

**New York State Department of Motor Vehicles  
Summary of Motor Vehicle Accidents  
2001 Statewide Statistical Summary**

**TABLE 1 Accident Summary Totals**

Category Totals	All Accidents	Police Reported
<b>Total Accidents</b>	<b>331,979</b>	<b>306,050</b>
Fatal Accidents	1,431	1,431
Non-Fatal Personal Injury Accidents	178,772	172,174
Reportable Property Damage Accidents	151,776	132,445
<b>Vehicles</b>	<b>609,334</b>	<b>562,710</b>
Drivers Involved	548,530	520,135
Vehicle Occupants	865,823	812,189
<b>Special Accident Series</b>		
Pedestrian/Motor Vehicle Accidents	17,784	17,539
Bicycle/Motor Vehicle Accidents	6,868	6,811
Motorcycle Accidents	4,848	4,700
<b>Fatalities</b>		
<b>Persons Killed (1)</b>	<b>1,554</b>	<b>1,554</b>
Drivers Killed	819	819
Passengers Killed	332	332
Pedestrians Killed	358	358
Bicyclists Killed	42	42
Other	3	3
<b>Non-Fatal Injuries</b>		
<b>Persons Injured (1)</b>	<b>267,905</b>	<b>259,143</b>
Drivers Injured	148,826	147,608
Passengers Injured	94,157	86,911
Pedestrians Injured	17,678	17,432
Bicyclists Injured	6,749	6,699
Other	495	493
(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	1.09
Injury Acc Rate/100 Mil Vehicle Miles	136.64
Death Rate/100 Mil Vehicle Miles	1.19
Injury Rate/100 Mil Vehicle Miles	204.77
Death Rate/100,000 Population	8.17
Injury Rate/100,000 Population	1409.18
Death Rate/100,000 Licensed Drivers	14.16
Injury Rate/100,000 Licensed Drivers	2440.96

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

	Number	Percent
<b>Total</b>	<b>306,050</b>	<b>100.0</b>
Fatal (K) Accidents	1,431	0.5
Personal Injury Accidents		
Serious (A)	12,708	4.1
Moderate (B)	27,071	8.8
Minor (C)	125,962	41.2
Unknown Severity	6,433	2.1
Property Damage (O) Accidents	132,445	43.3

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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<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>331,979</b>	<b>15,122</b>	<b>11,357</b>	<b>36,753</b>	<b>42,986</b>	<b>57,901</b>	<b>73,320</b>	<b>49,560</b>	<b>31,479</b>	<b>13,501</b>
<b>Sunday</b>										
<b>Total</b>	37,193	3,453	2,666	2,175	4,118	6,798	6,840	5,725	3,796	1,622
Fatal	235	42	36	21	19	21	38	31	26	1
Personal Injury	20,710	1,898	1,508	1,140	2,185	3,938	3,959	3,275	2,121	686
Property Damage	16,248	1,513	1,122	1,014	1,914	2,839	2,843	2,419	1,649	935
<b>Monday</b>										
<b>Total</b>	48,425	1,601	1,334	6,133	6,517	8,762	11,297	6,857	3,988	1,936
Fatal	194	16	10	22	24	29	37	32	24	0
Personal Injury	26,071	908	628	3,074	3,426	4,797	6,288	3,817	2,334	799
Property Damage	22,160	677	696	3,037	3,067	3,936	4,972	3,008	1,630	1,137
<b>Tuesday</b>										
<b>Total</b>	47,177	1,437	1,088	6,646	6,558	8,141	10,774	6,789	3,914	1,830
Fatal	175	11	15	17	17	28	36	28	23	0
Personal Injury	25,528	777	497	3,449	3,489	4,579	5,974	3,782	2,237	744
Property Damage	21,474	649	576	3,180	3,052	3,534	4,764	2,979	1,654	1,086
<b>Wednesday</b>										
<b>Total</b>	46,681	1,439	1,078	6,207	6,267	7,967	11,006	6,765	4,126	1,826
Fatal	156	7	13	17	13	30	35	21	19	1
Personal Injury	25,091	796	481	3,126	3,307	4,397	6,103	3,819	2,303	759
Property Damage	21,434	636	584	3,064	2,947	3,540	4,868	2,925	1,804	1,066
<b>Thursday</b>										
<b>Total</b>	49,686	1,714	1,172	6,060	6,196	8,122	11,784	8,032	4,512	2,094
Fatal	184	13	13	21	16	29	35	30	27	0
Personal Injury	26,581	894	526	3,124	3,353	4,478	6,455	4,337	2,522	892
Property Damage	22,921	807	633	2,915	2,827	3,615	5,294	3,665	1,963	1,202
<b>Friday</b>										
<b>Total</b>	57,078	1,942	1,530	6,605	7,150	9,664	13,351	8,711	5,877	2,248
Fatal	235	29	12	20	30	40	42	32	29	1
Personal Injury	29,687	1,022	706	3,232	3,726	5,146	7,099	4,630	3,218	908
Property Damage	27,156	891	812	3,353	3,394	4,478	6,210	4,049	2,630	1,339
<b>Saturday</b>										
<b>Total</b>	45,739	3,536	2,489	2,927	6,180	8,447	8,268	6,681	5,266	1,945
Fatal	252	41	28	11	27	31	42	33	39	0
Personal Injury	25,104	1,952	1,365	1,420	3,275	4,784	4,760	3,769	2,942	837
Property Damage	20,383	1,543	1,096	1,496	2,878	3,632	3,466	2,879	2,285	1,108

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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>306,050</b>	<b>100.0</b>	<b>1,431</b>	<b>172,174</b>	<b>132,445</b>
State Police	38,744	12.7	347	16,832	21,565
County Police	73,215	23.9	436	36,182	36,597
New York City Police (NYPD)	98,032	32.0	352	73,375	24,305
Municipal Police (non-NYC)	76,224	24.9	288	41,177	34,759
Other	12	< 0.1	0	5	7
Unknown	19,823	6.5	8	4,603	15,212

<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>331,979</b>	<b>100.0</b>	<b>1,431</b>	<b>178,772</b>	<b>151,776</b>
State Routes	78,269	23.6	489	36,384	41,396
County Routes	23,106	7.0	183	10,576	12,347
Town Routes	47,022	14.2	203	20,911	25,908
Municipal Streets	142,085	42.8	375	89,795	51,915
Parkways	14,933	4.5	73	8,742	6,118
Thruway	4,820	1.4	34	1,767	3,019
Other Interstates	17,638	5.3	70	9,074	8,494
Unknown	4,106	1.2	4	1,523	2,579

<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>331,979</b>	<b>100.0</b>	<b>1,431</b>	<b>178,772</b>	<b>151,776</b>
Single Vehicle Accidents	88,077	26.5	812	47,684	39,581
Two Vehicle Accidents	216,974	65.4	504	111,804	104,666
3 or More Vehicle Accidents	26,928	8.1	115	19,284	7,529

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<b>TABLE 7(P) Selected 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>306,050</b>	<b>100.0</b>	<b>1,431</b>	<b>172,174</b>	<b>132,445</b>
Accidents With No Factor Reported	54,368	17.8	156	28,049	26,163
Accidents With One or More Factors Reported	251,682	82.2	1,275	144,125	106,282
<b>Accidents With Human Factors</b>	<b>215,599</b>	<b>70.5</b>	<b>1,226</b>	<b>130,274</b>	<b>84,099</b>
Aggressive Driving/Road Rage*	85	< 0.1	0	76	9
Alcohol Involvement	8,430	2.7	284	5,630	2,516
Backing Unsafely	7,609	2.5	4	2,370	5,235
Cell Phone (hand held)*	41	< 0.1	0	33	8
Cell Phone (hands free)*	9	< 0.1	0	5	4
Driver Inattention/Distracted	53,801	17.6	137	33,843	19,821
Driver Inexperience	5,785	1.9	27	3,726	2,032
Drugs (Illegal)	358	0.1	14	236	108
Failure to Yield R.O.W.	44,454	14.5	177	27,274	17,003
Failure to Keep Right	179	0.1	0	149	30
Fatigued/Drowsy	1,013	0.3	6	644	363
Fell Asleep	3,387	1.1	45	2,035	1,307
Following Too Closely	36,830	12.0	23	23,062	13,745
Illness	738	0.2	14	561	163
Lost Consciousness	799	0.3	15	666	118
Other Electronic Device*	3	< 0.1	0	3	0
Outside Car Distraction*	61	< 0.1	0	45	16
Passenger Distraction*	1,194	0.4	9	799	386
Passing or Lane Usage Improper	11,621	3.8	118	5,536	5,967
Pedestrian/Bicyclist/Other Ped Error/Confusion	5,927	1.9	157	5,660	110
Physical Disability	251	0.1	1	184	66
Prescription Medication	263	0.1	5	186	72
Reaction to Other Uninvolved Vehicle*	342	0.1	0	258	84
Traffic Control Disregarded	13,433	4.4	105	9,649	3,679
Turning Improperly	10,211	3.3	25	5,347	4,839
Unsafe Speed	25,834	8.4	394	15,300	10,140
Unsafe Lane Changing	10,198	3.3	66	4,901	5,231
<b>Accidents With Vehicular Factors</b>	<b>11,030</b>	<b>3.6</b>	<b>40</b>	<b>6,580</b>	<b>4,410</b>
Accelerator Defective	327	0.1	4	215	108
Brakes Defective	2,198	0.7	9	1,514	675
Driverless/Runaway Vehicle	14	< 0.1	0	11	3
Headlights Defective	68	< 0.1	0	52	16
Other Lighting Defects	166	0.1	0	83	83
Oversized Vehicle	589	0.2	1	166	422
Steering Failure	570	0.2	2	355	213
Tire Failure/Inadequate	1,215	0.4	9	630	576
Tow Hitch Defective	95	< 0.1	1	28	66
Windshield Inadequate	54	< 0.1	1	36	17
<b>Accidents With Environmental Factors</b>	<b>53,727</b>	<b>17.6</b>	<b>123</b>	<b>23,231</b>	<b>30,373</b>
Animal's Action	14,625	4.8	5	2,857	11,763
Glare	2,943	1.0	11	1,998	934
Lane Marking Improper/Inadequate	137	< 0.1	0	66	71
Obstruction/Debris	1,761	0.6	5	810	946
Pavement Defective	617	0.2	0	391	226
Pavement Slippery	26,190	8.6	72	12,769	13,349
Shoulders Defective/Improper	114	< 0.1	0	62	52
Traffic Control Device Improper/Non-Working	456	0.1	4	314	138
View Obstructed/Limited	5,814	1.9	21	3,122	2,671

\* New Category as of July 2001.

Note: Many accidents have multiple factors reported.

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<b>TABLE 8 Driver Age and Gender</b>					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
<b>Total Drivers</b>	<b>548,530</b>	<b>100.0</b>	<b>2,118</b>	<b>309,540</b>	<b>236,872</b>
<b>Male</b>	<b>341,731</b>	<b>62.3</b>	<b>1,527</b>	<b>195,662</b>	<b>144,542</b>
Under 16	450	0.1	3	281	166
16 - 17	9,687	1.8	56	5,223	4,408
18 - 20	26,097	4.8	135	15,030	10,932
21 - 24	31,484	5.7	187	19,167	12,130
25 - 29	35,264	6.4	163	22,006	13,095
30 - 34	36,850	6.7	162	22,856	13,832
35 - 39	37,210	6.8	161	22,935	14,114
40 - 44	34,461	6.3	173	21,069	13,219
45 - 49	27,587	5.0	105	16,590	10,892
50 - 54	22,478	4.1	84	13,233	9,161
55 - 59	15,660	2.8	76	9,093	6,491
60 - 64	10,862	2.0	39	6,262	4,561
65 - 69	7,692	1.4	31	4,337	3,324
70 - 74	6,312	1.1	38	3,469	2,805
75 - 79	4,780	0.9	43	2,647	2,090
80 and Over	4,535	0.8	55	2,526	1,954
Unknown Age	30,322	5.5	16	8,938	21,368
<b>Female</b>	<b>189,444</b>	<b>34.5</b>	<b>511</b>	<b>107,780</b>	<b>81,153</b>
Under 16	214	< 0.1	1	127	86
16 - 17	6,759	1.2	26	3,887	2,846
18 - 20	15,702	2.9	58	9,118	6,526
21 - 24	17,498	3.2	42	10,625	6,831
25 - 29	18,834	3.4	37	11,889	6,908
30 - 34	19,672	3.6	42	12,343	7,287
35 - 39	20,538	3.7	45	12,552	7,941
40 - 44	19,287	3.5	54	11,583	7,650
45 - 49	15,281	2.8	42	9,036	6,203
50 - 54	12,542	2.3	28	7,321	5,193
55 - 59	8,675	1.6	28	5,015	3,632
60 - 64	5,682	1.0	16	3,309	2,357
65 - 69	4,111	0.7	15	2,291	1,805
70 - 74	3,777	0.7	22	2,087	1,668
75 - 79	3,344	0.6	19	1,803	1,522
80 and Over	2,951	0.5	30	1,601	1,320
Unknown Age	14,577	2.7	6	3,193	11,378
<b>Unknown Gender</b>	<b>17,355</b>	<b>3.2</b>	<b>80</b>	<b>6,098</b>	<b>11,177</b>

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
<b>Total</b>	<b>269,459</b>	<b>100.0</b>	<b>1,554</b>	<b>267,905</b>
Under 5	3,475	1.3	18	3,457
5 - 9	7,208	2.7	19	7,189
10 - 13	7,465	2.8	21	7,444
14 - 17	16,005	5.9	90	15,915
18 - 20	24,125	8.9	143	23,982
21 - 24	27,846	10.3	156	27,690
25 - 29	28,563	10.6	135	28,428
30 - 34	27,490	10.2	103	27,387
35 - 39	26,902	10.0	100	26,802
40 - 44	24,342	9.0	138	24,204
45 - 49	18,914	7.0	90	18,824
50 - 54	15,576	5.8	73	15,503
55 - 59	10,503	3.9	63	10,440
60 - 64	7,497	2.8	53	7,444
65 - 69	5,439	2.0	60	5,379
70 - 74	4,706	1.7	59	4,647
75 - 79	3,946	1.5	78	3,868
80 and Over	3,915	1.5	147	3,768
Unknown Age	5,542	2.1	8	5,534

	Total		Injury Severity of Vehicle Occupant					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
<b>Motor Vehicle Occupants</b>	<b>806,896</b>	<b>100.0</b>	<b>1,002</b>	<b>10,639</b>	<b>25,221</b>	<b>188,120</b>	<b>6,109</b>	<b>575,805</b>
No Restraint Used	40,886	5.1	319	1,967	2,966	12,539	451	22,644
Air Bag Deployed	2,988	0.4	75	337	440	1,236	39	861
with Child Restraint	74	< 0.1	0	4	7	13	1	49
with Harness	1,879	0.2	5	89	284	847	23	631
with Lap Belt	1,301	0.2	1	66	213	616	8	397
with Lap Belt & Harness	18,787	2.3	80	876	3,121	7,942	153	6,615
Child Restraint Only	15,874	2.0	7	63	444	1,295	51	14,014
Harness	22,534	2.8	27	268	561	6,203	246	15,229
Lap Belt	56,608	7.0	17	663	1,307	15,013	711	38,897
Lap Belt & Harness	503,997	62.5	307	5,018	13,839	120,373	3607	360,853
Other	82	< 0.1	1	4	4	29	1	43
Unknown	141,886	17.6	163	1,284	2,035	22,014	818	115,572
<b>Motorcyclists</b>	<b>5,293</b>	<b>100.0</b>	<b>149</b>	<b>1,010</b>	<b>1,459</b>	<b>1,872</b>	<b>89</b>	<b>714</b>
No Helmet Used	494	9.3	32	95	113	193	7	54
Helmet Used	3,627	68.5	104	724	1,073	1,303	58	365
Unknown	1,172	22.1	13	191	273	376	24	295
<b>Bicyclists</b>	<b>6,960</b>	<b>100.0</b>	<b>42</b>	<b>686</b>	<b>2,186</b>	<b>3,629</b>	<b>198</b>	<b>219</b>
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