

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

2012

TABLE 1 New York City Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	68,804	50,642
Fatal Crashes	253	253
Non-Fatal Personal Injury Crashes	47,467	40,254
Reportable Property Damage Crashes	21,084	10,135
Vehicles	128,845	92,904
Drivers Involved	117,678	84,904
Vehicle Occupants	170,592	129,509
Special NYC Crash Series		
Pedestrian/Motor Vehicle Crashes	10,925	10,420
Bicycle/Motor Vehicle Crashes	3,639	3,464
Motorcycle Crashes	1,619	1,366
Fatalities		
Persons Killed (1)	271	271
Drivers Killed	83	83
Passengers Killed	36	36
Pedestrians Killed	135	135
Bicyclists Killed	17	17
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	65,632	56,629
Drivers Injured	31,539	25,455
Passengers Injured	19,462	17,263
Pedestrians Injured	10,809	10,303
Bicyclists Injured	3,518	3,360
Other	304	248
<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)	0.85
Injury Crash Rate/100 Mil Vehicle Miles (VMT)	96.42
Death Rate/100 Mil Vehicle Miles (VMT)	0.91
Injury Rate/100 Mil Vehicle Miles (VMT)	132.33
Death Rate/100,000 Population	5.94
Injury Rate/100,000 Population	864.61
Death Rate/100,000 Licensed Drivers	10.34
Injury Rate/100,000 Licensed Drivers	1504.24

Note: 2012 statewide VMT rates are comparable to 2010 & 2011 VMT rates, but not to VMT rates prior to 2010 as the methodology used by the NYSDOT to calculate VMT was revised in 2010 to comply with federal guidelines.

TABLE 2(P) Severity of Crash		
	Number	Percent
Total	50,642	100.0
Fatal (K) Crashes	253	0.5
Personal Injury Crashes		
Serious (A)	3,047	6.0
Moderate (B)	5,494	10.8
Minor (C)	29,026	57.3
Unknown Severity	2,687	5.3
Property Damage (O) Crashes	10,135	20.0

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	68,804	3,512	3,078	7,408	9,364	11,040	13,596	10,851	6,722	3,233
Sunday										
Total	8,723	845	829	575	872	1,434	1,534	1,340	885	409
Fatal	34	8	9	0	1	3	1	5	6	1
Personal Injury	5,980	617	587	388	565	949	1,091	1,014	685	84
Property Damage	2,709	220	233	187	306	482	442	321	194	324
Monday										
Total	9,664	412	307	1,236	1,469	1,551	1,950	1,464	808	467
Fatal	29	2	3	4	4	2	3	7	4	0
Personal Injury	6,730	313	224	840	997	1,077	1,402	1,125	628	124
Property Damage	2,905	97	80	392	468	472	545	332	176	343
Tuesday										
Total	9,878	306	221	1,222	1,483	1,616	2,074	1,590	884	482
Fatal	28	1	1	4	4	3	2	7	6	0
Personal Injury	6,908	222	160	839	1,025	1,151	1,532	1,193	675	111
Property Damage	2,942	83	60	379	454	462	540	390	203	371
Wednesday										
Total	9,843	316	280	1,210	1,379	1,589	2,066	1,663	883	457
Fatal	41	4	6	4	5	3	5	9	5	0
Personal Injury	6,791	222	181	819	939	1,077	1,481	1,278	679	115
Property Damage	3,011	90	93	387	435	509	580	376	199	342
Thursday										
Total	10,046	388	323	1,249	1,447	1,537	2,049	1,653	953	447
Fatal	46	9	5	3	1	7	5	7	9	0
Personal Injury	6,874	272	217	856	942	1,025	1,494	1,250	712	106
Property Damage	3,126	107	101	390	504	505	550	396	232	341
Friday										
Total	11,145	452	374	1,223	1,597	1,794	2,287	1,731	1,155	532
Fatal	35	5	2	5	2	3	4	8	6	0
Personal Injury	7,653	327	281	858	1,086	1,220	1,577	1,282	888	134
Property Damage	3,457	120	91	360	509	571	706	441	261	398
Saturday										
Total	9,505	793	744	693	1,117	1,519	1,636	1,410	1,154	439
Fatal	40	6	9	3	2	7	2	3	8	0
Personal Injury	6,531	581	499	446	736	1,061	1,162	1,054	888	104
Property Damage	2,934	206	236	244	379	451	472	353	258	335

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TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	50,642	100.0	253	40,254	10,135
State Police	2	<0.1	0	1	1
County Police	34	0.1	0	16	18
New York City Police (NYPD)	50,584	99.9	253	40,230	10,101
Municipal Police (non-NYC)	21	<0.1	0	6	15
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	68,804	100.0	253	47,467	21,084
Single Vehicle Crashes	17,970	26.1	159	16,374	1,437
Two Vehicle Crashes	43,908	63.8	66	25,953	17,889
3 or More Vehicle Crashes	6,926	10.1	28	5,140	1,758

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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	50,642	100.0	253	40,254	10,135
Crashes With No Factor Reported	11,544	22.8	57	9,633	1,854
Crashes With One or More Factors Reported	39,098	77.2	196	30,621	8,281
Crashes With Human Factors	36,023	71.1	191	28,192	7,640
Aggressive Driving/Road Rage	771	1.5	3	632	136
Alcohol Involvement	1,215	2.4	21	941	253
Backing Unsafely	1,163	2.3	1	822	340
Cell Phone (hand held)	92	0.2	0	76	16
Cell Phone (hands free)	14	<0.1	0	10	4
Driver Inattention/Distraction	11,866	23.4	48	9,250	2,568
Driver Inexperience	1,637	3.2	10	1,240	387
Drugs (Illegal)	80	0.2	0	68	12
Eating or Drinking*	12	<0.1	0	9	3
Failure to Keep Right	295	0.6	2	205	88
Failure to Yield R.O.W.	6,816	13.5	34	5,760	1,022
Fatigued/Drowsy	267	0.5	0	206	61
Fell Asleep	325	0.6	1	239	85
Following too Closely	6,437	12.7	2	4,776	1,659
Illness	148	0.3	3	134	11
Listening/Using Headphones*	11	<0.1	0	11	0
Lost Consciousness	194	0.4	4	181	9
Other Electronic Device	48	0.1	1	32	15
Outside Car Distraction	285	0.6	0	230	55
Passenger Distraction	310	0.6	1	245	64
Passing or Lane Usage Improper	1,632	3.2	6	1,094	532
Passing too Closely*	290	0.6	3	163	124
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,907	5.7	47	2,859	1
Physical Disability	87	0.2	1	79	7
Prescription Medication	40	0.1	0	37	3
Reaction to Other Uninvolved Vehicle	1,794	3.5	1	1,269	524
Texting*	9	<0.1	0	7	2
Traffic Control Disregarded	2,952	5.8	17	2,547	388
Turning Improperly	2,227	4.4	5	1,657	565
Unsafe Lane Changing	2,030	4.0	9	1,288	733
Unsafe Speed	3,469	6.9	59	2,688	722
Using On Board Navigation Device*	12	<0.1	0	7	5
Other Human	6	<0.1	0	5	1
Crashes With Vehicular Factors	2,844	5.6	10	2,270	564
Accelerator Defective	87	0.2	0	67	20
Brakes Defective	501	1.0	0	431	70
Driverless/Runaway Vehicle	45	0.1	0	40	5
Headlights Defective	14	<0.1	0	13	1
Other Lighting Defects	20	<0.1	0	19	1
Oversized Vehicle	288	0.6	1	158	129
Steering Failure	139	0.3	0	95	44
Tinted Windows*	4	<0.1	0	2	2
Tire Failure/Inadequate	133	0.3	1	102	30
Tow Hitch Defective	12	<0.1	0	9	3
Windshield Inadequate	6	<0.1	0	5	1
Other Vehicular	1,689	3.3	8	1,408	273
Crashes With Environmental Factors	3,146	6.2	9	2,480	657
Animal's Action	65	0.1	0	39	26
Glare	380	0.8	1	328	51
Lane Marking Improper/Inadequate	47	0.1	0	29	18
Obstruction/Debris	212	0.4	1	156	55
Pavement Defective	96	0.2	0	77	19
Pavement Slippery	1,634	3.2	4	1,245	385
Shoulders Defective/Improper	9	<0.1	0	6	3
Traffic Control Device Improper/Non-Working	124	0.2	0	113	11
View Obstructed/Limited	731	1.4	4	612	115
Other Environmental	2	<0.1	0	1	1

* 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	117,678	100.0	359	80,387	36,932
Male	74,970	63.7	277	53,083	21,610
Under 16	13	<0.1	1	9	3
16 - 17	348	0.3	2	243	103
18 - 20	2,580	2.2	15	1,841	724
21 - 24	6,077	5.2	21	4,373	1,683
25 - 29	8,538	7.3	37	6,210	2,291
30 - 34	8,233	7.0	23	6,004	2,206
35 - 39	7,861	6.7	28	5,635	2,198
40 - 44	8,062	6.9	25	5,728	2,309
45 - 49	8,347	7.1	30	5,999	2,318
50 - 54	7,643	6.5	34	5,425	2,184
55 - 59	6,346	5.4	18	4,456	1,872
60 - 64	4,499	3.8	16	3,051	1,432
65 - 69	2,663	2.3	8	1,756	899
70 - 74	1,480	1.3	6	979	495
75 - 79	894	0.8	3	554	337
80 and Over	831	0.7	9	500	322
Unknown Age	555	0.5	1	320	234
Female	30,360	25.8	40	21,498	8,822
Under 16	2	<0.1	0	2	0
16 - 17	173	0.1	0	127	46
18 - 20	1,103	0.9	2	773	328
21 - 24	2,790	2.4	9	1,988	793
25 - 29	4,020	3.4	6	2,963	1,051
30 - 34	3,909	3.3	3	2,893	1,013
35 - 39	3,334	2.8	4	2,498	832
40 - 44	3,096	2.6	2	2,250	844
45 - 49	3,200	2.7	3	2,298	899
50 - 54	2,655	2.3	5	1,855	795
55 - 59	2,139	1.8	1	1,447	691
60 - 64	1,511	1.3	1	974	536
65 - 69	976	0.8	0	600	376
70 - 74	599	0.5	3	359	237
75 - 79	327	0.3	1	175	151
80 and Over	393	0.3	0	238	155
Unknown Age	133	0.1	0	58	75
Unknown Gender	12,348	10.5	42	5,806	6,500

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TABLE 9 Persons Killed or Injured by Age Group				
Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	65,903	100.0	271	65,632
Under 5	1,193	1.8	4	1,189
5 - 9	1,501	2.3	3	1,498
10 - 13	1,515	2.3	5	1,510
14 - 17	1,744	2.6	4	1,740
18 - 20	3,053	4.6	9	3,044
21 - 24	6,145	9.3	30	6,115
25 - 29	7,893	12.0	30	7,863
30 - 34	6,817	10.3	16	6,801
35 - 39	5,618	8.5	19	5,599
40 - 44	5,307	8.1	12	5,295
45 - 49	5,348	8.1	21	5,327
50 - 54	4,828	7.3	21	4,807
55 - 59	3,933	6.0	15	3,918
60 - 64	2,752	4.2	17	2,735
65 - 69	1,687	2.6	11	1,676
70 - 74	1,090	1.7	13	1,077
75 - 79	713	1.1	10	703
80 and Over	808	1.2	23	785
Unknown Age	3,958	6.0	8	3,950

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	128,037	100.0	86	1,614	2,619	35,530	1,653	86,535
No Restraint Used	7,090	5.5	24	198	308	2,355	154	4,051
Air Bag Deployed	969	0.8	6	53	83	471	20	336
with Child Restraint	49	<0.1	0	0	9	15	3	22
with Harness	212	0.2	0	8	17	106	8	73
with Lap Belt	657	0.5	2	20	65	330	14	226
with Lap Belt & Harness	2,864	2.2	9	115	245	1,401	39	1,055
Child Restraint Only	2,468	1.9	0	9	45	451	85	1,878
Harness	2,105	1.6	1	26	36	598	33	1,411
Lap Belt	15,368	12.0	4	220	255	4,574	280	10,035
Lap Belt & Harness	75,290	58.8	21	778	1,261	21,508	810	50,912
Other	4	<0.1	0	0	0	0	0	4
Unknown	20,961	16.4	19	187	295	3,721	207	16,532
Motorcyclists	1,472	100.0	33	228	432	613	29	137
No Helmet Used	312	21.2	10	42	97	120	10	33
Helmet Used	908	61.7	17	152	287	371	15	66
Unknown	252	17.1	6	34	48	122	4	38
Bicyclists	3,488	100.0	17	324	1,016	1,897	123	111
No Helmet Used	1,116	32.0	7	122	339	587	34	27
Helmet Used	524	15.0	2	40	169	281	18	14
Unknown	1,848	53.0	8	162	508	1,029	71	70