

# **BRONX COUNTY**

## **TRAFFIC SAFETY DATA**



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## COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2006-2008. Four summary reports provide detailed accident data for the three years 2006-2008. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. Caution is advised in interpreting the data in cases where the numbers are very small. For assistance in using the data in this document or to request additional information, please contact

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Clinton	Cattaraugus	Albany	Cayuga	Allegany
Dutchess	Chautauqua	Columbia	Cortland	Broome
Essex	Erie	Fulton	Delaware	Chemung
Franklin	Genesee	Greene	Herkimer	Chenango
Hamilton	Niagara	Montgomery	Jefferson	Livingston
Orange	Orleans	Nassau	Lewis	Monroe
Putnam	Wyoming	New York City	Madison	Ontario
Rockland		Rensselaer	Oneida	Otsego
St. Lawrence		Saratoga	Onondaga	Schuyler
Sullivan		Schenectady	Oswego	Steuben
Ulster		Suffolk	Seneca	Tioga
Warren		Washington	Schoharie	Tompkins
Westchester			Wayne	Yates

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## **SECTION 1**

### **General Accident Summary Report**

**New York State Department of Motor Vehicles  
Motor Vehicle Accidents  
Bronx County**

**TABLE 1 Accident Summary Totals**

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Accidents</b>	<b>11,542</b>	<b>270,700</b>	<b>4.3</b>	<b>12,681</b>	<b>323,106</b>	<b>3.9</b>	<b>11,892</b>	<b>316,231</b>	<b>3.8</b>
Fatal Accidents	43	1,330	3.2	28	1,220	2.3	40	1,160	3.4
Non-Fatal Personal Injury Accidents	8,360	138,311	6.0	8,760	139,117	6.3	8,259	134,894	6.1
Reportable Property Damage Accidents	3,139	131,059	2.4	3,893	182,769	2.1	3,593	180,177	2.0
<b>Manner of Collision</b>									
Single Vehicle Accidents	2,602	83,588	3.1	2,948	103,286	2.9	2,778	104,790	2.7
Multiple Vehicle Accidents	8,940	187,112	4.8	9,733	219,820	4.4	9,114	211,441	4.3
<b>Special Accident Series</b>									
Pedestrian/Motor Vehicle Accidents	1,680	15,702	10.7	1,780	15,701	11.3	1,780	15,620	11.4
Bicycle/Motor Vehicle Accidents	300	5,565	5.4	323	5,535	5.8	311	5,646	5.5
Motorcycle Accidents	159	4,912	3.2	201	5,426	3.7	154	5,396	2.9
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>51</b>	<b>1,433</b>	<b>3.6</b>	<b>31</b>	<b>1,317</b>	<b>2.4</b>	<b>41</b>	<b>1,224</b>	<b>3.3</b>
Drivers Killed	16	801	2.0	10	762	1.3	11	669	1.6
Passengers Killed	11	269	4.1	5	231	2.2	4	211	1.9
Pedestrians Killed	23	315	7.3	13	272	4.8	22	302	7.3
Bicyclists Killed	1	45	2.2	3	50	6.0	4	42	9.5
Other	0	3	0.0	0	2	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>12,516</b>	<b>195,644</b>	<b>6.4</b>	<b>12,921</b>	<b>194,255</b>	<b>6.7</b>	<b>12,114</b>	<b>187,160</b>	<b>6.5</b>
Drivers Injured	6,393	119,411	5.4	6,438	119,314	5.4	5,816	114,393	5.1
Passengers Injured	4,111	54,629	7.5	4,357	53,261	8.2	4,179	51,120	8.2
Pedestrians Injured	1,645	15,369	10.7	1,726	15,472	11.2	1,729	15,317	11.3
Bicyclists Injured	289	5,426	5.3	306	5,373	5.7	295	5,422	5.4
Other	78	809	9.6	94	835	11.3	95	908	10.5

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

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

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  
Motor Vehicle Accidents  
Bronx County**

<b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b>			
	<b>2006</b>	<b>2007</b>	<b>2008</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	84.78	92.32	85.44
Crash Rate per 10,000 Licensed Drivers	281.97	300.99	287.16
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	92.30	94.29	87.33
Fatality & Injury Rate per 10,000 Licensed Drivers	307.01	307.42	293.52

<b>TABLE 2 Day of Week/Time of Day: 2008</b>						
	<b>Total Accidents</b>	<b>Time of Day</b>				
		<b>Mid-6am</b>	<b>6am-Noon</b>	<b>Noon-6pm</b>	<b>6pm-Mid</b>	<b>Unknown</b>
<b>Total</b>	<b>11,892</b>	<b>1,084</b>	<b>2,795</b>	<b>4,389</b>	<b>3,008</b>	<b>616</b>
Sunday	1,422	281	220	502	354	65
Monday	1,653	110	452	632	388	71
Tuesday	1,723	102	437	675	409	100
Wednesday	1,677	92	431	626	436	92
Thursday	1,652	93	418	630	419	92
Friday	1,975	131	488	741	504	111
Saturday	1,790	275	349	583	498	85

<b>TABLE 3(P) Police Investigating Agency</b>						
	<b>2006</b>		<b>2007</b>		<b>2008</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>7,635</b>	<b>100.0</b>	<b>8,938</b>	<b>100.0</b>	<b>8,364</b>	<b>100.0</b>
State Police	1	<0.1	4	<0.1	3	<0.1
County Police	1	<0.1	1	<0.1	2	<0.1
New York City (NYPD)	7,633	99.9	8,930	99.9	8,353	99.9
Municipal Police (non-NYC)	0	0.0	3	<0.1	6	0.1
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles  
Motor Vehicle Accidents  
Bronx County**

<b>TABLE 4 Jurisdictional Road System</b>						
	<b>2006</b>		<b>2007</b>		<b>2008</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>11,542</b>	<b>100.0</b>	<b>12,681</b>	<b>100.0</b>		
State Routes	43	0.4	683	5.4	Data are not available.	
County Routes	1	<0.1	0	0.0		
Town Routes	65	0.6	3	<0.1		
Municipal Routes	8,804	76.3	8,680	68.4		
Parkways	611	5.3	522	4.1		
Thruway	3	<0.1	22	0.2		
Other Interstates	1,979	17.1	1,629	12.8		
Unknown	36	0.3	1,142	9.0		

<b>TABLE 5 Driver Gender and Age</b>						
	<b>2006</b>		<b>2007</b>		<b>2008</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total Drivers</b>	<b>20,353</b>	<b>100.0</b>	<b>22,080</b>	<b>100.0</b>	<b>20,659</b>	<b>100.0</b>
Male	12,872	63.2	14,072	63.7	13,067	63.3
Female	5,472	26.9	5,811	26.3	5,386	26.1
Unknown	2,009	9.9	2,197	10.0	2,206	10.7
Under Age 16	6	<0.1	8	<0.1	3	<0.1
Ages 16-20	913	4.5	1,004	4.5	833	4.0
Ages 21-29	3,890	19.1	4,343	19.7	3,951	19.1
Ages 30-39	4,525	22.2	4,733	21.4	4,464	21.6
Ages 40-49	4,299	21.1	4,587	20.8	4,307	20.8
Ages 50-59	2,638	13.0	2,993	13.6	2,803	13.6
Ages 60-69	1,267	6.2	1,358	6.2	1,281	6.2
Ages 70 and Over	596	2.9	673	3.0	632	3.1
Unknown Age	2,219	10.9	2,381	10.8	2,385	11.5

**New York State Department of Motor Vehicles  
Motor Vehicle Accidents  
Bronx County**

	2006		2007		2008	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>7,635</b>		<b>8,938</b>		<b>8,364</b>	
Alcohol Involvement*	146	1.9	192	2.1	199	2.4
Backing Unsafely	129	1.7	137	1.5	138	1.6
Driver Inattention/Distraction	1,111	14.6	1,461	16.3	1,282	15.3
Driver Inexperience	228	3.0	225	2.5	203	2.4
Failure to Keep Right	44	0.6	38	0.4	38	0.5
Failure to Yield R.O.W.	534	7.0	622	7.0	530	6.3
Following Too Closely	496	6.5	581	6.5	609	7.3
Passing/Lane Violations	389	5.1	579	6.5	454	5.4
Traffic Control Disregarded	286	3.7	290	3.2	275	3.3
Turning Improperly	274	3.6	297	3.3	272	3.3
Unsafe Speed*	423	5.5	528	5.9	516	6.2

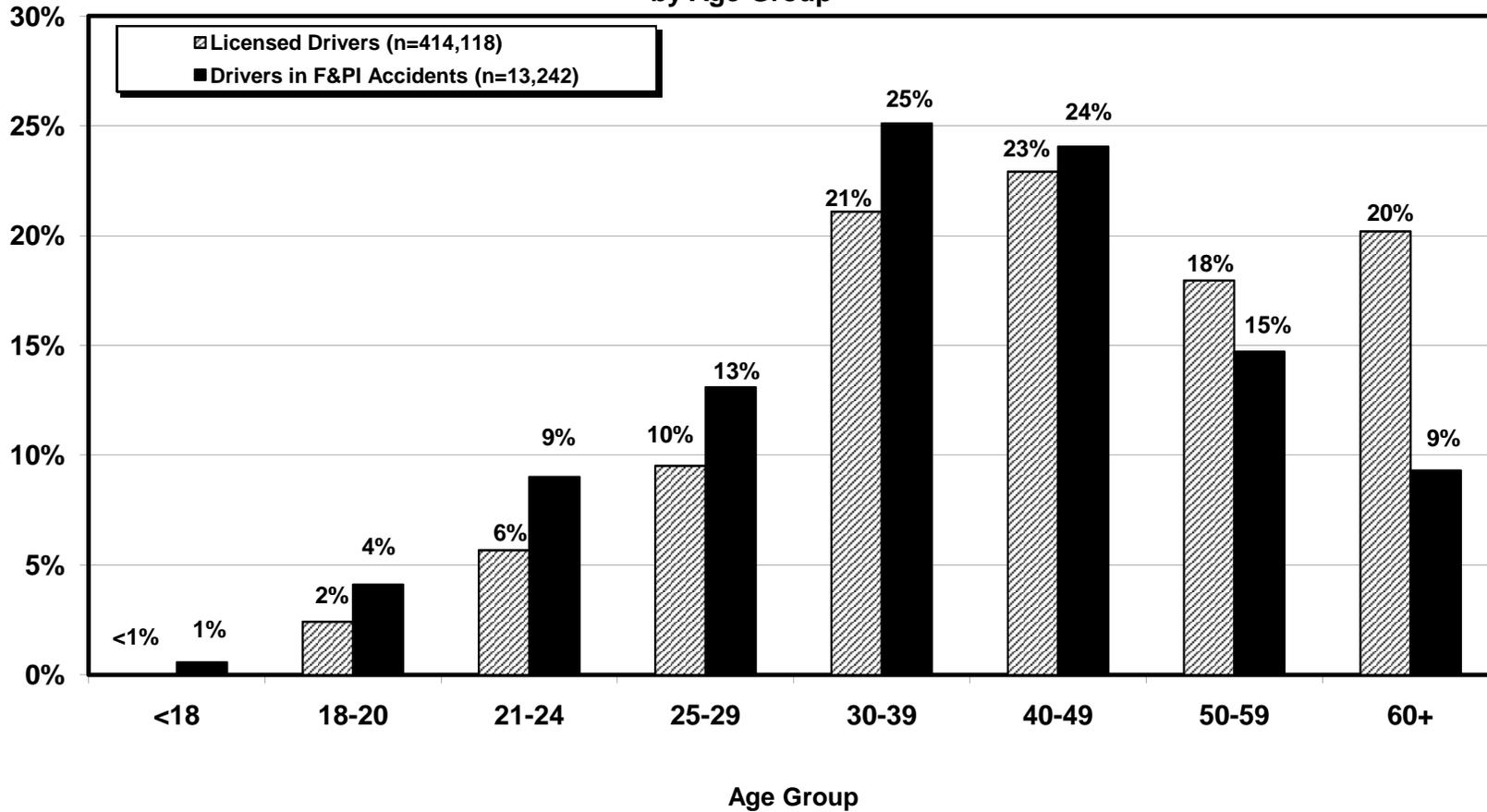
\* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For data on the total number of alcohol-related accidents in the county, see the separate report titled, "Summary of Alcohol-Related Accidents." For data on the total number of speed-related accidents in the county, see the separate report titled, "Summary of Speed-Related Accidents."

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>12,952</b>	<b>100.0</b>	<b>2,048</b>	<b>12,155</b>	<b>100.0</b>	<b>2,050</b>
Under Age 4	160	1.2	33	184	1.5	27
Ages 4-6	203	1.6	57	185	1.5	66
Ages 7-15	905	7.0	380	840	6.9	419
Ages 16-17	321	2.5	101	298	2.5	97
Ages 18-20	802	6.2	129	711	5.8	121
Ages 21-29	2,871	22.2	280	2,639	21.7	298
Ages 30-39	2,582	19.9	249	2,291	18.8	213
Ages 40-49	2,132	16.5	225	2,163	17.8	243
Ages 50-59	1,341	10.4	214	1,299	10.7	196
Ages 60-69	605	4.7	101	590	4.9	113
Ages 70 and Over	361	2.8	101	310	2.6	90
Unknown Age	669	5.2	178	645	5.3	167

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>8,273</b>	<b>100.0</b>	<b>8,648</b>	<b>100.0</b>	<b>7,960</b>	<b>100.0</b>
No Restraint Used	650	7.9	705	8.2	734	9.2
Restraint Used	6,591	79.7	6,921	80.0	6,088	76.5
Unknown	1,032	12.5	1,022	11.8	1,138	14.3
<b>Motorcyclists</b>	<b>141</b>	<b>100.0</b>	<b>177</b>	<b>100.0</b>	<b>134</b>	<b>100.0</b>
No Helmet Used	34	24.1	30	16.9	23	17.2
Helmet Used	78	55.3	121	68.4	80	59.7
Unknown	29	20.6	26	14.7	31	23.1
<b>Bicyclists</b>	<b>279</b>	<b>100.0</b>	<b>298</b>	<b>100.0</b>	<b>290</b>	<b>100.0</b>
No Helmet Used	88	31.5	104	34.9	108	37.2
Helmet Used	9	3.2	10	3.4	22	7.6
Unknown	182	65.2	184	61.7	160	55.2

**FIGURE 1**  
**Bronx County 2008**  
**Licensed Drivers and Drivers Involved in Fatal and Personal Injury Accidents**  
**by Age Group**



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury accidents. 1,143 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

<b>TABLE 9 Fatal &amp; Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities &amp; Injuries by County</b>														
<b>County</b>	<b>Pop.</b>	<b>%</b>	<b>Miles</b>	<b>%</b>	<b>Pop./ Mile</b>	<b>2006</b>			<b>2007</b>			<b>2008</b>		
						<b>F&amp;PI Crashes</b>	<b>Crashes/ Mile</b>	<b># Killed &amp; Injured</b>	<b>F&amp;PI Crashes</b>	<b>Crashes/ Mile</b>	<b># Killed &amp; Injured</b>	<b>F&amp;PI Crashes</b>	<b>Crashes/ Mile</b>	<b># Killed &amp; Injured</b>
<b>Bronx</b>	1,361,473	16.8	788.3	13.0	1727.1	8,401	10.7	12,562	8,787	11.1	12,944	8,299	10.5	12,155
<b>Kings</b>	2,508,820	31.0	1532.0	25.2	1637.6	16,339	10.7	24,253	16,141	10.5	23,458	16,436	10.7	23,606
<b>New York</b>	1,611,581	19.9	576.5	9.5	2795.5	10,540	18.3	13,935	10,108	17.5	13,443	9,160	15.9	11,913
<b>Queens</b>	2,255,175	27.8	2435.9	40.1	925.8	15,069	6.2	21,908	15,045	6.2	21,419	14,916	6.1	21,105
<b>Richmond</b>	477,377	5.9	740.8	12.2	644.4	2,774	3.7	4,011	2,892	3.9	3,986	2,813	3.8	3,894
<b>unknown</b>	na	na	na	na	na	5	na	8	2	na	9	0	na	na
<b>New York City</b>														
<b>Total</b>	<b>8,214,426</b>		<b>6073.5</b>		<b>1352.5</b>	<b>53,128</b>	<b>8.7</b>	<b>76,677</b>	<b>52,975</b>	<b>8.7</b>	<b>75,259</b>	<b>51,624</b>	<b>8.5</b>	<b>72,673</b>
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</b>	<b>139,641</b>	<b>1.2</b>	<b>197,077</b>	<b>140,337</b>	<b>1.2</b>	<b>195,572</b>	<b>136,054</b>	<b>1.2</b>	<b>188,384</b>

Source: US Census Bureau redistricting data, NYSDOT Highway Mileage report, and the NYSDMV AIS data base.

## **SECTION 2**

### **Alcohol-Related Accident Summary Report**

**New York State Department of Motor Vehicles  
Alcohol-Related Motor Vehicle Accidents  
Bronx County**

<b>TABLE 1(P) Alcohol-Related (A-R) Accidents</b>									
<b>Category Totals</b>	<b>2006</b>			<b>2007</b>			<b>2008</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Accidents</b>	<b>153</b>	<b>7,959</b>	<b>1.9</b>	<b>206</b>	<b>9,480</b>	<b>2.2</b>	<b>213</b>	<b>9,202</b>	<b>2.3</b>
Fatal Accidents	5	359	1.4	6	344	1.7	11	355	3.1
Non-Fatal Personal Injury Accidents	141	5,111	2.8	151	4,991	3.0	168	4,775	3.5
Reportable Property Damage Accidents	7	2,489	0.3	49	4,145	1.2	34	4,072	0.8
<b>Manner of Collision</b>									
Single Vehicle Accidents	44	4,380	1.0	57	5,138	1.1	61	5,033	1.2
Multiple Vehicle Accidents	109	3,579	3.0	149	4,342	3.4	152	4,169	3.6
<b>Special A-R Accident Series</b>									
A-R Pedestrian/Motor Vehicle Accidents	24	411	5.8	31	403	7.7	22	428	5.1
A-R Bicycle/Motor Vehicle Accidents	0	90	0.0	5	97	5.2	5	106	4.7
A-R Motorcycle Accidents	2	176	1.1	1	217	0.5	3	220	1.4
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>8</b>	<b>397</b>	<b>2.0</b>	<b>9</b>	<b>373</b>	<b>2.4</b>	<b>11</b>	<b>381</b>	<b>2.9</b>
Drivers Killed	2	235	0.9	3	239	1.3	5	212	2.4
<i>Drinking Drivers</i>	2	214	0.9	3	215	1.4	5	192	2.6
<i>Non-Drinking Drivers</i>	0	21	0.0	0	24	0.0	0	20	0.0
Passengers Killed	3	85	3.5	3	65	4.6	1	77	1.3
Pedestrians Killed	3	69	4.3	3	62	4.8	5	82	6.1
Bicyclists Killed	0	8	0.0	0	7	0.0	0	10	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>247</b>	<b>7,293</b>	<b>3.4</b>	<b>244</b>	<b>7,175</b>	<b>3.4</b>	<b>304</b>	<b>6,886</b>	<b>4.4</b>
Drivers Injured	137	4,753	2.9	120	4,593	2.6	154	4,396	3.5
Passengers Injured	85	2,059	4.1	85	2,072	4.1	124	1,979	6.3
Pedestrians Injured	23	361	6.4	29	362	8.0	15	360	4.2
Bicyclists Injured	0	79	0.0	5	90	5.6	5	94	5.3
Other	2	41	4.9	5	58	8.6	6	57	10.5

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.  
Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- \* All tables are based on information received from police reports.
- \* 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  
Alcohol-Related Motor Vehicle Accidents  
Bronx County**

<b>TABLE 2(P) Day of Week/Time of Day: 2008</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>213</b>	<b>106</b>	<b>24</b>	<b>27</b>	<b>53</b>	<b>3</b>
Sunday	46	26	3	4	12	1
Monday	22	11	4	2	5	0
Tuesday	20	8	1	4	7	0
Wednesday	13	5	1	0	7	0
Thursday	19	6	1	4	6	2
Friday	36	18	1	11	6	0
Saturday	57	32	13	2	10	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2006		2007		2008	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>259</b>	<b>100.0</b>	<b>322</b>	<b>100.0</b>	<b>360</b>	<b>100.0</b>
Male	204	78.8	246	76.4	277	76.9
<i>Drinking Drivers</i>	125	48.3	153	47.5	164	45.6
<i>Non-Drinking Drivers</i>	79	30.5	93	28.9	113	31.4
Female	47	18.1	55	17.1	63	17.5
<i>Drinking Drivers</i>	13	5.0	21	6.5	24	6.7
<i>Non-Drinking Drivers</i>	34	13.1	34	10.6	39	10.8
Unknown	8	3.1	21	6.5	20	5.6
<i>Drinking Drivers</i>	0	0.0	5	1.6	4	1.1
<i>Non-Drinking Drivers</i>	8	3.1	16	5.0	16	4.4
<b>Drinking Drivers</b>	<b>138</b>	<b>100.0</b>	<b>179</b>	<b>100.0</b>	<b>192</b>	<b>100.0</b>
Under Age 16	0	0.0	1	0.6	0	0.0
Ages 16-20	6	4.3	12	6.7	8	4.2
Ages 21-29	42	30.4	48	26.8	58	30.2
Ages 30-39	27	19.6	43	24.0	51	26.6
Ages 40-49	33	23.9	32	17.9	50	26.0
Ages 50-59	17	12.3	25	14.0	15	7.8
Age 60 and Over	11	8.0	12	6.7	6	3.1
Unknown Age	2	1.4	6	3.4	4	2.1
<b>Non-Drinking Drivers</b>	<b>121</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>	<b>168</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	4.1	11	7.7	4	2.4
Ages 21-29	26	21.5	33	23.1	33	19.6
Ages 30-39	30	24.8	35	24.5	41	24.4
Ages 40-49	29	24.0	24	16.8	45	26.8
Ages 50-59	15	12.4	17	11.9	18	10.7
Age 60 and Over	6	5.0	6	4.2	9	5.4
Unknown Age	10	8.3	17	11.9	18	10.7

**New York State Department of Motor Vehicles  
Alcohol-Related Motor Vehicle Accidents  
Bronx County**

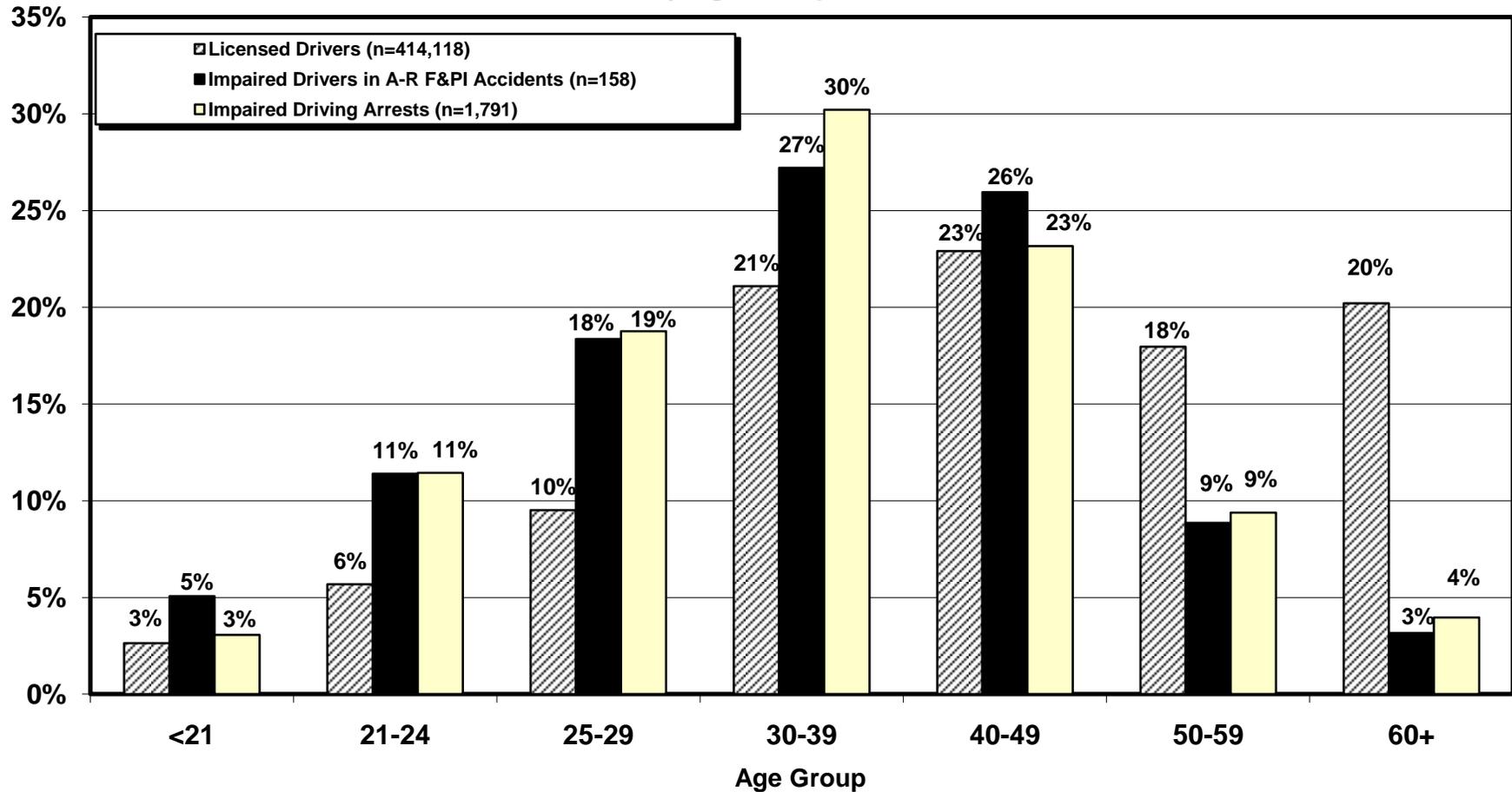
	2006		2007		2008	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>153</b>		<b>206</b>		<b>213</b>	
Driver Inattention/Distracted	9	5.9	22	10.7	24	11.3
Failure to Keep Right	2	1.3	3	1.5	5	2.3
Failure to Yield R.O.W.	2	1.3	4	1.9	6	2.8
Fell Asleep	1	0.7	2	1.0	3	1.4
Following Too Closely	4	2.6	7	3.4	4	1.9
Passing/Lane Violations	5	3.3	11	5.3	4	1.9
Traffic Control Disregarded	8	5.2	8	3.9	7	3.3
Unsafe Speed	22	14.4	25	12.1	28	13.1

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>253</b>	<b>100.0</b>	<b>37</b>	<b>315</b>	<b>100.0</b>	<b>25</b>
Under Age 4	0	0.0	0	4	1.3	0
Ages 4-6	2	0.8	0	3	1.0	0
Ages 7-15	6	2.4	2	8	2.5	2
Ages 16-17	5	2.0	0	10	3.2	2
Ages 18-20	23	9.1	1	30	9.5	2
Ages 21-29	73	28.9	6	81	25.7	4
Ages 30-39	56	22.1	6	64	20.3	3
Ages 40-49	32	12.6	6	63	20.0	5
Ages 50-59	28	11.1	8	20	6.3	2
Ages 60-69	11	4.3	4	9	2.9	1
Ages 70 and Over	2	0.8	2	2	0.6	2
Unknown Age	15	5.9	2	21	6.7	2

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>225</b>	<b>100.0</b>	<b>210</b>	<b>100.0</b>	<b>281</b>	<b>100.0</b>
No Restraint Used	30	13.3	34	16.2	44	15.7
Restraint Used	172	76.4	154	73.3	195	69.4
Unknown	23	10.2	22	10.5	42	14.9
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	1	100.0	2	66.7
Unknown	0	0.0	0	0.0	1	33.3
<b>Bicyclists</b>	<b>0</b>	<b>0.0</b>	<b>5</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>
No Helmet Used	0	0.0	2	40.0	3	60.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	3	60.0	2	40.0

**FIGURE 1**  
**Bronx County 2008**  
**Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Accidents, and Drivers Arrested by the NYPD for Impaired Driving by Age Group**



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury accidents. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

## **SECTION 3**

### **Speed-Related Accident Summary Report**

**New York State Department of Motor Vehicles  
Speed-Related Motor Vehicle Accidents**

**Bronx County**

<b>TABLE 1(P) Speed-Related (S-R) Accidents</b>									
<b>Category Totals</b>	<b>2006</b>			<b>2007</b>			<b>2008</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Accidents</b>	<b>424</b>	<b>20,927</b>	<b>2.0</b>	<b>530</b>	<b>31,729</b>	<b>1.7</b>	<b>516</b>	<b>32,234</b>	<b>1.6</b>
Fatal Accidents	11	391	2.8	9	369	2.4	11	379	2.9
Non-Fatal Personal Injury Accidents	357	13,048	2.7	398	14,405	2.8	380	14,207	2.7
Reportable Property Damage Accidents	56	7,488	0.7	123	16,955	0.7	125	17,648	0.7
<b>Manner of Collision</b>									
Single Vehicle Accidents	105	12,070	0.9	151	19,143	0.8	130	20,115	0.6
Multiple Vehicle Accidents	319	8,857	3.6	379	12,586	3.0	386	12,119	3.2
<b>Special S-R Accident Series</b>									
S-R Pedestrian/Motor Vehicle Accidents	34	347	9.8	34	382	8.9	36	369	9.8
S-R Bicycle/Motor Vehicle Accidents	4	88	4.5	6	91	6.6	1	93	1.1
S-R Motorcycle Accidents	12	797	1.5	17	857	2.0	13	854	1.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>19</b>	<b>439</b>	<b>4.3</b>	<b>12</b>	<b>406</b>	<b>3.0</b>	<b>11</b>	<b>412</b>	<b>2.7</b>
Drivers Killed	8	305	2.6	6	277	2.2	9	293	3.1
<i>Speeding Drivers</i>	8	281	2.8	6	249	2.4	8	271	3.0
<i>Non-Speeding Drivers</i>	0	24	0.0	0	28	0.0	1	22	4.5
Passengers Killed	9	112	8.0	5	104	4.8	0	90	0.0
Pedestrians Killed	2	20	10.0	1	24	4.2	2	29	6.9
Bicyclists Killed	0	2	0.0	0	1	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>670</b>	<b>19,474</b>	<b>3.4</b>	<b>707</b>	<b>21,137</b>	<b>3.3</b>	<b>692</b>	<b>20,595</b>	<b>3.4</b>
Drivers Injured	354	12,816	2.8	367	14,151	2.6	339	13,818	2.5
Passengers Injured	268	6,135	4.4	290	6,427	4.5	310	6,235	5.0
Pedestrians Injured	40	353	11.3	35	383	9.1	36	364	9.9
Bicyclists Injured	3	83	3.6	6	90	6.7	1	90	1.1
Other	5	87	5.7	9	86	10.5	6	88	6.8

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.  
 Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- \* All tables are based on information received from police reports.
- \* 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**  
**Speed-Related Motor Vehicle Accidents**  
**Bronx County**

<b>TABLE 2(P) Day of Week/Time of Day: 2008</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>516</b>	<b>117</b>	<b>132</b>	<b>124</b>	<b>140</b>	<b>3</b>
Sunday	73	30	7	18	17	1
Monday	58	8	15	16	19	0
Tuesday	68	18	13	17	20	0
Wednesday	62	9	21	19	13	0
Thursday	68	8	22	14	24	0
Friday	78	8	23	19	28	0
Saturday	109	36	31	21	19	2

<b>TABLE 3(P) Driver Gender and Age</b>						
	2006		2007		2008	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>752</b>	<b>100.0</b>	<b>930</b>	<b>100.0</b>	<b>927</b>	<b>100.0</b>
Male	571	75.9	678	72.9	652	70.3
<i>Speeding Drivers</i>	319	42.4	374	40.2	364	39.3
<i>Non-Speeding Drivers</i>	252	33.5	304	32.7	288	31.1
Female	132	17.6	187	20.1	200	21.6
<i>Speeding Drivers</i>	51	6.8	81	8.7	82	8.8
<i>Non-Speeding Drivers</i>	81	10.8	106	11.4	118	12.7
Unknown	49	6.5	65	7.0	75	8.1
<i>Speeding Drivers</i>	39	5.2	51	5.5	52	5.6
<i>Non-Speeding Drivers</i>	10	1.3	14	1.5	23	2.5
<b>Speeding Drivers</b>	<b>409</b>	<b>100.0</b>	<b>506</b>	<b>100.0</b>	<b>498</b>	<b>100.0</b>
Under Age 16	1	0.2	3	0.6	0	0.0
Ages 16-20	39	9.5	55	10.9	49	9.8
Ages 21-29	136	33.3	152	30.0	147	29.5
Ages 30-39	75	18.3	89	17.6	93	18.7
Ages 40-49	65	15.9	89	17.6	84	16.9
Ages 50-59	34	8.3	49	9.7	44	8.8
Age 60 and Over	17	4.2	17	3.4	27	5.4
Unknown Age	42	10.3	52	10.3	54	10.8
<b>Non-Speeding Drivers</b>	<b>343</b>	<b>100.0</b>	<b>424</b>	<b>100.0</b>	<b>429</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	13	3.8	16	3.8	15	3.5
Ages 21-29	73	21.3	88	20.8	91	21.2
Ages 30-39	80	23.3	94	22.2	98	22.8
Ages 40-49	89	25.9	106	25.0	102	23.8
Ages 50-59	50	14.6	69	16.3	65	15.2
Age 60 and Over	27	7.9	28	6.6	29	6.8
Unknown Age	11	3.2	23	5.4	29	6.8

**New York State Department of Motor Vehicles  
Speed-Related Motor Vehicle Accidents  
Bronx County**

	2006		2007		2008	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>424</b>		<b>530</b>		<b>516</b>	
Alcohol Involvement	20	4.7	22	4.2	24	4.7
Driver Inattention/Distracted	43	10.1	80	15.1	83	16.1
Driver Inexperience	18	4.2	28	5.3	34	6.6
Failure to Keep Right	2	0.5	2	0.4	3	0.6
Failure to Yield R.O.W.	32	7.5	35	6.6	30	5.8
Following Too Closely	37	8.7	31	5.8	62	12.0
Passing/Lane Violations	40	9.4	58	10.9	42	8.1
Traffic Control Disregarded	23	5.4	30	5.7	41	7.9

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>719</b>	<b>100.0</b>	<b>42</b>	<b>703</b>	<b>100.0</b>	<b>39</b>
Under Age 4	7	1.0	1	10	1.4	1
Ages 4-6	17	2.4	4	5	0.7	2
Ages 7-15	52	7.2	7	30	4.3	3
Ages 16-17	20	2.8	2	25	3.6	5
Ages 18-20	71	9.9	6	54	7.7	0
Ages 21-29	172	23.9	7	212	30.2	7
Ages 30-39	143	19.9	6	119	16.9	5
Ages 40-49	123	17.1	4	112	15.9	4
Ages 50-59	56	7.8	4	52	7.4	3
Ages 60-69	21	2.9	0	33	4.7	2
Ages 70 and Over	9	1.3	0	9	1.3	1
Unknown Age	28	3.9	1	42	6.0	6

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>625</b>	<b>100.0</b>	<b>652</b>	<b>100.0</b>	<b>646</b>	<b>100.0</b>
No Restraint Used	78	12.5	72	11.0	79	12.2
Restraint Used	481	77.0	517	79.3	466	72.1
Unknown	66	10.6	63	9.7	101	15.6
<b>Motorcyclists</b>	<b>14</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>
No Helmet Used	2	14.3	3	18.8	1	8.3
Helmet Used	10	71.4	13	81.3	10	83.3
Unknown	2	14.3	0	0.0	1	8.3
<b>Bicyclists</b>	<b>3</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	4	66.7	1	100.0
Helmet Used	1	33.3	0	0.0	0	0.0
Unknown	2	66.7	2	33.3	0	0.0

## **SECTION 4**

### **Motorcycle Accident Summary Report**

**New York State Department of Motor Vehicles  
Motorcycle Accidents**

**Bronx County**

<b>TABLE 1 Accident Summary Totals</b>									
<b>Category Totals</b>	<b>2006</b>			<b>2007</b>			<b>2008</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Motorcycle Accidents</b>	<b>159</b>	<b>4,912</b>	<b>3.2</b>	<b>201</b>	<b>5,426</b>	<b>3.7</b>	<b>154</b>	<b>5,396</b>	<b>2.9</b>
Fatal Accidents	4	190	2.1	5	164	3.0	4	184	2.2
Non-Fatal Personal Injury Accidents	141	4,272	3.3	183	4,727	3.9	139	4,593	3.0
Reportable Property Damage Accidents	14	450	3.1	13	535	2.4	11	619	1.8
<b>Manner of Collision</b>									
Single Motorcycle Accidents	41	2,154	1.9	48	2,318	2.1	31	2,392	1.3
Multiple Vehicle Accidents	118	2,758	4.3	153	3,108	4.9	123	3,004	4.1
<b>Special Motorcycle Accident Series</b>									
Motorcycle/Pedestrian Accidents	5	77	6.5	5	74	6.8	7	84	8.3
Motorcycle/Bicycle Accidents	0	29	0.0	1	19	5.3	0	29	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>4</b>	<b>195</b>	<b>2.1</b>	<b>5</b>	<b>172</b>	<b>2.9</b>	<b>4</b>	<b>188</b>	<b>2.1</b>
Drivers Killed	4	181	2.2	5	162	3.1	3	175	1.7
<i>Motorcycle Operators</i>	4	180	2.2	5	162	3.1	3	175	1.7
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	12	0.0	0	9	0.0	0	8	0.0
<i>Motorcycle Passengers</i>	0	12	0.0	0	9	0.0	0	7	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	2	0.0	0	1	0.0	1	4	25.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>175</b>	<b>4,951</b>	<b>3.5</b>	<b>211</b>	<b>5,503</b>	<b>3.8</b>	<b>168</b>	<b>5,290</b>	<b>3.2</b>
Drivers Injured	137	4,338	3.2	184	4,830	3.8	136	4,674	2.9
Passengers Injured	33	513	6.4	23	579	4.0	25	493	5.1
Pedestrians Injured	5	71	7.0	4	71	5.6	6	81	7.4
Bicyclists Injured	0	26	0.0	0	15	0.0	0	28	0.0
Other	0	3	0.0	0	8	0.0	1	14	7.1

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.  
 Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

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  
Motorcycle Accidents**

**Bronx County**

<b>TABLE 2 Day of Week/Time of Day: 2008</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>154</b>	<b>11</b>	<b>17</b>	<b>68</b>	<b>52</b>	<b>6</b>
Sunday	15	1	1	6	6	1
Monday	20	1	2	9	8	0
Tuesday	19	0	2	9	7	1
Wednesday	29	1	2	14	11	1
Thursday	25	4	4	7	8	2
Friday	13	0	1	7	5	0
Saturday	33	4	5	16	7	1

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2006		2007		2008	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>152</b>	<b>100.0</b>	<b>198</b>	<b>100.0</b>	<b>156</b>	<b>100.0</b>
Male	140	92.1	192	97.0	145	92.9
Female	7	4.6	5	2.5	9	5.8
Unknown	5	3.3	1	0.5	2	1.3
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	2.0	10	5.1	8	5.1
Ages 21-29	47	30.9	61	30.8	50	32.1
Ages 30-39	60	39.5	76	38.4	55	35.3
Ages 40-49	25	16.4	34	17.2	31	19.9
Ages 50-59	6	3.9	11	5.6	9	5.8
Ages 60 and Over	4	2.6	4	2.0	1	0.6
Unknown Age	7	4.6	2	1.0	2	1.3

<b>TABLE 4(P) Select Accident Contributing Factors</b>						
	2006		2007		2008	
	#	%	#	%	#	%
<b>Total MC Accidents</b>	<b>135</b>		<b>181</b>		<b>136</b>	
Alcohol Involvement	2	1.5	1	0.6	1	0.7
Driver Inattention/Distracted	12	8.9	16	8.8	8	5.9
Driver Inexperience	11	8.1	15	8.3	8	5.9
Failure to Keep Right	1	0.7	2	1.1	0	0.0
Failure to Yield R.O.W.	9	6.7	13	7.2	7	5.1
Following Too Closely	4	3.0	6	3.3	6	4.4
Passing/Lane Violations	10	7.4	18	9.9	10	7.4
Traffic Control Disregarded	1	0.7	6	3.3	5	3.7
Turning Improperly	9	6.7	13	7.2	4	2.9
Unsafe Speed	11	8.1	16	8.8	13	9.6

Note: Many accidents have multiple factors reported. Caution is advised due to the small numbers.

**New York State Department of Motor Vehicles  
Motorcycle Accidents**

**Bronx County**

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2006</b>		<b>2007</b>		<b>2008</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>155</b>	<b>100.0</b>	<b>188</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	1	0.6	0	0.0	1	0.7
Ages 16-17	3	1.9	0	0.0	0	0.0
Ages 18-20	6	3.9	9	4.8	8	5.6
Ages 21-29	47	30.3	60	31.9	45	31.5
Ages 30-39	59	38.1	70	37.2	50	35.0
Ages 40-49	26	16.8	31	16.5	25	17.5
Ages 50-59	6	3.9	10	5.3	8	5.6
Ages 60-69	3	1.9	3	1.6	1	0.7
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	4	2.6	5	2.7	5	3.5

<b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b>						
	<b>2006</b>		<b>2007</b>		<b>2008</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>141</b>	<b>100.0</b>	<b>177</b>	<b>100.0</b>	<b>134</b>	<b>100.0</b>
No Helmet Used	34	24.1	30	16.9	23	17.2
Helmet Used	78	55.3	121	68.4	80	59.7
Unknown	29	20.6	26	14.7	31	23.1

<b>TABLE 7 Motorcycle Registrations / License Endorsements</b>				
	<b>MC Registrations</b>		<b>MC Licenses</b>	
	<b>#</b>	<b>% of NYS</b>	<b>#</b>	<b>% of NYS</b>
<b>2004</b>	2,583	1.0	5,848	1.0
<b>2005</b>	2,712	1.0	6,127	1.0
<b>2006</b>	2,955	1.0	6,215	1.0
<b>2007</b>	3,240	1.1	6,774	1.1
<b>2008</b>	3,520	1.1	7,268	1.1

## **SECTION 5**

### **Ticket Data**

## BRONX COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2006	2007	2008
<b>TOTAL TICKETS ISSUED</b>	<b>193,153</b>	<b>193,354</b>	<b>187,895</b>
<b>SPEED (V&amp;T 1180)</b>	<b>15,780</b>	<b>15,867</b>	<b>16,448</b>
% of total tickets	8.2%	8.2%	8.8%
% convicted on same charge (of adjudicated cases)	90.8%	89.7%	92.9%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>31,081</b>	<b>31,833</b>	<b>29,717</b>
% of total tickets	16.1%	16.5%	15.8%
% convicted on same charge (of adjudicated cases)	91.2%	91.9%	91.4%
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>			
<b>Persons Arrested for Impaired Driving</b>	<b>1,453</b>	<b>1,766</b>	<b>1,791</b>
Case adjudicated	<i>No information is available on the</i>		
Case pending	<i>adjudication of impaired driving arrests.</i>		
<b>Adjudicated Cases*</b>			
Convicted on original 1192 charge			
Convicted on other 1192 charge			
Convicted on non-1192 charge			
Dismissed/Acquitted/Convicted on charge associated with different event			

Source: NYSDMV Administrative Adjudication System (speed & seat belts) and the NYPD (impaired driving).

## BRONX COUNTY

### Probation Data for V&T 1192 and 511 Convictions

	2006	2007	2008
<b>Number of Persons Sentenced to Probation</b>	135	166	174
<b>Number of Persons on Probation</b>	692	607	645

Source: NYS Division of Probation and Correctional Alternatives.

# **BRONX COUNTY**

## **Tickets Issued for Selected Violations by Agency Type**

*New York City Police Department has responsibility for all enforcement activities in this county.*

# **BRONX COUNTY**

## **Tickets Issued for Selected Violations by Enforcement Agency**

*New York City Police Department has responsibility for all enforcement activities in this county.*

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