

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

2013

TABLE 1 New York City Crashes		
Category Totals	All Crashes	Police Reported
Total Crashes	70,403	52,550
Fatal Crashes	281	281
Non-Fatal Personal Injury Crashes	48,910	41,993
Reportable Property Damage Crashes	21,212	10,276
Vehicles	131,831	96,621
Drivers Involved	120,156	88,067
Vehicle Occupants	174,117	134,405
Special NYC Crash Series		
Pedestrian/Motor Vehicle Crashes	11,501	11,050
Bicycle/Motor Vehicle Crashes	3,927	3,732
Motorcycle Crashes	1,519	1,334
Fatalities		
Persons Killed (1)	294	294
Drivers Killed	84	84
Passengers Killed	18	18
Pedestrians Killed	183	183
Bicyclists Killed	9	9
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	66,906	58,343
Drivers Injured	31,921	25,996
Passengers Injured	19,530	17,575
Pedestrians Injured	11,398	10,931
Bicyclists Injured	3,817	3,632
Other	240	209
<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)	95.97
Death Rate/100 Mil Vehicle Miles (VMT)	0.92
Injury Rate/100 Mil Vehicle Miles (VMT)	130.40
Death Rate/100,000 Population	6.05
Injury Rate/100,000 Population	860.90
Death Rate/100,000 Licensed Drivers	10.40
Injury Rate/100,000 Licensed Drivers	1480.74

Note: 2013 statewide VMT rates are comparable to 2010-2012 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	52,550	100.0
Fatal (K) Crashes	281	0.5
Personal Injury Crashes		
Serious (A)	3,052	5.8
Moderate (B)	5,550	10.6
Minor (C)	30,409	57.9
Unknown Severity	2,982	5.7
Property Damage (O) Crashes	10,276	19.6

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.

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

2013

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	70,403	3,440	3,099	7,729	9,666	11,413	13,988	11,274	6,716	3,078
Sunday										
Total	8,595	788	808	564	906	1,378	1,534	1,352	868	397
Fatal	41	13	9	3	3	3	3	4	3	0
Personal Injury	5,967	586	587	384	605	952	1,079	1,003	677	94
Property Damage	2,587	189	212	177	298	423	452	345	188	303
Monday										
Total	10,005	375	337	1,232	1,496	1,665	2,106	1,538	832	424
Fatal	35	1	4	5	4	5	3	10	3	0
Personal Injury	6,992	266	242	862	1,007	1,183	1,522	1,174	655	81
Property Damage	2,978	108	91	365	485	477	581	354	174	343
Tuesday										
Total	10,387	371	268	1,352	1,569	1,656	2,135	1,693	872	471
Fatal	34	4	3	4	6	6	3	4	4	0
Personal Injury	7,207	270	165	900	1,075	1,145	1,574	1,308	672	98
Property Damage	3,146	97	100	448	488	505	558	381	196	373
Wednesday										
Total	10,098	349	281	1,361	1,474	1,650	2,028	1,712	820	423
Fatal	38	3	3	3	1	5	10	9	3	1
Personal Injury	7,022	257	192	948	998	1,167	1,441	1,283	640	96
Property Damage	3,038	89	86	410	475	478	577	420	177	326
Thursday										
Total	10,248	338	280	1,201	1,466	1,659	2,158	1,672	1,017	457
Fatal	36	7	5	3	4	0	4	6	7	0
Personal Injury	7,097	257	183	803	971	1,203	1,548	1,248	790	94
Property Damage	3,115	74	92	395	491	456	606	418	220	363
Friday										
Total	11,329	469	395	1,278	1,570	1,800	2,280	1,874	1,150	513
Fatal	50	3	4	4	6	5	8	14	6	0
Personal Injury	7,806	354	276	884	1,085	1,225	1,577	1,395	874	136
Property Damage	3,473	112	115	390	479	570	695	465	270	377
Saturday										
Total	9,741	750	730	741	1,185	1,605	1,747	1,433	1,157	393
Fatal	47	8	13	2	2	4	10	2	6	0
Personal Injury	6,819	562	507	502	785	1,129	1,276	1,080	882	96
Property Damage	2,875	180	210	237	398	472	461	351	269	297

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

2013

TABLE 4(P) Police Investigating Agency					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	52,550	100.0	281	41,993	10,276
State Police	1	<0.1	0	0	1
County Police	35	0.1	0	14	21
New York City Police (NYPD)	52,503	99.9	281	41,973	10,249
Municipal Police (non-NYC)	11	<0.1	0	6	5
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	70,403	100.0	281	48,910	21,212
Single Vehicle Crashes	18,601	26.4	197	16,982	1,422
Two Vehicle Crashes	44,591	63.3	56	26,467	18,068
3 or More Vehicle Crashes	7,211	10.2	28	5,461	1,722

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

2013

TABLE 7(P) Crash Contributing Factors					
	Total Crashes		Severity Class of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Crashes	52,550	100.0	281	41,993	10,276
Crashes With No Factor Reported	11,038	21.0	46	9,366	1,626
Crashes With One or More Factors Reported	41,512	79.0	235	32,627	8,650
Crashes With Human Factors	38,467	73.2	230	30,264	7,973
Aggressive Driving/Road Rage	714	1.4	5	583	126
Alcohol Involvement	1,242	2.4	15	996	231
Backing Unsafely	1,295	2.5	3	937	355
Cell Phone (hand held)	95	0.2	0	81	14
Cell Phone (hands free)	19	<0.1	0	14	5
Driver Inattention/Distraction	12,935	24.6	49	10,270	2,616
Driver Inexperience	1,635	3.1	9	1,253	373
Drugs (Illegal)	70	0.1	1	59	10
Eating or Drinking*	24	<0.1	0	21	3
Failure to Keep Right	223	0.4	3	153	67
Failure to Yield R.O.W.	7,463	14.2	52	6,369	1,042
Fatigued/Drowsy	211	0.4	1	152	58
Fell Asleep	331	0.6	0	238	93
Following too Closely	6,932	13.2	1	5,271	1,660
Illness	193	0.4	1	178	14
Listening/Using Headphones*	22	<0.1	0	21	1
Lost Consciousness	236	0.4	5	223	8
Other Electronic Device	49	0.1	0	39	10
Outside Car Distraction	314	0.6	1	254	59
Passenger Distraction	320	0.6	0	268	52
Passing or Lane Usage Improper	1,723	3.3	5	1,098	620
Passing too Closely*	698	1.3	1	419	278
Pedestrian/Bicyclist/Other Ped Error/Confusion	3,036	5.8	66	2,968	2
Physical Disability	96	0.2	1	85	10
Prescription Medication	40	0.1	0	34	6
Reaction to Other Uninvolved Vehicle	1,759	3.3	3	1,221	535
Texting*	16	<0.1	0	14	2
Traffic Control Disregarded	3,186	6.1	17	2,758	411
Turning Improperly	2,300	4.4	7	1,757	536
Unsafe Lane Changing	2,245	4.3	7	1,339	899
Unsafe Speed	3,821	7.3	69	2,933	819
Using On Board Navigation Device*	35	0.1	0	24	11
Other Human	6	<0.1	0	4	2
Crashes With Vehicular Factors	2,867	5.5	10	2,226	631
Accelerator Defective	77	0.1	1	62	14
Brakes Defective	487	0.9	1	384	102
Driverless/Runaway Vehicle	43	0.1	1	33	9
Headlights Defective	18	<0.1	1	13	4
Other Lighting Defects	22	<0.1	0	19	3
Oversized Vehicle	299	0.6	1	164	134
Steering Failure	139	0.3	0	100	39
Tinted Windows*	12	<0.1	0	10	2
Tire Failure/Inadequate	142	0.3	1	93	48
Tow Hitch Defective	10	<0.1	0	6	4
Windshield Inadequate	8	<0.1	0	7	1
Other Vehicular	1,705	3.2	5	1,399	301
Crashes With Environmental Factors	3,207	6.1	6	2,489	712
Animal's Action	69	0.1	0	35	34
Glare	436	0.8	2	385	49
Lane Marking Improper/Inadequate	43	0.1	0	34	9
Obstruction/Debris	163	0.3	0	124	39
Pavement Defective	149	0.3	0	112	37
Pavement Slippery	1,643	3.1	3	1,207	433
Shoulders Defective/Improper	9	<0.1	0	9	0
Traffic Control Device Improper/Non-Working	83	0.2	0	66	17
View Obstructed/Limited	769	1.5	2	648	119
Other Environmental	0	0.0	0	0	0

* New contributing factor as of October 2010.
Note: Many crashes have multiple factors reported.

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

2013

TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Crash		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	120,156	100.0	366	82,729	37,061
Male	76,656	63.8	279	54,655	21,722
Under 16	8	<0.1	0	7	1
16 - 17	326	0.3	1	235	90
18 - 20	2,458	2.0	14	1,807	637
21 - 24	6,263	5.2	32	4,518	1,713
25 - 29	8,747	7.3	33	6,335	2,379
30 - 34	8,473	7.1	34	6,138	2,301
35 - 39	7,961	6.6	29	5,736	2,196
40 - 44	8,113	6.8	31	5,870	2,212
45 - 49	8,428	7.0	31	6,112	2,285
50 - 54	7,922	6.6	23	5,655	2,244
55 - 59	6,596	5.5	16	4,722	1,858
60 - 64	4,568	3.8	13	3,146	1,409
65 - 69	2,961	2.5	10	1,990	961
70 - 74	1,583	1.3	3	1,035	545
75 - 79	936	0.8	4	615	317
80 and Over	865	0.7	5	487	373
Unknown Age	448	0.4	0	247	201
Female	30,692	25.5	52	21,920	8,720
Under 16	3	<0.1	0	3	0
16 - 17	160	0.1	0	110	50
18 - 20	1,009	0.8	5	714	290
21 - 24	2,771	2.3	4	1,997	770
25 - 29	4,060	3.4	5	3,038	1,017
30 - 34	4,023	3.3	5	2,996	1,022
35 - 39	3,477	2.9	5	2,646	826
40 - 44	3,207	2.7	4	2,391	812
45 - 49	3,062	2.5	5	2,227	830
50 - 54	2,748	2.3	5	1,915	828
55 - 59	2,118	1.8	6	1,409	703
60 - 64	1,569	1.3	3	1,026	540
65 - 69	1,048	0.9	2	634	412
70 - 74	588	0.5	2	337	249
75 - 79	366	0.3	1	218	147
80 and Over	355	0.3	0	198	157
Unknown Age	128	0.1	0	61	67
Unknown Gender	12,808	10.7	35	6,154	6,619

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

2013

TABLE 9 Persons Killed or Injured by Age Group				
Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	67,200	100.0	294	66,906
Under 5	1,092	1.6	4	1,088
5 - 9	1,603	2.4	4	1,599
10 - 13	1,592	2.4	1	1,591
14 - 17	1,837	2.7	6	1,831
18 - 20	2,973	4.4	12	2,961
21 - 24	6,252	9.3	36	6,216
25 - 29	7,982	11.9	25	7,957
30 - 34	7,015	10.4	24	6,991
35 - 39	5,827	8.7	19	5,808
40 - 44	5,368	8.0	11	5,357
45 - 49	5,423	8.1	16	5,407
50 - 54	5,016	7.5	20	4,996
55 - 59	3,922	5.8	18	3,904
60 - 64	2,877	4.3	20	2,857
65 - 69	1,873	2.8	23	1,850
70 - 74	1,105	1.6	17	1,088
75 - 79	732	1.1	12	720
80 and Over	762	1.1	18	744
Unknown Age	3,949	5.9	8	3,941

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	133,011	100.0	60	1,604	2,605	36,325	1,827	90,590
No Restraint Used	7,188	5.4	14	183	369	2,371	119	4,132
Air Bag Deployed	1,026	0.8	3	45	80	482	43	373
with Child Restraint	60	<0.1	0	2	4	23	4	27
with Harness	227	0.2	2	4	31	106	5	79
with Lap Belt	615	0.5	1	29	43	324	18	200
with Lap Belt & Harness	3,088	2.3	10	111	232	1,537	29	1,169
Child Restraint Only	2,542	1.9	0	6	35	464	117	1,920
Harness	1,883	1.4	0	20	40	524	20	1,279
Lap Belt	17,180	12.9	0	216	285	5,114	328	11,237
Lap Belt & Harness	78,679	59.2	15	774	1,230	22,046	894	53,720
Other	4	<0.1	0	0	1	2	0	1
Unknown	20,519	15.4	15	214	255	3,332	250	16,453
Motorcyclists	1,394	100.0	42	230	378	568	34	142
No Helmet Used	293	21.0	13	50	68	121	9	32
Helmet Used	869	62.3	25	147	258	361	16	62
Unknown	232	16.6	4	33	52	86	9	48
Bicyclists	3,761	100.0	9	363	1,064	2,083	122	120
No Helmet Used	1,276	33.9	4	152	386	691	21	22
Helmet Used	671	17.8	1	64	212	352	27	15
Unknown	1,814	48.2	4	147	466	1,040	74	83