

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

2004 Statewide Statistical Summary

TABLE 1 Accident Summary Totals		
Category Totals	All Accidents	Police Reported
Total Accidents	232,758	136,586†
Fatal Accidents	1,369	1,369
Non-Fatal Personal Injury Accidents	154,980	131,945
Reportable Property Damage Accidents	76,409	3,272†
Vehicles		
Vehicles	425,702	247,878
Drivers Involved	378,884	229,946
Vehicle Occupants	539,925	357,079
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	15,864	15,266
Bicycle/Motor Vehicle Accidents	5,801	5,612
Motorcycle Accidents	4,509	4,106
Fatalities		
Persons Killed (1)	1,495	1,495
Drivers Killed	823	823
Passengers Killed	301	301
Pedestrians Killed	328	328
Bicyclists Killed	41	41
Other	2	2
Non-Fatal Injuries		
Persons Injured (1)	220,837	191,713
Drivers Injured	134,794	113,406
Passengers Injured	63,772	56,972
Pedestrians Injured	15,678	15,091
Bicyclists Injured	5,690	5,526
Other	903	718
† It is important to note that the data for 2004 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	112.70
Death Rate/100 Mil Vehicle Miles	1.09
Injury Rate/100 Mil Vehicle Miles	160.58
Death Rate/100,000 Population	7.78
Injury Rate/100,000 Population	1148.57
Death Rate/100,000 Licensed Drivers	13.29
Injury Rate/100,000 Licensed Drivers	1963.63

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	136,586	100.0
Fatal (K) Accidents	1,369	1.0
Personal Injury Accidents		
Serious (A)	11,364	8.3
Moderate (B)	22,257	16.3
Minor (C)	93,349	68.3
Unknown Severity	4,975	3.6
Property Damage (O) Accidents	3,272	2.4

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.

**New York State Department of Motor Vehicles
Summary of Motor Vehicle Accidents
2004 Statewide Statistical Summary**

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	232,758	10,183	9,359	27,045	30,542	39,906	49,325	31,849	18,574	15,975
Sunday										
Total	26,612	2,345	1,925	1,727	3,007	4,717	4,884	3,842	2,340	1,825
Fatal	214	37	30	12	17	26	34	33	21	4
Personal Injury	18,039	1,724	1,444	1,163	2,070	3,377	3,582	2,688	1,668	323
Property Damage	8,359	584	451	552	920	1,314	1,268	1,121	651	1,498
Monday										
Total	33,686	1,085	1,160	4,669	4,693	5,881	7,385	4,360	2,171	2,282
Fatal	164	15	13	22	18	36	22	25	12	1
Personal Injury	22,366	748	679	3,068	3,236	4,182	5,327	3,113	1,616	397
Property Damage	11,156	322	468	1,579	1,439	1,663	2,036	1,222	543	1,884
Tuesday										
Total	34,723	1,014	1,056	4,814	4,647	5,831	8,028	4,675	2,292	2,366
Fatal	173	12	12	19	22	35	33	20	19	1
Personal Injury	23,009	702	595	3,217	3,206	4,176	5,721	3,292	1,657	443
Property Damage	11,541	300	449	1,578	1,419	1,620	2,274	1,363	616	1,922
Wednesday										
Total	33,850	1,059	989	4,814	4,620	5,509	7,426	4,629	2,497	2,307
Fatal	173	12	11	16	27	26	31	26	24	0
Personal Injury	22,407	766	596	3,215	3,196	3,850	5,331	3,260	1,792	401
Property Damage	11,270	281	382	1,583	1,397	1,633	2,064	1,343	681	1,906
Thursday										
Total	34,449	1,142	1,129	4,377	4,512	5,682	7,781	4,773	2,595	2,458
Fatal	195	16	17	22	20	32	31	33	24	0
Personal Injury	22,667	816	683	2,842	3,093	4,020	5,479	3,401	1,892	441
Property Damage	11,587	310	429	1,513	1,399	1,630	2,271	1,339	679	2,017
Friday										
Total	38,324	1,327	1,260	4,397	4,853	6,600	8,531	5,340	3,410	2,606
Fatal	218	16	15	16	16	54	38	34	29	0
Personal Injury	25,378	959	773	2,856	3,343	4,703	6,039	3,759	2,459	487
Property Damage	12,728	352	472	1,525	1,494	1,843	2,454	1,547	922	2,119
Saturday										
Total	31,114	2,211	1,840	2,247	4,210	5,686	5,290	4,230	3,269	2,131
Fatal	232	37	30	19	18	23	37	26	41	1
Personal Injury	21,114	1,655	1,344	1,539	2,796	4,085	3,880	3,056	2,365	394
Property Damage	9,768	519	466	689	1,396	1,578	1,373	1,148	863	1,736

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

2004 Statewide Statistical Summary

TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	136,586	100.0	1,369	131,945	3,272
State Police	18,797	13.8	329	15,900	2,568
County Police	32,019	23.4	443	31,318	258
New York City Police (NYPD)	48,168	35.3	288	47,725	155
Municipal Police (non-NYC)	37,578	27.5	309	36,978	291
Other	5	<0.1	0	5	0
Unknown	19	<0.1	0	19	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	232,758	100.0	1,369	154,980	76,409
State Routes	54,995	23.6	470	34,712	19,813
County Routes	16,036	6.9	174	10,109	5,753
Town Routes	34,195	14.7	223	20,759	13,213
Municipal Streets	95,735	41.1	325	69,899	25,511
Parkways	10,670	4.6	71	7,484	3,115
Thruway	3,072	1.3	23	1,891	1,158
Other Interstates	12,960	5.6	79	8,495	4,386
Unknown	5,095	2.2	4	1,631	3,460

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	232,758	100.0	1,369	154,980	76,409
Single Vehicle Accidents	65,423	28.1	767	45,219	19,437
Two Vehicle Accidents	147,050	63.2	508	93,074	53,468
3 or More Vehicle Accidents	20,285	8.7	94	16,687	3,504

New York State Department of Motor Vehicles
Summary of Motor Vehicle Accidents
2004 Statewide Statistical Summary

TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	136,586	100.0	1,369	131,945	3,272
Accidents With No Factor Reported	22,410	16.4	171	22,119	120
Accidents With One or More Factors Reported	114,176	83.6	1,198	109,826	3,152
Accidents With Human Factors	100,752	73.8	1,134	97,205	2,413
Aggressive Driving/Road Rage	1,096	0.8	12	1,078	6
Alcohol Involvement*	5,306	3.9	185	5,071	50
Backing Unsafely	1,683	1.2	9	1,607	67
Cell Phone (hand held)	197	0.1	3	192	2
Cell Phone (hands free)	38	<0.1	0	37	1
Driver Inattention/Distraction	24,567	18.0	119	24,169	279
Driver Inexperience	3,440	2.5	40	3,364	36
Drugs (Illegal)	282	0.2	7	273	2
Failure to Keep Right	2,984	2.2	126	2,768	90
Failure to Yield R.O.W.	22,353	16.4	183	21,804	366
Fatigued/Drowsy	858	0.6	4	758	96
Fell Asleep	2,012	1.5	31	1,751	230
Following Too Closely	19,090	14.0	15	18,455	620
Illness	689	0.5	15	644	30
Lost Consciousness	852	0.6	14	810	28
Other Electronic Device	53	<0.1	1	52	0
Outside Car Distraction	544	0.4	3	537	4
Passenger Distraction	462	0.3	3	455	4
Passing or Lane Usage Improper	3,986	2.9	105	3,748	133
Pedestrian/Bicyclist/Other Ped Error/Confusion	5,336	3.9	140	5,196	0
Physical Disability	265	0.2	4	240	21
Prescription Medication	195	0.1	1	188	6
Reaction to Other Uninvolved Vehicle	3,834	2.8	17	3,731	86
Traffic Control Disregarded	7,542	5.5	89	7,385	68
Turning Improperly	4,182	3.1	21	4,096	65
Unsafe Lane Changing	3,615	2.6	50	3,394	171
Unsafe Speed*	15,131	11.1	388	14,227	516
Other Human	737	0.5	14	718	5
Accidents With Vehicular Factors	6,380	4.7	45	6,225	110
Accelerator Defective	170	0.1	1	169	0
Brakes Defective	1,256	0.9	5	1,238	13
Driverless/Runaway Vehicle	92	0.1	2	89	1
Headlights Defective	28	<0.1	0	28	0
Other Lighting Defects	81	0.1	2	77	2
Oversized Vehicle	172	0.1	2	163	7
Steering Failure	293	0.2	0	291	2
Tire Failure/Inadequate	627	0.5	8	588	31
Tow Hitch Defective	23	<0.1	1	20	2
Windshield Inadequate	22	<0.1	1	21	0
Other Vehicular	3,777	2.8	26	3,695	56
Accidents With Environmental Factors	21,560	15.8	164	20,260	1,136
Animal's Action	2,928	2.1	9	2,325	594
Glare	1,635	1.2	15	1,596	24
Lane Marking Improper/Inadequate	60	<0.1	0	60	0
Obstruction/Debris	798	0.6	12	747	39
Pavement Defective	317	0.2	0	315	2
Pavement Slippery	13,219	9.7	92	12,693	434
Shoulders Defective/Improper	69	0.1	2	63	4
Traffic Control Device Improper/Non-Working	209	0.2	3	204	2
View Obstructed/Limited	2,903	2.1	36	2,811	56
Other Environmental	93	0.1	4	89	0

* 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."
Note: Many accidents have multiple factors reported.

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

2004 Statewide Statistical Summary

TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	378,884	100.0	1,975	263,397	113,512
Male	231,494	61.1	1,504	162,351	67,639
Under 16	149	<0.1	6	127	16
16 - 17	6,493	1.7	51	4,500	1,942
18 - 20	17,493	4.6	148	12,658	4,687
21 - 24	22,035	5.8	175	16,152	5,708
25 - 29	23,703	6.3	146	17,817	5,740
30 - 34	23,175	6.1	145	17,376	5,654
35 - 39	24,176	6.4	166	17,779	6,231
40 - 44	25,497	6.7	136	18,491	6,870
45 - 49	22,985	6.1	128	16,074	6,783
50 - 54	18,454	4.9	90	12,379	5,985
55 - 59	14,614	3.9	82	9,539	4,993
60 - 64	10,027	2.6	55	6,406	3,566
65 - 69	6,875	1.8	54	4,163	2,658
70 - 74	5,207	1.4	27	3,026	2,154
75 - 79	4,397	1.2	41	2,515	1,841
80 and Over	4,357	1.1	53	2,476	1,828
Unknown Age	1,857	0.5	1	873	983
Female	147,224	38.9	456	100,948	45,820
Under 16	56	<0.1	0	51	5
16 - 17	5,210	1.4	17	3,693	1,500
18 - 20	12,367	3.3	30	9,000	3,337
21 - 24	14,894	3.9	32	10,819	4,043
25 - 29	14,848	3.9	40	11,059	3,749
30 - 34	14,157	3.7	34	10,479	3,644
35 - 39	15,307	4.0	37	11,062	4,208
40 - 44	16,175	4.3	46	11,076	5,053
45 - 49	14,101	3.7	34	9,378	4,689
50 - 54	11,326	3.0	41	7,288	3,997
55 - 59	8,852	2.3	25	5,586	3,241
60 - 64	6,014	1.6	30	3,703	2,281
65 - 69	4,058	1.1	15	2,321	1,722
70 - 74	3,377	0.9	18	1,904	1,455
75 - 79	2,977	0.8	30	1,647	1,300
80 and Over	2,884	0.8	27	1,666	1,191
Unknown Age	621	0.2	0	216	405
Unknown Gender	166	<0.1	15	98	53

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

2004 Statewide Statistical Summary

Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	222,332	100.0	1,495	220,837
Under 5	2,921	1.3	11	2,910
5 - 9	5,404	2.4	19	5,385
10 - 13	6,047	2.7	31	6,016
14 - 17	13,241	6.0	94	13,147
18 - 20	19,163	8.6	133	19,030
21 - 24	22,506	10.1	133	22,373
25 - 29	22,171	10.0	115	22,056
30 - 34	19,888	8.9	95	19,793
35 - 39	17,169	7.7	96	17,073
40 - 44	10,475	4.7	74	10,401
45 - 49	20,109	9.0	100	20,009
50 - 54	19,920	9.0	110	19,810
55 - 59	13,806	6.2	85	13,721
60 - 64	7,171	3.2	60	7,111
65 - 69	4,898	2.2	65	4,833
70 - 74	3,947	1.8	55	3,892
75 - 79	3,419	1.5	80	3,339
80 and Over	3,809	1.7	116	3,693
Unknown Age	6,268	2.8	23	6,245

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	352,404	100.0	976	9,321	20,119	132,517	4,171	185,300
No Restraint Used	18,749	5.3	260	1,380	1,812	6,957	245	8,095
Air Bag Deployed	2,775	0.8	90	331	476	1,274	41	563
with Child Restraint	57	<0.1	0	1	10	9	0	37
with Harness	1,298	0.4	10	77	192	689	19	311
with Lap Belt	1,320	0.4	10	81	215	704	12	298
with Lap Belt & Harness	19,115	5.4	149	1,217	3,456	9,889	195	4,209
Child Restraint Only	8,383	2.4	7	51	399	1,143	52	6,731
Harness	7,421	2.1	17	192	330	2,854	125	3,903
Lap Belt	25,182	7.1	14	547	898	8,760	369	14,594
Lap Belt & Harness	234,427	66.5	292	4,560	10,995	89,434	2,619	126,527
Other	121	<0.1	0	6	5	43	0	67
Unknown	33,556	9.5	127	878	1,331	10,761	494	19,965
Motorcyclists	4,675	100.0	148	1,018	1,362	1,780	90	277
No Helmet Used	701	15.0	15	145	206	292	8	35
Helmet Used	3,441	73.6	122	780	1,018	1,268	66	187
Unknown	533	11.4	11	93	138	220	16	55
Bicyclists	5,722	100.0	41	622	1,750	3,010	144	155
No Helmet Used	2,690	47.0	20	308	835	1,414	46	67
Helmet Used	431	7.5	3	51	164	198	9	6
Unknown	2,601	45.5	18	263	751	1,398	89	82