

**New York State Department of Motor Vehicles
Summary of New York City Motor Vehicle Accidents
2002**

TABLE 1 New York City Accidents		
Category Totals	All Accidents	Police Reported
Total Accidents	93,312	68,173
Fatal Accidents	328	328
Non-Fatal Personal Injury Accidents	75,528	64,204
Reportable Property Damage Accidents	17,456	3,641
Vehicles	180,319	129,620
Drivers Involved	154,462	114,134
Vehicle Occupants	242,496	192,388
Special Accident Series		
Pedestrian/Motor Vehicle Accidents	12,072	11,713
Bicycle/Motor Vehicle Accidents	3,291	3,221
Motorcycle Accidents	1,378	1,255
Fatalities		
Persons Killed (1)	347	347
Drivers Killed	119	119
Passengers Killed	53	53
Pedestrians Killed	156	156
Bicyclists Killed	18	18
Other	1	1
Non-Fatal Injuries		
Persons Injured (1)	115,215	99,565
Drivers Injured	57,550	47,120
Passengers Injured	41,577	36,927
Pedestrians Injured	12,054	11,696
Bicyclists Injured	3,241	3,179
Other	793	643
(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	1.04
Injury Acc Rate/100 Mil Vehicle Miles	134.63
Death Rate/100 Mil Vehicle Miles	1.13
Injury Rate/100 Mil Vehicle Miles	197.57
Death Rate/100,000 Population	7.89
Injury Rate/100,000 Population	1373.89
Death Rate/100,000 Licensed Drivers	13.69
Injury Rate/100,000 Licensed Drivers	2385.18

TABLE 2(P) Severity of Accident		
	Number	Percent
Total	68,173	100.0
Fatal (K) Accidents	328	0.5
Personal Injury Accidents		
Serious (A)	4,436	6.5
Moderate (B)	7,576	11.1
Minor (C)	49,321	72.3
Unknown Severity	2,871	4.2
Property Damage (O) Accidents	3,641	5.3

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.

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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	93,312	4,716	3,462	8,844	11,159	14,726	18,502	15,038	10,607	6,258
Sunday										
Total	11,532	980	917	662	1,061	1,820	2,093	1,792	1,394	813
Fatal	57	5	21	7	3	3	6	4	7	1
Personal Injury	9,404	844	745	542	819	1,452	1,741	1,517	1,220	524
Property Damage	2,071	131	151	113	239	365	346	271	167	288
Monday										
Total	13,116	559	346	1,377	1,718	2,074	2,728	2,010	1,434	870
Fatal	42	2	2	5	6	5	9	5	8	0
Personal Injury	10,652	491	276	1,056	1,359	1,679	2,250	1,727	1,260	554
Property Damage	2,422	66	68	316	353	390	469	278	166	316
Tuesday										
Total	13,408	486	323	1,532	1,738	2,036	2,723	2,211	1,428	931
Fatal	44	5	2	4	2	6	11	4	10	0
Personal Injury	10,754	413	262	1,196	1,334	1,630	2,193	1,856	1,278	592
Property Damage	2,610	68	59	332	402	400	519	351	140	339
Wednesday										
Total	13,199	496	302	1,454	1,631	2,064	2,817	2,210	1,351	874
Fatal	50	4	3	8	6	4	8	9	6	2
Personal Injury	10,700	421	237	1,161	1,293	1,668	2,282	1,916	1,177	545
Property Damage	2,449	71	62	285	332	392	527	285	168	327
Thursday										
Total	13,841	551	323	1,547	1,814	2,228	2,657	2,287	1,537	897
Fatal	35	4	4	4	4	7	4	5	2	1
Personal Injury	11,171	468	257	1,195	1,410	1,796	2,157	1,953	1,346	589
Property Damage	2,635	79	62	348	400	425	496	329	189	307
Friday										
Total	14,809	677	448	1,479	1,781	2,297	2,980	2,443	1,724	980
Fatal	53	5	5	5	7	8	7	6	10	0
Personal Injury	11,918	587	346	1,187	1,372	1,870	2,414	2,054	1,468	620
Property Damage	2,838	85	97	287	402	419	559	383	246	360
Saturday										
Total	13,407	967	803	793	1,416	2,207	2,504	2,085	1,739	893
Fatal	47	6	10	3	4	4	8	2	10	0
Personal Injury	10,929	834	682	639	1,142	1,793	2,054	1,747	1,459	579
Property Damage	2,431	127	111	151	270	410	442	336	270	314

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TABLE 4(P) Police Investigating Agency					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	68,173	100.0	328	64,204	3,641
State Police	1	<0.1	0	1	0
County Police	4	<0.1	0	4	0
New York City Police (NYPD)	68,155	99.9	328	64,187	3,640
Municipal Police (non-NYC)	13	<0.1	0	12	1
Other	0	0.0	0	0	0
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	93,312	100.0	328	75,528	17,456
State Routes	377	0.4	4	286	87
County Routes	13	<0.1	1	10	2
Town Routes	410	0.4	0	340	70
Municipal Streets	78,433	84.1	259	64,068	14,106
Parkways	6,592	7.1	31	5,212	1,349
Thruway	18	<0.1	0	14	4
Other Interstates	7,252	7.8	33	5,475	1,744
Unknown	217	0.2	0	123	94

TABLE 6 Manner of Collision					
	Total Accidents		Severity Class of Accident		
	Number	Percent	Fatal	Personal Injury	Property Damage
Total	93,312	100.0	328	75,528	17,456
Single Vehicle Accidents	19,359	20.7	199	18,225	935
Two Vehicle Accidents	63,991	68.6	95	48,552	15,344
3 or More Vehicle Accidents	9,962	10.7	34	8,751	1,177

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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	68,173	100.0	328	64,204	3,641
Accidents With No Factor Reported	22,054	32.4	93	20,741	1,220
Accidents With One or More Factors Reported	46,119	67.6	235	43,463	2,421
Accidents With Human Factors	40,585	59.5	211	38,278	2,096
Aggressive Driving/Road Rage*	717	1.1	7	685	25
Alcohol Involvement	980	1.4	23	928	29
Backing Unsafely	1,098	1.6	4	1,014	80
Cell Phone (hand held)*	69	0.1	0	65	4
Cell Phone (hands free)*	16	<0.1	0	15	1
Driver Inattention/Distraction	15,130	22.2	40	14,289	801
Driver Inexperience	1,758	2.6	10	1,661	87
Drugs (Illegal)	76	0.1	1	75	0
Failure to Keep Right	196	0.3	0	184	12
Failure to Yield R.O.W.	7,518	11.0	27	7,086	405
Fatigued/Drowsy	167	0.2	1	149	17
Fell Asleep	297	0.4	2	263	32
Following Too Closely	6,365	9.3	2	6,107	256
Illness	122	0.2	1	114	7
Lost Consciousness	162	0.2	4	153	5
Other Electronic Device*	17	<0.1	0	16	1
Outside Car Distraction*	268	0.4	2	253	13
Passenger Distraction*	261	0.4	0	251	10
Passing or Lane Usage Improper	1,621	2.4	8	1,463	150
Pedestrian/Bicyclist/Other Ped Error/Confusion	2,695	4.0	38	2,657	0
Physical Disability	71	0.1	0	68	3
Prescription Medication	30	<0.1	0	29	1
Reaction to Other Uninvolved Vehicle*	1,297	1.9	3	1,234	60
Traffic Control Disregarded	3,457	5.1	28	3,302	127
Turning Improperly	2,380	3.5	8	2,200	172
Unsafe Lane Changing	1,943	2.9	6	1,773	164
Unsafe Speed	3,453	5.1	69	3,265	119
Other Human	2,777	4.1	4	2,585	188
Accidents With Vehicular Factors	4,661	6.8	16	4,381	264
Accelerator Defective	93	0.1	0	89	4
Brakes Defective	593	0.9	2	567	24
Driverless/Runaway Vehicle	33	<0.1	1	30	2
Headlights Defective	15	<0.1	0	13	2
Other Lighting Defects	26	<0.1	0	25	1
Oversized Vehicle	117	0.2	1	99	17
Steering Failure	137	0.2	1	126	10
Tire Failure/Inadequate	131	0.2	0	122	9
Tow Hitch Defective	8	<0.1	0	6	2
Windshield Inadequate	6	<0.1	0	3	3
Other Vehicular	3,602	5.3	13	3,395	194
Accidents With Environmental Factors	5,548	8.1	23	5,205	320
Animal's Action	72	0.1	0	68	4
Glare	477	0.7	7	448	22
Lane Marking Improper/Inadequate	44	0.1	0	40	4
Obstruction/Debris	287	0.4	0	268	19
Pavement Defective	219	0.3	1	210	8
Pavement Slippery	3,380	5.0	8	3,178	194
Shoulders Defective/Improper	16	<0.1	0	14	2
Traffic Control Device Improper/Non-Working	200	0.3	0	192	8
View Obstructed/Limited	883	1.3	7	823	53
Other Environmental	205	0.3	0	191	14

* New Category as of July 2001.

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	154,462	100.0	427	127,427	26,608
Male	112,114	72.6	354	93,009	18,751
Under 16	72	<0.1	0	64	8
16 - 17	971	0.6	7	778	186
18 - 20	5,637	3.6	25	4,825	787
21 - 24	10,843	7.0	46	9,310	1,487
25 - 29	14,326	9.3	46	12,367	1,913
30 - 34	14,676	9.5	50	12,459	2,167
35 - 39	15,154	9.8	35	12,869	2,250
40 - 44	13,383	8.7	40	11,303	2,040
45 - 49	11,084	7.2	28	9,140	1,916
50 - 54	8,469	5.5	24	6,849	1,596
55 - 59	6,029	3.9	14	4,767	1,248
60 - 64	4,020	2.6	11	3,129	880
65 - 69	2,541	1.6	9	1,904	628
70 - 74	1,664	1.1	5	1,170	489
75 - 79	1,147	0.7	5	745	397
80 and Over	1,077	0.7	8	721	348
Unknown Age	1,021	0.7	1	609	411
Female	42,205	27.3	69	34,327	7,809
Under 16	12	<0.1	0	11	1
16 - 17	436	0.3	2	362	72
18 - 20	2,267	1.5	7	1,879	381
21 - 24	4,323	2.8	6	3,665	652
25 - 29	5,720	3.7	4	4,899	817
30 - 34	5,895	3.8	9	5,023	863
35 - 39	5,683	3.7	7	4,776	900
40 - 44	4,879	3.2	5	3,993	881
45 - 49	4,020	2.6	6	3,232	782
50 - 54	3,047	2.0	7	2,368	672
55 - 59	2,183	1.4	6	1,611	566
60 - 64	1,348	0.9	4	976	368
65 - 69	765	0.5	2	524	239
70 - 74	636	0.4	1	411	224
75 - 79	457	0.3	0	285	172
80 and Over	328	0.2	3	206	119
Unknown Age	206	0.1	0	106	100
Unknown Gender	143	0.1	4	91	48

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Age Group	Total Persons		Persons Killed	Persons Injured
	Number	Percent		
Total	115,562	100.0	347	115,215
Under 5	1,566	1.4	8	1,558
5 - 9	3,070	2.7	6	3,064
10 - 13	3,193	2.8	3	3,190
14 - 17	4,155	3.6	16	4,139
18 - 20	7,912	6.8	21	7,891
21 - 24	12,464	10.8	26	12,438
25 - 29	14,362	12.4	30	14,332
30 - 34	13,466	11.7	28	13,438
35 - 39	12,496	10.8	27	12,469
40 - 44	10,714	9.3	23	10,691
45 - 49	8,371	7.2	14	8,357
50 - 54	6,504	5.6	22	6,482
55 - 59	4,468	3.9	12	4,456
60 - 64	3,014	2.6	21	2,993
65 - 69	2,004	1.7	15	1,989
70 - 74	1,439	1.2	16	1,423
75 - 79	1,062	0.9	15	1,047
80 and Over	1,048	0.9	28	1,020
Unknown Age	4,254	3.7	16	4,238

	Total Persons		Injury Severity of Person					
	Number	Percent	Killed (K)	Serious (A)	Moderate (B)	Minor (C)	Unk Injury	Uninjured (O)
Motor Vehicle Occupants	191,027	100.0	129	3,256	5,374	71,668	2,539	108,061
No Restraint Used	13,888	7.3	31	456	691	5,624	254	6,832
Air Bag Deployed	1,010	0.5	4	77	114	506	14	295
with Child Restraint	21	<0.1	0	0	5	7	0	9
with Harness	332	0.2	1	7	52	178	6	88
with Lap Belt	402	0.2	1	21	44	230	3	103
with Lap Belt & Harness	2,161	1.1	3	92	279	1,142	27	618
Child Restraint Only	2,622	1.4	0	18	54	411	22	2,117
Harness	8,056	4.2	4	149	228	3,148	102	4,425
Lap Belt	25,124	13.2	5	488	585	9,341	500	14,205
Lap Belt & Harness	102,366	53.6	31	1,377	2,452	39,976	1,140	57,390
Other	46	<0.1	0	0	0	15	0	31
Unknown	34,999	18.3	49	571	870	11,090	471	21,948
Motorcyclists	1,361	100.0	43	246	368	560	36	108
No Helmet Used	337	24.8	9	78	91	138	11	10
Helmet Used	686	50.4	26	122	201	285	12	40
Unknown	338	24.8	8	46	76	137	13	58
Bicyclists	3,279	100.0	18	365	851	1,840	123	82
No Helmet Used	888	27.1	11	100	244	493	24	16
Helmet Used	134	4.1	0	19	41	67	4	3
Unknown	2,257	68.8	7	246	566	1,280	95	63