	85	155	216	3
Fatal	35	7	6	0	1	3	4	7	7	0
Personal Injury	411	82	40	11	10	13	47	102	103	3
Property Damage	341	82	32	12	11	18	34	46	106	0
<b>Wednesday</b>										
<b>Total</b>	944	192	87	31	27	44	107	189	262	5
Fatal	20	6	4	1	1	0	0	3	5	0
Personal Injury	502	84	32	19	20	23	65	114	142	3
Property Damage	422	102	51	11	6	21	42	72	115	2
<b>Thursday</b>										
<b>Total</b>	1,018	226	123	42	29	42	100	178	276	2
Fatal	33	4	11	1	0	1	3	5	8	0
Personal Injury	548	122	60	24	15	22	49	102	154	0
Property Damage	437	100	52	17	14	19	48	71	114	2
<b>Friday</b>										
<b>Total</b>	1,495	322	186	37	30	49	141	266	459	5
Fatal	50	7	6	3	1	1	3	8	21	0
Personal Injury	786	145	103	20	15	28	78	145	249	3
Property Damage	659	170	77	14	14	20	60	113	189	2
<b>Saturday</b>										
<b>Total</b>	2,272	627	531	129	36	76	146	270	442	15
Fatal	88	17	26	10	3	0	3	12	16	1
Personal Injury	1,179	326	263	62	14	48	79	156	224	7
Property Damage	1,005	284	242	57	19	28	64	102	202	7

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<b>TABLE 4(P) Police Investigating Agency</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>9,480</b>	<b>100.0</b>	<b>344</b>	<b>4,991</b>	<b>4,145</b>
State Police	2,229	23.5	77	1,054	1,098
County Police	2,948	31.1	133	1,520	1,295
New York City Police (NYPD)	1,237	13.0	60	899	278
Municipal Police (non-NYC)	3,066	32.3	74	1,518	1,474
Unknown	0	0.0	0	0	0

<b>TABLE 5(P) Jurisdictional Road System</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>9,480</b>	<b>100.0</b>	<b>344</b>	<b>4,991</b>	<b>4,145</b>
State Routes	2,828	29.8	131	1,474	1,223
County Routes	1,340	14.1	61	733	546
Town Routes	1,769	18.7	57	840	872
Municipal Streets	2,282	24.1	63	1,321	898
Parkways	259	2.7	13	121	125
Thruway	172	1.8	3	85	84
Other Interstates	302	3.2	13	138	151
Unknown	528	5.6	3	279	246

<b>TABLE 6(P) Manner of Collision</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total</b>	<b>9,480</b>	<b>100.0</b>	<b>344</b>	<b>4,991</b>	<b>4,145</b>
Single Vehicle Accidents	5,138	54.2	239	2,605	2,294
Two Vehicle Accidents	3,476	36.7	77	1,888	1,511
3 or More Vehicle Accidents	866	9.1	28	498	340

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<b>TABLE 7(P) Accident Contributing Factors</b>					
	<b>Total Accidents</b>		<b>Severity Class of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Accidents</b>	<b>9,480</b>	<b>100.0</b>	<b>344</b>	<b>4,991</b>	<b>4,145</b>
Accidents With No Factor Reported	82	0.9	34	32	16
Accidents With One or More Factors Reported	9,398	99.1	310	4,959	4,129
<b>Accidents With Human Factors</b>	<b>9,378</b>	<b>98.9</b>	<b>298</b>	<b>4,955</b>	<b>4,125</b>
Aggressive Driving/Road Rage	95	1.0	4	58	33
Alcohol Involvement	9,026	95.2	164	4,838	4,024
Backing Unsafely	129	1.4	1	32	96
Cell Phone (hand held)	49	0.5	1	20	28
Cell Phone (hands free)	3	<0.1	0	1	2
Driver Inattention/Distraction	596	6.3	21	316	259
Driver Inexperience	71	0.7	5	33	33
Drugs (Illegal)	130	1.4	3	76	51
Failure to Keep Right	670	7.1	26	346	298
Failure to Yield R.O.W.	421	4.4	17	260	144
Fatigued/Drowsy	53	0.6	1	19	33
Fell Asleep	231	2.4	6	112	113
Following Too Closely	512	5.4	3	304	205
Illness	11	0.1	1	5	5
Lost Consciousness	17	0.2	0	9	8
Other Electronic Device	2	<0.1	0	0	2
Outside Car Distraction	10	0.1	3	5	2
Passenger Distraction	17	0.2	1	10	6
Passing or Lane Usage Improper	634	6.7	27	279	328
Pedestrian/Bicyclist/Other Ped Error/Confusion	131	1.4	32	99	0
Physical Disability	4	<0.1	0	2	2
Prescription Medication	59	0.6	1	31	27
Reaction to Other Uninvolved Vehicle	60	0.6	2	32	26
Traffic Control Disregarded	401	4.2	18	263	120
Turning Improperly	190	2.0	5	83	102
Unsafe Lane Changing	301	3.2	12	136	153
Unsafe Speed	2,207	23.3	135	1,177	895
Other Human	12	0.1	4	2	6
<b>Accidents With Vehicular Factors</b>	<b>152</b>	<b>1.6</b>	<b>7</b>	<b>86</b>	<b>59</b>
Accelerator Defective	1	<0.1	1	0	0
Brakes Defective	11	0.1	0	5	6
Driverless/Runaway Vehicle	2	<0.1	0	2	0
Headlights Defective	2	<0.1	0	1	1
Other Lighting Defects	7	0.1	0	5	2
Oversized Vehicle	1	<0.1	1	0	0
Steering Failure	4	<0.1	0	1	3
Tire Failure/Inadequate	25	0.3	1	6	18
Tow Hitch Defective	1	<0.1	0	1	0
Windshield Inadequate	1	<0.1	0	1	0
Other Vehicular	99	1.0	4	65	30
<b>Accidents With Environmental Factors</b>	<b>394</b>	<b>4.2</b>	<b>20</b>	<b>196</b>	<b>178</b>
Animal's Action	145	1.5	2	69	74
Glare	11	0.1	1	6	4
Lane Marking Improper/Inadequate	0	0.0	0	0	0
Obstruction/Debris	15	0.2	1	7	7
Pavement Defective	0	0.0	0	0	0
Pavement Slippery	198	2.1	9	101	88
Shoulders Defective/Improper	1	<0.1	0	1	0
Traffic Control Device Improper/Non-Working	1	<0.1	1	0	0
View Obstructed/Limited	28	0.3	7	14	7
Other Environmental	0	0.0	0	0	0

Note: Many accidents have multiple factors reported.

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<b>TABLE 8(P) Driver Age and Gender</b>									
	<b>Total Drivers</b>		<b>Non-Drinking Drivers</b>		<b>Drinking Drivers by Severity of Accident</b>				
	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>12,936</b>	<b>100.0</b>	<b>3,819</b>	<b>100.0</b>	<b>9,117</b>	<b>100.0</b>	<b>291</b>	<b>4,736</b>	<b>4,090</b>
<b>Male</b>	<b>9,399</b>	<b>72.7</b>	<b>2,312</b>	<b>60.5</b>	<b>7,087</b>	<b>77.7</b>	<b>247</b>	<b>3,685</b>	<b>3,155</b>
Under 16	6	<0.1	0	0.0	6	0.1	1	3	2
16 - 17	168	1.3	48	1.3	120	1.3	3	74	43
18 - 20	836	6.5	143	3.7	693	7.6	30	354	309
21 - 24	1,547	12.0	230	6.0	1,317	14.4	43	632	642
25 - 29	1,419	11.0	267	7.0	1,152	12.6	39	561	552
30 - 34	1,035	8.0	248	6.5	787	8.6	28	415	344
35 - 39	944	7.3	273	7.1	671	7.4	30	355	286
40 - 44	938	7.3	252	6.6	686	7.5	24	382	280
45 - 49	887	6.9	267	7.0	620	6.8	15	334	271
50 - 54	655	5.1	201	5.3	454	5.0	12	240	202
55 - 59	442	3.4	154	4.0	288	3.2	9	154	125
60 - 64	227	1.8	84	2.2	143	1.6	4	89	50
65 - 69	118	0.9	53	1.4	65	0.7	2	47	16
70 - 74	69	0.5	36	0.9	33	0.4	3	18	12
75 - 79	51	0.4	27	0.7	24	0.3	2	13	9
80 and Over	39	0.3	20	0.5	19	0.2	2	8	9
Unknown Age	18	0.1	9	0.2	9	0.1	0	6	3
<b>Female</b>	<b>3,205</b>	<b>24.8</b>	<b>1,217</b>	<b>31.9</b>	<b>1,988</b>	<b>21.8</b>	<b>44</b>	<b>1,026</b>	<b>918</b>
Under 16	0	0.0	0	0.0	0	0.0	0	0	0
16 - 17	70	0.5	35	0.9	35	0.4	0	21	14
18 - 20	288	2.2	116	3.0	172	1.9	6	96	70
21 - 24	521	4.0	151	4.0	370	4.1	8	188	174
25 - 29	397	3.1	146	3.8	251	2.8	8	126	117
30 - 34	348	2.7	136	3.6	212	2.3	5	106	101
35 - 39	358	2.8	106	2.8	252	2.8	3	122	127
40 - 44	366	2.8	139	3.6	227	2.5	5	114	108
45 - 49	358	2.8	133	3.5	225	2.5	4	109	112
50 - 54	219	1.7	110	2.9	109	1.2	2	65	42
55 - 59	127	1.0	58	1.5	69	0.8	1	43	25
60 - 64	65	0.5	31	0.8	34	0.4	1	21	12
65 - 69	32	0.2	19	0.5	13	0.1	0	7	6
70 - 74	24	0.2	17	0.4	7	0.1	0	4	3
75 - 79	20	0.2	13	0.3	7	0.1	1	2	4
80 and Over	11	0.1	7	0.2	4	<0.1	0	2	2
Unknown Age	1	<0.1	0	0.0	1	<0.1	0	0	1
<b>Unknown Gender</b>	<b>332</b>	<b>2.6</b>	<b>290</b>	<b>7.6</b>	<b>42</b>	<b>0.5</b>	<b>0</b>	<b>25</b>	<b>17</b>

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
<b>Total</b>	<b>7,548</b>	<b>100.0</b>	<b>373</b>	<b>7,175</b>
Under 5	48	0.6	0	48
5 - 9	63	0.8	1	62
10 - 13	87	1.2	0	87
14 - 17	332	4.4	9	323
18 - 20	806	10.7	39	767
21 - 24	1,251	16.6	55	1,196
25 - 29	1,029	13.6	49	980
30 - 34	740	9.8	36	704
35 - 39	643	8.5	33	610
40 - 44	629	8.3	37	592
45 - 49	617	8.2	31	586
50 - 54	436	5.8	35	401
55 - 59	295	3.9	15	280
60 - 64	159	2.1	11	148
65 - 69	89	1.2	4	85
70 - 74	58	0.8	3	55
75 - 79	40	0.5	6	34
80 and Over	40	0.5	6	34
Unknown Age	186	2.5	3	183

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Motor Vehicle Occupants</b>	<b>17,977</b>	<b>100.0</b>	<b>254</b>	<b>1,103</b>	<b>1,502</b>	<b>3,784</b>	<b>97</b>	<b>11,237</b>
No Restraint Used	1,609	9.0	82	297	230	338	9	653
Air Bag Deployed	557	3.1	41	98	87	125	3	203
with Child Restraint	2	<0.1	0	0	0	0	0	2
with Harness	79	0.4	3	4	12	34	0	26
with Lap Belt	82	0.5	0	7	10	29	1	35
with Lap Belt & Harness	1,750	9.7	48	150	274	503	8	767
Child Restraint Only	214	1.2	1	2	5	28	1	177
Harness	175	1.0	0	8	16	42	2	107
Lap Belt	625	3.5	2	39	33	204	9	338
Lap Belt & Harness	10,548	58.7	40	402	689	2,174	50	7,193
Other	5	<0.1	0	0	0	2	1	2
Unknown	2,331	13.0	37	96	146	305	13	1,734
<b>Motorcyclists</b>	<b>245</b>	<b>100.0</b>	<b>50</b>	<b>82</b>	<b>49</b>	<b>47</b>	<b>1</b>	<b>16</b>
No Helmet Used	38	15.5	11	16	1	4	1	5
Helmet Used	198	80.8	37	64	47	42	0	8
Unknown	9	3.7	2	2	1	1	0	3
<b>Bicyclists</b>	<b>97</b>	<b>100.0</b>	<b>7</b>	<b>20</b>	<b>26</b>	<b>43</b>	<b>1</b>	<b>0</b>
No Helmet Used	44	45.4	3	7	12	21	1	0
Helmet Used	5	5.2	1	2	1	1	0	0
Unknown	48	49.5	3	11	13	21	0	0