

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

2010

TABLE 1 New York City Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	78,343	56,151
Fatal Accidents	261	261
Non-Fatal Personal Injury Accidents	53,609	45,243
Reportable Property Damage Accidents	24,473	10,647
Vehicles	148,571	104,443
Drivers Involved	135,288	95,557
Vehicle Occupants	200,272	149,771
Special NYC Accident Series		
Pedestrian/Motor Vehicle Accidents	11,266	10,749
Bicycle/Motor Vehicle Accidents	3,667	3,487
Motorcycle Accidents	1,531	1,316
Fatalities		
Persons Killed (1)	270	270
Drivers Killed	71	71
Passengers Killed	32	32
Pedestrians Killed	149	149
Bicyclists Killed	18	18
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	77,253	66,338
Drivers Injured	37,456	30,194
Passengers Injured	24,673	21,856
Pedestrians Injured	11,084	10,553
Bicyclists Injured	3,518	3,339
Other	522	396
<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 Acc Rate/100 Mil Vehicle Miles (VMT)	0.85
Injury Acc Rate/100 Mil Vehicle Miles (VMT)	102.21
Death Rate/100 Mil Vehicle Miles (VMT)	0.91
Injury Rate/100 Mil Vehicle Miles (VMT)	142.91
Death Rate/100,000 Population	6.15
Injury Rate/100,000 Population	967.93
Death Rate/100,000 Licensed Drivers	10.56
Injury Rate/100,000 Licensed Drivers	1661.96

Note: 2010 statewide VMT rates are not strictly comparable to earlier years as the methodology used by the NYSDOT to calculate VMT was revised in 2010 to comply with federal guidelines.

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	56,151	100.0
Fatal (K) Accidents	261	0.5
Personal Injury Accidents		
Serious (A)	3,138	5.6
Moderate (B)	5,567	9.9
Minor (C)	33,640	59.9
Unknown Severity	2,898	5.2
Property Damage (O) Accidents	10,647	19.0

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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2010

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	78,343	3,994	3,245	8,249	10,445	12,661	15,542	12,257	7,737	4,213
Sunday										
Total	9,695	870	857	580	959	1,627	1,793	1,416	1,076	517
Fatal	47	12	9	3	2	2	6	7	6	0
Personal Injury	6,673	638	635	403	660	1,085	1,267	1,066	796	123
Property Damage	2,975	220	213	174	297	540	520	343	274	394
Monday										
Total	11,198	483	362	1,398	1,585	1,838	2,209	1,701	980	642
Fatal	42	2	2	8	5	6	3	8	8	0
Personal Injury	7,721	352	240	959	1,054	1,312	1,593	1,303	756	152
Property Damage	3,435	129	120	431	526	520	613	390	216	490
Tuesday										
Total	11,410	371	280	1,363	1,647	1,893	2,346	1,863	1,031	616
Fatal	37	4	2	6	8	5	5	4	3	0
Personal Injury	7,809	252	179	923	1,119	1,352	1,657	1,376	791	160
Property Damage	3,564	115	99	434	520	536	684	483	237	456
Wednesday										
Total	11,681	457	311	1,477	1,703	1,820	2,363	1,843	1,093	614
Fatal	28	3	2	4	4	2	1	5	6	1
Personal Injury	7,959	322	217	982	1,140	1,266	1,687	1,362	839	144
Property Damage	3,694	132	92	491	559	552	675	476	248	469
Thursday										
Total	11,667	437	267	1,411	1,665	1,775	2,400	1,976	1,140	596
Fatal	28	0	3	4	0	4	5	6	6	0
Personal Injury	7,897	319	169	940	1,137	1,242	1,641	1,489	836	124
Property Damage	3,742	118	95	467	528	529	754	481	298	472
Friday										
Total	12,231	576	420	1,314	1,663	1,923	2,597	1,880	1,206	652
Fatal	42	4	4	5	8	6	6	5	4	0
Personal Injury	8,267	418	282	896	1,091	1,349	1,764	1,404	898	165
Property Damage	3,922	154	134	413	564	568	827	471	304	487
Saturday										
Total	10,461	800	748	706	1,223	1,785	1,834	1,578	1,211	576
Fatal	37	4	6	6	2	5	3	4	7	0
Personal Injury	7,283	583	532	496	827	1,267	1,324	1,188	911	155
Property Damage	3,141	213	210	204	394	513	507	386	293	421

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2010

TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	56,151	100.0	261	45,243	10,647
State Police	2	<0.1	0	1	1
County Police	27	<0.1	0	16	11
New York City Police (NYPD)	56,118	99.9	261	45,225	10,632
Municipal Police (non-NYC)	4	<0.1	0	1	3
Unknown	0	0.0	0	0	0

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	78,343	100.0	261	53,609	24,473
Single Vehicle Accidents	18,541	23.7	171	16,776	1,594
Two Vehicle Accidents	51,888	66.2	70	30,938	20,880
3 or More Vehicle Accidents	7,914	10.1	20	5,895	1,999

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

2010

TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	56,151	100.0	261	45,243	10,647
Accidents With No Factor Reported	18,772	33.4	62	16,028	2,682
Accidents With One or More Factors Reported	37,379	66.6	199	29,215	7,965
Accidents With Human Factors	33,542	59.7	185	26,214	7,143
Aggressive Driving/Road Rage	768	1.4	6	635	127
Alcohol Involvement	1,084	1.9	19	852	213
Backing Unsafely	1,079	1.9	2	797	280
Cell Phone (hand held)	68	0.1	0	56	12
Cell Phone (hands free)	8	<0.1	0	7	1
Driver Inattention/Distraction	11,812	21.0	41	9,199	2,572
Driver Inexperience	1,660	3.0	16	1,260	384
Drugs (Illegal)	76	0.1	0	69	7
Eating or Drinking*	0	0.0	0	0	0
Failure to Keep Right	326	0.6	1	252	73
Failure to Yield R.O.W.	5,955	10.6	34	5,023	898
Fatigued/Drowsy	259	0.5	0	206	53
Fell Asleep	293	0.5	1	220	72
Following too Closely	5,877	10.5	1	4,301	1,575
Illness	169	0.3	2	152	15
Listening/Using Headphones*	0	0.0	0	0	0
Lost Consciousness	190	0.3	6	174	10
Other Electronic Device	39	0.1	0	31	8
Outside Car Distraction	285	0.5	1	225	59
Passenger Distraction	265	0.5	1	217	47
Passing or Lane Usage Improper	1,500	2.7	1	980	519
Passing too Closely*	7	<0.1	0	7	0
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,392	4.3	46	2,346	0
Physical Disability	70	0.1	0	60	10
Prescription Medication	47	0.1	2	36	9
Reaction to Other Uninvolved Vehicle	1,847	3.3	5	1,341	501
Texting*	0	0.0	0	0	0
Traffic Control Disregarded	2,521	4.5	15	2,147	359
Turning Improperly	1,952	3.5	7	1,466	479
Unsafe Lane Changing	1,793	3.2	2	1,100	691
Unsafe Speed	3,139	5.6	45	2,416	678
Using On Board Navigation Device*	1	<0.1	0	0	1
Other Human	12	<0.1	1	7	4
Accidents With Vehicular Factors	3,173	5.7	16	2,436	721
Accelerator Defective	107	0.2	0	82	25
Brakes Defective	557	1.0	0	455	102
Driverless/Runaway Vehicle	87	0.2	2	64	21
Headlights Defective	12	<0.1	0	12	0
Other Lighting Defects	12	<0.1	0	8	4
Oversized Vehicle	234	0.4	2	103	129
Steering Failure	126	0.2	0	80	46
Tinted Windows*	0	0.0	0	0	0
Tire Failure/Inadequate	142	0.3	0	90	52
Tow Hitch Defective	3	<0.1	0	2	1
Windshield Inadequate	11	<0.1	1	7	3
Other Vehicular	2,006	3.6	11	1,620	375
Accidents With Environmental Factors	3,503	6.2	19	2,734	750
Animal's Action	73	0.1	0	51	22
Glare	470	0.8	6	400	64
Lane Marking Improper/Inadequate	51	0.1	0	35	16
Obstruction/Debris	218	0.4	0	159	59
Pavement Defective	186	0.3	1	149	36
Pavement Slippery	1,848	3.3	8	1,382	458
Shoulders Defective/Improper	14	<0.1	0	14	0
Traffic Control Device Improper/Non-Working	85	0.2	0	74	11
View Obstructed/Limited	719	1.3	5	597	117
Other Environmental	1	<0.1	0	1	0

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

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2010

TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	135,288	100.0	347	92,290	42,651
Male	86,384	63.9	274	61,090	25,020
Under 16	7	<0.1	0	2	5
16 - 17	454	0.3	2	311	141
18 - 20	3,471	2.6	17	2,548	906
21 - 24	7,216	5.3	34	5,258	1,924
25 - 29	10,005	7.4	38	7,253	2,714
30 - 34	9,611	7.1	22	6,973	2,616
35 - 39	9,286	6.9	22	6,594	2,670
40 - 44	9,668	7.1	17	6,948	2,703
45 - 49	9,640	7.1	27	6,863	2,750
50 - 54	8,668	6.4	38	6,114	2,516
55 - 59	6,797	5.0	16	4,691	2,090
60 - 64	4,762	3.5	18	3,215	1,529
65 - 69	2,511	1.9	9	1,679	823
70 - 74	1,580	1.2	5	1,022	553
75 - 79	934	0.7	6	577	351
80 and Over	1,013	0.7	3	571	439
Unknown Age	761	0.6	0	471	290
Female	35,094	25.9	43	25,040	10,011
Under 16	3	<0.1	0	3	0
16 - 17	217	0.2	0	145	72
18 - 20	1,571	1.2	0	1,129	442
21 - 24	3,402	2.5	8	2,456	938
25 - 29	4,781	3.5	5	3,493	1,283
30 - 34	4,530	3.3	7	3,393	1,130
35 - 39	3,868	2.9	1	2,863	1,004
40 - 44	3,859	2.9	3	2,874	982
45 - 49	3,510	2.6	5	2,534	971
50 - 54	2,963	2.2	4	2,099	860
55 - 59	2,199	1.6	3	1,483	713
60 - 64	1,655	1.2	1	1,066	588
65 - 69	976	0.7	2	614	360
70 - 74	630	0.5	2	369	259
75 - 79	355	0.3	1	208	146
80 and Over	382	0.3	1	222	159
Unknown Age	193	0.1	0	89	104
Unknown Gender	13,810	10.2	30	6,160	7,620

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2010

TABLE 9 Persons Killed or Injured by Age Group				
Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	77,523	100.0	270	77,253
Under 5	1,341	1.7	5	1,336
5 - 9	1,866	2.4	1	1,865
10 - 13	1,889	2.4	6	1,883
14 - 17	2,268	2.9	7	2,261
18 - 20	4,396	5.7	19	4,377
21 - 24	7,512	9.7	29	7,483
25 - 29	9,350	12.1	26	9,324
30 - 34	8,030	10.4	18	8,012
35 - 39	6,674	8.6	13	6,661
40 - 44	6,616	8.5	10	6,606
45 - 49	6,472	8.3	18	6,454
50 - 54	5,401	7.0	17	5,384
55 - 59	4,163	5.4	19	4,144
60 - 64	2,910	3.8	16	2,894
65 - 69	1,673	2.2	17	1,656
70 - 74	1,097	1.4	7	1,090
75 - 79	707	0.9	11	696
80 and Over	848	1.1	20	828
Unknown Age	4,310	5.6	11	4,299

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	148,364	100.0	65	1,931	2,812	43,931	2,133	97,492
No Restraint Used	7,522	5.1	19	222	340	2,787	134	4,020
Air Bag Deployed	952	0.6	5	63	86	425	16	357
with Child Restraint	34	<0.1	0	0	3	9	3	19
with Harness	223	0.2	0	3	19	118	3	80
with Lap Belt	603	0.4	0	21	47	328	13	194
with Lap Belt & Harness	2,906	2.0	6	99	262	1,436	39	1,064
Child Restraint Only	2,830	1.9	1	9	43	507	138	2,132
Harness	3,013	2.0	2	57	46	932	49	1,927
Lap Belt	18,705	12.6	3	351	280	6,017	365	11,689
Lap Belt & Harness	86,905	58.6	22	901	1,321	26,647	1,075	56,939
Other	12	<0.1	0	1	0	3	0	8
Unknown	24,659	16.6	7	204	365	4,722	298	19,063
Motorcyclists	1,407	100.0	38	213	396	608	26	126
No Helmet Used	253	18.0	9	46	64	115	4	15
Helmet Used	873	62.0	22	138	263	381	10	59
Unknown	281	20.0	7	29	69	112	12	52
Bicyclists	3,521	100.0	18	357	973	1,911	98	164
No Helmet Used	1,133	32.2	7	125	330	619	16	36
Helmet Used	429	12.2	2	45	143	212	13	14
Unknown	1,959	55.6	9	187	500	1,080	69	114