

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

**2003 Statewide Statistical Summary**

**TABLE 1 Accident Summary Totals**

Category Totals	All Accidents	Police Reported
<b>Total Accidents</b>	<b>246,926</b>	<b>143,849†</b>
Fatal Accidents	1,351	1,351
Non-Fatal Personal Injury Accidents	167,514	140,936
Reportable Property Damage Accidents	78,061	1,562†
Vehicles	454,108	263,093
Drivers Involved	403,591	243,257
Vehicle Occupants	582,294	386,071
<b>Special Accident Series</b>		
Pedestrian/Motor Vehicle Accidents	16,873	16,305
Bicycle/Motor Vehicle Accidents	5,689	5,530
Motorcycle Accidents	4,284	3,945
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>1,477</b>	<b>1,477</b>
Drivers Killed	809	809
Passengers Killed	302	302
Pedestrians Killed	327	327
Bicyclists Killed	38	38
Other	1	1
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>242,173</b>	<b>207,907</b>
Drivers Injured	145,159	120,286
Passengers Injured	73,739	65,267
Pedestrians Injured	16,665	16,110
Bicyclists Injured	5,581	5,447
Other	1,029	797
† It is important to note that the data for 2003 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.		
(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position		

**TABLE 1.1 Statewide Rates**

Fatal Acc Rate/100 Mil Vehicle Miles	1.00
Injury Acc Rate/100 Mil Vehicle Miles	123.49
Death Rate/100 Mil Vehicle Miles	1.09
Injury Rate/100 Mil Vehicle Miles	178.53
Death Rate/100,000 Population	7.69
Injury Rate/100,000 Population	1260.50
Death Rate/100,000 Licensed Drivers	13.00
Injury Rate/100,000 Licensed Drivers	2132.37

**TABLE 2(P) Severity of Accident**

	Number	Percent
<b>Total</b>	<b>143,849</b>	<b>100.0</b>
Fatal (K) Accidents	1,351	0.9
Personal Injury Accidents		
Serious (A)	11,858	8.2
Moderate (B)	23,551	16.4
Minor (C)	100,122	69.6
Unknown Severity	5,405	3.8
Property Damage (O) Accidents	1,562	1.1

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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Summary of Motor Vehicle Accidents  
2003 Statewide Statistical Summary**

<b>TABLE 3 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>246,926</b>	<b>11,678</b>	<b>10,438</b>	<b>28,707</b>	<b>32,509</b>	<b>41,323</b>	<b>50,478</b>	<b>33,195</b>	<b>20,219</b>	<b>18,379</b>
<b>Sunday</b>										
<b>Total</b>	28,074	2,346	2,048	1,787	3,382	4,940	4,923	4,016	2,449	2,183
Fatal	216	31	36	20	18	16	37	27	26	5
Personal Injury	19,458	1,719	1,461	1,191	2,261	3,581	3,688	2,999	1,840	718
Property Damage	8,400	596	551	576	1,103	1,343	1,198	990	583	1,460
<b>Monday</b>										
<b>Total</b>	36,152	1,272	1,191	4,824	4,744	6,116	8,072	4,658	2,559	2,716
Fatal	152	11	9	19	21	29	25	17	20	1
Personal Injury	24,426	881	666	3,124	3,270	4,388	5,912	3,395	1,937	853
Property Damage	11,574	380	516	1,681	1,453	1,699	2,135	1,246	602	1,862
<b>Tuesday</b>										
<b>Total</b>	35,829	1,199	1,189	5,189	4,860	5,739	7,749	4,783	2,569	2,552
Fatal	189	9	21	23	13	36	36	26	22	3
Personal Injury	24,241	842	642	3,414	3,369	4,102	5,600	3,489	1,958	825
Property Damage	11,399	348	526	1,752	1,478	1,601	2,113	1,268	589	1,724
<b>Wednesday</b>										
<b>Total</b>	36,360	1,249	1,198	4,959	4,993	5,710	7,851	4,982	2,761	2,657
Fatal	184	14	15	22	21	35	31	29	15	2
Personal Injury	24,871	932	678	3,235	3,548	4,108	5,770	3,642	2,111	847
Property Damage	11,305	303	505	1,702	1,424	1,567	2,050	1,311	635	1,808
<b>Thursday</b>										
<b>Total</b>	36,142	1,312	1,220	4,722	4,884	5,841	7,769	4,789	2,869	2,736
Fatal	177	12	12	22	18	25	28	28	30	2
Personal Injury	24,362	929	690	3,078	3,305	4,134	5,630	3,538	2,148	910
Property Damage	11,603	371	518	1,622	1,561	1,682	2,111	1,223	691	1,824
<b>Friday</b>										
<b>Total</b>	41,213	1,718	1,544	5,004	5,162	6,829	8,501	5,560	3,764	3,131
Fatal	185	20	13	26	24	20	19	27	35	1
Personal Injury	27,507	1,212	874	3,241	3,520	4,782	6,146	3,977	2,798	957
Property Damage	13,521	486	657	1,737	1,618	2,027	2,336	1,556	931	2,173
<b>Saturday</b>										
<b>Total</b>	33,156	2,582	2,048	2,222	4,484	6,148	5,613	4,407	3,248	2,404
Fatal	248	33	32	20	23	36	35	42	25	2
Personal Injury	22,649	1,867	1,425	1,472	2,918	4,380	4,191	3,212	2,415	769
Property Damage	10,259	682	591	730	1,543	1,732	1,387	1,153	808	1,633

**New York State Department of Motor Vehicles  
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**2003 Statewide Statistical Summary**

<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>143,849</b>	<b>100.0</b>	<b>1,351</b>	<b>140,936</b>	<b>1,562</b>
State Police	17,003	11.8	299	16,314	390
County Police	32,807	22.8	455	31,918	434
New York City Police (NYPD)	54,487	37.9	320	53,874	293
Municipal Police (non-NYC)	39,530	27.5	275	38,810	445
Other	3	<0.1	1	2	0
Unknown	19	<0.1	1	18	0

<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>	<b>246,926</b>	<b>100.0</b>	<b>1,351</b>	<b>167,514</b>	<b>78,061</b>
State Routes	56,196	22.8	464	36,233	19,499
County Routes	15,014	6.1	138	9,732	5,144
Town Routes	36,717	14.9	234	22,218	14,265
Municipal Streets	106,279	43.0	370	78,651	27,258
Parkways	11,401	4.6	59	8,104	3,238
Thruway	2,887	1.2	28	1,818	1,041
Other Interstates	13,350	5.4	54	9,120	4,176
Unknown	5,082	2.1	4	1,638	3,440

<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>246,926</b>	<b>100.0</b>	<b>1,351</b>	<b>167,514</b>	<b>78,061</b>
Single Vehicle Accidents	66,669	27.0	762	46,536	19,371
Two Vehicle Accidents	159,004	64.4	482	103,261	55,261
3 or More Vehicle Accidents	21,253	8.6	107	17,717	3,429

**New York State Department of Motor Vehicles  
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**2003 Statewide Statistical Summary**

<b>TABLE 7(P) Accident Contributing Factors</b>					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Accidents</b>	<b>143,849</b>	<b>100.0</b>	<b>1,351</b>	<b>140,936</b>	<b>1,562</b>
Accidents With No Factor Reported	25,111	17.5	184	24,725	202
Accidents With One or More Factors Reported	118,738	82.5	1,167	116,211	1,360
<b>Accidents With Human Factors</b>	<b>104,342</b>	<b>72.5</b>	<b>1,108</b>	<b>102,065</b>	<b>1,169</b>
Aggressive Driving/Road Rage	1,138	0.8	12	1,123	3
Alcohol Involvement	5,320	3.7	172	5,125	23
Backing Unsafely	1,748	1.2	8	1,712	28
Cell Phone (hand held)	185	0.1	0	182	3
Cell Phone (hands free)	40	<0.1	1	39	0
Driver Inattention/Distraction	25,899	18.0	118	25,586	195
Driver Inexperience	3,592	2.5	44	3,518	30
Drugs (Illegal)	307	0.2	5	301	1
Failure to Keep Right	2,715	1.9	110	2,569	36
Failure to Yield R.O.W.	23,662	16.4	159	23,303	200
Fatigued/Drowsy	775	0.5	9	698	68
Fell Asleep	1,948	1.4	26	1,736	186
Following Too Closely	19,507	13.6	26	19,305	176
Illness	704	0.5	8	671	25
Lost Consciousness	791	0.5	26	747	18
Other Electronic Device	47	<0.1	0	47	0
Outside Car Distraction	503	0.3	3	496	4
Passenger Distraction	456	0.3	4	449	3
Passing or Lane Usage Improper	4,149	2.9	86	3,986	77
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,780	3.3	139	4,641	0
Physical Disability	242	0.2	6	222	14
Prescription Medication	219	0.2	4	209	6
Reaction to Other Uninvolved Vehicle	3,820	2.7	13	3,770	37
Traffic Control Disregarded	7,743	5.4	81	7,610	52
Turning Improperly	4,403	3.1	22	4,322	59
Unsafe Lane Changing	3,632	2.5	42	3,515	75
Unsafe Speed	15,439	10.7	401	14,918	120
Other Human	1,230	0.9	21	1,191	18
<b>Accidents With Vehicular Factors</b>	<b>6,882</b>	<b>4.8</b>	<b>45</b>	<b>6,777</b>	<b>60</b>
Accelerator Defective	167	0.1	3	162	2
Brakes Defective	1,220	0.8	9	1,198	13
Driverless/Runaway Vehicle	86	0.1	0	85	1
Headlights Defective	34	<0.1	0	34	0
Other Lighting Defects	92	0.1	0	92	0
Oversized Vehicle	149	0.1	2	144	3
Steering Failure	291	0.2	1	288	2
Tire Failure/Inadequate	606	0.4	9	590	7
Tow Hitch Defective	22	<0.1	0	20	2
Windshield Inadequate	28	<0.1	0	28	0
Other Vehicular	4,375	3.0	22	4,321	32
<b>Accidents With Environmental Factors</b>	<b>23,063</b>	<b>16.0</b>	<b>153</b>	<b>22,628</b>	<b>282</b>
Animal's Action	2,474	1.7	13	2,368	93
Glare	1,652	1.1	8	1,632	12
Lane Marking Improper/Inadequate	57	<0.1	0	56	1
Obstruction/Debris	914	0.6	7	902	5
Pavement Defective	354	0.2	2	350	2
Pavement Slippery	14,698	10.2	85	14,485	128
Shoulders Defective/Improper	75	0.1	2	72	1
Traffic Control Device Improper/Non-Working	350	0.2	2	347	1
View Obstructed/Limited	3,104	2.2	34	3,023	47
Other Environmental	147	0.1	6	139	2

Note: Many accidents have multiple factors reported.

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

**2003 Statewide Statistical Summary**

<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>403,591</b>	<b>100.0</b>	<b>1,968</b>	<b>286,083</b>	<b>115,540</b>
<b>Male</b>	<b>249,482</b>	<b>61.8</b>	<b>1,472</b>	<b>178,375</b>	<b>69,635</b>
Under 16	173	<0.1	3	150	20
16 - 17	7,300	1.8	59	5,127	2,114
18 - 20	18,379	4.6	124	13,543	4,712
21 - 24	23,875	5.9	165	17,957	5,753
25 - 29	26,443	6.6	141	20,116	6,186
30 - 34	26,309	6.5	146	19,974	6,189
35 - 39	27,470	6.8	150	20,545	6,775
40 - 44	27,787	6.9	141	20,333	7,313
45 - 49	24,023	6.0	130	17,107	6,786
50 - 54	19,114	4.7	99	13,010	6,005
55 - 59	14,715	3.6	77	9,816	4,822
60 - 64	10,357	2.6	59	6,767	3,531
65 - 69	7,131	1.8	50	4,490	2,591
70 - 74	5,663	1.4	38	3,414	2,211
75 - 79	4,431	1.1	31	2,536	1,864
80 and Over	4,264	1.1	58	2,534	1,672
Unknown Age	2,048	0.5	1	956	1,091
<b>Female</b>	<b>153,903</b>	<b>38.1</b>	<b>444</b>	<b>107,621</b>	<b>45,838</b>
Under 16	82	<0.1	0	73	9
16 - 17	5,632	1.4	13	4,089	1,530
18 - 20	12,967	3.2	38	9,698	3,231
21 - 24	15,695	3.9	45	11,505	4,145
25 - 29	15,607	3.9	30	11,755	3,822
30 - 34	15,792	3.9	42	11,733	4,017
35 - 39	16,840	4.2	42	12,295	4,503
40 - 44	16,694	4.1	42	11,704	4,948
45 - 49	14,420	3.6	42	9,789	4,589
50 - 54	11,532	2.9	37	7,554	3,941
55 - 59	8,814	2.2	28	5,651	3,135
60 - 64	5,968	1.5	15	3,721	2,232
65 - 69	4,021	1.0	15	2,388	1,618
70 - 74	3,413	0.8	14	2,003	1,396
75 - 79	2,992	0.7	11	1,762	1,219
80 and Over	2,778	0.7	30	1,673	1,075
Unknown Age	656	0.2	0	228	428
<b>Unknown Gender</b>	<b>206</b>	<b>0.1</b>	<b>52</b>	<b>87</b>	<b>67</b>

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
<b>Total</b>	<b>243,650</b>	<b>100.0</b>	<b>1,477</b>	<b>242,173</b>
Under 5	3,128	1.3	23	3,105
5 - 9	6,072	2.5	15	6,057
10 - 13	6,472	2.7	13	6,459
14 - 17	14,441	5.9	75	14,366
18 - 20	21,324	8.8	141	21,183
21 - 24	25,341	10.4	147	25,194
25 - 29	24,809	10.2	120	24,689
30 - 34	22,987	9.4	105	22,882
35 - 39	22,652	9.3	87	22,565
40 - 44	21,722	8.9	105	21,617
45 - 49	18,255	7.5	114	18,141
50 - 54	14,426	5.9	78	14,348
55 - 59	10,800	4.4	71	10,729
60 - 64	7,487	3.1	68	7,419
65 - 69	5,258	2.2	60	5,198
70 - 74	4,324	1.8	60	4,264
75 - 79	3,576	1.5	52	3,524
80 and Over	3,856	1.6	123	3,733
Unknown Age	6,720	2.8	20	6,700

	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>381,602</b>	<b>100.0</b>	<b>958</b>	<b>9,989</b>	<b>21,429</b>	<b>145,318</b>	<b>4,788</b>	<b>199,120</b>
No Restraint Used	22,431	5.9	285	1,530	2,046	8,275	305	9,990
Air Bag Deployed	2,654	0.7	72	304	424	1,209	28	617
with Child Restraint	76	<0.1	0	1	12	18	1	44
with Harness	1,492	0.4	11	72	261	780	18	350
with Lap Belt	1,161	0.3	0	72	175	630	19	265
with Lap Belt & Harness	17,903	4.7	109	1,138	3,360	9,183	188	3,925
Child Restraint Only	8,640	2.3	11	64	418	1,184	48	6,915
Harness	9,677	2.5	18	245	382	3,848	137	5,047
Lap Belt	29,233	7.7	12	674	1,032	10,262	525	16,728
Lap Belt & Harness	247,819	64.9	286	4,866	11,932	97,108	2,937	130,690
Other	151	<0.1	4	11	6	49	2	79
Unknown	40,365	10.6	150	1,012	1,381	12,772	580	24,470
<b>Motorcyclists</b>	<b>4,469</b>	<b>100.0</b>	<b>153</b>	<b>957</b>	<b>1,356</b>	<b>1,661</b>	<b>55</b>	<b>287</b>
No Helmet Used	743	16.6	20	149	266	263	8	37
Helmet Used	3,169	70.9	120	724	938	1,181	33	173
Unknown	557	12.5	13	84	152	217	14	77
<b>Bicyclists</b>	<b>5,647</b>	<b>100.0</b>	<b>38</b>	<b>600</b>	<b>1,753</b>	<b>2,956</b>	<b>138</b>	<b>162</b>
No Helmet Used	2,688	47.6	20	298	872	1,369	57	72
Helmet Used	360	6.4	2	43	133	165	8	9
Unknown	2,599	46.0	16	259	748	1,422	73	81