

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

2003

TABLE 1 New York City Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	84,949	54,438†
Fatal Accidents	320	320
Non-Fatal Personal Injury Accidents	67,050	53,825
Reportable Property Damage Accidents	17,579	293†
Vehicles	162,507	100,733
Drivers Involved	137,343	88,495
Vehicle Occupants	211,696	150,597
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	11,786	11,344
Bicycle/Motor Vehicle Accidents	3,020	2,921
Motorcycle Accidents	1,333	1,185
Fatalities		
Persons Killed (1)	344	344
Drivers Killed	114	114
Passengers Killed	52	52
Pedestrians Killed	162	162
Bicyclists Killed	16	16
Other	0	0
Non-Fatal Injuries		
Persons Injured (1)	100,444	82,514
Drivers Injured	49,915	37,732
Passengers Injured	35,229	30,192
Pedestrians Injured	11,711	11,266
Bicyclists Injured	2,961	2,868
Other	628	456

† It is important to note that the data for 2003 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	123.49
Death Rate/100 Mil Vehicle Miles	1.09
Injury Rate/100 Mil Vehicle Miles	178.53
Death Rate/100,000 Population	7.69
Injury Rate/100,000 Population	1260.50
Death Rate/100,000 Licensed Drivers	13.00
Injury Rate/100,000 Licensed Drivers	2132.37

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	54,438	100.0
Fatal (K) Accidents	320	0.6
Personal Injury Accidents		
Serious (A)	4,043	7.4
Moderate (B)	6,568	12.1
Minor (C)	40,632	74.6
Unknown Severity	2,582	4.7
Property Damage (O) Accidents	293	0.5

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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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	84,949	4,897	3,930	8,884	10,731	13,175	16,150	12,711	8,955	5,516
Sunday										
Total	10,314	963	918	626	1,056	1,553	1,805	1,561	1,124	708
Fatal	50	6	12	3	5	3	8	7	6	0
Personal Injury	8,234	774	735	504	775	1,242	1,486	1,358	984	376
Property Damage	2,030	183	171	119	276	308	311	196	134	332
Monday										
Total	12,103	560	421	1,460	1,634	1,988	2,401	1,700	1,150	789
Fatal	38	7	1	8	4	10	2	3	2	1
Personal Injury	9,575	453	309	1,096	1,253	1,579	1,982	1,463	1,038	402
Property Damage	2,490	100	111	356	377	399	417	234	110	386
Tuesday										
Total	12,146	517	392	1,556	1,657	1,861	2,438	1,809	1,202	714
Fatal	49	2	10	8	5	7	7	7	2	1
Personal Injury	9,608	419	282	1,194	1,282	1,502	1,977	1,547	1,060	345
Property Damage	2,489	96	100	354	370	352	454	255	140	368
Wednesday										
Total	12,521	560	402	1,477	1,730	1,826	2,517	1,956	1,271	782
Fatal	43	6	5	2	7	8	3	7	5	0
Personal Injury	9,969	478	299	1,114	1,372	1,459	2,055	1,687	1,134	371
Property Damage	2,509	76	98	361	351	359	459	262	132	411
Thursday										
Total	11,974	545	421	1,465	1,597	1,787	2,305	1,802	1,253	799
Fatal	37	3	4	4	1	7	4	4	9	1
Personal Injury	9,303	449	305	1,073	1,237	1,375	1,863	1,529	1,081	391
Property Damage	2,634	93	112	388	359	405	438	269	163	407
Friday										
Total	13,815	712	538	1,536	1,714	2,135	2,587	2,103	1,570	920
Fatal	43	5	5	6	6	4	4	4	8	1
Personal Injury	10,786	587	390	1,149	1,344	1,679	2,062	1,769	1,351	455
Property Damage	2,986	120	143	381	364	452	521	330	211	464
Saturday										
Total	12,076	1,040	838	764	1,343	2,025	2,097	1,780	1,385	804
Fatal	60	12	7	3	3	5	10	12	7	1
Personal Injury	9,575	864	658	587	1,010	1,609	1,734	1,510	1,196	407
Property Damage	2,441	164	173	174	330	411	353	258	182	396

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	54,438	100.0	320	53,825	293
State Police	0	0.0	0	0	0
County Police	4	<0.1	0	4	0
New York City Police (NYPD)	54,430	99.9	320	53,817	293
Municipal Police (non-NYC)	3	<0.1	0	3	0
Other	0	0.0	0	0	0
Unknown	1	<0.1	0	1	0

TABLE 5 Jurisdictional Road System					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	84,949	100.0	320	67,050	17,579
State Routes	198	0.2	1	144	53
County Routes	43	0.1	0	39	4
Town Routes	626	0.7	2	498	126
Municipal Streets	71,491	84.2	275	56,817	14,399
Parkways	5,609	6.6	23	4,326	1,260
Thruway	6	<0.1	0	0	6
Other Interstates	6,668	7.8	19	5,056	1,593
Unknown	308	0.4	0	170	138

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	84,949	100.0	320	67,050	17,579
Single Vehicle Accidents	18,597	21.9	206	17,428	963
Two Vehicle Accidents	57,844	68.1	77	42,192	15,575
3 or More Vehicle Accidents	8,508	10.0	37	7,430	1,041

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TABLE 7(P) Accident Contributing Factors					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Accidents	54,438	100.0	320	53,825	293
Accidents With No Factor Reported	19,139	35.2	80	18,957	102
Accidents With One or More Factors Reported	35,299	64.8	240	34,868	191
Accidents With Human Factors	30,530	56.1	228	30,142	160
Aggressive Driving/Road Rage	723	1.3	6	715	2
Alcohol Involvement	920	1.7	23	893	4
Backing Unsafely	833	1.5	3	825	5
Cell Phone (hand held)	61	0.1	0	61	0
Cell Phone (hands free)	19	<0.1	0	19	0
Driver Inattention/Distraction	11,364	20.9	45	11,271	48
Driver Inexperience	1,389	2.6	14	1,368	7
Drugs (Illegal)	99	0.2	0	99	0
Failure to Keep Right	233	0.4	0	231	2
Failure to Yield R.O.W.	5,989	11.0	31	5,939	19
Fatigued/Drowsy	150	0.3	1	135	14
Fell Asleep	238	0.4	0	218	20
Following Too Closely	4,770	8.8	3	4,749	18
Illness	136	0.2	0	133	3
Lost Consciousness	145	0.3	4	140	1
Other Electronic Device	19	<0.1	0	19	0
Outside Car Distraction	234	0.4	0	233	1
Passenger Distraction	171	0.3	0	169	2
Passing or Lane Usage Improper	1,124	2.1	6	1,111	7
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,334	4.3	50	2,284	0
Physical Disability	71	0.1	4	65	2
Prescription Medication	39	0.1	1	36	2
Reaction to Other Uninvolved Vehicle	1,278	2.3	4	1,263	11
Traffic Control Disregarded	2,532	4.7	24	2,503	5
Turning Improperly	1,764	3.2	9	1,740	15
Unsafe Lane Changing	1,330	2.4	9	1,314	7
Unsafe Speed	2,753	5.1	71	2,674	8
Other Human	416	0.8	1	415	0
Accidents With Vehicular Factors	3,766	6.9	12	3,730	24
Accelerator Defective	73	0.1	1	70	2
Brakes Defective	485	0.9	2	481	2
Driverless/Runaway Vehicle	34	0.1	0	33	1
Headlights Defective	11	<0.1	0	11	0
Other Lighting Defects	21	<0.1	0	21	0
Oversized Vehicle	94	0.2	0	93	1
Steering Failure	83	0.2	0	83	0
Tire Failure/Inadequate	126	0.2	0	124	2
Tow Hitch Defective	7	<0.1	0	6	1
Windshield Inadequate	8	<0.1	0	8	0
Other Vehicular	2,941	5.4	9	2,916	16
Accidents With Environmental Factors	4,474	8.2	21	4,425	28
Animal's Action	44	0.1	0	43	1
Glare	386	0.7	2	381	3
Lane Marking Improper/Inadequate	20	<0.1	0	20	0
Obstruction/Debris	250	0.5	2	248	0
Pavement Defective	210	0.4	1	209	0
Pavement Slippery	2,805	5.2	8	2,780	17
Shoulders Defective/Improper	16	<0.1	0	16	0
Traffic Control Device Improper/Non-Working	171	0.3	0	171	0
View Obstructed/Limited	734	1.3	10	715	9
Other Environmental	28	0.1	0	28	0

Note: Many accidents have multiple factors reported.

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TABLE 8 Driver Age and Gender					
	Total Drivers		Drivers by Severity of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total Drivers	137,343	100.0	422	111,339	25,582
Male	99,410	72.4	353	80,977	18,080
Under 16	59	<0.1	0	52	7
16 - 17	852	0.6	4	708	140
18 - 20	4,529	3.3	17	3,854	658
21 - 24	8,960	6.5	43	7,612	1,305
25 - 29	12,306	9.0	48	10,341	1,917
30 - 34	12,620	9.2	53	10,609	1,958
35 - 39	12,783	9.3	51	10,665	2,067
40 - 44	12,479	9.1	35	10,391	2,053
45 - 49	10,344	7.5	29	8,432	1,883
50 - 54	7,799	5.7	19	6,093	1,687
55 - 59	5,658	4.1	14	4,439	1,205
60 - 64	3,852	2.8	13	2,937	902
65 - 69	2,423	1.8	11	1,787	625
70 - 74	1,618	1.2	3	1,127	488
75 - 79	1,106	0.8	5	690	411
80 and Over	914	0.7	7	599	308
Unknown Age	1,108	0.8	1	641	466
Female	37,846	27.6	47	30,318	7,481
Under 16	18	<0.1	0	15	3
16 - 17	374	0.3	0	308	66
18 - 20	1,929	1.4	4	1,607	318
21 - 24	3,896	2.8	3	3,233	660
25 - 29	5,206	3.8	3	4,366	837
30 - 34	5,153	3.8	6	4,321	826
35 - 39	4,944	3.6	5	4,105	834
40 - 44	4,373	3.2	7	3,553	813
45 - 49	3,603	2.6	3	2,850	750
50 - 54	2,795	2.0	8	2,125	662
55 - 59	1,997	1.5	2	1,456	539
60 - 64	1,273	0.9	1	902	370
65 - 69	784	0.6	2	530	252
70 - 74	549	0.4	1	363	185
75 - 79	401	0.3	0	260	141
80 and Over	313	0.2	2	192	119
Unknown Age	238	0.2	0	132	106
Unknown Gender	87	0.1	22	44	21

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	100,788	100.0	344	100,444
Under 5	1,393	1.4	6	1,387
5 - 9	2,721	2.7	4	2,717
10 - 13	2,879	2.9	4	2,875
14 - 17	3,747	3.7	11	3,736
18 - 20	6,705	6.7	16	6,689
21 - 24	10,585	10.5	35	10,550
25 - 29	12,212	12.1	34	12,178
30 - 34	11,106	11.0	29	11,077
35 - 39	10,497	10.4	24	10,473
40 - 44	9,431	9.4	18	9,413
45 - 49	7,466	7.4	22	7,444
50 - 54	5,701	5.7	17	5,684
55 - 59	4,057	4.0	15	4,042
60 - 64	2,716	2.7	19	2,697
65 - 69	1,857	1.8	18	1,839
70 - 74	1,331	1.3	16	1,315
75 - 79	963	1.0	13	950
80 and Over	967	1.0	30	937
Unknown Age	4,454	4.4	13	4,441

	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	149,285	100.0	131	2,918	4,329	57,543	1,958	82,406
No Restraint Used	11,215	7.5	30	439	578	4,432	166	5,570
Air Bag Deployed	980	0.7	13	73	108	486	6	294
with Child Restraint	12	<0.1	0	1	3	4	0	4
with Harness	352	0.2	2	21	38	198	6	87
with Lap Belt	366	0.2	0	22	36	214	6	88
with Lap Belt & Harness	2,011	1.3	3	103	264	1,125	17	499
Child Restraint Only	2,190	1.5	2	14	50	421	18	1,685
Harness	5,623	3.8	5	140	137	2,308	63	2,970
Lap Belt	20,468	13.7	2	467	509	7,672	420	11,398
Lap Belt & Harness	80,829	54.1	29	1,212	2,006	32,350	897	44,335
Other	107	0.1	0	6	2	36	0	63
Unknown	25,132	16.8	45	420	598	8,297	359	15,413
Motorcyclists	1,312	100.0	35	228	363	563	22	101
No Helmet Used	312	23.8	12	45	116	122	1	16
Helmet Used	721	55.0	19	143	186	319	10	44
Unknown	279	21.3	4	40	61	122	11	41
Bicyclists	2,977	100.0	16	316	792	1,678	82	93
No Helmet Used	1,266	42.5	7	141	343	710	29	36
Helmet Used	124	4.2	1	12	41	62	4	4
Unknown	1,587	53.3	8	163	408	906	49	53