

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

## 2008 Statewide Statistical Summary

<b>TABLE 1 Accident Summary Totals</b>		
Category Totals	All Accidents	Police Reported
<b>Total Accidents</b>	<b>316,231</b>	<b>256,901</b>
Fatal Accidents	1,160	1,160
Non-Fatal Personal Injury Accidents	134,894	121,413
Reportable Property Damage Accidents	180,177	134,328
Vehicles	556,238	450,366
Drivers Involved	520,576	422,841
Vehicle Occupants	725,393	607,543
<b>Special Accident Series</b>		
Pedestrian/Motor Vehicle Accidents	15,620	14,956
Bicycle/Motor Vehicle Accidents	5,646	5,449
Motorcycle Accidents	5,396	4,944
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>1,224</b>	<b>1,224</b>
Drivers Killed	669	669
Passengers Killed	211	211
Pedestrians Killed	302	302
Bicyclists Killed	42	42
Other	0	0
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>187,160</b>	<b>170,024</b>
Drivers Injured	114,393	102,478
Passengers Injured	51,120	46,947
Pedestrians Injured	15,317	14,643
Bicyclists Injured	5,422	5,239
Other	908	717
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.            Note: It is important to note that the data for 2008 are comparable to the data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006</small>		

<b>TABLE 1.1 Statewide Rates</b>	
Fatal Acc Rate/100 Mil Vehicle Miles	0.87
Injury Acc Rate/100 Mil Vehicle Miles	100.88
Death Rate/100 Mil Vehicle Miles	0.92
Injury Rate/100 Mil Vehicle Miles	139.97
Death Rate/100,000 Population	6.28
Injury Rate/100,000 Population	960.27
Death Rate/100,000 Licensed Drivers	10.85
Injury Rate/100,000 Licensed Drivers	1658.55

<b>TABLE 2(P) Severity of Accident</b>		
Category	Number	Percent
<b>Total</b>	<b>256,901</b>	<b>100.0</b>
Fatal (K) Accidents	1,160	0.5
Personal Injury Accidents		
Serious (A)	10,611	4.1
Moderate (B)	19,058	7.4
Minor (C)	86,607	33.7
Unknown Severity	5,137	2.0
Property Damage (O) Accidents	134,328	52.3

**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
<b>Total</b>	<b>316,231</b>	<b>14,078</b>	<b>12,443</b>	<b>39,645</b>	<b>42,333</b>	<b>54,011</b>	<b>69,051</b>	<b>44,739</b>	<b>27,189</b>	<b>12,742</b>
<b>Sunday</b>										
<i>Total</i>	35,595	3,357	2,801	2,569	4,258	6,455	6,513	4,969	3,211	1,462
Fatal	195	30	22	15	14	24	40	26	23	1
Personal Injury	15,428	1,513	1,253	1,040	1,814	2,870	3,131	2,218	1,387	202
Property Damage	19,972	1,814	1,526	1,514	2,430	3,561	3,342	2,725	1,801	1,259
<b>Monday</b>										
<i>Total</i>	42,504	1,279	1,206	6,151	6,023	7,297	9,870	5,802	3,131	1,745
Fatal	133	12	6	16	19	25	19	19	15	2
Personal Injury	18,519	565	416	2,529	2,728	3,328	4,618	2,649	1,454	232
Property Damage	23,852	702	784	3,606	3,276	3,944	5,233	3,134	1,662	1,511
<b>Tuesday</b>										
<i>Total</i>	48,638	1,269	1,311	7,088	6,637	8,079	11,766	6,937	3,528	2,023
Fatal	152	11	15	14	24	26	32	18	12	0
Personal Injury	20,675	509	454	2,876	2,976	3,733	5,226	3,083	1,500	318
Property Damage	27,811	749	842	4,198	3,637	4,320	6,508	3,836	2,016	1,705
<b>Wednesday</b>										
<i>Total</i>	48,182	1,468	1,388	7,702	6,890	7,800	10,648	6,692	3,731	1,863
Fatal	152	12	16	20	8	22	29	24	21	0
Personal Injury	20,165	604	476	2,966	2,990	3,473	4,851	2,902	1,667	236
Property Damage	27,865	852	896	4,716	3,892	4,305	5,768	3,766	2,043	1,627
<b>Thursday</b>										
<i>Total</i>	45,097	1,396	1,293	6,238	5,889	7,238	10,626	6,817	3,749	1,851
Fatal	159	12	14	15	19	20	28	27	24	0
Personal Injury	19,704	589	462	2,572	2,732	3,389	4,895	3,151	1,631	283
Property Damage	25,234	795	817	3,651	3,138	3,829	5,703	3,639	2,094	1,568
<b>Friday</b>										
<i>Total</i>	54,076	1,882	1,762	6,738	7,095	9,583	12,208	7,597	5,144	2,067
Fatal	173	7	12	28	12	16	29	27	42	0
Personal Injury	22,350	770	640	2,716	3,050	4,094	5,324	3,314	2,137	305
Property Damage	31,553	1,105	1,110	3,994	4,033	5,473	6,855	4,256	2,965	1,762
<b>Saturday</b>										
<i>Total</i>	42,139	3,427	2,682	3,159	5,541	7,559	7,420	5,925	4,695	1,731
Fatal	196	36	29	16	22	34	14	18	26	1
Personal Injury	18,053	1,461	1,191	1,238	2,346	3,508	3,398	2,624	2,068	219
Property Damage	23,890	1,930	1,462	1,905	3,173	4,017	4,008	3,283	2,601	1,511

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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>256,901</b>	<b>100.0</b>	<b>1,160</b>	<b>121,413</b>	<b>134,328</b>
State Police	49,573	19.3	274	15,152	34,147
County Police	73,701	28.7	379	30,116	43,206
New York City Police (NYPD)	52,942	20.6	278	42,408	10,256
Municipal Police (non-NYC)	80,677	31.4	229	33,736	46,712
Unknown	8	<0.1	0	1	7

<b>TABLE 5 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>					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

<b>TABLE 6 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>316,231</b>	<b>100.0</b>	<b>1,160</b>	<b>134,894</b>	<b>180,177</b>
Single Vehicle Accidents	104,790	33.1	694	43,332	60,764
Two Vehicle Accidents	188,662	59.7	383	77,254	111,025
3 or More Vehicle Accidents	22,779	7.2	83	14,308	8,388

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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>256,901</b>	<b>100.0</b>	<b>1,160</b>	<b>121,413</b>	<b>134,328</b>
Accidents With No Factor Reported	27,826	10.8	136	20,698	6,992
Accidents With One or More Factors Reported	229,075	89.2	1,024	100,715	127,336
<b>Accidents With Human Factors</b>	<b>188,061</b>	<b>73.2</b>	<b>986</b>	<b>90,033</b>	<b>97,042</b>
Aggressive Driving/Road Rage	1,640	0.6	11	1,064	565
Alcohol Involvement*	8,722	3.4	156	4,605	3,961
Backing Unsafely	7,682	3.0	6	1,588	6,088
Cell Phone (hand held)	448	0.2	1	235	212
Cell Phone (hands free)	50	<0.1	1	22	27
Driver Inattention/Distraction	45,439	17.7	118	22,985	22,336
Driver Inexperience	6,392	2.5	44	3,342	3,006
Drugs (Illegal)	508	0.2	11	291	206
Failure to Keep Right	5,404	2.1	102	2,513	2,789
Failure to Yield R.O.W.	36,601	14.2	150	19,256	17,195
Fatigued/Drowsy	1,342	0.5	6	751	585
Fell Asleep	3,243	1.3	17	1,679	1,547
Following Too Closely	36,569	14.2	26	17,582	18,961
Illness	1,067	0.4	18	815	234
Lost Consciousness	1,062	0.4	15	879	168
Other Electronic Device	99	<0.1	2	45	52
Outside Car Distraction	1,063	0.4	1	575	487
Passenger Distraction	724	0.3	6	442	276
Passing or Lane Usage Improper	10,319	4.0	76	3,700	6,543
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,179	1.6	124	4,044	11
Physical Disability	351	0.1	6	230	115
Prescription Medication	397	0.2	4	237	156
Reaction to Other Uninvolved Vehicle	8,461	3.3	14	3,902	4,545
Traffic Control Disregarded	10,602	4.1	74	6,588	3,940
Turning Improperly	9,010	3.5	21	3,894	5,095
Unsafe Lane Changing	9,221	3.6	43	3,352	5,826
Unsafe Speed*	31,581	12.3	368	13,870	17,343
Other Human	370	0.1	7	167	196
<b>Accidents With Vehicular Factors</b>	<b>10,585</b>	<b>4.1</b>	<b>35</b>	<b>5,316</b>	<b>5,234</b>
Accelerator Defective	241	0.1	1	134	106
Brakes Defective	1,753	0.7	5	1,029	719
Driverless/Runaway Vehicle	190	0.1	1	90	99
Headlights Defective	43	<0.1	0	30	13
Other Lighting Defects	104	<0.1	0	58	46
Oversized Vehicle	733	0.3	1	184	548
Steering Failure	638	0.2	1	312	325
Tire Failure/Inadequate	1,512	0.6	3	559	950
Tow Hitch Defective	82	<0.1	1	17	64
Windshield Inadequate	38	<0.1	0	20	18
Other Vehicular	5,519	2.1	23	3,022	2,474
<b>Accidents With Environmental Factors</b>	<b>61,528</b>	<b>24.0</b>	<b>135</b>	<b>17,917</b>	<b>43,476</b>
Animal's Action	20,689	8.1	7	2,166	18,516
Glare	2,422	0.9	8	1,323	1,091
Lane Marking Improper/Inadequate	141	0.1	1	41	99
Obstruction/Debris	2,060	0.8	6	694	1,360
Pavement Defective	393	0.2	3	240	150
Pavement Slippery	31,578	12.3	82	11,457	20,039
Shoulders Defective/Improper	100	<0.1	0	45	55
Traffic Control Device Improper/Non-Working	273	0.1	2	180	91
View Obstructed/Limited	4,929	1.9	31	2,209	2,689
Other Environmental	68	<0.1	0	30	38

\* These numbers represent the total number of accidents in which the police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on the police accident report form. Hence, they do not represent the total number of alcohol-related or speed-related accidents that occurred in the state. For data on the total number of alcohol-related accidents in New York State, see the separate report titled, "Summary of Alcohol-Related Motor Vehicle Accidents." For data on the total number of speed-related accidents in New York State, see the separate report titled, "Summary of Speed-Related Motor Vehicle Accidents."

Note: Many accidents have multiple factors reported.

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<b>TABLE 8 Driver Age and Gender</b>					
	<b>Total Drivers</b>		<b>Drivers by Severity of Accident</b>		
	<b>Number</b>	<b>Percent</b>	<b>Fatal</b>	<b>Personal Injury</b>	<b>Property Damage</b>
<b>Total Drivers</b>	<b>520,576</b>	<b>100.0</b>	<b>1,710</b>	<b>234,894</b>	<b>283,972</b>
<b>Male</b>	<b>295,696</b>	<b>56.8</b>	<b>1,252</b>	<b>136,219</b>	<b>158,225</b>
Under 16	104	<0.1	0	51	53
16 - 17	7,663	1.5	28	3,048	4,587
18 - 20	24,415	4.7	98	10,558	13,759
21 - 24	29,032	5.6	137	13,262	15,633
25 - 29	31,183	6.0	141	14,989	16,053
30 - 34	26,616	5.1	118	13,130	13,368
35 - 39	27,598	5.3	109	13,463	14,026
40 - 44	29,471	5.7	122	14,157	15,192
45 - 49	29,972	5.8	125	14,186	15,661
50 - 54	25,957	5.0	87	11,868	14,002
55 - 59	20,451	3.9	73	9,147	11,231
60 - 64	14,958	2.9	55	6,611	8,292
65 - 69	9,619	1.8	43	4,015	5,561
70 - 74	6,552	1.3	33	2,761	3,758
75 - 79	5,071	1.0	29	2,071	2,971
80 and Over	5,711	1.1	53	2,242	3,416
Unknown Age	1,323	0.3	1	660	662
<b>Female</b>	<b>194,811</b>	<b>37.4</b>	<b>407</b>	<b>89,271</b>	<b>105,133</b>
Under 16	37	<0.1	0	18	19
16 - 17	6,285	1.2	6	2,643	3,636
18 - 20	17,544	3.4	44	7,808	9,692
21 - 24	20,513	3.9	37	9,474	11,002
25 - 29	20,596	4.0	42	10,018	10,536
30 - 34	16,889	3.2	23	8,532	8,334
35 - 39	17,714	3.4	33	8,666	9,015
40 - 44	19,541	3.8	43	9,196	10,302
45 - 49	19,195	3.7	32	8,878	10,285
50 - 54	16,144	3.1	28	7,276	8,840
55 - 59	12,588	2.4	27	5,438	7,123
60 - 64	9,257	1.8	17	3,869	5,371
65 - 69	5,981	1.1	22	2,482	3,477
70 - 74	4,165	0.8	17	1,680	2,468
75 - 79	3,652	0.7	18	1,479	2,155
80 and Over	4,282	0.8	18	1,672	2,592
Unknown Age	428	0.1	0	142	286
<b>Unknown Gender</b>	<b>30,069</b>	<b>5.8</b>	<b>51</b>	<b>9,404</b>	<b>20,614</b>

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
<b>Total</b>	<b>188,384</b>	<b>100.0</b>	<b>1,224</b>	<b>187,160</b>
Under 5	2,394	1.3	6	2,388
5 - 9	4,009	2.1	19	3,990
10 - 13	4,333	2.3	12	4,321
14 - 17	9,659	5.1	44	9,615
18 - 20	15,935	8.5	80	15,855
21 - 24	18,891	10.0	124	18,767
25 - 29	19,776	10.5	118	19,658
30 - 34	15,595	8.3	82	15,513
35 - 39	15,117	8.0	75	15,042
40 - 44	15,897	8.4	74	15,823
45 - 49	15,806	8.4	94	15,712
50 - 54	13,146	7.0	66	13,080
55 - 59	10,292	5.5	81	10,211
60 - 64	7,402	3.9	56	7,346
65 - 69	4,774	2.5	52	4,722
70 - 74	3,507	1.9	51	3,456
75 - 79	2,878	1.5	65	2,813
80 and Over	3,441	1.8	109	3,332
Unknown Age	5,532	2.9	16	5,516

	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>602,113</b>	<b>100.0</b>	<b>698</b>	<b>8,501</b>	<b>15,985</b>	<b>117,333</b>	<b>2,984</b>	<b>456,612</b>
No Restraint Used	18,387	3.1	151	971	1,221	4,727	161	11,156
Air Bag Deployed	4,297	0.7	110	368	480	1,570	45	1,724
with Child Restraint	169	<0.1	0	2	11	39	0	117
with Harness	1,553	0.3	12	61	156	620	16	688
with Lap Belt	1,989	0.3	5	73	215	813	18	865
with Lap Belt & Harness	26,911	4.5	136	1,276	2,983	10,689	145	11,682
Child Restraint Only	16,692	2.8	8	67	358	1,318	23	14,918
Harness	6,093	1.0	6	96	163	1,550	81	4,197
Lap Belt	27,656	4.6	11	453	568	7,231	349	19,044
Lap Belt & Harness	438,278	72.8	171	4,478	8,877	80,760	1,823	342,169
Other	156	<0.1	0	3	5	26	1	121
Unknown	59,932	10.0	88	653	948	7,990	322	49,931
<b>Motorcyclists</b>	<b>5,430</b>	<b>100.0</b>	<b>182</b>	<b>1,053</b>	<b>1,444</b>	<b>2,054</b>	<b>71</b>	<b>626</b>
No Helmet Used	617	11.4	29	119	158	238	13	60
Helmet Used	4,285	78.9	139	863	1,160	1,625	40	458
Unknown	528	9.7	14	71	126	191	18	108
<b>Bicyclists</b>	<b>5,546</b>	<b>100.0</b>	<b>42</b>	<b>579</b>	<b>1,674</b>	<b>2,862</b>	<b>124</b>	<b>265</b>
No Helmet Used	2,218	40.0	24	265	696	1,125	31	77
Helmet Used	692	12.5	4	68	256	324	13	27
Unknown	2,636	47.5	14	246	722	1,413	80	161