

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

2004

TABLE 1 New York City Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	75,549	48,173†
Fatal Accidents	288	288
Non-Fatal Personal Injury Accidents	58,660	47,732
Reportable Property Damage Accidents	16,601	153†
Vehicles	144,142	88,710
Drivers Involved	121,448	78,008
Vehicle Occupants	183,218	129,237
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	10,962	10,508
Bicycle/Motor Vehicle Accidents	3,076	2,956
Motorcycle Accidents	1,274	1,106
Fatalities		
Persons Killed (1)	298	298
Drivers Killed	89	89
Passengers Killed	38	38
Pedestrians Killed	155	155
Bicyclists Killed	15	15
Other	1	1
Non-Fatal Injuries		
Persons Injured (1)	84,904	70,545
Drivers Injured	43,121	33,187
Passengers Injured	27,401	23,659
Pedestrians Injured	10,840	10,390
Bicyclists Injured	2,996	2,888
Other	546	421

† It is important to note that the data for 2004 are not strictly comparable to the data for 2001 and 2002. Changes in data collection and reporting that began during 2001 with respect to property damage crashes have reduced the total number of crashes, since the changes resulted in fewer property damage crashes being captured in the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles.

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position

TABLE 1.1 Statewide Rates	
Fatal Acc Rate/100 Mil Vehicle Miles	1.00
Injury Acc Rate/100 Mil Vehicle Miles	112.70
Death Rate/100 Mil Vehicle Miles	1.09
Injury Rate/100 Mil Vehicle Miles	160.58
Death Rate/100,000 Population	7.78
Injury Rate/100,000 Population	1148.57
Death Rate/100,000 Licensed Drivers	13.29
Injury Rate/100,000 Licensed Drivers	1963.63

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	48,173	100.0
Fatal (K) Accidents	288	0.6
Personal Injury Accidents		
Serious (A)	3,744	7.8
Moderate (B)	6,096	12.7
Minor (C)	35,387	73.5
Unknown Severity	2,505	5.2
Property Damage (O) Accidents	153	0.3

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.

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

2004

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	75,549	4,011	3,510	8,263	9,883	12,551	14,829	11,344	7,417	3,741
Sunday										
Total	9,480	950	884	616	977	1,597	1,729	1,341	916	470
Fatal	40	5	10	2	5	2	4	7	5	0
Personal Injury	7,469	795	733	480	752	1,272	1,415	1,122	779	121
Property Damage	1,971	150	141	134	220	323	310	212	132	349
Monday										
Total	10,898	439	412	1,355	1,603	1,867	2,214	1,562	911	535
Fatal	41	5	5	3	5	9	5	8	1	0
Personal Injury	8,445	351	305	1,032	1,243	1,467	1,803	1,309	799	136
Property Damage	2,412	83	102	320	355	391	406	245	111	399
Tuesday										
Total	10,975	398	315	1,510	1,575	1,795	2,240	1,711	925	506
Fatal	38	2	5	5	2	11	4	3	6	0
Personal Injury	8,482	321	240	1,146	1,228	1,436	1,775	1,436	775	125
Property Damage	2,455	75	70	359	345	348	461	272	144	381
Wednesday										
Total	10,851	424	328	1,428	1,524	1,789	2,200	1,608	1,057	493
Fatal	37	1	4	2	6	7	6	5	6	0
Personal Injury	8,420	357	241	1,098	1,201	1,392	1,757	1,348	916	110
Property Damage	2,394	66	83	328	317	390	437	255	135	383
Thursday										
Total	11,009	425	389	1,290	1,511	1,765	2,234	1,775	1,024	596
Fatal	39	1	6	2	6	6	6	9	3	0
Personal Injury	8,454	343	292	976	1,141	1,413	1,803	1,479	864	143
Property Damage	2,516	81	91	312	364	346	425	287	157	453
Friday										
Total	11,832	512	430	1,270	1,482	1,936	2,450	1,838	1,286	628
Fatal	46	3	7	1	3	9	9	8	6	0
Personal Injury	9,152	422	331	954	1,143	1,569	1,930	1,534	1,105	164
Property Damage	2,634	87	92	315	336	358	511	296	175	464
Saturday										
Total	10,504	863	752	794	1,211	1,802	1,762	1,509	1,298	513
Fatal	47	9	12	3	3	4	6	3	7	0
Personal Injury	8,238	714	613	612	917	1,446	1,432	1,280	1,084	140
Property Damage	2,219	140	127	179	291	352	324	226	207	373

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

2004

TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	48,173	100.0	288	47,732	153
State Police	2	<0.1	0	2	0
County Police	0	0.0	0	0	0
New York City Police (NYPD)	48,165	99.9	288	47,724	153
Municipal Police (non-NYC)	3	<0.1	0	3	0
Other	0	0.0	0	0	0
Unknown	3	<0.1	0	3	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	75,549	100.0	288	58,660	16,601
State Routes	440	0.6	5	338	97
County Routes	7	<0.1	0	6	1
Town Routes	390	0.5	2	306	82
Municipal Streets	63,481	84.0	227	49,676	13,578
Parkways	5,017	6.6	30	3,801	1,186
Thruway	8	<0.1	0	7	1
Other Interstates	5,953	7.9	24	4,407	1,522
Unknown	253	0.3	0	119	134

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	75,549	100.0	288	58,660	16,601
Single Vehicle Accidents	17,509	23.2	195	16,401	913
Two Vehicle Accidents	50,062	66.3	70	35,368	14,624
3 or More Vehicle Accidents	7,978	10.6	23	6,891	1,064

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

2004

TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	48,173	100.0	288	47,732	153
Accidents With No Factor Reported	17,077	35.4	61	16,974	42
Accidents With One or More Factors Reported	31,096	64.6	227	30,758	111
Accidents With Human Factors	27,035	56.1	209	26,728	98
Aggressive Driving/Road Rage	644	1.3	4	638	2
Alcohol Involvement	876	1.8	26	846	4
Backing Unsafely	784	1.6	3	777	4
Cell Phone (hand held)	44	0.1	0	44	0
Cell Phone (hands free)	14	<0.1	0	14	0
Driver Inattention/Distraction	9,808	20.4	36	9,748	24
Driver Inexperience	1,292	2.7	10	1,279	3
Drugs (Illegal)	78	0.2	1	77	0
Failure to Keep Right	258	0.5	2	255	1
Failure to Yield R.O.W.	5,085	10.6	26	5,051	8
Fatigued/Drowsy	184	0.4	1	170	13
Fell Asleep	245	0.5	2	215	28
Following Too Closely	3,938	8.2	2	3,923	13
Illness	111	0.2	1	106	4
Lost Consciousness	162	0.3	1	159	2
Other Electronic Device	15	<0.1	0	15	0
Outside Car Distraction	235	0.5	1	234	0
Passenger Distraction	167	0.3	0	165	2
Passing or Lane Usage Improper	986	2.0	13	968	5
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,749	5.7	51	2,698	0
Physical Disability	53	0.1	2	48	3
Prescription Medication	40	0.1	0	39	1
Reaction to Other Uninvolved Vehicle	1,199	2.5	5	1,192	2
Traffic Control Disregarded	2,323	4.8	23	2,298	2
Turning Improperly	1,518	3.2	2	1,512	4
Unsafe Lane Changing	1,145	2.4	8	1,129	8
Unsafe Speed	2,507	5.2	71	2,431	5
Other Human	164	0.3	0	164	0
Accidents With Vehicular Factors	3,239	6.7	14	3,209	16
Accelerator Defective	68	0.1	1	67	0
Brakes Defective	501	1.0	0	500	1
Driverless/Runaway Vehicle	38	0.1	0	38	0
Headlights Defective	9	<0.1	0	9	0
Other Lighting Defects	14	<0.1	1	13	0
Oversized Vehicle	90	0.2	1	87	2
Steering Failure	92	0.2	0	92	0
Tire Failure/Inadequate	98	0.2	1	97	0
Tow Hitch Defective	5	<0.1	0	5	0
Windshield Inadequate	7	<0.1	0	7	0
Other Vehicular	2,401	5.0	11	2,375	15
Accidents With Environmental Factors	3,672	7.6	18	3,648	6
Animal's Action	50	0.1	0	50	0
Glare	401	0.8	1	400	0
Lane Marking Improper/Inadequate	20	<0.1	0	20	0
Obstruction/Debris	185	0.4	3	182	0
Pavement Defective	174	0.4	0	174	0
Pavement Slippery	2,180	4.5	5	2,170	5
Shoulders Defective/Improper	7	<0.1	0	7	0
Traffic Control Device Improper/Non-Working	115	0.2	1	113	1
View Obstructed/Limited	701	1.5	7	694	0
Other Environmental	10	<0.1	1	9	0

Note: Many accidents have multiple factors reported.

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

2004

TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	121,448	100.0	342	96,837	24,269
Male	87,234	71.8	296	69,956	16,982
Under 16	45	<0.1	0	37	8
16 - 17	668	0.6	6	531	131
18 - 20	4,017	3.3	24	3,340	653
21 - 24	7,538	6.2	40	6,294	1,204
25 - 29	10,384	8.6	34	8,651	1,699
30 - 34	10,620	8.7	35	8,853	1,732
35 - 39	10,791	8.9	35	8,900	1,856
40 - 44	10,750	8.9	30	8,780	1,940
45 - 49	9,398	7.7	20	7,540	1,838
50 - 54	7,326	6.0	24	5,711	1,591
55 - 59	5,531	4.6	15	4,245	1,271
60 - 64	3,480	2.9	8	2,596	876
65 - 69	2,263	1.9	10	1,616	637
70 - 74	1,445	1.2	3	992	450
75 - 79	1,034	0.9	4	665	365
80 and Over	932	0.8	8	585	339
Unknown Age	1,012	0.8	0	620	392
Female	34,143	28.1	42	26,841	7,260
Under 16	7	<0.1	0	7	0
16 - 17	365	0.3	0	272	93
18 - 20	1,768	1.5	1	1,427	340
21 - 24	3,367	2.8	4	2,725	638
25 - 29	4,574	3.8	7	3,783	784
30 - 34	4,389	3.6	6	3,635	748
35 - 39	4,287	3.5	3	3,542	742
40 - 44	4,082	3.4	5	3,287	790
45 - 49	3,309	2.7	1	2,582	726
50 - 54	2,518	2.1	5	1,886	627
55 - 59	2,005	1.7	3	1,447	555
60 - 64	1,184	1.0	1	835	348
65 - 69	714	0.6	0	479	235
70 - 74	528	0.4	2	338	188
75 - 79	455	0.4	3	266	186
80 and Over	343	0.3	1	200	142
Unknown Age	248	0.2	0	130	118
Unknown Gender	71	0.1	4	40	27

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

2004

Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	85,202	100.0	298	84,904
Under 5	1,291	1.5	2	1,289
5 - 9	2,352	2.8	5	2,347
10 - 13	2,528	3.0	13	2,515
14 - 17	3,135	3.7	13	3,122
18 - 20	5,204	6.1	12	5,192
21 - 24	8,275	9.7	23	8,252
25 - 29	10,046	11.8	28	10,018
30 - 34	9,231	10.8	19	9,212
35 - 39	8,496	10.0	16	8,480
40 - 44	8,058	9.5	24	8,034
45 - 49	6,486	7.6	14	6,472
50 - 54	5,096	6.0	18	5,078
55 - 59	3,760	4.4	18	3,742
60 - 64	2,489	2.9	11	2,478
65 - 69	1,671	2.0	16	1,655
70 - 74	1,199	1.4	13	1,186
75 - 79	851	1.0	19	832
80 and Over	925	1.1	22	903
Unknown Age	4,109	4.8	12	4,097

	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	128,010	100.0	98	2,538	3,909	47,641	1,667	72,157
No Restraint Used	9,349	7.3	29	357	507	3,540	131	4,785
Air Bag Deployed	932	0.7	8	64	107	463	21	269
with Child Restraint	15	<0.1	0	0	1	2	0	12
with Harness	304	0.2	1	20	43	160	2	78
with Lap Belt	402	0.3	2	29	52	222	2	95
with Lap Belt & Harness	2,071	1.6	1	101	253	1,173	25	518
Child Restraint Only	1,970	1.5	0	17	51	386	22	1,494
Harness	4,290	3.4	1	109	135	1,607	72	2,366
Lap Belt	17,671	13.8	3	369	460	6,358	274	10,207
Lap Belt & Harness	70,772	55.3	23	1,127	1,740	27,281	783	39,818
Other	83	0.1	0	2	1	33	0	47
Unknown	20,151	15.7	30	343	559	6,416	335	12,468
Motorcyclists	1,227	100.0	29	218	321	518	34	107
No Helmet Used	289	23.6	5	53	74	135	6	16
Helmet Used	664	54.1	15	121	178	273	19	58
Unknown	274	22.3	9	44	69	110	9	33
Bicyclists	3,009	100.0	15	332	802	1,670	84	106
No Helmet Used	1,266	42.1	7	148	337	709	24	41
Helmet Used	178	5.9	0	17	58	89	8	6
Unknown	1,565	52.0	8	167	407	872	52	59