

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

2009 Statewide Statistical Summary

TABLE 1 Accident Summary Totals

Category Totals	All Accidents	Police Reported
Total Accidents	314,974	256,953
Fatal Accidents	1,060	1,060
Non-Fatal Personal Injury Accidents	133,888	120,359
Reportable Property Damage Accidents	180,026	135,534
Vehicles	557,282	452,937
Drivers Involved	519,761	424,134
Vehicle Occupants	732,099	614,381
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	15,682	15,124
Bicycle/Motor Vehicle Accidents	5,620	5,444
Motorcycle Accidents	5,150	4,647
Fatalities		
Persons Killed (1)	1,148	1,148
Drivers Killed	603	603
Passengers Killed	209	209
Pedestrians Killed	307	307
Bicyclists Killed	29	29
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	186,034	168,938
Drivers Injured	112,855	100,723
Passengers Injured	51,499	47,435
Pedestrians Injured	15,321	14,760
Bicyclists Injured	5,405	5,240
Other	954	780

(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	0.79
Injury Acc Rate/100 Mil Vehicle Miles	100.30
Death Rate/100 Mil Vehicle Miles	0.86
Injury Rate/100 Mil Vehicle Miles	139.36
Death Rate/100,000 Population	5.87
Injury Rate/100,000 Population	952.00
Death Rate/100,000 Licensed Drivers	10.13
Injury Rate/100,000 Licensed Drivers	1642.03

TABLE 2(P) Severity of Accident

	Number	Percent
Total	256,953	100.0
Fatal (K) Accidents	1,060	0.4
Personal Injury Accidents		
Serious (A)	10,647	4.1
Moderate (B)	18,199	7.1
Minor (C)	86,580	33.7
Unknown Severity	4,933	1.9
Property Damage (O) Accidents	135,534	52.7

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	314,974	13,838	12,086	37,634	42,138	54,822	69,436	45,531	27,014	12,475
Sunday										
Total	36,916	3,343	2,787	2,639	4,553	6,763	6,738	5,257	3,325	1,511
Fatal	207	42	35	12	20	20	33	29	15	1
Personal Injury	15,817	1,477	1,244	1,036	1,976	3,018	3,204	2,253	1,406	203
Property Damage	20,892	1,824	1,508	1,591	2,557	3,725	3,501	2,975	1,904	1,307
Monday										
Total	43,815	1,446	1,250	6,301	6,031	7,618	10,161	6,099	3,150	1,759
Fatal	138	10	10	18	17	17	26	19	19	2
Personal Injury	18,666	593	414	2,479	2,664	3,477	4,629	2,755	1,405	250
Property Damage	25,011	843	826	3,804	3,350	4,124	5,506	3,325	1,726	1,507
Tuesday										
Total	45,574	1,109	1,165	6,584	6,403	7,531	10,888	6,561	3,475	1,858
Fatal	123	10	7	14	12	23	23	16	16	2
Personal Injury	19,321	453	344	2,633	2,952	3,370	4,830	2,913	1,572	254
Property Damage	26,130	646	814	3,937	3,439	4,138	6,035	3,632	1,887	1,602
Wednesday										
Total	46,768	1,380	1,382	6,763	6,292	7,892	10,889	6,793	3,630	1,747
Fatal	125	8	11	11	17	16	20	19	23	0
Personal Injury	19,660	572	447	2,657	2,713	3,537	4,797	3,014	1,675	248
Property Damage	26,983	800	924	4,095	3,562	4,339	6,072	3,760	1,932	1,499
Thursday										
Total	48,129	1,650	1,431	6,640	6,765	7,946	10,949	6,892	3,882	1,974
Fatal	127	10	5	12	13	17	22	25	21	2
Personal Injury	20,242	702	485	2,586	2,855	3,626	4,964	2,978	1,757	289
Property Damage	27,760	938	941	4,042	3,897	4,303	5,963	3,889	2,104	1,683
Friday										
Total	51,112	1,737	1,546	5,839	6,402	8,991	12,114	7,715	4,807	1,961
Fatal	168	15	9	10	18	24	37	31	23	1
Personal Injury	21,813	768	577	2,368	2,783	4,065	5,409	3,452	2,121	270
Property Damage	29,131	954	960	3,461	3,601	4,902	6,668	4,232	2,663	1,690
Saturday										
Total	42,660	3,173	2,525	2,868	5,692	8,081	7,697	6,214	4,745	1,665
Fatal	172	35	31	3	12	20	17	29	24	1
Personal Injury	18,369	1,411	1,140	1,178	2,459	3,639	3,560	2,721	2,036	225
Property Damage	24,119	1,727	1,354	1,687	3,221	4,422	4,120	3,464	2,685	1,439

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	256,953	100.0	1,060	120,359	135,534
State Police	48,477	18.9	244	15,077	33,156
County Police	73,286	28.5	356	29,169	43,761
New York City Police (NYPD)	52,319	20.4	256	42,224	9,839
Municipal Police (non-NYC)	82,866	32.2	204	33,887	48,775
Unknown	5	<0.1	0	2	3

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total					
State Routes	Data for this table are not available at this time.				
County Routes					
Town Routes					
Municipal Streets					
Parkways					
Thruway					
Other Interstates					
Unknown					

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	314,974	100.0	1,060	133,888	180,026
Single Vehicle Accidents	101,080	32.1	620	42,031	58,429
Two Vehicle Accidents	191,021	60.6	359	77,417	113,245
3 or More Vehicle Accidents	22,873	7.3	81	14,440	8,352

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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	256,953	100.0	1,060	120,359	135,534
Accidents With No Factor Reported	27,110	10.6	114	20,468	6,528
Accidents With One or More Factors Reported	229,843	89.4	946	99,891	129,006
Accidents With Human Factors	189,220	73.6	901	89,780	98,539
Aggressive Driving/Road Rage	1,605	0.6	14	1,025	566
Alcohol Involvement*	8,439	3.3	148	4,526	3,765
Backing Unsafely	8,968	3.5	12	1,637	7,319
Cell Phone (hand held)	517	0.2	5	269	243
Cell Phone (hands free)	56	<0.1	1	27	28
Driver Inattention/Distraction	47,713	18.6	119	23,631	23,963
Driver Inexperience	5,917	2.3	34	3,083	2,800
Drugs (Illegal)	537	0.2	6	342	189
Failure to Keep Right	5,281	2.1	122	2,453	2,706
Failure to Yield R.O.W.	37,036	14.4	135	19,319	17,582
Fatigued/Drowsy	1,301	0.5	5	700	596
Fell Asleep	3,223	1.3	14	1,600	1,609
Following Too Closely	38,582	15.0	11	18,606	19,965
Illness	1,075	0.4	16	821	238
Lost Consciousness	1,088	0.4	13	906	169
Other Electronic Device	133	0.1	1	65	67
Outside Car Distraction	1,080	0.4	7	558	515
Passenger Distraction	705	0.3	4	409	292
Passing or Lane Usage Improper	10,594	4.1	68	3,733	6,793
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,148	1.6	120	4,011	17
Physical Disability	380	0.1	2	247	131
Prescription Medication	407	0.2	7	247	153
Reaction to Other Uninvolved Vehicle	8,461	3.3	8	3,909	4,544
Traffic Control Disregarded	10,390	4.0	74	6,450	3,866
Turning Improperly	9,242	3.6	13	3,901	5,328
Unsafe Lane Changing	9,242	3.6	40	3,299	5,903
Unsafe Speed*	28,263	11.0	309	12,867	15,087
Other Human	256	0.1	1	129	126
Accidents With Vehicular Factors	10,270	4.0	33	5,105	5,132
Accelerator Defective	270	0.1	0	154	116
Brakes Defective	1,798	0.7	4	1,020	774
Driverless/Runaway Vehicle	209	0.1	2	94	113
Headlights Defective	54	<0.1	0	33	21
Other Lighting Defects	118	<0.1	0	58	60
Oversized Vehicle	609	0.2	2	154	453
Steering Failure	676	0.3	1	303	372
Tire Failure/Inadequate	1,445	0.6	5	548	892
Tow Hitch Defective	100	<0.1	0	18	82
Windshield Inadequate	37	<0.1	0	23	14
Other Vehicular	5,196	2.0	20	2,817	2,359
Accidents With Environmental Factors	58,164	22.6	91	16,577	41,496
Animal's Action	22,321	8.7	7	2,271	20,043
Glare	2,308	0.9	6	1,216	1,086
Lane Marking Improper/Inadequate	119	<0.1	0	50	69
Obstruction/Debris	1,889	0.7	1	650	1,238
Pavement Defective	376	0.1	0	223	153
Pavement Slippery	26,955	10.5	57	10,251	16,647
Shoulders Defective/Improper	80	<0.1	0	36	44
Traffic Control Device Improper/Non-Working	229	0.1	1	136	92
View Obstructed/Limited	4,914	1.9	22	2,161	2,731
Other Environmental	66	<0.1	0	22	44

* 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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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	519,761	100.0	1,533	234,347	283,881
Male	292,537	56.3	1,133	135,817	155,587
Under 16	65	<0.1	2	41	22
16 - 17	7,169	1.4	33	2,771	4,365
18 - 20	24,141	4.6	102	10,472	13,567
21 - 24	29,033	5.6	125	13,397	15,511
25 - 29	30,691	5.9	137	14,924	15,630
30 - 34	26,296	5.1	84	13,158	13,054
35 - 39	26,224	5.0	91	12,981	13,152
40 - 44	28,465	5.5	117	13,948	14,400
45 - 49	29,330	5.6	101	13,971	15,258
50 - 54	26,144	5.0	99	12,355	13,690
55 - 59	20,655	4.0	69	9,219	11,367
60 - 64	15,485	3.0	52	6,689	8,744
65 - 69	9,920	1.9	29	4,130	5,761
70 - 74	6,584	1.3	25	2,677	3,882
75 - 79	5,042	1.0	26	2,075	2,941
80 and Over	6,026	1.2	41	2,403	3,582
Unknown Age	1,267	0.2	0	606	661
Female	196,424	37.8	346	89,426	106,652
Under 16	13	<0.1	0	8	5
16 - 17	5,858	1.1	9	2,426	3,423
18 - 20	17,410	3.3	33	7,642	9,735
21 - 24	21,244	4.1	38	9,897	11,309
25 - 29	21,096	4.1	31	10,225	10,840
30 - 34	17,005	3.3	29	8,554	8,422
35 - 39	17,343	3.3	28	8,360	8,955
40 - 44	18,674	3.6	26	8,868	9,780
45 - 49	19,295	3.7	32	8,853	10,410
50 - 54	16,210	3.1	20	7,368	8,822
55 - 59	12,819	2.5	22	5,498	7,299
60 - 64	9,714	1.9	15	4,091	5,608
65 - 69	6,611	1.3	15	2,621	3,975
70 - 74	4,384	0.8	15	1,693	2,676
75 - 79	3,641	0.7	9	1,388	2,244
80 and Over	4,631	0.9	24	1,780	2,827
Unknown Age	476	0.1	0	154	322
Unknown Gender	30,800	5.9	54	9,104	21,642

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TABLE 9 Persons Killed or Injured by Age Group and Injury Severity								
Age Group	Persons Killed & Injured		Persons Killed	Persons Injured by Severity				
	Number	Percent		Total	Serious (A)	Moderate (B)	Minor (C)	Unk Injury
Total	187,182	100.0	1,148	186,034	12,988	21,865	147,877	3,304
Under 5	2,350	1.3	15	2,335	122	450	1,719	44
5 - 9	3,913	2.1	20	3,893	238	680	2,899	76
10 - 13	4,269	2.3	11	4,258	266	715	3,169	108
14 - 17	8,820	4.7	50	8,770	673	1,680	6,285	132
18 - 20	15,513	8.3	94	15,419	1,176	2,425	11,584	234
21 - 24	19,193	10.3	112	19,081	1,393	2,563	14,754	371
25 - 29	19,802	10.6	110	19,692	1,334	2,092	15,927	339
30 - 34	15,905	8.5	79	15,826	992	1,597	12,976	261
35 - 39	14,528	7.8	56	14,472	928	1,357	11,910	277
40 - 44	15,404	8.2	79	15,325	1,012	1,355	12,711	247
45 - 49	15,698	8.4	86	15,612	1,043	1,330	12,959	280
50 - 54	13,531	7.2	65	13,466	975	1,191	11,071	229
55 - 59	10,221	5.5	75	10,146	728	960	8,281	177
60 - 64	7,683	4.1	55	7,628	512	741	6,271	104
65 - 69	5,013	2.7	47	4,966	390	586	3,896	94
70 - 74	3,379	1.8	46	3,333	271	432	2,584	46
75 - 79	2,727	1.5	33	2,694	251	399	2,003	41
80 and Over	3,628	1.9	99	3,529	349	688	2,443	49
Unknown Age	5,605	3.0	16	5,589	335	624	4,435	195

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	609,266	100.0	661	8,672	14,875	117,577	2,683	464,798
No Restraint Used	18,006	3.0	129	928	1,106	4,569	151	11,123
Air Bag Deployed	4,214	0.7	111	396	456	1,524	33	1,694
with Child Restraint	182	<0.1	1	6	14	51	0	110
with Harness	1,408	0.2	7	69	147	585	12	588
with Lap Belt	2,045	0.3	7	95	175	876	23	869
with Lap Belt & Harness	27,310	4.5	145	1,264	2,805	10,812	123	12,161
Child Restraint Only	17,295	2.8	4	69	345	1,367	33	15,477
Harness	5,462	0.9	4	93	96	1,402	60	3,807
Lap Belt	27,241	4.5	10	536	549	7,068	329	18,749
Lap Belt & Harness	451,336	74.1	167	4,602	8,325	81,845	1,646	354,751
Other	131	<0.1	1	6	9	15	0	100
Unknown	54,636	9.0	75	608	848	7,463	273	45,369
Motorcyclists	5,115	100.0	151	1,024	1,366	1,904	57	613
No Helmet Used	557	10.9	15	106	177	195	4	60
Helmet Used	4,046	79.1	131	825	1,079	1,521	37	453
Unknown	512	10.0	5	93	110	188	16	100
Bicyclists	5,517	100.0	29	593	1,686	2,841	120	248
No Helmet Used	2,580	46.8	14	291	810	1,334	40	91
Helmet Used	655	11.9	6	67	242	303	11	26
Unknown	2,282	41.4	9	235	634	1,204	69	131