

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

2014 Statewide Statistical Summary

TABLE 1 Crash Summary Totals		
Category Totals	All Crashes	Police Reported
Total Crashes	299,452	254,829
Fatal Crashes	966	966
Non-Fatal Personal Injury Crashes	118,465	108,862
Reportable Property Damage Crashes	180,021	145,001
Vehicles	527,320	449,911
Drivers Involved	489,047	418,581
Vehicle Occupants	686,528	600,955
Special Crash Series		
Pedestrian/Motor Vehicle Crashes	14,952	14,408
Bicycle/Motor Vehicle Crashes	5,827	5,620
Motorcycle Crashes	4,750	4,357
Fatalities		
Persons Killed (1)	1,026	1,026
Drivers Killed	571	571
Passengers Killed	140	140
Pedestrians Killed	268	268
Bicyclists Killed	47	47
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	160,497	148,620
Drivers Injured	96,547	88,218
Passengers Injured	42,979	40,220
Pedestrians Injured	14,906	14,346
Bicyclists Injured	5,647	5,457
Other	418	379
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</small>		

TABLE 1.1 Statewide Rates	
Fatal Crash Rate/100 Mil Vehicle Miles (VMT)	0.75
Injury Crash Rate/100 Mil Vehicle Miles (VMT)	91.65
Death Rate/100 Mil Vehicle Miles (VMT)	0.79
Injury Rate/100 Mil Vehicle Miles (VMT)	124.16
Death Rate/100,000 Population	5.20
Injury Rate/100,000 Population	812.80
Death Rate/100,000 Licensed Drivers	8.85
Injury Rate/100,000 Licensed Drivers	1384.43

Note: 2014 statewide VMT rates are comparable to 2010-2013 VMT rates, but not to rates prior to 2010 as the methodology used by the NYS DOT to calculate VMT was revised in 2010 to comply with federal guidelines.

TABLE 2(P) Severity of Crash		
	Number	Percent
Total	254,829	100.0
Fatal (K) Crashes	966	0.4
Personal Injury Crashes		
Serious (A)	9,168	3.6
Moderate (B)	15,990	6.3
Minor (C)	79,092	31.0
Unknown Severity	4,612	1.8
Property Damage (O) Crashes	145,001	56.9

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash 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 Crashes	Time of Day								
		Mid-3am	3am-6am	6am-9am	9am-Noon	Noon-3pm	3pm-6pm	6pm-9pm	9pm-Mid	Unknown
Total	299,452	11,906	11,462	38,125	42,356	52,173	65,433	43,197	24,893	9,907
Sunday										
Total	32,908	2,772	2,350	2,341	4,143	5,896	6,141	4,904	3,152	1,209
Fatal	160	20	22	15	14	25	28	20	15	1
Personal Injury	13,406	1,120	975	841	1,670	2,618	2,716	2,096	1,237	133
Property Damage	19,342	1,632	1,353	1,485	2,459	3,253	3,397	2,788	1,900	1,075
Monday										
Total	42,866	1,216	1,422	6,671	6,418	7,219	9,826	5,814	2,867	1,413
Fatal	129	6	14	14	16	22	19	19	19	0
Personal Injury	17,083	462	437	2,540	2,605	3,036	4,103	2,480	1,254	166
Property Damage	25,654	748	971	4,117	3,797	4,161	5,704	3,315	1,594	1,247
Tuesday										
Total	43,480	1,067	1,193	6,505	6,292	7,380	10,322	6,243	3,072	1,406
Fatal	116	7	13	15	15	19	19	18	10	0
Personal Injury	17,417	409	349	2,341	2,613	3,051	4,507	2,691	1,277	179
Property Damage	25,947	651	831	4,149	3,664	4,310	5,796	3,534	1,785	1,227
Wednesday										
Total	45,604	1,267	1,342	6,646	6,545	8,019	10,511	6,533	3,327	1,414
Fatal	132	16	14	16	20	14	21	14	17	0
Personal Injury	17,577	495	414	2,481	2,540	3,168	4,230	2,704	1,354	191
Property Damage	27,895	756	914	4,149	3,985	4,837	6,260	3,815	1,956	1,223
Thursday										
Total	45,444	1,266	1,373	6,595	6,298	7,704	10,396	6,656	3,636	1,520
Fatal	121	15	9	19	11	11	22	17	17	0
Personal Injury	17,794	486	460	2,420	2,604	3,175	4,259	2,724	1,493	173
Property Damage	27,529	765	904	4,156	3,683	4,518	6,115	3,915	2,126	1,347
Friday										
Total	49,259	1,585	1,519	6,338	6,805	8,467	11,182	7,254	4,546	1,563
Fatal	155	12	14	18	15	27	23	25	21	0
Personal Injury	19,089	634	480	2,265	2,663	3,449	4,598	3,005	1,816	179
Property Damage	30,015	939	1,025	4,055	4,127	4,991	6,561	4,224	2,709	1,384
Saturday										
Total	39,891	2,733	2,263	3,029	5,855	7,488	7,055	5,793	4,293	1,382
Fatal	153	22	18	9	15	18	23	21	27	0
Personal Injury	16,099	1,141	907	1,148	2,274	3,153	3,113	2,416	1,786	161
Property Damage	23,639	1,570	1,338	1,872	3,566	4,317	3,919	3,356	2,480	1,221

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	254,829	100.0	966	108,862	145,001
State Police	48,088	18.9	216	13,393	34,479
County Police	74,545	29.3	290	26,284	47,971
New York City Police (NYPD)	48,302	19.0	239	38,480	9,583
Municipal Police (non-NYC)	83,894	32.9	221	30,705	52,968
Unknown	0	0.0	0	0	0

TABLE 5 Jurisdictional Road System					
	Total Crashes		Severity Class of Crash		
	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 Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	299,452	100.0	966	118,465	180,021
Single Vehicle Crashes	97,082	32.4	597	37,550	58,935
Two Vehicle Crashes	181,822	60.7	275	68,371	113,176
3 or More Vehicle Crashes	20,548	6.9	94	12,544	7,910

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TABLE 7(P) Crash Contributing Factors					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	254,829	100.00	966	108,862	145,001
Crashes With No Factor Reported	14,387	5.6	90	9,765	4,532
Crashes With One or More Factors Reported	240,442	94.4	876	99,097	140,469
Crashes With Human Factors	200,052	78.5	839	90,724	108,489
Aggressive Driving/Road Rage	1,445	0.6	14	889	542
Alcohol Involvement*	7,391	2.9	102	3,813	3,476
Backing Unsafely	11,093	4.4	14	1,981	9,098
Cell Phone (hand held)	587	0.2	2	318	267
Cell Phone (hands free)	57	<0.1	1	27	29
Driver Inattention/Distraction	48,774	19.1	100	24,201	24,473
Driver Inexperience	5,457	2.1	21	2,727	2,709
Drugs (Illegal)	650	0.3	8	376	266
Eating or Drinking**	104	<0.1	0	48	56
Failure to Keep Right	4,842	1.9	88	2,123	2,631
Failure to Yield R.O.W.	40,099	15.7	134	20,447	19,518
Fatigued/Drowsy	1,343	0.5	8	687	648
Fell Asleep	3,177	1.2	17	1,488	1,672
Following too Closely	44,219	17.4	17	20,839	23,363
Illness	1,044	0.4	28	770	246
Listening/Using Headphones**	34	<0.1	0	33	1
Lost Consciousness	1,060	0.4	36	858	166
Other Electronic Device	212	0.1	1	102	109
Outside Car Distraction	924	0.4	1	470	453
Passenger Distraction	740	0.3	0	440	300
Passing or Lane Usage Improper	13,589	5.3	77	4,405	9,107
Passing too Closely**	1,431	0.6	0	634	797
Pedestrian/Bicyclist/Other Ped Error/Confusion	4,773	1.9	140	4,607	26
Physical Disability	385	0.2	5	235	145
Prescription Medication	335	0.1	2	194	139
Reaction to Other Uninvolved Vehicle	7,692	3.0	14	3,265	4,413
Texting**	64	<0.1	0	29	35
Traffic Control Disregarded	10,370	4.1	74	6,420	3,876
Turning Improperly	10,119	4.0	25	4,089	6,005
Unsafe Lane Changing	10,969	4.3	49	3,575	7,345
Unsafe Speed*	27,859	10.9	277	11,959	15,623
Using On Board Navigation Device**	83	<0.1	0	37	46
Other Human	136	0.1	0	63	73
Crashes With Vehicular Factors	10,006	3.9	31	4,624	5,351
Accelerator Defective	280	0.1	0	144	136
Brakes Defective	1,812	0.7	1	988	823
Driverless/Runaway Vehicle	248	0.1	0	126	122
Headlights Defective	58	<0.1	0	38	20
Other Lighting Defects	88	<0.1	0	42	46
Oversized Vehicle	758	0.3	1	197	560
Steering Failure	659	0.3	0	265	394
Tinted Windows**	32	<0.1	1	22	9
Tire Failure/Inadequate	1,417	0.6	6	473	938
Tow Hitch Defective	71	<0.1	0	13	58
Windshield Inadequate	36	<0.1	0	12	24
Other Vehicular	4,829	1.9	23	2,440	2,366
Crashes With Environmental Factors	58,131	22.8	90	14,487	43,554
Animal's Action	23,221	9.1	5	1,930	21,286
Glare	2,539	1.0	12	1,315	1,212
Lane Marking Improper/Inadequate	136	0.1	0	58	78
Obstruction/Debris	1,828	0.7	6	543	1,279
Pavement Defective	429	0.2	2	245	182
Pavement Slippery	25,510	10.0	46	8,426	17,038
Shoulders Defective/Improper	91	<0.1	0	34	57
Traffic Control Device Improper/Non-Working	205	0.1	1	119	85
View Obstructed/Limited	5,198	2.0	20	2,231	2,947
Other Environmental	34	<0.1	0	15	19

* These numbers represent the total number of crashes 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 crashes that occurred in the state. For data on the total number of alcohol-related crashes in New York State, see the separate report titled, "Summary of Alcohol-Related Motor Vehicle Crashes." For data on the total number of speed-related crashes in New York State, see the separate report titled, "Summary of Speed-Related Motor Vehicle Crashes."

** New contributing factor as of October 2010.

Note: Many crashes have multiple factors reported.

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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	489,047	100.0	1,416	205,935	281,696
Male	274,921	56.2	1,016	119,024	154,881
Under 16	75	<0.1	0	40	35
16 - 17	4,687	1.0	10	1,674	3,003
18 - 20	17,782	3.6	58	6,923	10,801
21 - 24	26,992	5.5	100	11,364	15,528
25 - 29	29,937	6.1	117	13,484	16,336
30 - 34	25,747	5.3	97	11,971	13,679
35 - 39	22,875	4.7	82	10,637	12,156
40 - 44	23,639	4.8	75	10,746	12,818
45 - 49	25,398	5.2	88	11,253	14,057
50 - 54	26,175	5.4	112	11,624	14,439
55 - 59	22,913	4.7	70	9,862	12,981
60 - 64	16,852	3.4	59	6,972	9,821
65 - 69	12,189	2.5	35	4,928	7,226
70 - 74	7,840	1.6	44	3,095	4,701
75 - 79	4,936	1.0	29	1,915	2,992
80 and Over	6,114	1.3	40	2,241	3,833
Unknown Age	770	0.2	0	295	475
Female	185,595	38.0	340	78,390	106,865
Under 16	21	<0.1	0	10	11
16 - 17	4,152	0.8	1	1,564	2,587
18 - 20	13,237	2.7	23	5,327	7,887
21 - 24	19,839	4.1	31	8,292	11,516
25 - 29	20,725	4.2	41	9,200	11,484
30 - 34	17,312	3.5	24	7,989	9,299
35 - 39	15,320	3.1	20	7,005	8,295
40 - 44	15,878	3.2	31	7,048	8,799
45 - 49	16,316	3.3	27	7,114	9,175
50 - 54	16,450	3.4	34	6,979	9,437
55 - 59	14,015	2.9	23	5,764	8,228
60 - 64	10,483	2.1	17	4,084	6,382
65 - 69	8,032	1.6	16	3,026	4,990
70 - 74	5,304	1.1	7	1,975	3,322
75 - 79	3,654	0.7	17	1,318	2,319
80 and Over	4,566	0.9	28	1,599	2,939
Unknown Age	291	0.1	0	96	195
Unknown Gender	28,531	5.8	60	8,521	19,950

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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	161,523	100.0	1,026	160,497	10,874	18,806	127,263	3,554
Under 5	2,119	1.3	6	2,113	91	361	1,400	261
5 - 9	3,330	2.1	10	3,320	157	529	2,508	126
10 - 13	3,455	2.1	9	3,446	172	537	2,627	110
14 - 17	5,975	3.7	19	5,956	464	1,042	4,307	143
18 - 20	10,301	6.4	66	10,235	801	1,685	7,567	182
21 - 24	15,850	9.8	81	15,769	1,206	2,254	11,998	311
25 - 29	17,503	10.8	120	17,383	1,189	2,118	13,708	368
30 - 34	14,747	9.1	73	14,674	960	1,533	11,883	298
35 - 39	12,070	7.5	58	12,012	706	1,157	9,911	238
40 - 44	11,918	7.4	62	11,856	722	1,088	9,819	227
45 - 49	12,435	7.7	70	12,365	778	1,067	10,279	241
50 - 54	12,908	8.0	74	12,834	834	1,078	10,719	203
55 - 59	10,732	6.6	69	10,663	722	975	8,766	200
60 - 64	7,773	4.8	66	7,707	564	735	6,246	162
65 - 69	5,645	3.5	44	5,601	393	617	4,489	102
70 - 74	3,792	2.3	48	3,744	270	476	2,928	70
75 - 79	2,580	1.6	51	2,529	232	366	1,882	49
80 and Over	3,304	2.0	90	3,214	324	577	2,250	63
Unknown Age	5,086	3.1	10	5,076	289	611	3,976	200

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	596,163	100.0	565	7,214	12,274	101,952	2,949	471,209
No Restraint Used	16,068	2.7	105	641	778	3,997	186	10,361
Air Bag Deployed	3,247	0.5	86	295	339	1,173	45	1,309
with Child Restraint	349	0.1	0	5	27	96	13	208
with Harness	1,021	0.2	4	45	78	383	5	506
with Lap Belt	2,036	0.3	10	93	185	872	20	856
with Lap Belt & Harness	28,269	4.7	193	1,283	2,641	10,554	156	13,442
Child Restraint Only	16,763	2.8	1	63	291	1,309	225	14,874
Harness	3,520	0.6	0	42	70	780	51	2,577
Lap Belt	25,839	4.3	3	394	440	6,361	405	18,236
Lap Belt & Harness	441,743	74.1	118	3,834	6,750	70,644	1,553	358,844
Other	223	<0.1	1	4	7	26	1	184
Unknown	57,085	9.6	44	515	668	5,757	289	49,812
Motorcyclists	4,792	100.0	146	908	1,273	1,815	53	597
No Helmet Used	476	9.9	13	86	126	193	6	52
Helmet Used	3,916	81.7	122	770	1,060	1,475	37	452
Unknown	400	8.3	11	52	87	147	10	93
Bicyclists	5,683	100.0	47	542	1,780	2,985	150	179
No Helmet Used	2,353	41.4	28	249	752	1,222	43	59
Helmet Used	1,072	18.9	6	94	369	552	30	21
Unknown	2,258	39.7	13	199	659	1,211	77	99