

# **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 2008-2010. Four summary reports provide detailed accident data for the three years 2008-2010. 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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Hamilton	Clinton	Greene	Chenango	Broome
Herkimer	Franklin	Montgomery	Columbia	Cattaraugus
Warren	Jefferson	Nassau	Cortland	Chautauqua
	Lewis	New York City: Bronx, Kings, New York, Queens, Richmond	Delaware	Chemung
	Madison	Rensselaer	Dutchess	Erie
	Oneida	Schenectady	Orange	Genesee
	Onondaga	Schoharie	Putnam	Livingston
	Oswego	Suffolk	Rockland	Monroe
	St. Lawrence	Westchester	Saratoga	Niagara
	Seneca		Sullivan	Ontario
	Wayne		Ulster	Orleans
			Washington	Otsego
				Schuyler
				Steuben
				Tioga
				Tompkins
				Wyoming
				Yates

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## **SECTION 1**

### **General Accident Summary Report**

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

<b>TABLE 1 Accident Summary Totals</b>									
<b>Category Totals</b>	<b>2008</b>			<b>2009</b>			<b>2010</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>11,892</b>	<b>316,231</b>	<b>3.8</b>	<b>12,367</b>	<b>314,974</b>	<b>3.9</b>	<b>12,599</b>	<b>315,377</b>	<b>4.0</b>
Fatal Accidents	40	1,160	3.4	43	1,060	4.1	48	1,119	4.3
Non-Fatal Personal Injury Accidents	8,259	134,894	6.1	8,789	133,888	6.6	9,108	134,151	6.8
Reportable Property Damage Accidents	3,593	180,177	2.0	3,535	180,026	2.0	3,443	180,107	1.9
<b>Manner of Collision</b>									
Single Vehicle Accidents	2,778	104,790	2.7	2,766	101,080	2.7	2,825	101,471	2.8
Multiple Vehicle Accidents	9,114	211,441	4.3	9,601	213,894	4.5	9,774	213,906	4.6
<b>Special Accident Series</b>									
Pedestrian/Motor Vehicle Accidents	1,780	15,620	11.4	1,766	15,682	11.3	1,873	16,357	11.5
Bicycle/Motor Vehicle Accidents	311	5,646	5.5	291	5,620	5.2	349	6,276	5.6
Motorcycle Accidents	154	5,396	2.9	167	5,150	3.2	250	5,570	4.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>41</b>	<b>1,224</b>	<b>3.3</b>	<b>44</b>	<b>1,148</b>	<b>3.8</b>	<b>50</b>	<b>1,192</b>	<b>4.2</b>
Drivers Killed	11	669	1.6	17	603	2.8	14	646	2.2
Passengers Killed	4	211	1.9	2	209	1.0	6	198	3.0
Pedestrians Killed	22	302	7.3	25	307	8.1	27	311	8.7
Bicyclists Killed	4	42	9.5	0	29	0.0	3	36	8.3
Other	0	0	0.0	0	0	0.0	0	1	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>12,114</b>	<b>187,160</b>	<b>6.5</b>	<b>12,759</b>	<b>186,034</b>	<b>6.9</b>	<b>13,689</b>	<b>187,566</b>	<b>7.3</b>
Drivers Injured	5,816	114,393	5.1	6,342	112,855	5.6	6,481	112,104	5.8
Passengers Injured	4,179	51,120	8.2	4,342	51,499	8.4	4,947	52,421	9.4
Pedestrians Injured	1,729	15,317	11.3	1,703	15,321	11.1	1,821	16,090	11.3
Bicyclists Injured	295	5,422	5.4	277	5,405	5.1	328	6,058	5.4
Other	95	908	10.5	95	954	10.0	112	893	12.5

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

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>2008</b>	<b>2009</b>	<b>2010</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	85.44	88.51	90.96
Crash Rate per 10,000 Licensed Drivers	287.16	292.87	297.80
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	87.33	91.63	99.19
Fatality & Injury Rate per 10,000 Licensed Drivers	293.52	303.19	324.75

<b>TABLE 2 Day of Week/Time of Day: 2010</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>12,599</b>	<b>1,111</b>	<b>2,901</b>	<b>4,714</b>	<b>3,251</b>	<b>622</b>
Sunday	1,541	271	229	544	419	78
Monday	1,765	124	489	650	410	92
Tuesday	1,822	96	462	719	470	75
Wednesday	1,847	138	484	677	454	94
Thursday	1,838	97	467	696	482	96
Friday	2,000	149	443	777	537	94
Saturday	1,786	236	327	651	479	93

<b>TABLE 3(P) Police Investigating Agency</b>						
	<b>2008</b>		<b>2009</b>		<b>2010</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>8,364</b>	<b>100.0</b>	<b>8,872</b>	<b>100.0</b>	<b>9,336</b>	<b>100.0</b>
State Police	3	<0.1	4	<0.1	1	<0.1
County Police	2	<0.1	5	0.1	4	<0.1
New York City (NYPD)	8,353	99.9	8,862	99.9	9,330	99.9
Municipal Police (non-NYC)	6	<0.1	1	<0.1	1	<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>2008</b>		<b>2009</b>		<b>2010</b>	
<b>Total</b>	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

<b>TABLE 5 Driver Gender and Age</b>						
	<b>2008</b>		<b>2009</b>		<b>2010</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total Drivers</b>	<b>20,659</b>	<b>100.0</b>	<b>21,790</b>	<b>100.0</b>	<b>22,019</b>	<b>100.0</b>
Male	13,067	63.3	13,851	63.6	13,924	63.2
Female	5,386	26.1	5,831	26.8	5,877	26.7
Unknown	2,206	10.7	2,108	9.7	2,218	10.1
<b>Age</b>						
Under Age 16	3	<0.1	5	<0.1	0	0.0
Ages 16-20	833	4.0	876	4.0	869	3.9
Ages 21-29	3,951	19.1	4,189	19.2	4,107	18.7
Ages 30-39	4,464	21.6	4,702	21.6	4,576	20.8
Ages 40-49	4,307	20.8	4,630	21.2	4,614	21.0
Ages 50-59	2,803	13.6	3,091	14.2	3,332	15.1
Ages 60-69	1,281	6.2	1,364	6.3	1,475	6.7
Ages 70 and Over	632	3.1	671	3.1	670	3.0
Unknown Age	2,385	11.5	2,262	10.4	2,376	10.8

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

	2008		2009		2010	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>8,364</b>		<b>8,872</b>		<b>9,336</b>	
Alcohol Involvement*	199	2.4	163	1.8	180	1.9
Backing Unsafely	138	1.6	146	1.6	179	1.9
Driver Inattention/Distraction	1,282	15.3	1,398	15.8	1,679	18.0
Driver Inexperience	203	2.4	222	2.5	245	2.6
Failure to Keep Right	38	0.5	38	0.4	44	0.5
Failure to Yield R.O.W.	530	6.3	583	6.6	705	7.6
Following Too Closely	609	7.3	701	7.9	899	9.6
Passing/Lane Violations	454	5.4	599	6.8	597	6.4
Traffic Control Disregarded	275	3.3	263	3.0	272	2.9
Turning Improperly	272	3.3	309	3.5	298	3.2
Unsafe Speed*	516	6.2	515	5.8	486	5.2

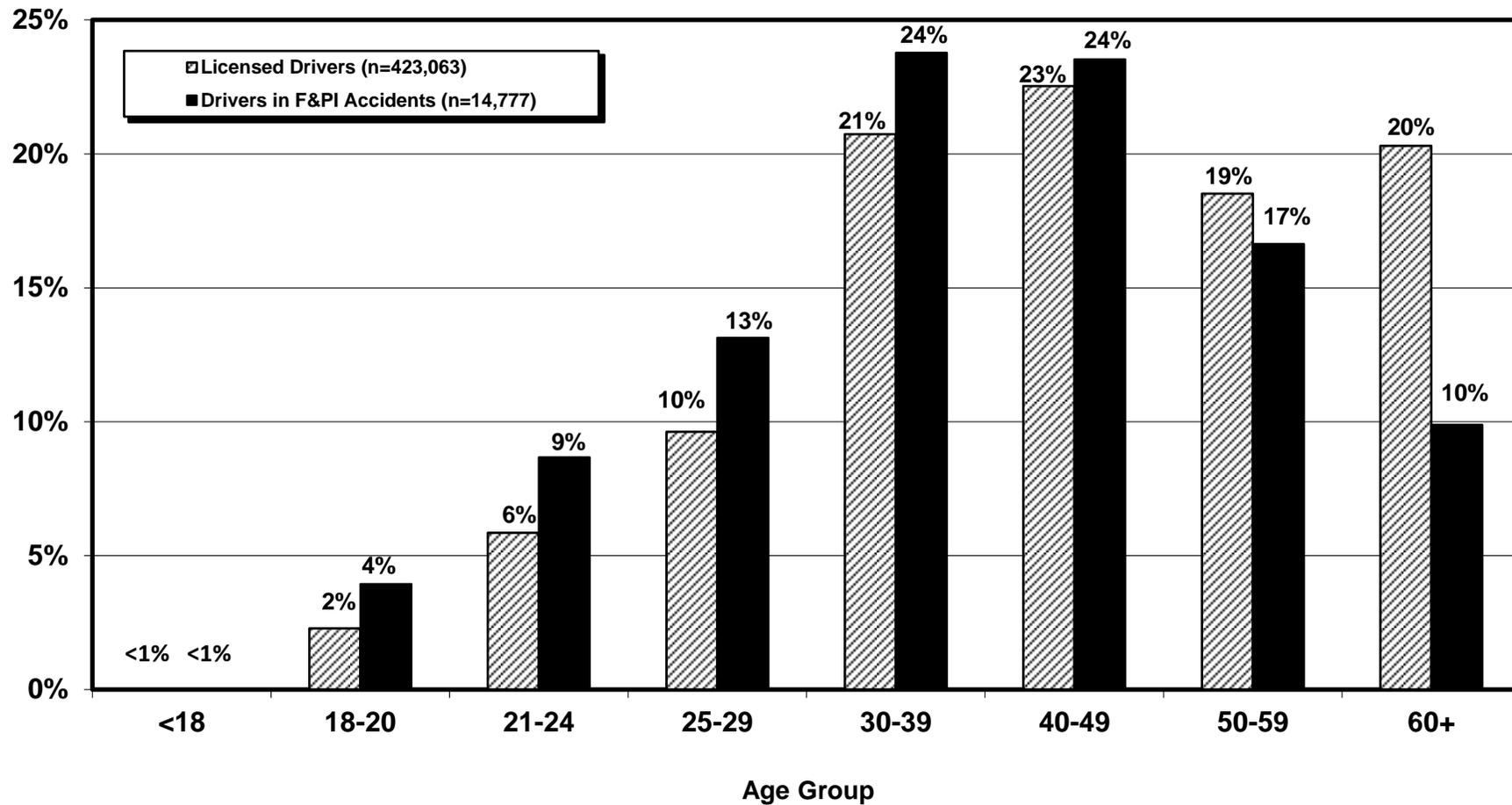
\* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>12,803</b>	<b>100.0</b>	<b>2,005</b>	<b>13,739</b>	<b>100.0</b>	<b>2,179</b>
Under Age 4	141	1.1	20	206	1.5	26
Ages 4-6	146	1.1	42	221	1.6	62
Ages 7-15	810	6.3	348	862	6.3	341
Ages 16-17	222	1.7	74	279	2.0	98
Ages 18-20	770	6.0	132	773	5.6	122
Ages 21-29	2,772	21.7	273	2,903	21.1	339
Ages 30-39	2,487	19.4	221	2,679	19.5	240
Ages 40-49	2,329	18.2	279	2,452	17.8	287
Ages 50-59	1,434	11.2	199	1,577	11.5	217
Ages 60-69	631	4.9	121	709	5.2	144
Ages 70 and Over	325	2.5	96	347	2.5	87
Unknown Age	736	5.7	200	731	5.3	216

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>7,960</b>	<b>100.0</b>	<b>8,622</b>	<b>100.0</b>	<b>9,536</b>	<b>100.0</b>
No Restraint Used	734	9.2	693	8.0	812	8.5
Restraint Used	6,088	76.5	6,845	79.4	7,429	77.9
Unknown	1,138	14.3	1,084	12.6	1,295	13.6
<b>Motorcyclists</b>	<b>134</b>	<b>100.0</b>	<b>154</b>	<b>100.0</b>	<b>219</b>	<b>100.0</b>
No Helmet Used	23	17.2	37	24.0	43	19.6
Helmet Used	80	59.7	97	63.0	136	62.1
Unknown	31	23.1	20	13.0	40	18.3
<b>Bicyclists</b>	<b>290</b>	<b>100.0</b>	<b>265</b>	<b>100.0</b>	<b>319</b>	<b>100.0</b>
No Helmet Used	108	37.2	100	37.7	112	35.1
Helmet Used	22	7.6	10	3.8	25	7.8
Unknown	160	55.2	155	58.5	182	57.1

**FIGURE 1**  
**Bronx County 2010**  
**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. 1,224 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>2008</b>			<b>2009</b>			<b>2010</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	8,299	10.5	12,155	8,832	11.2	12,803	9,156	11.6	13,739
<b>Kings</b>	2,508,820	31.0	1532.0	25.2	1637.6	16,436	10.7	23,606	16,567	10.8	23,915	17,511	11.4	25,669
<b>New York</b>	1,611,581	19.9	576.5	9.5	2795.5	9,160	15.9	11,913	8,452	14.7	10,936	8,994	15.6	11,816
<b>Queens</b>	2,255,175	27.8	2435.9	40.1	925.8	14,916	6.1	21,105	14,961	6.1	21,298	15,326	6.3	22,097
<b>Richmond</b>	477,377	5.9	740.8	12.2	644.4	2,813	3.8	3,894	2,678	3.6	3,685	2,883	3.9	4,202
<b>New York City Total</b>	<b>8,214,426</b>		<b>6073.5</b>		<b>1352.5</b>	<b>51,624</b>	<b>8.5</b>	<b>72,673</b>	<b>51,490</b>	<b>8.5</b>	<b>72,637</b>	<b>53,870</b>	<b>8.9</b>	<b>77,523</b>
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</b>	<b>136,054</b>	<b>1.2</b>	<b>188,384</b>	<b>134,948</b>	<b>1.2</b>	<b>187,182</b>	<b>135,270</b>	<b>1.2</b>	<b>188,758</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>2008</b>			<b>2009</b>			<b>2010</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>213</b>	<b>9,202</b>	<b>2.3</b>	<b>174</b>	<b>8,873</b>	<b>2.0</b>	<b>195</b>	<b>8,613</b>	<b>2.3</b>
Fatal Accidents	11	355	3.1	11	329	3.3	12	327	3.7
Non-Fatal Personal Injury Accidents	168	4,775	3.5	137	4,676	2.9	152	4,445	3.4
Reportable Property Damage Accidents	34	4,072	0.8	26	3,868	0.7	31	3,841	0.8
<b>Manner of Collision</b>									
Single Vehicle Accidents	61	5,033	1.2	49	4,843	1.0	61	4,798	1.3
Multiple Vehicle Accidents	152	4,169	3.6	125	4,030	3.1	134	3,815	3.5
<b>Special A-R Accident Series</b>									
A-R Pedestrian/Motor Vehicle Accidents	22	428	5.1	26	432	6.0	35	408	8.6
A-R Bicycle/Motor Vehicle Accidents	5	106	4.7	5	118	4.2	4	100	4.0
A-R Motorcycle Accidents	3	220	1.4	0	191	0.0	3	227	1.3
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>11</b>	<b>381</b>	<b>2.9</b>	<b>12</b>	<b>361</b>	<b>3.3</b>	<b>13</b>	<b>354</b>	<b>3.7</b>
Drivers Killed	5	212	2.4	4	198	2.0	4	206	1.9
<i>Drinking Drivers</i>	5	192	2.6	4	175	2.3	3	191	1.6
<i>Non-Drinking Drivers</i>	0	20	0.0	0	23	0.0	1	15	6.7
Passengers Killed	1	77	1.3	1	64	1.6	3	64	4.7
Pedestrians Killed	5	82	6.1	7	91	7.7	6	79	7.6
Bicyclists Killed	0	10	0.0	0	8	0.0	0	5	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>304</b>	<b>6,886</b>	<b>4.4</b>	<b>241</b>	<b>6,810</b>	<b>3.5</b>	<b>265</b>	<b>6,337</b>	<b>4.2</b>
Drivers Injured	154	4,396	3.5	126	4,321	2.9	128	4,031	3.2
Passengers Injured	124	1,979	6.3	86	1,959	4.4	95	1,815	5.2
Pedestrians Injured	15	360	4.2	23	369	6.2	32	344	9.3
Bicyclists Injured	5	94	5.3	4	107	3.7	4	95	4.2
Other	6	57	10.5	2	54	3.7	6	52	11.5

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

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: 2010</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>195</b>	<b>74</b>	<b>27</b>	<b>17</b>	<b>76</b>	<b>1</b>
Sunday	41	17	9	4	11	0
Monday	15	4	3	3	5	0
Tuesday	19	3	0	3	13	0
Wednesday	17	4	4	2	7	0
Thursday	22	7	3	1	10	1
Friday	38	15	1	4	18	0
Saturday	43	24	7	0	12	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2008		2009		2010	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>360</b>	<b>100.0</b>	<b>296</b>	<b>100.0</b>	<b>302</b>	<b>100.0</b>
Male	277	76.9	231	78.0	231	76.5
<i>Drinking Drivers</i>	164	45.6	125	42.2	141	46.7
<i>Non-Drinking Drivers</i>	113	31.4	106	35.8	90	29.8
Female	63	17.5	51	17.2	59	19.5
<i>Drinking Drivers</i>	24	6.7	27	9.1	25	8.3
<i>Non-Drinking Drivers</i>	39	10.8	24	8.1	34	11.3
Unknown	20	5.6	14	4.7	12	4.0
<i>Drinking Drivers</i>	4	1.1	2	0.7	1	0.3
<i>Non-Drinking Drivers</i>	16	4.4	12	4.1	11	3.6
<b>Drinking Drivers</b>	<b>192</b>	<b>100.0</b>	<b>154</b>	<b>100.0</b>	<b>167</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	4.2	9	5.8	8	4.8
Ages 21-29	58	30.2	44	28.6	43	25.7
Ages 30-39	51	26.6	40	26.0	37	22.2
Ages 40-49	50	26.0	36	23.4	42	25.1
Ages 50-59	15	7.8	11	7.1	24	14.4
Age 60 and Over	6	3.1	10	6.5	12	7.2
Unknown Age	4	2.1	4	2.6	1	0.6
<b>Non-Drinking Drivers</b>	<b>168</b>	<b>100.0</b>	<b>142</b>	<b>100.0</b>	<b>135</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	2.4	0	0.0	2	1.5
Ages 21-29	33	19.6	33	23.2	21	15.6
Ages 30-39	41	24.4	38	26.8	37	27.4
Ages 40-49	45	26.8	28	19.7	29	21.5
Ages 50-59	18	10.7	19	13.4	22	16.3
Age 60 and Over	9	5.4	11	7.7	13	9.6
Unknown Age	18	10.7	13	9.2	11	8.1

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

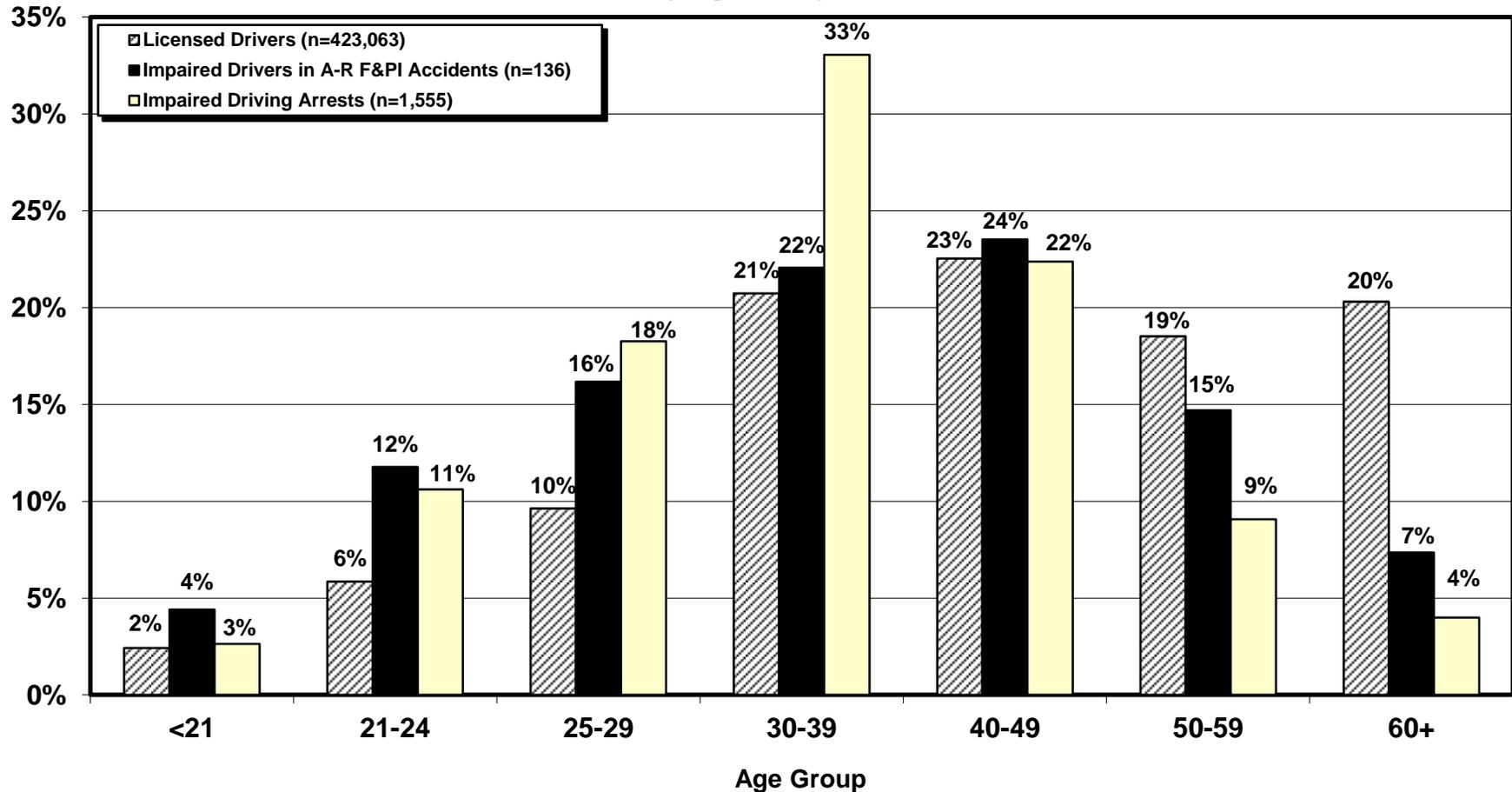
	2008		2009		2010	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>213</b>		<b>174</b>		<b>195</b>	
Driver Inattention/Distraction	24	11.3	17	9.8	9	4.6
Failure to Keep Right	5	2.3	1	0.6	0	0.0
Failure to Yield R.O.W.	6	2.8	7	4.0	5	2.6
Fell Asleep	3	1.4	4	2.3	2	1.0
Following Too Closely	4	1.9	9	5.2	10	5.1
Passing/Lane Violations	4	1.9	7	4.0	5	2.6
Traffic Control Disregarded	7	3.3	9	5.2	9	4.6
Unsafe Speed	28	13.1	22	12.6	30	15.4

Note: Many accidents have multiple factors reported.

Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>253</b>	<b>100.0</b>	<b>34</b>	<b>278</b>	<b>100.0</b>	<b>42</b>
Under Age 4	1	0.4	1	3	1.1	0
Ages 4-6	2	0.8	0	1	0.4	0
Ages 7-15	7	2.8	2	6	2.2	1
Ages 16-17	0	0.0	0	2	0.7	1
Ages 18-20	17	6.7	2	11	4.0	2
Ages 21-29	69	27.3	10	76	27.3	9
Ages 30-39	47	18.6	5	62	22.3	7
Ages 40-49	51	20.2	6	52	18.7	10
Ages 50-59	28	11.1	4	34	12.2	3
Ages 60-69	9	3.6	2	15	5.4	3
Ages 70 and Over	6	2.4	1	3	1.1	1
Unknown Age	16	6.3	1	13	4.7	5

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>281</b>	<b>100.0</b>	<b>217</b>	<b>100.0</b>	<b>227</b>	<b>100.0</b>
No Restraint Used	44	15.7	28	12.9	24	10.6
Restraint Used	195	69.4	173	79.7	163	71.8
Unknown	42	14.9	16	7.4	40	17.6
<b>Motorcyclists</b>	<b>3</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	66.7	0	0.0	2	66.7
Unknown	1	33.3	0	0.0	1	33.3
<b>Bicyclists</b>	<b>5</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>
No Helmet Used	3	60.0	1	25.0	2	50.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	2	40.0	3	75.0	2	50.0

**FIGURE 1**  
**Bronx County 2010**  
**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**

**TABLE 1(P) Speed-Related (S-R) Accidents**

Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Accidents</b>	<b>516</b>	<b>32,234</b>	<b>1.6</b>	<b>516</b>	<b>28,877</b>	<b>1.8</b>	<b>487</b>	<b>28,168</b>	<b>1.7</b>
Fatal Accidents	11	379	2.9	14	314	4.5	10	289	3.5
Non-Fatal Personal Injury Accidents	380	14,207	2.7	383	13,202	2.9	399	12,846	3.1
Reportable Property Damage Accidents	125	17,648	0.7	119	15,361	0.8	78	15,033	0.5
<b>Manner of Collision</b>									
Single Vehicle Accidents	130	20,115	0.6	111	17,351	0.6	100	16,991	0.6
Multiple Vehicle Accidents	386	12,119	3.2	405	11,526	3.5	387	11,177	3.5
<b>Special S-R Accident Series</b>									
S-R Pedestrian/Motor Vehicle Accidents	36	369	9.8	24	382	6.3	35	411	8.5
S-R Bicycle/Motor Vehicle Accidents	1	93	1.1	9	121	7.4	6	130	4.6
S-R Motorcycle Accidents	13	854	1.5	14	755	1.9	13	846	1.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>11</b>	<b>412</b>	<b>2.7</b>	<b>15</b>	<b>357</b>	<b>4.2</b>	<b>11</b>	<b>319</b>	<b>3.4</b>
Drivers Killed	9	293	3.1	10	237	4.2	3	231	1.3
<i>Speeding Drivers</i>	8	271	3.0	9	211	4.3	3	220	1.4
<i>Non-Speeding Drivers</i>	1	22	4.5	1	26	3.8	0	11	0.0
Passengers Killed	0	90	0.0	2	87	2.3	4	70	5.7
Pedestrians Killed	2	29	6.9	3	31	9.7	4	16	25.0
Bicyclists Killed	0	0	0.0	0	2	0.0	0	2	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>692</b>	<b>20,595</b>	<b>3.4</b>	<b>683</b>	<b>19,326</b>	<b>3.5</b>	<b>756</b>	<b>18,910</b>	<b>4.0</b>
Drivers Injured	339	13,818	2.5	395	12,890	3.1	399	12,556	3.2
Passengers Injured	310	6,235	5.0	246	5,853	4.2	308	5,723	5.4
Pedestrians Injured	36	364	9.9	25	386	6.5	35	422	8.3
Bicyclists Injured	1	90	1.1	9	121	7.4	6	128	4.7
Other	6	88	6.8	8	76	10.5	8	81	9.9

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

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: 2010</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>487</b>	<b>83</b>	<b>109</b>	<b>163</b>	<b>130</b>	<b>2</b>
Sunday	81	21	13	24	23	0
Monday	48	7	9	19	13	0
Tuesday	68	4	17	22	25	0
Wednesday	73	6	19	28	20	0
Thursday	67	12	19	20	15	1
Friday	70	11	14	26	18	1
Saturday	80	22	18	24	16	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2008		2009		2010	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>927</b>	<b>100.0</b>	<b>976</b>	<b>100.0</b>	<b>916</b>	<b>100.0</b>
Male	652	70.3	725	74.3	643	70.2
<i>Speeding Drivers</i>	364	39.3	376	38.5	352	38.4
<i>Non-Speeding Drivers</i>	288	31.1	349	35.8	291	31.8
Female	200	21.6	193	19.8	206	22.5
<i>Speeding Drivers</i>	82	8.8	72	7.4	65	7.1
<i>Non-Speeding Drivers</i>	118	12.7	121	12.4	141	15.4
Unknown	75	8.1	58	5.9	67	7.3
<i>Speeding Drivers</i>	52	5.6	42	4.3	55	6.0
<i>Non-Speeding Drivers</i>	23	2.5	16	1.6	12	1.3
<b>Speeding Drivers</b>	<b>498</b>	<b>100.0</b>	<b>490</b>	<b>100.0</b>	<b>472</b>	<b>100.0</b>
Under Age 16	0	0.0	2	0.4	0	0.0
Ages 16-20	49	9.8	49	10.0	44	9.3
Ages 21-29	147	29.5	140	28.6	118	25.0
Ages 30-39	93	18.7	114	23.3	95	20.1
Ages 40-49	84	16.9	79	16.1	88	18.6
Ages 50-59	44	8.8	43	8.8	44	9.3
Age 60 and Over	27	5.4	17	3.5	27	5.7
Unknown Age	54	10.8	46	9.4	56	11.9
<b>Non-Speeding Drivers</b>	<b>429</b>	<b>100.0</b>	<b>486</b>	<b>100.0</b>	<b>444</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	15	3.5	14	2.9	11	2.5
Ages 21-29	91	21.2	93	19.1	83	18.7
Ages 30-39	98	22.8	124	25.5	116	26.1
Ages 40-49	102	23.8	116	23.9	98	22.1
Ages 50-59	65	15.2	74	15.2	81	18.2
Age 60 and Over	29	6.8	43	8.8	36	8.1
Unknown Age	29	6.8	22	4.5	19	4.3

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

**Bronx County**

<b>TABLE 4(P) Select Accident Contributing Factors</b>						
	<b>2008</b>		<b>2009</b>		<b>2010</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total Accidents</b>	<b>516</b>		<b>516</b>		<b>487</b>	
Alcohol Involvement	24	4.7	16	3.1	27	5.5
Driver Inattention/Distraction	83	16.1	79	15.3	66	13.6
Driver Inexperience	34	6.6	30	5.8	19	3.9
Failure to Keep Right	3	0.6	4	0.8	3	0.6
Failure to Yield R.O.W.	30	5.8	32	6.2	34	7.0
Following Too Closely	62	12.0	51	9.9	61	12.5
Passing/Lane Violations	42	8.1	48	9.3	45	9.2
Traffic Control Disregarded	41	7.9	38	7.4	27	5.5

Note: Many accidents have multiple factors reported.

<b>TABLE 5(P) Persons Killed or Injured by Age Group: 2009-2010</b>						
<b>Age Group</b>	<b>2009</b>			<b>2010</b>		
	<b>Total #</b>	<b>%</b>	<b># of Ped/Bike</b>	<b>Total #</b>	<b>%</b>	<b># of Ped/Bike</b>
<b>Total</b>	<b>698</b>	<b>100.0</b>	<b>37</b>	<b>767</b>	<b>100.0</b>	<b>45</b>
Under Age 4	7	1.0	0	17	2.2	1
Ages 4-6	11	1.6	3	7	0.9	0
Ages 7-15	36	5.2	5	45	5.9	6
Ages 16-17	9	1.3	0	28	3.7	4
Ages 18-20	68	9.7	4	39	5.1	1
Ages 21-29	161	23.1	3	184	24.0	7
Ages 30-39	128	18.3	2	172	22.4	11
Ages 40-49	122	17.5	5	113	14.7	6
Ages 50-59	68	9.7	6	78	10.2	3
Ages 60-69	32	4.6	0	37	4.8	3
Ages 70 and Over	12	1.7	1	14	1.8	1
Unknown Age	44	6.3	8	33	4.3	2

<b>TABLE 6(P) Reported Safety Equipment Use</b>						
	<b>2008</b>		<b>2009</b>		<b>2010</b>	
	<b># Killed or Injured</b>	<b>%</b>	<b># Killed or Injured</b>	<b>%</b>	<b># Killed or Injured</b>	<b>%</b>
<b>Motor Vehicle Occupants</b>	<b>646</b>	<b>100.0</b>	<b>638</b>	<b>100.0</b>	<b>702</b>	<b>100.0</b>
No Restraint Used	79	12.2	67	10.5	66	9.4
Restraint Used	466	72.1	490	76.8	557	79.3
Unknown	101	15.6	81	12.7	79	11.3
<b>Motorcyclists</b>	<b>12</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>
No Helmet Used	1	8.3	5	33.3	3	25.0
Helmet Used	10	83.3	9	60.0	8	66.7
Unknown	1	8.3	1	6.7	1	8.3
<b>Bicyclists</b>	<b>1</b>	<b>100.0</b>	<b>9</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>
No Helmet Used	1	100.0	5	55.6	1	16.7
Helmet Used	0	0.0	0	0.0	2	33.3
Unknown	0	0.0	4	44.4	3	50.0

## **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>2008</b>			<b>2009</b>			<b>2010</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>154</b>	<b>5,396</b>	<b>2.9</b>	<b>167</b>	<b>5,150</b>	<b>3.2</b>	<b>250</b>	<b>5,570</b>	<b>4.5</b>
Fatal Accidents	4	184	2.2	5	152	3.3	7	180	3.9
Non-Fatal Personal Injury Accidents	139	4,593	3.0	153	4,347	3.5	227	4,757	4.8
Reportable Property Damage Accidents	11	619	1.8	9	651	1.4	16	633	2.5
<b>Manner of Collision</b>									
Single Motorcycle Accidents	31	2,392	1.3	40	2,270	1.8	52	2,426	2.1
Multiple Vehicle Accidents	123	3,004	4.1	127	2,880	4.4	198	3,144	6.3
<b>Special Motorcycle Accident Series</b>									
Motorcycle/Pedestrian Accidents	7	84	8.3	6	63	9.5	10	79	12.7
Motorcycle/Bicycle Accidents	0	29	0.0	0	28	0.0	1	28	3.6
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>4</b>	<b>188</b>	<b>2.1</b>	<b>5</b>	<b>155</b>	<b>3.2</b>	<b>7</b>	<b>185</b>	<b>3.8</b>
Drivers Killed	3	175	1.7	4	146	2.7	7	173	4.0
<i>Motorcycle Operators</i>	3	175	1.7	4	146	2.7	7	172	4.1
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	8	0.0	0	5	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	7	0.0	0	5	0.0	0	11	0.0
<i>Passengers in Other Vehicles</i>	0	1	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	1	4	25.0	1	3	33.3	0	1	0.0
Bicyclists Killed	0	1	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>168</b>	<b>5,290</b>	<b>3.2</b>	<b>193</b>	<b>5,042</b>	<b>3.8</b>	<b>270</b>	<b>5,468</b>	<b>4.9</b>
Drivers Injured	136	4,674	2.9	159	4,444	3.6	221	4,819	4.6
Passengers Injured	25	493	5.1	29	505	5.7	34	520	6.5
Pedestrians Injured	6	81	7.4	5	61	8.2	13	85	15.3
Bicyclists Injured	0	28	0.0	0	24	0.0	0	27	0.0
Other	1	14	7.1	0	8	0.0	2	17	11.8

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

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: 2010</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>250</b>	<b>22</b>	<b>33</b>	<b>98</b>	<b>91</b>	<b>6</b>
Sunday	39	3	4	20	10	2
Monday	26	5	1	6	13	1
Tuesday	26	3	2	9	12	0
Wednesday	46	2	9	16	19	0
Thursday	34	0	5	18	11	0
Friday	35	3	5	14	11	2
Saturday	44	6	7	15	15	1

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2008		2009		2010	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>156</b>	<b>100.0</b>	<b>167</b>	<b>100.0</b>	<b>245</b>	<b>100.0</b>
Male	145	92.9	160	95.8	231	94.3
Female	9	5.8	5	3.0	11	4.5
Unknown	2	1.3	2	1.2	3	1.2
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	5.1	6	3.6	7	2.9
Ages 21-29	50	32.1	53	31.7	67	27.3
Ages 30-39	55	35.3	52	31.1	77	31.4
Ages 40-49	31	19.9	41	24.6	57	23.3
Ages 50-59	9	5.8	10	6.0	26	10.6
Ages 60 and Over	1	0.6	3	1.8	6	2.4
Unknown Age	2	1.3	2	1.2	5	2.0

<b>TABLE 4(P) Select Accident Contributing Factors</b>						
	2008		2009		2010	
	#	%	#	%	#	%
<b>Total MC Accidents</b>	<b>136</b>		<b>148</b>		<b>223</b>	
Alcohol Involvement	1	0.7	0	0.0	1	0.4
Driver Inattention/Distraction	8	5.9	18	12.2	30	13.5
Driver Inexperience	8	5.9	10	6.8	12	5.4
Failure to Keep Right	0	0.0	0	0.0	1	0.4
Failure to Yield R.O.W.	7	5.1	12	8.1	17	7.6
Following Too Closely	6	4.4	6	4.1	7	3.1
Passing/Lane Violations	10	7.4	27	18.2	22	9.9
Traffic Control Disregarded	5	3.7	4	2.7	5	2.2
Turning Improperly	4	2.9	9	6.1	19	8.5
Unsafe Speed	13	9.6	14	9.5	13	5.8

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>2008</b>		<b>2009</b>		<b>2010</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>143</b>	<b>100.0</b>	<b>165</b>	<b>100.0</b>	<b>237</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	0.7	1	0.6	0	0.0
Ages 16-17	0	0.0	0	0.0	2	0.8
Ages 18-20	8	5.6	8	4.8	10	4.2
Ages 21-29	45	31.5	56	33.9	69	29.1
Ages 30-39	50	35.0	50	30.3	71	30.0
Ages 40-49	25	17.5	38	23.0	53	22.4
Ages 50-59	8	5.6	7	4.2	22	9.3
Ages 60-69	1	0.7	3	1.8	5	2.1
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	5	3.5	2	1.2	5	2.1

<b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b>						
	<b>2008</b>		<b>2009</b>		<b>2010</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>134</b>	<b>100.0</b>	<b>154</b>	<b>100.0</b>	<b>219</b>	<b>100.0</b>
No Helmet Used	23	17.2	37	24.0	43	19.6
Helmet Used	80	59.7	97	63.0	136	62.1
Unknown	31	23.1	20	13.0	40	18.3

<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>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
<b>2009</b>	3,692	1.1	7,865	1.2
<b>2010</b>	3,735	1.1	8,247	1.2

## **SECTION 5**

### **Ticket Data**

## BRONX COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2008	2009	2010
<b>TOTAL TICKETS ISSUED</b>	<b>187,895</b>	<b>189,800</b>	<b>176,259</b>
<b>SPEED (V&amp;T 1180)</b>	<b>16,448</b>	<b>15,821</b>	<b>13,794</b>
% of total tickets	8.8%	8.3%	7.8%
% convicted on same charge (of adjudicated cases)	92.9%	91.3%	92.7%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>29,717</b>	<b>57,454</b>	<b>25,105</b>
% of total tickets	15.8%	14.5%	14.2%
% convicted on same charge (of adjudicated cases)	91.4%	89.4%	88.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	2,619	2,700	2,495
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>			
<b>Persons Arrested for Impaired Driving</b>	<b>1,791</b>	<b>1,698</b>	<b>1,555</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

	2008	2009	2010
<b>Number of Persons Sentenced to Probation</b>	174	146	177
<b>Number of Persons on Probation</b>	645	639	659

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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