

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

2006 Statewide Statistical Summary

TABLE 1 Accident Summary Totals		
Category Totals	All Accidents	Police Reported
Total Accidents	270,700†	201,606†
Fatal Accidents	1,330	1,330
Non-Fatal Personal Injury Accidents	138,311	122,881
Reportable Property Damage Accidents	131,059†	77,395†
Vehicles	484,998	359,160
Drivers Involved	457,778	340,126
Vehicle Occupants	644,577	501,565
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	15,702	15,129
Bicycle/Motor Vehicle Accidents	5,565	5,402
Motorcycle Accidents	4,912	4,550
Fatalities		
Persons Killed (1)	1,433	1,433
Drivers Killed	801	801
Passengers Killed	269	269
Pedestrians Killed	315	315
Bicyclists Killed	45	45
Other	3	3
Non-Fatal Injuries		
Persons Injured (1)	195,644	176,074
Drivers Injured	119,411	105,249
Passengers Injured	54,629	50,072
Pedestrians Injured	15,369	14,806
Bicyclists Injured	5,426	5,285
Other	809	662
<p>† It is important to note that the data for 2006 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.</p> <p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position</p>		

TABLE 1.1 Statewide Rates	
Fatal Acc Rate/100 Mil Vehicle Miles	0.94
Injury Acc Rate/100 Mil Vehicle Miles	97.88
Death Rate/100 Mil Vehicle Miles	1.01
Injury Rate/100 Mil Vehicle Miles	138.46
Death Rate/100,000 Population	7.42
Injury Rate/100,000 Population	1013.37
Death Rate/100,000 Licensed Drivers	12.86
Injury Rate/100,000 Licensed Drivers	1755.23

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	201,606	100.0
Fatal (K) Accidents	1,330	0.7
Personal Injury Accidents		
Serious (A)	10,781	5.3
Moderate (B)	20,313	10.1
Minor (C)	86,994	43.2
Unknown Severity	4,793	2.4
Property Damage (O) Accidents	77,395	38.4

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.

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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
Total	270,700	11,941	10,398	32,024	35,196	45,893	59,566	38,853	23,085	13,744
Sunday										
Total	31,282	2,964	2,504	2,047	3,495	5,502	5,742	4,529	2,809	1,690
Fatal	193	25	35	17	11	37	26	22	18	2
Personal Injury	16,253	1,591	1,405	1,072	1,828	3,047	3,199	2,395	1,470	246
Property Damage	14,836	1,348	1,064	958	1,656	2,418	2,517	2,112	1,321	1,442
Monday										
Total	37,330	1,149	1,128	5,261	5,130	6,251	8,541	5,226	2,723	1,921
Fatal	168	16	14	21	23	23	30	21	19	1
Personal Injury	19,175	600	491	2,591	2,780	3,452	4,703	2,786	1,464	308
Property Damage	17,987	533	623	2,649	2,327	2,776	3,808	2,419	1,240	1,612
Tuesday										
Total	38,938	1,044	1,002	5,670	5,278	6,399	9,096	5,564	2,965	1,920
Fatal	168	9	13	25	25	12	34	29	20	1
Personal Injury	19,822	536	402	2,868	2,873	3,494	4,830	2,947	1,575	297
Property Damage	18,948	499	587	2,777	2,380	2,893	4,232	2,588	1,370	1,622
Wednesday										
Total	39,727	1,171	1,052	5,757	5,181	6,426	9,368	5,760	3,000	2,012
Fatal	194	17	14	28	19	27	28	42	19	0
Personal Injury	20,320	592	474	2,922	2,750	3,514	5,007	3,099	1,635	327
Property Damage	19,213	562	564	2,807	2,412	2,885	4,333	2,619	1,346	1,685
Thursday										
Total	41,039	1,226	1,106	5,356	5,380	6,760	9,715	6,035	3,340	2,121
Fatal	172	19	10	23	14	25	27	23	30	1
Personal Injury	20,815	639	486	2,702	2,844	3,718	5,187	3,130	1,790	319
Property Damage	20,052	568	610	2,631	2,522	3,017	4,501	2,882	1,520	1,801
Friday										
Total	45,446	1,614	1,333	5,410	5,701	7,742	10,540	6,653	4,233	2,220
Fatal	203	17	16	29	17	24	41	30	29	0
Personal Injury	22,887	815	609	2,651	3,067	4,065	5,533	3,516	2,285	346
Property Damage	22,356	782	708	2,730	2,617	3,653	4,966	3,107	1,919	1,874
Saturday										
Total	36,938	2,773	2,273	2,523	5,031	6,813	6,564	5,086	4,015	1,860
Fatal	232	38	27	16	25	28	34	32	30	2
Personal Injury	19,039	1,505	1,213	1,315	2,634	3,650	3,670	2,725	2,040	287
Property Damage	17,667	1,230	1,033	1,192	2,372	3,135	2,860	2,329	1,945	1,571

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	201,606	100.0	1,330	122,881	77,395
State Police	35,954	17.8	345	14,901	20,708
County Police	55,484	27.5	412	29,951	25,121
New York City Police (NYPD)	50,752	25.2	300	43,917	6,535
Municipal Police (non-NYC)	59,413	29.5	273	34,109	25,031
Other	0	0.0	0	0	0
Unknown	3	<0.1	0	3	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	270,700	100.0	1,330	138,311	131,059
State Routes	71,222	26.3	458	31,579	39,185
County Routes	23,935	8.8	177	10,434	13,324
Town Routes	36,581	13.5	182	16,110	20,289
Municipal Streets	98,999	36.6	321	62,061	36,617
Parkways	13,869	5.1	72	7,474	6,323
Thruway	4,891	1.8	30	1,710	3,151
Other Interstates	15,922	5.9	78	7,531	8,313
Unknown	5,281	2.0	12	1,412	3,857

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	270,700	100.0	1,330	138,311	131,059
Single Vehicle Accidents	83,588	30.9	761	42,827	40,000
Two Vehicle Accidents	165,516	61.1	465	80,506	84,545
3 or More Vehicle Accidents	21,596	8.0	104	14,978	6,514

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	201,606	100.0	1,330	122,881	77,395
Accidents With No Factor Reported	27,340	13.6	154	22,056	5,130
Accidents With One or More Factors Reported	174,266	86.4	1,176	100,825	72,265
Accidents With Human Factors	146,851	72.8	1,117	90,621	55,113
Aggressive Driving/Road Rage	1,513	0.8	19	1,159	335
Alcohol Involvement*	7,547	3.7	169	4,945	2,433
Backing Unsafely	4,359	2.2	9	1,522	2,828
Cell Phone (hand held)	357	0.2	3	222	132
Cell Phone (hands free)	50	<0.1	0	30	20
Driver Inattention/Distraction	35,546	17.6	143	22,729	12,674
Driver Inexperience	5,165	2.6	41	3,345	1,779
Drugs (Illegal)	401	0.2	10	287	104
Failure to Keep Right	4,362	2.2	137	2,630	1,595
Failure to Yield R.O.W.	30,607	15.2	172	19,768	10,667
Fatigued/Drowsy	1,120	0.6	3	737	380
Fell Asleep	3,066	1.5	29	1,873	1,164
Following Too Closely	29,544	14.7	19	17,589	11,936
Illness	896	0.4	18	744	134
Lost Consciousness	945	0.5	18	824	103
Other Electronic Device	65	<0.1	2	44	19
Outside Car Distraction	817	0.4	3	528	286
Passenger Distraction	596	0.3	0	430	166
Passing or Lane Usage Improper	7,581	3.8	99	3,627	3,855
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,698	2.3	138	4,549	11
Physical Disability	318	0.2	7	251	60
Prescription Medication	276	0.1	5	191	80
Reaction to Other Uninvolved Vehicle	6,354	3.2	11	3,842	2,501
Traffic Control Disregarded	9,552	4.7	83	7,074	2,395
Turning Improperly	7,012	3.5	24	3,993	2,995
Unsafe Lane Changing	6,922	3.4	64	3,274	3,584
Unsafe Speed*	20,456	10.1	384	12,704	7,368
Other Human	534	0.3	6	344	184
Accidents With Vehicular Factors	8,610	4.3	43	5,357	3,210
Accelerator Defective	204	0.1	0	137	67
Brakes Defective	1,599	0.8	3	1,109	487
Driverless/Runaway Vehicle	150	0.1	1	88	61
Headlights Defective	50	<0.1	1	42	7
Other Lighting Defects	103	0.1	2	62	39
Oversized Vehicle	458	0.2	2	176	280
Steering Failure	542	0.3	0	330	212
Tire Failure/Inadequate	1,147	0.6	11	564	572
Tow Hitch Defective	85	<0.1	0	30	55
Windshield Inadequate	17	<0.1	0	12	5
Other Vehicular	4,487	2.2	23	2,962	1,502
Accidents With Environmental Factors	36,764	18.2	138	15,528	21,098
Animal's Action	14,858	7.4	6	2,305	12,547
Glare	2,087	1.0	16	1,451	620
Lane Marking Improper/Inadequate	94	<0.1	0	47	47
Obstruction/Debris	1,592	0.8	9	720	863
Pavement Defective	317	0.2	4	239	74
Pavement Slippery	14,334	7.1	70	8,629	5,635
Shoulders Defective/Improper	96	<0.1	1	46	49
Traffic Control Device Improper/Non-Working	265	0.1	0	198	67
View Obstructed/Limited	3,873	1.9	34	2,311	1,528
Other Environmental	84	<0.1	2	45	37

* 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.

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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	457,778	100.0	1,956	243,205	212,617
Male	261,245	57.1	1,461	142,619	117,165
Under 16	116	<0.1	0	69	47
16 - 17	7,448	1.6	37	3,595	3,816
18 - 20	21,008	4.6	118	11,196	9,694
21 - 24	25,563	5.6	175	14,045	11,343
25 - 29	27,235	5.9	152	15,745	11,338
30 - 34	23,643	5.2	132	13,981	9,530
35 - 39	25,942	5.7	142	15,022	10,778
40 - 44	27,838	6.1	141	15,764	11,933
45 - 49	26,124	5.7	134	14,430	11,560
50 - 54	21,701	4.7	102	11,589	10,010
55 - 59	17,595	3.8	89	9,192	8,314
60 - 64	11,987	2.6	69	6,099	5,819
65 - 69	7,796	1.7	41	3,853	3,902
70 - 74	5,742	1.3	33	2,711	2,998
75 - 79	4,868	1.1	38	2,227	2,603
80 and Over	5,086	1.1	57	2,364	2,665
Unknown Age	1,553	0.3	1	737	815
Female	169,172	37.0	449	90,933	77,790
Under 16	36	<0.1	0	23	13
16 - 17	5,901	1.3	16	3,042	2,843
18 - 20	14,640	3.2	50	7,924	6,666
21 - 24	17,603	3.8	49	9,770	7,784
25 - 29	17,585	3.8	35	10,254	7,296
30 - 34	14,676	3.2	30	8,619	6,027
35 - 39	16,585	3.6	32	9,490	7,063
40 - 44	17,668	3.9	41	9,750	7,877
45 - 49	16,456	3.6	42	8,774	7,640
50 - 54	13,529	3.0	29	6,968	6,532
55 - 59	11,023	2.4	25	5,534	5,464
60 - 64	7,336	1.6	18	3,516	3,802
65 - 69	4,875	1.1	26	2,321	2,528
70 - 74	3,706	0.8	12	1,660	2,034
75 - 79	3,409	0.7	17	1,508	1,884
80 and Over	3,617	0.8	27	1,611	1,979
Unknown Age	527	0.1	0	169	358
Unknown Gender	27,361	6.0	46	9,653	17,662

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TABLE 9 Persons Killed or Injured by Age Group

Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	197,077	100.0	1,433	195,644
Under 5	2,521	1.3	11	2,510
5 - 9	4,459	2.3	15	4,444
10 - 13	4,872	2.5	13	4,859
14 - 17	11,084	5.6	68	11,016
18 - 20	16,720	8.5	124	16,596
21 - 24	20,022	10.2	172	19,850
25 - 29	20,444	10.4	123	20,321
30 - 34	16,217	8.2	101	16,116
35 - 39	16,784	8.5	89	16,695
40 - 44	17,199	8.7	95	17,104
45 - 49	15,850	8.0	94	15,756
50 - 54	12,913	6.6	84	12,829
55 - 59	10,278	5.2	73	10,205
60 - 64	6,795	3.4	75	6,720
65 - 69	4,761	2.4	59	4,702
70 - 74	3,562	1.8	56	3,506
75 - 79	3,133	1.6	61	3,072
80 and Over	3,529	1.8	111	3,418
Unknown Age	5,934	3.0	9	5,925

TABLE 10(P) Safety Equipment Used

	Total		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	496,536	100.0	878	8,674	17,634	121,321	3,362	344,667
No Restraint Used	18,390	3.7	241	1,143	1,504	5,407	199	9,896
Air Bag Deployed	3,722	0.7	128	383	507	1,476	36	1,192
with Child Restraint	123	<0.1	0	5	14	25	0	79
with Harness	1,664	0.3	15	93	202	776	14	564
with Lap Belt	1,709	0.3	3	94	194	817	25	576
with Lap Belt & Harness	23,501	4.7	149	1,206	3,214	10,098	203	8,631
Child Restraint Only	13,766	2.8	6	80	379	1,418	57	11,826
Harness	7,768	1.6	13	159	241	2,528	90	4,737
Lap Belt	28,535	5.7	11	604	777	8,400	361	18,382
Lap Belt & Harness	348,599	70.2	213	4,152	9,582	81,487	2,016	251,149
Other	108	<0.1	2	7	4	37	0	58
Unknown	48,651	9.8	97	748	1,016	8,852	361	37,577
Motorcyclists	5,029	100.0	192	990	1,425	1,840	75	507
No Helmet Used	623	12.4	22	119	186	231	12	53
Helmet Used	3,871	77.0	153	796	1,120	1,401	48	353
Unknown	535	10.6	17	75	119	208	15	101
Bicyclists	5,514	100.0	45	615	1,642	2,895	133	184
No Helmet Used	1,914	34.7	20	225	589	1,003	38	39
Helmet Used	413	7.5	6	52	157	181	7	10
Unknown	3,187	57.8	19	338	896	1,711	88	135