

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

2011

TABLE 1 New York City Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	73,060	52,371
Fatal Crashes	250	250
Non-Fatal Personal Injury Crashes	49,634	41,649
Reportable Property Damage Crashes	23,176	10,472
Vehicles	137,623	96,736
Drivers Involved	125,372	88,404
Vehicle Occupants	182,903	136,866
Special NYC Crash Series		
Pedestrian/Motor Vehicle Crashes	10,794	10,251
Bicycle/Motor Vehicle Crashes	3,613	3,399
Motorcycle Crashes	1,415	1,204
Fatalities		
Persons Killed (1)	268	268
Drivers Killed	59	59
Passengers Killed	44	44
Pedestrians Killed	143	143
Bicyclists Killed	22	22
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	69,955	59,774
Drivers Injured	33,658	26,877
Passengers Injured	21,622	19,110
Pedestrians Injured	10,660	10,106
Bicyclists Injured	3,504	3,288
Other	511	393
<small>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</small>		

TABLE 2(P) Severity of Crash		
	Number	Percent
Total	52,371	100.0
Fatal (K) Crashes	250	0.5
Personal Injury Crashes		
Serious (A)	2,942	5.6
Moderate (B)	5,311	10.1
Minor (C)	30,731	58.7
Unknown Severity	2,665	5.1
Property Damage (O) Crashes	10,472	20.0

TABLE 1.1 Statewide Rates	
Fatal Crash Rate/100 Mil Vehicle Miles (VMT)	0.84
Injury Crash Rate/100 Mil Vehicle Miles (VMT)	100.24
Death Rate/100 Mil Vehicle Miles (VMT)	0.90
Injury Rate/100 Mil Vehicle Miles (VMT)	138.92
Death Rate/100,000 Population	5.92
Injury Rate/100,000 Population	911.60
Death Rate/100,000 Licensed Drivers	10.28
Injury Rate/100,000 Licensed Drivers	1582.81

Note: 2011 statewide VMT rates are comparable to 2010 VMT rates, but not to VMT rates prior to 2010 as the methodology used by the NYS DOT to calculate VMT was revised in 2010 to comply with federal guidelines.

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	73,060	3,737	3,116	7,702	9,995	11,586	14,549	11,393	7,236	3,746
Sunday										
Total	8,957	834	886	630	921	1,484	1,580	1,243	896	483
Fatal	30	5	8	5	3	2	1	5	1	0
Personal Injury	6,112	615	633	416	616	1,031	1,104	924	676	97
Property Damage	2,815	214	245	209	302	451	475	314	219	386
Monday										
Total	10,117	385	318	1,265	1,526	1,597	2,131	1,543	854	498
Fatal	38	3	4	2	2	6	5	6	10	0
Personal Injury	6,884	297	221	814	1,026	1,101	1,495	1,159	661	110
Property Damage	3,195	85	93	449	498	490	631	378	183	388
Tuesday										
Total	10,893	380	222	1,325	1,543	1,742	2,287	1,852	977	565
Fatal	31	2	2	5	2	3	4	7	6	0
Personal Injury	7,489	269	157	903	1,011	1,241	1,646	1,399	730	133
Property Damage	3,373	109	63	417	530	498	637	446	241	432
Wednesday										
Total	10,642	407	253	1,332	1,659	1,635	2,177	1,668	996	515
Fatal	34	4	7	3	4	5	2	8	1	0
Personal Injury	7,238	291	155	896	1,086	1,136	1,545	1,244	764	121
Property Damage	3,370	112	91	433	569	494	630	416	231	394
Thursday										
Total	10,666	426	249	1,238	1,536	1,620	2,215	1,745	1,083	554
Fatal	35	1	7	6	1	6	7	4	3	0
Personal Injury	7,258	306	161	841	1,072	1,123	1,526	1,297	806	126
Property Damage	3,373	119	81	391	463	491	682	444	274	428
Friday										
Total	11,708	484	398	1,192	1,617	1,904	2,422	1,810	1,270	611
Fatal	41	5	3	6	6	5	5	3	8	0
Personal Injury	7,819	332	271	811	1,080	1,292	1,624	1,318	967	124
Property Damage	3,848	147	124	375	531	607	793	489	295	487
Saturday										
Total	10,077	821	790	720	1,193	1,604	1,737	1,532	1,160	520
Fatal	41	3	9	2	3	3	5	8	8	0
Personal Injury	6,834	566	558	472	772	1,100	1,212	1,154	884	116
Property Damage	3,202	252	223	246	418	501	520	370	268	404

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	52,371	100.0	250	41,649	10,472
State Police	0	0.0	0	0	0
County Police	29	0.1	0	14	15
New York City Police (NYPD)	52,336	99.9	250	41,632	10,454
Municipal Police (non-NYC)	5	<0.1	0	2	3
Unknown	1	<0.1	0	1	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	73,060	100.0	250	49,634	23,176
Single Vehicle Crashes	18,095	24.8	174	16,355	1,566
Two Vehicle Crashes	47,736	65.3	54	27,902	19,780
3 or More Vehicle Crashes	7,229	9.9	22	5,377	1,830

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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	52,371	100.0	250	41,649	10,472
Crashes With No Factor Reported	12,444	23.8	57	10,332	2,055
Crashes With One or More Factors Reported	39,927	76.2	193	31,317	8,417
Crashes With Human Factors	36,208	69.1	183	28,401	7,624
Aggressive Driving/Road Rage	840	1.6	6	691	143
Alcohol Involvement	1,054	2.0	17	822	215
Backing Unsafely	1,247	2.4	3	916	328
Cell Phone (hand held)	80	0.2	0	65	15
Cell Phone (hands free)	15	<0.1	0	11	4
Driver Inattention/Distraction	12,290	23.5	53	9,602	2,635
Driver Inexperience	1,722	3.3	7	1,283	432
Drugs (Illegal)	88	0.2	1	76	11
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	368	0.7	3	252	113
Failure to Yield R.O.W.	6,533	12.5	26	5,501	1,006
Fatigued/Drowsy	263	0.5	0	194	69
Fell Asleep	325	0.6	1	229	95
Following too Closely	6,569	12.5	5	4,918	1,646
Illness	179	0.3	2	167	10
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	200	0.4	1	190	9
Other Electronic Device	49	0.1	0	38	11
Outside Car Distraction	283	0.5	0	235	48
Passenger Distraction	279	0.5	1	217	61
Passing or Lane Usage Improper	1,658	3.2	7	1,104	547
Passing too Closely*	14	<0.1	0	13	1
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,790	5.3	46	2,744	0
Physical Disability	83	0.2	0	73	10
Prescription Medication	42	0.1	0	38	4
Reaction to Other Uninvolved Vehicle	1,913	3.7	5	1,397	511
Texting*	1	<0.1	0	0	1
Traffic Control Disregarded	2,613	5.0	20	2,238	355
Turning Improperly	2,208	4.2	12	1,638	558
Unsafe Lane Changing	1,942	3.7	2	1,180	760
Unsafe Speed	3,508	6.7	55	2,710	743
Using On Board Navigation Device*	1	<0.1	0	1	0
Other Human	9	<0.1	0	7	2
Crashes With Vehicular Factors	3,070	5.9	17	2,408	645
Accelerator Defective	91	0.2	0	75	16
Brakes Defective	535	1.0	0	457	78
Driverless/Runaway Vehicle	54	0.1	0	40	14
Headlights Defective	13	<0.1	0	12	1
Other Lighting Defects	17	<0.1	0	14	3
Oversized Vehicle	321	0.6	1	174	146
Steering Failure	147	0.3	0	103	44
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	185	0.4	0	141	44
Tow Hitch Defective	15	<0.1	0	8	7
Windshield Inadequate	8	<0.1	0	5	3
Other Vehicular	1,798	3.4	16	1,468	314
Crashes With Environmental Factors	3,897	7.4	14	3,049	834
Animal's Action	64	0.1	0	40	24
Glare	388	0.7	3	335	50
Lane Marking Improper/Inadequate	55	0.1	0	28	27
Obstruction/Debris	254	0.5	0	195	59
Pavement Defective	214	0.4	1	159	54
Pavement Slippery	2,199	4.2	3	1,667	529
Shoulders Defective/Improper	16	<0.1	0	15	1
Traffic Control Device Improper/Non-Working	85	0.2	0	73	12
View Obstructed/Limited	833	1.6	7	703	123
Other Environmental	0	0.0	0	0	0

* 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	125,372	100.0	329	84,629	40,414
Male	80,046	63.8	261	56,473	23,312
Under 16	5	<0.1	0	3	2
16 - 17	349	0.3	1	258	90
18 - 20	2,930	2.3	9	2,086	835
21 - 24	6,679	5.3	31	4,827	1,821
25 - 29	9,088	7.2	31	6,604	2,453
30 - 34	9,060	7.2	29	6,524	2,507
35 - 39	8,485	6.8	34	6,059	2,392
40 - 44	8,967	7.2	31	6,399	2,537
45 - 49	8,971	7.2	21	6,366	2,584
50 - 54	8,180	6.5	19	5,774	2,387
55 - 59	6,324	5.0	20	4,412	1,892
60 - 64	4,514	3.6	16	3,113	1,385
65 - 69	2,537	2.0	6	1,664	867
70 - 74	1,485	1.2	5	926	554
75 - 79	878	0.7	2	525	351
80 and Over	977	0.8	5	574	398
Unknown Age	617	0.5	1	359	257
Female	32,135	25.6	43	22,360	9,732
Under 16	1	<0.1	0	1	0
16 - 17	176	0.1	0	108	68
18 - 20	1,291	1.0	1	899	391
21 - 24	2,996	2.4	2	2,120	874
25 - 29	4,296	3.4	5	3,093	1,198
30 - 34	3,991	3.2	4	2,903	1,084
35 - 39	3,556	2.8	2	2,586	968
40 - 44	3,503	2.8	4	2,521	978
45 - 49	3,318	2.6	2	2,350	966
50 - 54	2,771	2.2	8	1,956	807
55 - 59	2,096	1.7	4	1,362	730
60 - 64	1,641	1.3	5	992	644
65 - 69	955	0.8	2	593	360
70 - 74	601	0.5	1	334	266
75 - 79	355	0.3	0	223	132
80 and Over	403	0.3	3	231	169
Unknown Age	185	0.1	0	88	97
Unknown Gender	13,191	10.5	25	5,796	7,370

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TABLE 9 Persons Killed or Injured by Age Group				
Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	70,223	100.0	268	69,955
Under 5	1,161	1.7	1	1,160
5 - 9	1,581	2.3	2	1,579
10 - 13	1,691	2.4	6	1,685
14 - 17	1,968	2.8	5	1,963
18 - 20	3,773	5.4	8	3,765
21 - 24	6,987	9.9	17	6,970
25 - 29	8,489	12.1	24	8,465
30 - 34	7,240	10.3	21	7,219
35 - 39	5,896	8.4	19	5,877
40 - 44	5,928	8.4	16	5,912
45 - 49	5,656	8.1	13	5,643
50 - 54	4,984	7.1	19	4,965
55 - 59	3,712	5.3	16	3,696
60 - 64	2,742	3.9	20	2,722
65 - 69	1,626	2.3	11	1,615
70 - 74	1,054	1.5	13	1,041
75 - 79	669	1.0	14	655
80 and Over	813	1.2	22	791
Unknown Age	4,253	6.1	21	4,232

TABLE 10(P) Safety Equipment Used								
	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	135,568	100.0	72	1,682	2,730	38,759	1,662	90,663
No Restraint Used	7,223	5.3	26	216	376	2,562	125	3,918
Air Bag Deployed	946	0.7	4	35	84	483	19	321
with Child Restraint	55	<0.1	0	0	4	14	2	35
with Harness	255	0.2	1	8	19	132	3	92
with Lap Belt	610	0.4	0	28	37	319	12	214
with Lap Belt & Harness	2,916	2.2	7	94	255	1,424	39	1,097
Child Restraint Only	2,577	1.9	0	15	41	496	93	1,932
Harness	2,345	1.7	0	31	54	682	31	1,547
Lap Belt	16,006	11.8	1	273	280	4,828	283	10,341
Lap Belt & Harness	80,273	59.2	15	785	1,268	23,648	824	53,733
Other	2	<0.1	0	0	0	1	0	1
Unknown	22,360	16.5	18	197	312	4,170	231	17,432
Motorcyclists	1,298	100.0	31	206	356	552	40	113
No Helmet Used	242	18.6	4	44	66	94	11	23
Helmet Used	804	61.9	24	127	246	337	21	49
Unknown	252	19.4	3	35	44	121	8	41
Bicyclists	3,448	100.0	22	337	963	1,869	119	138
No Helmet Used	1,111	32.2	13	119	296	624	26	33
Helmet Used	510	14.8	2	49	163	269	12	15
Unknown	1,827	53.0	7	169	504	976	81	90