

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 2007-2009. Four summary reports provide detailed accident data for the three years 2007-2009. 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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Herkimer	Franklin	Montgomery	Columbia	Cattaraugus
Warren	Jefferson	Nassau	Cortland	Chautauqua
	Lewis	New York City: Bronx, Kings, Manhattan, 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**

TABLE 1 Accident Summary Totals

Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	12,681	323,106	3.9	11,892	316,231	3.8	12,367	314,974	3.9
Fatal Accidents	28	1,220	2.3	40	1,160	3.4	43	1,060	4.1
Non-Fatal Personal Injury Accidents	8,760	139,117	6.3	8,259	134,894	6.1	8,789	133,888	6.6
Reportable Property Damage Accidents	3,893	182,769	2.1	3,593	180,177	2.0	3,535	180,026	2.0
Manner of Collision									
Single Vehicle Accidents	2,948	103,286	2.9	2,778	104,790	2.7	2,766	101,080	2.7
Multiple Vehicle Accidents	9,733	219,820	4.4	9,114	211,441	4.3	9,601	213,894	4.5
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	1,780	15,701	11.3	1,780	15,620	11.4	1,766	15,682	11.3
Bicycle/Motor Vehicle Accidents	323	5,535	5.8	311	5,646	5.5	291	5,620	5.2
Motorcycle Accidents	201	5,426	3.7	154	5,396	2.9	167	5,150	3.2
Fatalities									
Persons Killed (1)	31	1,317	2.4	41	1,224	3.3	44	1,148	3.8
Drivers Killed	10	762	1.3	11	669	1.6	17	603	2.8
Passengers Killed	5	231	2.2	4	211	1.9	2	209	1.0
Pedestrians Killed	13	272	4.8	22	302	7.3	25	307	8.1
Bicyclists Killed	3	50	6.0	4	42	9.5	0	29	0.0
Other	0	2	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	12,921	194,255	6.7	12,114	187,160	6.5	12,759	186,034	6.9
Drivers Injured	6,438	119,314	5.4	5,816	114,393	5.1	6,342	112,855	5.6
Passengers Injured	4,357	53,261	8.2	4,179	51,120	8.2	4,342	51,499	8.4
Pedestrians Injured	1,726	15,472	11.2	1,729	15,317	11.3	1,703	15,321	11.1
Bicyclists Injured	306	5,373	5.7	295	5,422	5.4	277	5,405	5.1
Other	94	835	11.3	95	908	10.5	95	954	10.0

(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**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2007	2008	2009
Crash Rates			
Crash Rate per 10,000 Population	92.32	85.44	88.51
Crash Rate per 10,000 Licensed Drivers	300.99	287.16	292.87
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	94.29	87.33	91.63
Fatality & Injury Rate per 10,000 Licensed Drivers	307.42	293.52	303.19

TABLE 2 Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	12,367	1,150	2,846	4,602	3,115	654
Sunday	1,522	327	242	508	369	76
Monday	1,676	120	436	666	379	75
Tuesday	1,756	92	481	641	460	82
Wednesday	1,740	105	449	669	429	88
Thursday	1,817	98	454	693	451	121
Friday	2,046	134	463	781	553	115
Saturday	1,810	274	321	644	474	97

TABLE 3(P) Police Investigating Agency						
	2007		2008		2009	
	#	%	#	%	#	%
Total	8,938	100.0	8,364	100.0	8,872	100.0
State Police	4	<0.1	3	<0.1	4	<0.1
County Police	1	<0.1	2	<0.1	5	0.1
New York City (NYPD)	8,930	99.9	8,353	99.9	8,862	99.9
Municipal Police (non-NYC)	3	<0.1	6	<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**

TABLE 4 Jurisdictional Road System						
	2007		2008		2009	
	#	%	#	%	#	%
Total	12,681	100.0				
State Routes	683	5.4	Data are not available.		Data are not available.	
County Routes	0	0.0				
Town Routes	3	<0.1				
Municipal Routes	8,680	68.4				
Parkways	522	4.1				
Thruway	22	0.2				
Other Interstates	1,629	12.8				
Unknown	1,142	9.0				

TABLE 5 Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	22,080	100.0	20,659	100.0	21,790	100.0
Male	14,072	63.7	13,067	63.3	13,851	63.6
Female	5,811	26.3	5,386	26.1	5,831	26.8
Unknown	2,197	10.0	2,206	10.7	2,108	9.7
Under Age 16	8	<0.1	3	<0.1	5	<0.1
Ages 16-20	1,004	4.5	833	4.0	876	4.0
Ages 21-29	4,343	19.7	3,951	19.1	4,189	19.2
Ages 30-39	4,733	21.4	4,464	21.6	4,702	21.6
Ages 40-49	4,587	20.8	4,307	20.8	4,630	21.2
Ages 50-59	2,993	13.6	2,803	13.6	3,091	14.2
Ages 60-69	1,358	6.2	1,281	6.2	1,364	6.3
Ages 70 and Over	673	3.0	632	3.1	671	3.1
Unknown Age	2,381	10.8	2,385	11.5	2,262	10.4

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

TABLE 6(P) Select Accident Contributing Factors

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	8,938		8,364		8,872	
Alcohol Involvement*	192	2.1	199	2.4	163	1.8
Backing Unsafely	137	1.5	138	1.6	146	1.6
Driver Inattention/Distraction	1,461	16.3	1,282	15.3	1,398	15.8
Driver Inexperience	225	2.5	203	2.4	222	2.5
Failure to Keep Right	38	0.4	38	0.5	38	0.4
Failure to Yield R.O.W.	622	7.0	530	6.3	583	6.6
Following Too Closely	581	6.5	609	7.3	701	7.9
Passing/Lane Violations	579	6.5	454	5.4	599	6.8
Traffic Control Disregarded	290	3.2	275	3.3	263	3.0
Turning Improperly	297	3.3	272	3.3	309	3.5
Unsafe Speed*	528	5.9	516	6.2	515	5.8

* 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.

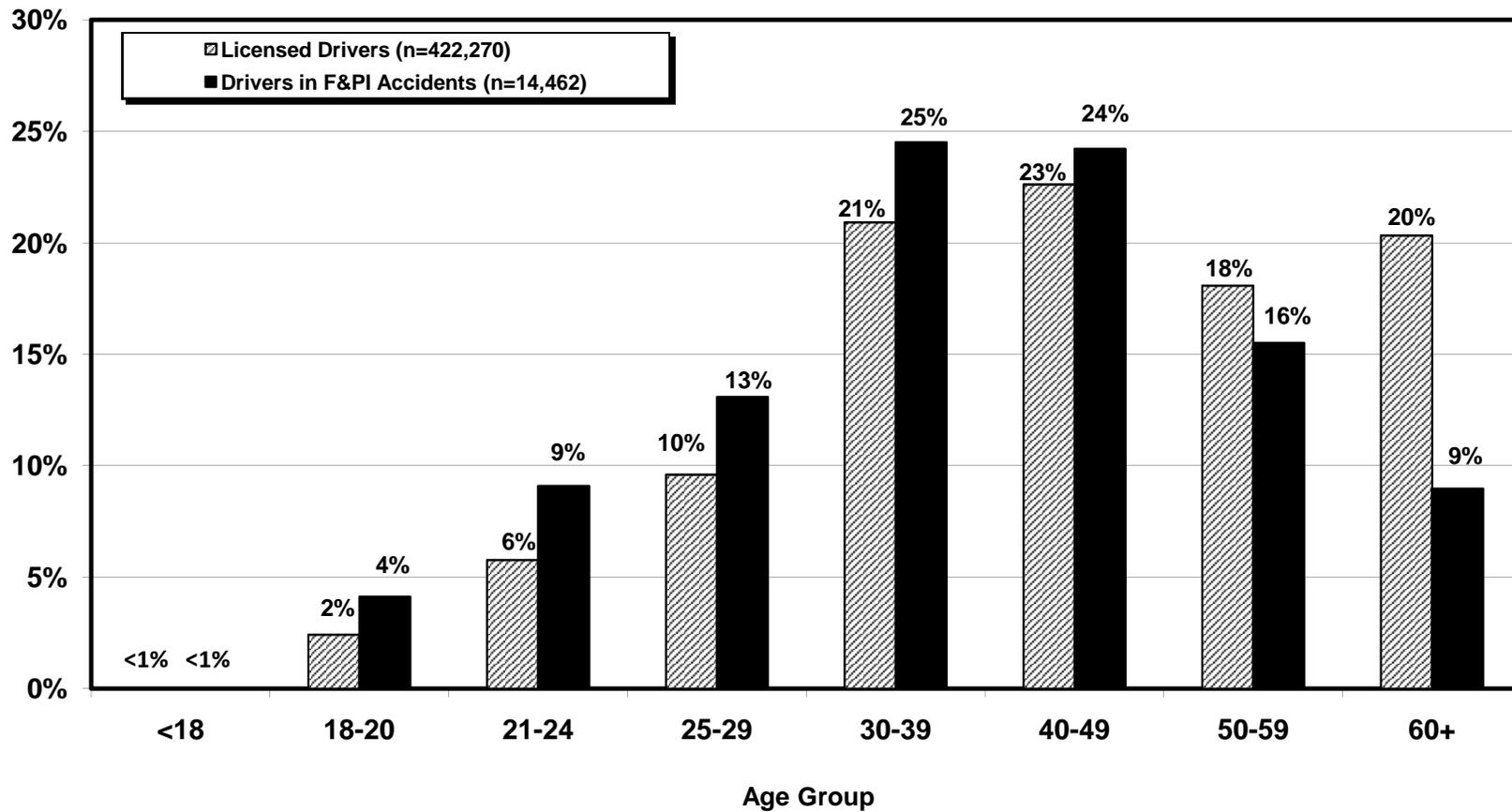
TABLE 7 Persons Killed or Injured by Age Group: 2008-2009

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	12,155	100.0	2,050	12,803	100.0	2,005
Under Age 4	184	1.5	27	141	1.1	20
Ages 4-6	185	1.5	66	146	1.1	42
Ages 7-15	840	6.9	419	810	6.3	348
Ages 16-17	298	2.5	97	222	1.7	74
Ages 18-20	711	5.8	121	770	6.0	132
Ages 21-29	2,639	21.7	298	2,772	21.7	273
Ages 30-39	2,291	18.8	213	2,487	19.4	221
Ages 40-49	2,163	17.8	243	2,329	18.2	279
Ages 50-59	1,299	10.7	196	1,434	11.2	199
Ages 60-69	590	4.9	113	631	4.9	121
Ages 70 and Over	310	2.6	90	325	2.5	96
Unknown Age	645	5.3	167	736	5.7	200

TABLE 8(P) Reported Safety Equipment Use

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	8,648	100.0	7,960	100.0	8,622	100.0
No Restraint Used	705	8.2	734	9.2	693	8.0
Restraint Used	6,921	80.0	6,088	76.5	6,845	79.4
Unknown	1,022	11.8	1,138	14.3	1,084	12.6
Motorcyclists	177	100.0	134	100.0	154	100.0
No Helmet Used	30	16.9	23	17.2	37	24.0
Helmet Used	121	68.4	80	59.7	97	63.0
Unknown	26	14.7	31	23.1	20	13.0
Bicyclists	298	100.0	290	100.0	265	100.0
No Helmet Used	104	34.9	108	37.2	100	37.7
Helmet Used	10	3.4	22	7.6	10	3.8
Unknown	184	61.7	160	55.2	155	58.5

FIGURE 1
Bronx County 2009
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. 1,129 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**

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County														
County	Pop.	%	Miles	%	Pop./ Mile	2007			2008			2009		
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured
Bronx	1,361,473	16.8	788.3	13.0	1727.1	8,787	11.1	12,944	8,299	10.5	12,155	8,832	11.2	12,803
Kings	2,508,820	31.0	1532.0	25.2	1637.6	16,141	10.5	23,458	16,436	10.7	23,606	16,567	10.8	23,915
New York	1,611,581	19.9	576.5	9.5	2795.5	10,108	17.5	13,443	9,160	15.9	11,913	8,452	14.7	10,936
Queens	2,255,175	27.8	2435.9	40.1	925.8	15,045	6.2	21,419	14,916	6.1	21,105	14,961	6.1	21,298
Richmond	477,377	5.9	740.8	12.2	644.4	2,892	3.9	3,986	2,813	3.8	3,894	2,678	3.6	3,685
unknown	na	na	na	na	na	2	na	9	0	na	na	0	na	na
New York City														
Total	8,214,426		6073.5		1352.5	52,975	8.7	75,259	51,624	8.5	72,673	51,490	8.5	72,637
New York State	19,227,088		113342.8		169.6	140,337	1.2	195,572	136,054	1.2	188,384	134,948	1.2	187,182

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

TABLE 1(P) Alcohol-Related (A-R) Accidents									
Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	206	9,480	2.2	213	9,202	2.3	174	8,873	2.0
Fatal Accidents	6	344	1.7	11	355	3.1	11	329	3.3
Non-Fatal Personal Injury Accidents	151	4,991	3.0	168	4,775	3.5	137	4,676	2.9
Reportable Property Damage Accidents	49	4,145	1.2	34	4,072	0.8	26	3,868	0.7
Manner of Collision									
Single Vehicle Accidents	57	5,138	1.1	61	5,033	1.2	49	4,843	1.0
Multiple Vehicle Accidents	149	4,342	3.4	152	4,169	3.6	125	4,030	3.1
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	31	403	7.7	22	428	5.1	26	432	6.0
A-R Bicycle/Motor Vehicle Accidents	5	97	5.2	5	106	4.7	5	118	4.2
A-R Motorcycle Accidents	1	217	0.5	3	220	1.4	0	191	0.0
Fatalities									
Persons Killed (1)	9	373	2.4	11	381	2.9	12	361	3.3
Drivers Killed	3	239	1.3	5	212	2.4	4	198	2.0
<i>Drinking Drivers</i>	3	215	1.4	5	192	2.6	4	175	2.3
<i>Non-Drinking Drivers</i>	0	24	0.0	0	20	0.0	0	23	0.0
Passengers Killed	3	65	4.6	1	77	1.3	1	64	1.6
Pedestrians Killed	3	62	4.8	5	82	6.1	7	91	7.7
Bicyclists Killed	0	7	0.0	0	10	0.0	0	8	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	244	7,175	3.4	304	6,886	4.4	241	6,810	3.5
Drivers Injured	120	4,593	2.6	154	4,396	3.5	126	4,321	2.9
Passengers Injured	85	2,072	4.1	124	1,979	6.3	86	1,959	4.4
Pedestrians Injured	29	362	8.0	15	360	4.2	23	369	6.2
Bicyclists Injured	5	90	5.6	5	94	5.3	4	107	3.7
Other	5	58	8.6	6	57	10.5	2	54	3.7

(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**

TABLE 2(P) Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	174	82	30	17	45	0
Sunday	39	24	10	1	4	0
Monday	20	9	4	3	4	0
Tuesday	16	5	2	2	7	0
Wednesday	18	8	1	3	6	0
Thursday	13	4	0	2	7	0
Friday	24	7	4	3	10	0
Saturday	44	25	9	3	7	0

TABLE 3(P) Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	322	100.0	360	100.0	296	100.0
Male	246	76.4	277	76.9	231	78.0
<i>Drinking Drivers</i>	153	47.5	164	45.6	125	42.2
<i>Non-Drinking Drivers</i>	93	28.9	113	31.4	106	35.8
Female	55	17.1	63	17.5	51	17.2
<i>Drinking Drivers</i>	21	6.5	24	6.7	27	9.1
<i>Non-Drinking Drivers</i>	34	10.6	39	10.8	24	8.1
Unknown	21	6.5	20	5.6	14	4.7
<i>Drinking Drivers</i>	5	1.6	4	1.1	2	0.7
<i>Non-Drinking Drivers</i>	16	5.0	16	4.4	12	4.1
Drinking Drivers	179	100.0	192	100.0	154	100.0
Under Age 16	1	0.6	0	0.0	0	0.0
Ages 16-20	12	6.7	8	4.2	9	5.8
Ages 21-29	48	26.8	58	30.2	44	28.6
Ages 30-39	43	24.0	51	26.6	40	26.0
Ages 40-49	32	17.9	50	26.0	36	23.4
Ages 50-59	25	14.0	15	7.8	11	7.1
Age 60 and Over	12	6.7	6	3.1	10	6.5
Unknown Age	6	3.4	4	2.1	4	2.6
Non-Drinking Drivers	143	100.0	168	100.0	142	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	11	7.7	4	2.4	0	0.0
Ages 21-29	33	23.1	33	19.6	33	23.2
Ages 30-39	35	24.5	41	24.4	38	26.8
Ages 40-49	24	16.8	45	26.8	28	19.7
Ages 50-59	17	11.9	18	10.7	19	13.4
Age 60 and Over	6	4.2	9	5.4	11	7.7
Unknown Age	17	11.9	18	10.7	13	9.2

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

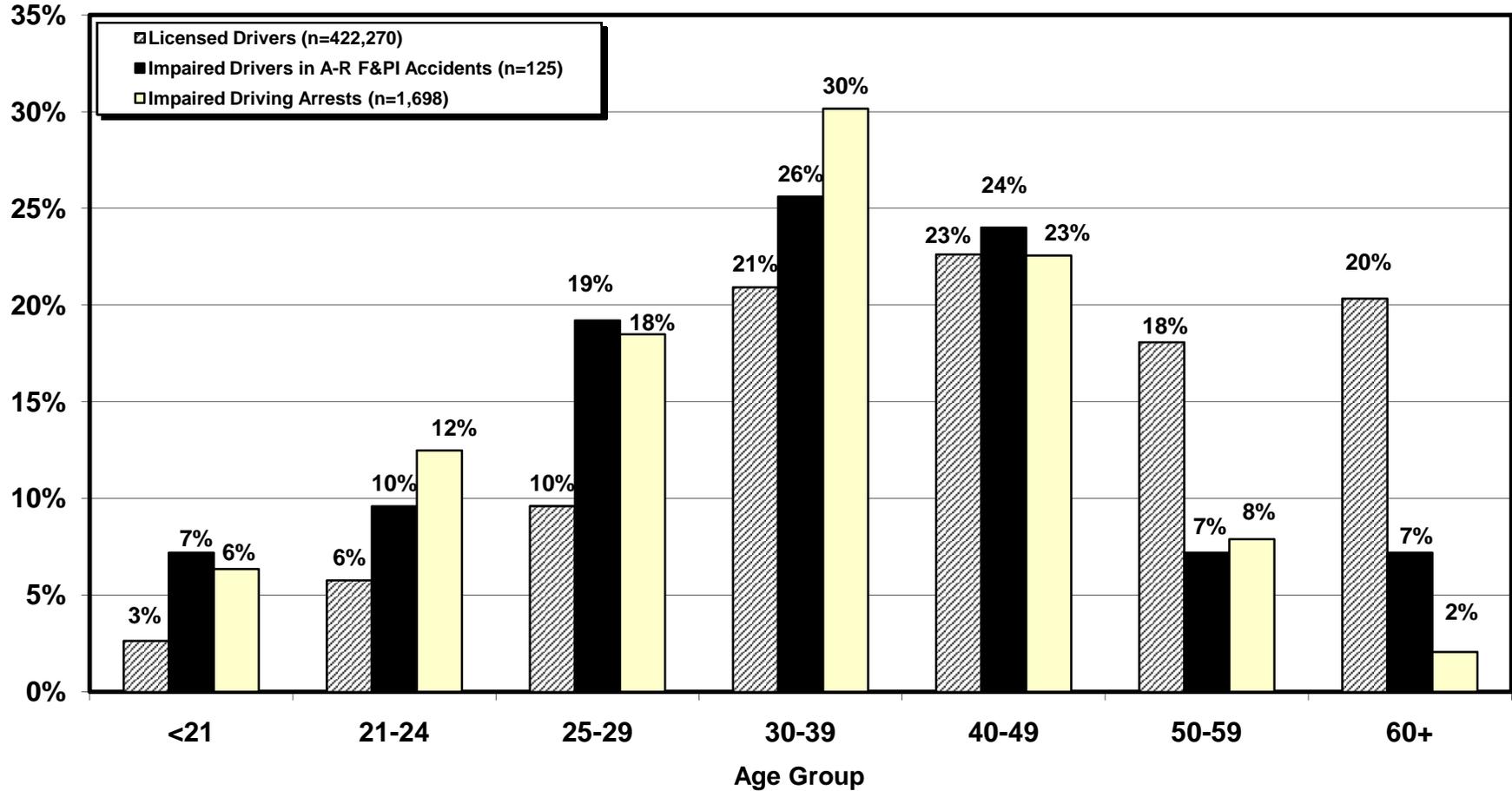
	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	206		213		174	
Driver Inattention/Distracted	22	10.7	24	11.3	17	9.8
Failure to Keep Right	3	1.5	5	2.3	1	0.6
Failure to Yield R.O.W.	4	1.9	6	2.8	7	4.0
Fell Asleep	2	1.0	3	1.4	4	2.3
Following Too Closely	7	3.4	4	1.9	9	5.2
Passing/Lane Violations	11	5.3	4	1.9	7	4.0
Traffic Control Disregarded	8	3.9	7	3.3	9	5.2
Unsafe Speed	25	12.1	28	13.1	22	12.6

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	315	100.0	25	253	100.0	34
Under Age 4	4	1.3	0	1	0.4	1
Ages 4-6	3	1.0	0	2	0.8	0
Ages 7-15	8	2.5	2	7	2.8	2
Ages 16-17	10	3.2	2	0	0.0	0
Ages 18-20	30	9.5	2	17	6.7	2
Ages 21-29	81	25.7	4	69	27.3	10
Ages 30-39	64	20.3	3	47	18.6	5
Ages 40-49	63	20.0	5	51	20.2	6
Ages 50-59	20	6.3	2	28	11.1	4
Ages 60-69	9	2.9	1	9	3.6	2
Ages 70 and Over	2	0.6	2	6	2.4	1
Unknown Age	21	6.7	2	16	6.3	1

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	210	100.0	281	100.0	217	100.0
No Restraint Used	34	16.2	44	15.7	28	12.9
Restraint Used	154	73.3	195	69.4	173	79.7
Unknown	22	10.5	42	14.9	16	7.4
Motorcyclists	1	100.0	3	100.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	2	66.7	0	0.0
Unknown	0	0.0	1	33.3	0	0.0
Bicyclists	5	100.0	5	100.0	4	100.0
No Helmet Used	2	40.0	3	60.0	1	25.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	3	60.0	2	40.0	3	75.0

FIGURE 1
Bronx County 2009
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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	530	31,729	1.7	516	32,234	1.6	516	28,877	1.8
Fatal Accidents	9	369	2.4	11	379	2.9	14	314	4.5
Non-Fatal Personal Injury Accidents	398	14,405	2.8	380	14,207	2.7	383	13,202	2.9
Reportable Property Damage Accidents	123	16,955	0.7	125	17,648	0.7	119	15,361	0.8
Manner of Collision									
Single Vehicle Accidents	151	19,143	0.8	130	20,115	0.6	111	17,351	0.6
Multiple Vehicle Accidents	379	12,586	3.0	386	12,119	3.2	405	11,526	3.5
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	34	382	8.9	36	369	9.8	24	382	6.3
S-R Bicycle/Motor Vehicle Accidents	6	91	6.6	1	93	1.1	9	121	7.4
S-R Motorcycle Accidents	17	857	2.0	13	854	1.5	14	755	1.9
Fatalities									
Persons Killed (1)	12	406	3.0	11	412	2.7	15	357	4.2
Drivers Killed	6	277	2.2	9	293	3.1	10	237	4.2
<i>Speeding Drivers</i>	6	249	2.4	8	271	3.0	9	211	4.3
<i>Non-Speeding Drivers</i>	0	28	0.0	1	22	4.5	1	26	3.8
Passengers Killed	5	104	4.8	0	90	0.0	2	87	2.3
Pedestrians Killed	1	24	4.2	2	29	6.9	3	31	9.7
Bicyclists Killed	0	1	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	707	21,137	3.3	692	20,595	3.4	683	19,326	3.5
Drivers Injured	367	14,151	2.6	339	13,818	2.5	395	12,890	3.1
Passengers Injured	290	6,427	4.5	310	6,235	5.0	246	5,853	4.2
Pedestrians Injured	35	383	9.1	36	364	9.9	25	386	6.5
Bicyclists Injured	6	90	6.7	1	90	1.1	9	121	7.4
Other	9	86	10.5	6	88	6.8	8	76	10.5

(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
Speed-Related Motor Vehicle Accidents
Bronx County

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	516	114	135	142	125	0
Sunday	92	36	23	16	17	0
Monday	57	6	15	23	13	0
Tuesday	60	11	14	22	13	0
Wednesday	74	13	21	23	17	0
Thursday	72	9	23	17	23	0
Friday	67	14	13	23	17	0
Saturday	94	25	26	18	25	0

	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	930	100.0	927	100.0	976	100.0
Male	678	72.9	652	70.3	725	74.3
<i>Speeding Drivers</i>	374	40.2	364	39.3	376	38.5
<i>Non-Speeding Drivers</i>	304	32.7	288	31.1	349	35.8
Female	187	20.1	200	21.6	193	19.8
<i>Speeding Drivers</i>	81	8.7	82	8.8	72	7.4
<i>Non-Speeding Drivers</i>	106	11.4	118	12.7	121	12.4
Unknown	65	7.0	75	8.1	58	5.9
<i>Speeding Drivers</i>	51	5.5	52	5.6	42	4.3
<i>Non-Speeding Drivers</i>	14	1.5	23	2.5	16	1.6
Speeding Drivers	506	100.0	498	100.0	490	100.0
Under Age 16	3	0.6	0	0.0	2	0.4
Ages 16-20	55	10.9	49	9.8	49	10.0
Ages 21-29	152	30.0	147	29.5	140	28.6
Ages 30-39	89	17.6	93	18.7	114	23.3
Ages 40-49	89	17.6	84	16.9	79	16.1
Ages 50-59	49	9.7	44	8.8	43	8.8
Age 60 and Over	17	3.4	27	5.4	17	3.5
Unknown Age	52	10.3	54	10.8	46	9.4
Non-Speeding Drivers	424	100.0	429	100.0	486	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	16	3.8	15	3.5	14	2.9
Ages 21-29	88	20.8	91	21.2	93	19.1
Ages 30-39	94	22.2	98	22.8	124	25.5
Ages 40-49	106	25.0	102	23.8	116	23.9
Ages 50-59	69	16.3	65	15.2	74	15.2
Age 60 and Over	28	6.6	29	6.8	43	8.8
Unknown Age	23	5.4	29	6.8	22	4.5

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	530		516		516	
Alcohol Involvement	22	4.2	24	4.7	16	3.1
Driver Inattention/Distracted	80	15.1	83	16.1	79	15.3
Driver Inexperience	28	5.3	34	6.6	30	5.8
Failure to Keep Right	2	0.4	3	0.6	4	0.8
Failure to Yield R.O.W.	35	6.6	30	5.8	32	6.2
Following Too Closely	31	5.8	62	12.0	51	9.9
Passing/Lane Violations	58	10.9	42	8.1	48	9.3
Traffic Control Disregarded	30	5.7	41	7.9	38	7.4

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	703	100.0	39	698	100.0	37
Under Age 4	10	1.4	1	7	1.0	0
Ages 4-6	5	0.7	2	11	1.6	3
Ages 7-15	30	4.3	3	36	5.2	5
Ages 16-17	25	3.6	5	9	1.3	0
Ages 18-20	54	7.7	0	68	9.7	4
Ages 21-29	212	30.2	7	161	23.1	3
Ages 30-39	119	16.9	5	128	18.3	2
Ages 40-49	112	15.9	4	122	17.5	5
Ages 50-59	52	7.4	3	68	9.7	6
Ages 60-69	33	4.7	2	32	4.6	0
Ages 70 and Over	9	1.3	1	12	1.7	1
Unknown Age	42	6.0	6	44	6.3	8

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	652	100.0	646	100.0	638	100.0
No Restraint Used	72	11.0	79	12.2	67	10.5
Restraint Used	517	79.3	466	72.1	490	76.8
Unknown	63	9.7	101	15.6	81	12.7
Motorcyclists	16	100.0	12	100.0	15	100.0
No Helmet Used	3	18.8	1	8.3	5	33.3
Helmet Used	13	81.3	10	83.3	9	60.0
Unknown	0	0.0	1	8.3	1	6.7
Bicyclists	6	100.0	1	100.0	9	100.0
No Helmet Used	4	66.7	1	100.0	5	55.6
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	2	33.3	0	0.0	4	44.4

SECTION 4

Motorcycle Accident Summary Report

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

Bronx County

TABLE 1 Accident Summary Totals									
Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	201	5,426	3.7	154	5,396	2.9	167	5,150	3.2
Fatal Accidents	5	164	3.0	4	184	2.2	5	152	3.3
Non-Fatal Personal Injury Accidents	183	4,727	3.9	139	4,593	3.0	153	4,347	3.5
Reportable Property Damage Accidents	13	535	2.4	11	619	1.8	9	651	1.4
Manner of Collision									
Single Motorcycle Accidents	48	2,318	2.1	31	2,392	1.3	40	2,270	1.8
Multiple Vehicle Accidents	153	3,108	4.9	123	3,004	4.1	127	2,880	4.4
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	5	74	6.8	7	84	8.3	6	63	9.5
Motorcycle/Bicycle Accidents	1	19	5.3	0	29	0.0	0	28	0.0
Fatalities									
Persons Killed (1)	5	172	2.9	4	188	2.1	5	155	3.2
Drivers Killed	5	162	3.1	3	175	1.7	4	146	2.7
<i>Motorcycle Operators</i>	5	162	3.1	3	175	1.7	4	146	2.7
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	8	0.0	0	5	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	7	0.0	0	5	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	1	0.0	1	4	25.0	1	3	33.3
Bicyclists Killed	0	0	0.0	0	1	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	211	5,503	3.8	168	5,290	3.2	193	5,042	3.8
Drivers Injured	184	4,830	3.8	136	4,674	2.9	159	4,444	3.6
Passengers Injured	23	579	4.0	25	493	5.1	29	505	5.7
Pedestrians Injured	4	71	5.6	6	81	7.4	5	61	8.2
Bicyclists Injured	0	15	0.0	0	28	0.0	0	24	0.0
Other	0	8	0.0	1	14	7.1	0	8	0.0

(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

TABLE 2 Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	167	17	25	59	61	5
Sunday	34	5	1	16	11	1
Monday	20	2	4	8	6	0
Tuesday	25	2	5	4	13	1
Wednesday	14	2	3	7	2	0
Thursday	21	1	7	6	5	2
Friday	21	0	0	8	12	1
Saturday	32	5	5	10	12	0

TABLE 3 Motorcycle Operator Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Operators	198	100.0	156	100.0	167	100.0
Male	192	97.0	145	92.9	160	95.8
Female	5	2.5	9	5.8	5	3.0
Unknown	1	0.5	2	1.3	2	1.2
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	10	5.1	8	5.1	6	3.6
Ages 21-29	61	30.8	50	32.1	53	31.7
Ages 30-39	76	38.4	55	35.3	52	31.1
Ages 40-49	34	17.2	31	19.9	41	24.6
Ages 50-59	11	5.6	9	5.8	10	6.0
Ages 60 and Over	4	2.0	1	0.6	3	1.8
Unknown Age	2	1.0	2	1.3	2	1.2

TABLE 4(P) Select Accident Contributing Factors						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Accidents	181		136		148	
Alcohol Involvement	1	0.6	1	0.7	0	0.0
Driver Inattention/Distraction	16	8.8	8	5.9	18	12.2
Driver Inexperience	15	8.3	8	5.9	10	6.8
Failure to Keep Right	2	1.1	0	0.0	0	0.0
Failure to Yield R.O.W.	13	7.2	7	5.1	12	8.1
Following Too Closely	6	3.3	6	4.4	6	4.1
Passing/Lane Violations	18	9.9	10	7.4	27	18.2
Traffic Control Disregarded	6	3.3	5	3.7	4	2.7
Turning Improperly	13	7.2	4	2.9	9	6.1
Unsafe Speed	16	8.8	13	9.6	14	9.5

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2007		2008		2009	
	#	%	#	%	#	%
Age Group	188	100.0	143	100.0	165	100.0
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	0	0.0	1	0.7	1	0.6
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	9	4.8	8	5.6	8	4.8
Ages 21-29	60	31.9	45	31.5	56	33.9
Ages 30-39	70	37.2	50	35.0	50	30.3
Ages 40-49	31	16.5	25	17.5	38	23.0
Ages 50-59	10	5.3	8	5.6	7	4.2
Ages 60-69	3	1.6	1	0.7	3	1.8
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	5	2.7	5	3.5	2	1.2

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2007		2008		2009	
	#	%	#	%	#	%
Motorcyclists	177	100.0	134	100.0	154	100.0
No Helmet Used	30	16.9	23	17.2	37	24.0
Helmet Used	121	68.4	80	59.7	97	63.0
Unknown	26	14.7	31	23.1	20	13.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2005	2,712	1.0	6,127	1.0
2006	2,955	1.0	6,215	1.0
2007	3,240	1.1	6,774	1.1
2008	3,520	1.1	7,268	1.1
2009	3,629	1.1	7,865	1.2

SECTION 5

Ticket Data

BRONX COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2007	2008	2009
TOTAL TICKETS ISSUED	193,354	187,895	189,800
SPEED (V&T 1180)	15,867	16,448	15,821
% of total tickets	8.2%	8.8%	8.3%
% convicted on same charge (of adjudicated cases)	89.7%	92.9%	91.3%
SAFETY RESTRAINTS (V&T 1229c)	31,833	29,717	27,454
% of total tickets	16.5%	15.8%	14.5%
% convicted on same charge (of adjudicated cases)	91.9%	91.4%	89.4%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	2,238	2,619	2,700
IMPAIRED DRIVING (V&T 1192)			
Persons Arrested for Impaired Driving	1,766	1,791	1,698
Case adjudicated	<i>No information is available on the</i>		
Case pending	<i>adjudication of impaired driving arrests.</i>		
Adjudicated Cases*			
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: NYS DMV Administrative Adjudication System (speed & seat belts) and the NYPD (impaired driving).

BRONX COUNTY

Probation Data for V&T 1192 and 511 Convictions

	2007	2008	2009
Number of Persons Sentenced to Probation	166	174	146
Number of Persons on Probation	607	645	639

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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