

NEW YORK COUNTY

TRAFFIC SAFETY DATA



Prepared by

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607, Albany, NY 12205-2604

Phone 518-453-0291 . FAX 518-453-0298

February 2009

COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2005-2007. Four summary reports provide detailed accident data for the three years 2005-2007. 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

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607
Albany, New York 12205
Telephone: 518-453-0291

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles

Empire State Plaza

Albany, New York 12228

Telephone: 518-474-5111

Contact Your GTSC Representative

RENEE BARCHITTA 518-473-6786 Rbarc@dmv.state.nv.us	RICH DEVLIN 518-486-4221 Rdevl@dmv.state.nv.us	JENNIFER HOGAN 518-473-7786 Jhoga1@dmv.state.nv.us	PAUL OVERBAUGH 518-486-5395 Poverbaugh@dmv.state.nv.us	CRAIG WHITTEN 518-486-6718 Cwhit@dmv.state.nv.us
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

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2005 - 2007	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report	3
Motorcycle Accident Summary Report	4
Ticket Data: 2005 - 2007	
Tickets Issued and Conviction Rates for Selected Violations	5
DWI/AI Probation Data	5
Tickets Issued by TSLED Agencies by Agency Type	5
TSLED Tickets Issued for Selected Violations by Enforcement Agency	5

SECTION 1

General Accident Summary Report

**New York State Department of Motor Vehicles
Motor Vehicle Accidents[†]**

New York County

TABLE 1 Accident Summary Totals

Category Totals	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	13,890	225,848	6.2	15,379	270,700	5.7	15,780	323,106	4.9
Fatal Accidents	65	1,308	5.0	67	1,330	5.0	57	1,220	4.7
Non-Fatal Personal Injury Accidents	10,457	146,643	7.1	10,473	138,311	7.6	10,051	139,117	7.2
Reportable Property Damage Accidents	3,368	77,897	4.3	4,839	131,059	3.7	5,672	182,769	3.1
Manner of Collision									
Single Vehicle Accidents	4,726	66,419	7.1	5,000	83,588	6.0	4,901	103,286	4.7
Multiple Vehicle Accidents	9,164	159,429	5.7	10,379	187,112	5.5	10,879	219,820	4.9
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	3,235	15,703	20.6	3,353	15,702	21.4	3,203	15,701	20.4
Bicycle/Motor Vehicle Accidents	1,003	5,807	17.3	1,073	5,565	19.3	1,034	5,535	18.7
Motorcycle Accidents	359	4,892	7.3	373	4,912	7.6	387	5,426	7.1
Fatalities									
Persons Killed (1)	68	1,410	4.8	67	1,433	4.7	57	1,317	4.3
Drivers Killed	12	770	1.6	7	801	0.9	10	762	1.3
Passengers Killed	3	264	1.1	7	269	2.6	5	231	2.2
Pedestrians Killed	46	328	14.0	46	315	14.6	35	272	12.9
Bicyclists Killed	6	47	12.8	7	45	15.6	7	50	14.0
Other	1	1	100.0	0	3	0.0	0	2	0.0
Non-Fatal Injuries									
Persons Injured (1)	13,782	206,514	6.7	13,868	195,644	7.1	13,386	194,255	6.9
Drivers Injured	5,511	126,615	4.4	5,405	119,411	4.5	5,171	119,314	4.3
Passengers Injured	4,037	57,991	7.0	4,034	54,629	7.4	3,960	53,261	7.4
Pedestrians Injured	3,177	15,392	20.6	3,290	15,369	21.4	3,171	15,472	20.5
Bicyclists Injured	970	5,680	17.1	1,052	5,426	19.4	1,003	5,373	18.7
Other	87	836	10.4	87	809	10.8	81	835	9.7

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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
New York County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	87.18	95.43	97.36
Crash Rate per 10,000 Licensed Drivers	200.70	223.16	222.97
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	86.93	86.47	82.94
Fatality & Injury Rate per 10,000 Licensed Drivers	200.13	202.21	189.95
Mean Severity of Injury (MSI)			
	1.29	1.29	1.28

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	15,780	1,849	3,804	5,369	4,000	758
Sunday	1,880	464	300	534	485	97
Monday	2,116	215	570	701	507	123
Tuesday	2,315	159	670	832	555	99
Wednesday	2,289	153	620	811	585	120
Thursday	2,358	151	602	879	618	108
Friday	2,604	239	607	945	702	111
Saturday	2,218	468	435	667	548	100

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	9,119	100.0	10,918	100.0	11,482	100.0
State Police	0	0.0	2	<0.1	2	<0.1
County Police	0	0.0	0	0.0	0	0.0
New York City (NYPD)	9,119	100.0	10,916	99.9	11,480	99.9
Municipal Police (non-NYC)	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2005		2006		2007	
	#	%	#	%	#	%
Total	13,890	100.0	15,379	100.0	15,780	100.0
State Routes	118	0.8	151	1.0	588	3.7
County Routes	0	0.0	1	<0.1	0	0.0
Town Routes	28	0.2	8	0.1	2	<0.1
Municipal Routes	12,321	88.7	13,428	87.3	12,931	81.9
Parkways	1,148	8.3	1,364	8.9	816	5.2
Thruway	7	0.1	6	<0.1	3	<0.1
Other Interstates	198	1.4	359	2.3	281	1.8
Unknown	70	0.5	62	0.4	1,159	7.3

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	22,888	100.0	25,328	100.0	26,086	100.0
Male	16,186	70.7	17,945	70.9	18,537	71.1
Female	3,973	17.4	4,353	17.2	4,595	17.6
Unknown	2,729	11.9	3,030	12.0	2,954	11.3
Under Age 16	3	<0.1	2	<0.1	7	<0.1
Ages 16-20	549	2.4	677	2.7	633	2.4
Ages 21-29	4,066	17.8	4,533	17.9	4,578	17.5
Ages 30-39	5,255	23.0	5,635	22.2	5,799	22.2
Ages 40-49	4,943	21.6	5,434	21.5	5,761	22.1
Ages 50-59	3,235	14.1	3,681	14.5	3,778	14.5
Ages 60-69	1,274	5.6	1,418	5.6	1,625	6.2
Ages 70 and Over	544	2.4	621	2.5	650	2.5
Unknown Age	3,019	13.2	3,327	13.1	3,255	12.5

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	9,119		10,918		11,482	
Alcohol Involvement*	176	1.9	193	1.8	221	1.9
Backing Unsafely	232	2.5	290	2.7	289	2.5
Driver Inattention/Distraction	2,126	23.3	2,316	21.2	2,378	20.7
Driver Inexperience	187	2.1	255	2.3	267	2.3
Failure to Keep Right	28	0.3	63	0.6	76	0.7
Failure to Yield R.O.W.	971	10.6	1,042	9.5	1,120	9.8
Following Too Closely	820	9.0	1,004	9.2	1,096	9.5
Passing/Lane Violations	560	6.1	773	7.1	967	8.4
Traffic Control Disregarded	425	4.7	474	4.3	522	4.5
Turning Improperly	373	4.1	457	4.2	542	4.7
Unsafe Speed*	471	5.2	540	4.9	589	5.1

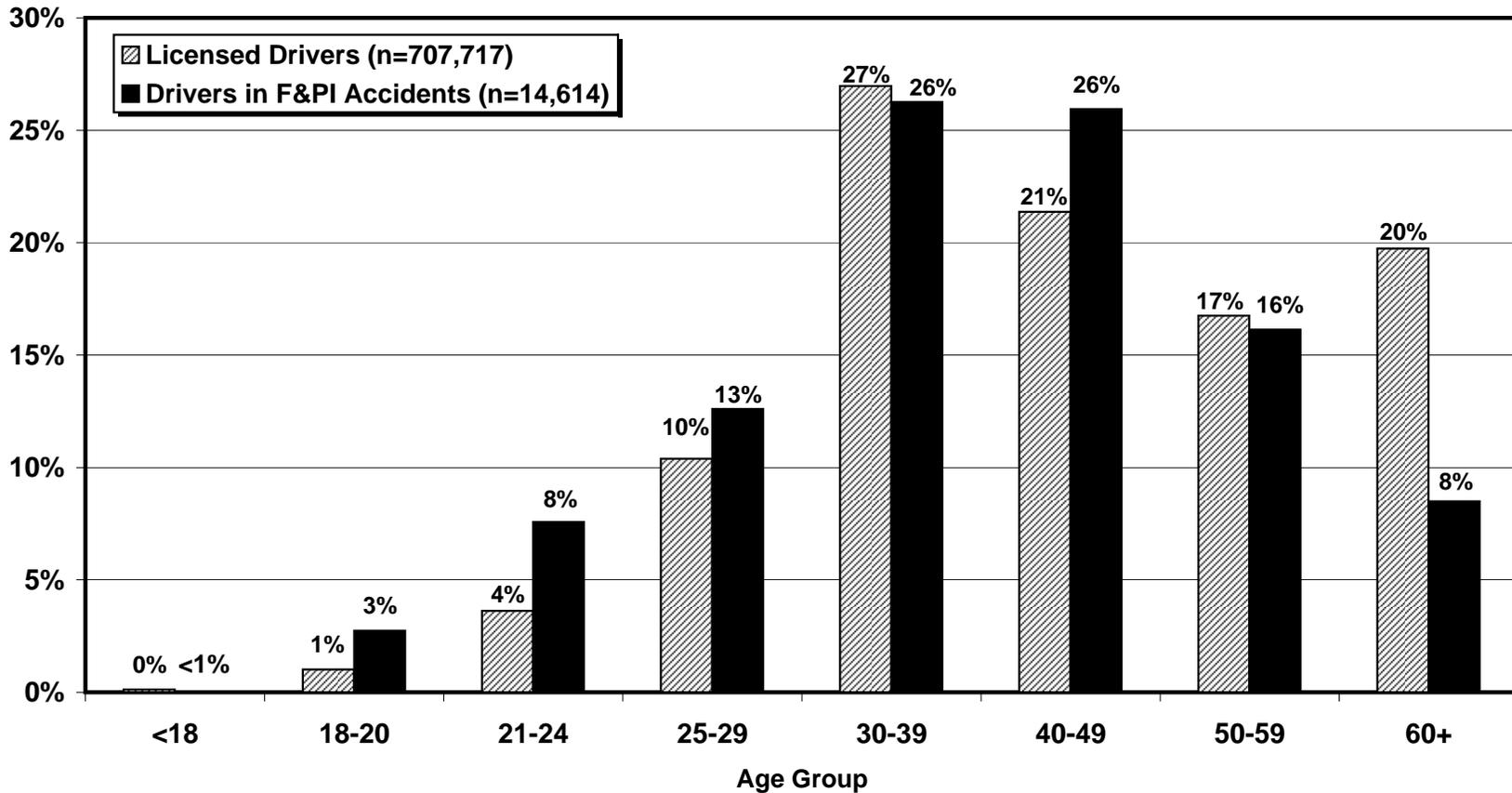
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	13,935	100.0	4,395	13,443	100.0	4,216
Under Age 4	78	0.6	23	93	0.7	23
Ages 4-6	82	0.6	23	108	0.8	28
Ages 7-15	490	3.5	238	498	3.7	249
Ages 16-17	207	1.5	106	163	1.2	94
Ages 18-20	592	4.2	200	620	4.6	229
Ages 21-29	3,234	23.2	870	2,987	22.2	814
Ages 30-39	2,934	21.1	710	2,807	20.9	698
Ages 40-49	2,416	17.3	641	2,379	17.7	615
Ages 50-59	1,619	11.6	473	1,576	11.7	468
Ages 60-69	673	4.8	277	690	5.1	250
Ages 70 and Over	486	3.5	272	487	3.6	274
Unknown Age	1,124	8.1	562	1,035	7.7	474

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	7,745	100.0	7,819	100.0	7,523	100.0
No Restraint Used	1,297	16.7	1,384	17.7	1,193	15.9
Restraint Used	5,011	64.7	5,114	65.4	5,032	66.9
Unknown	1,437	18.6	1,321	16.9	1,298	17.3
Motorcyclists	303	100.0	295	100.0	325	100.0
No Helmet Used	80	26.4	54	18.3	58	17.8
Helmet Used	159	52.5	189	64.1	185	56.9
Unknown	64	21.1	52	17.6	82	25.2
Bicyclists	934	100.0	1,015	100.0	975	100.0
No Helmet Used	283	30.3	302	29.8	248	25.4
Helmet Used	100	10.7	83	8.2	129	13.2
Unknown	551	59.0	630	62.1	598	61.3

FIGURE 1
New York County 2007
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 accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal accidents. 1,355 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 Mean Severity of Injury (MSI) by County Jurisdiction														
County	Pop.	%	Miles	%	Pop./ Mile	2005			2006			2007		
						F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI
Bronx	1,361,473	16.8	788.3	13.0	1727.1	8,253	10.5	1.19	8,401	10.7	1.21	8,787	11.1	1.21
Kings	2,508,820	31.0	1532.0	25.2	1637.6	16,941	11.1	1.22	16,339	10.7	1.22	16,141	10.5	1.22
New York	1,611,581	19.9	576.5	9.5	2795.5	10,522	18.3	1.29	10,540	18.3	1.29	10,108	17.5	1.28
Queens	2,255,175	27.8	2435.9	40.1	925.8	15,973	6.6	1.19	15,069	6.2	1.20	15,045	6.2	1.20
Richmond	477,377	5.9	740.8	12.2	644.4	3,271	4.4	1.21	2,774	3.7	1.22	2,892	3.9	1.24
unknown	na	na	na	na	na	4	na	na	4	na	na	2	na	na
New York City Total														
	8,214,426		6073.5		1352.5	54,964	9.0	1.22	53,127	8.7	1.23	52,975	8.7	1.22
New York State														
	19,227,088		113342.8		169.6	147,951	1.3	1.28	139,641	1.2	1.28	140,337	1.2	1.28

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[†]**

New York County

TABLE 1(P) Alcohol-Related (A-R) Accidents

Category Totals	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	186	5,776	3.2	209	7,959	2.6	239	9,480	2.5
Fatal Accidents	11	350	3.1	17	359	4.7	18	344	5.2
Non-Fatal Personal Injury Accidents	175	5,270	3.3	168	5,111	3.3	182	4,991	3.6
Reportable Property Damage Accidents	0	156	0.0	24	2,489	1.0	39	4,145	0.9
Manner of Collision									
Single Vehicle Accidents	78	3,142	2.5	91	4,380	2.1	115	5,138	2.2
Multiple Vehicle Accidents	108	2,634	4.1	118	3,579	3.3	124	4,342	2.9
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	50	413	12.1	69	411	16.8	76	403	18.9
A-R Bicycle/Motor Vehicle Accidents	10	104	9.6	5	90	5.6	10	97	10.3
A-R Motorcycle Accidents	4	223	1.8	5	176	2.8	5	217	2.3
Fatalities									
Persons Killed (1)	12	382	3.1	17	397	4.3	18	373	4.8
Drivers Killed	5	217	2.3	3	235	1.3	5	239	2.1
<i>Drinking Drivers</i>	5	195	2.6	2	214	0.9	3	215	1.4
<i>Non-Drinking Drivers</i>	0	22	0.0	1	21	4.8	2	24	8.3
Passengers Killed	1	89	1.1	3	85	3.5	2	65	3.1
Pedestrians Killed	6	72	8.3	11	69	15.9	10	62	16.1
Bicyclists Killed	0	4	0.0	0	8	0.0	1	7	14.3
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	286	7,724	3.7	253	7,293	3.5	266	7,175	3.7
Drivers Injured	113	4,986	2.3	115	4,753	2.4	104	4,593	2.3
Passengers Injured	106	2,203	4.8	68	2,059	3.3	85	2,072	4.1
Pedestrians Injured	52	370	14.1	63	361	17.5	67	362	18.5
Bicyclists Injured	10	99	10.1	5	79	6.3	9	90	10.0
Other	5	66	7.6	2	41	4.9	1	58	1.7

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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
New York County**

TABLE 2(P) Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	239	122	18	19	80	0
Sunday	51	33	5	2	11	0
Monday	30	13	0	0	17	0
Tuesday	20	6	1	3	10	0
Wednesday	15	6	3	3	3	0
Thursday	17	4	2	4	7	0
Friday	36	15	1	1	19	0
Saturday	70	45	6	6	13	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	295	100.0	311	100.0	360	100.0
Male	236	80.0	261	83.9	304	84.4
<i>Drinking Drivers</i>	122	41.4	136	43.7	153	42.5
<i>Non-Drinking Drivers</i>	114	38.6	125	40.2	151	41.9
Female	40	13.6	35	11.3	34	9.4
<i>Drinking Drivers</i>	21	7.1	21	6.8	15	4.2
<i>Non-Drinking Drivers</i>	19	6.4	14	4.5	19	5.3
Unknown	19	6.4	15	4.8	22	6.1
<i>Drinking Drivers</i>	2	0.7	3	1.0	7	1.9
<i>Non-Drinking Drivers</i>	17	5.8	12	3.9	15	4.2
Drinking Drivers	145	100.0	160	100.0	175	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	3.4	9	5.6	7	4.0
Ages 21-29	49	33.8	47	29.4	63	36.0
Ages 30-39	45	31.0	50	31.3	45	25.7
Ages 40-49	28	19.3	32	20.0	32	18.3
Ages 50-59	11	7.6	17	10.6	12	6.9
Age 60 and Over	3	2.1	2	1.3	8	4.6
Unknown Age	4	2.8	3	1.9	8	4.6
Non-Drinking Drivers	150	100.0	151	100.0	185	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	5.3	1	0.7	5	2.7
Ages 21-29	25	16.7	38	25.2	40	21.6
Ages 30-39	35	23.3	39	25.8	48	25.9
Ages 40-49	37	24.7	21	13.9	41	22.2
Ages 50-59	16	10.7	26	17.2	24	13.0
Age 60 and Over	11	7.3	11	7.3	11	5.9
Unknown Age	18	12.0	15	9.9	16	8.6

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

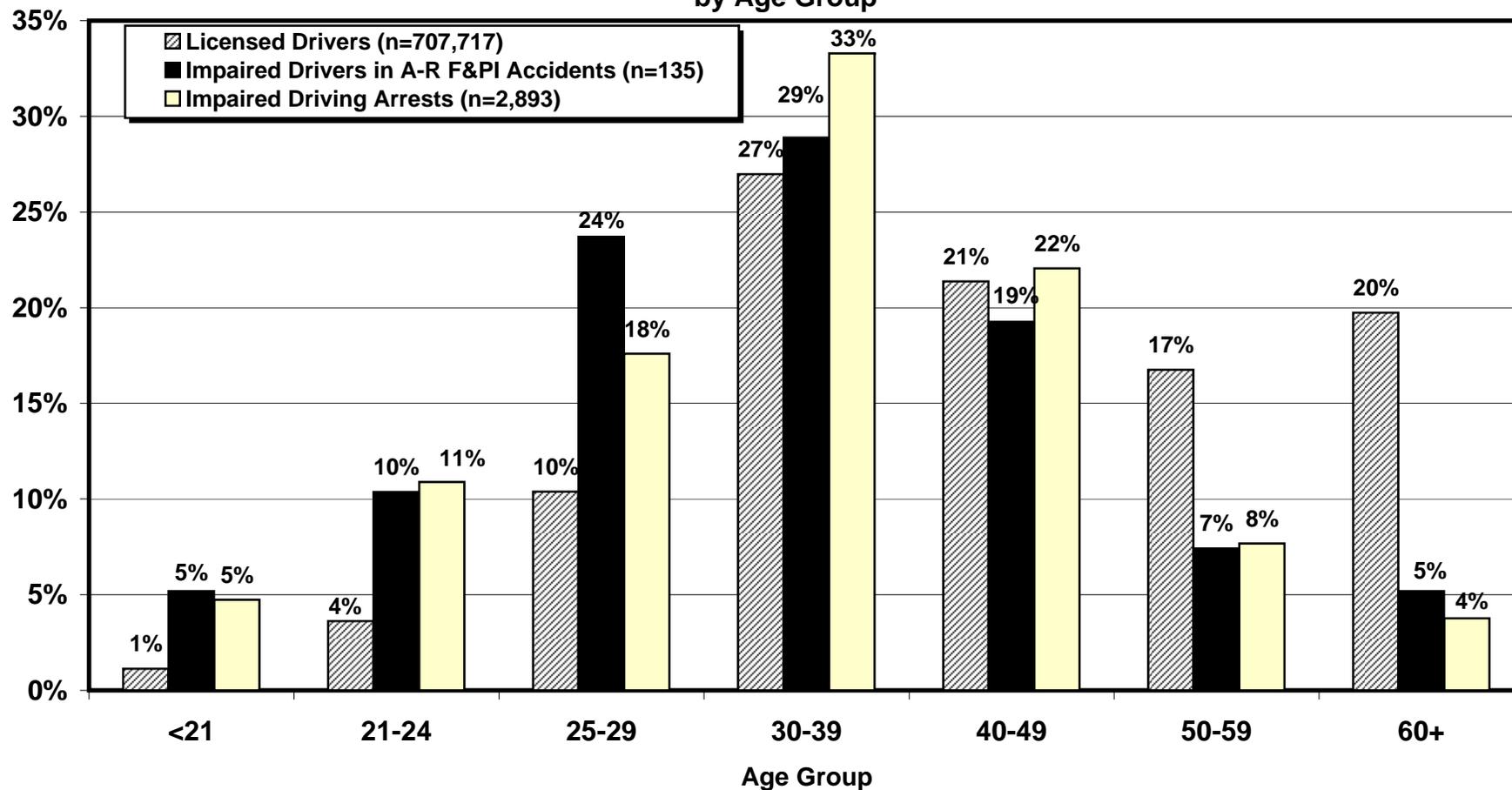
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	186		209		239	
Driver Inattention/Distracted	20	10.8	22	10.5	22	9.2
Failure to Keep Right	2	1.1	0	0.0	2	0.8
Failure to Yield R.O.W.	8	4.3	10	4.8	11	4.6
Fell Asleep	2	1.1	0	0.0	0	0.0
Following Too Closely	5	2.7	4	1.9	12	5.0
Passing/Lane Violations	3	1.6	7	3.3	13	5.4
Traffic Control Disregarded	11	5.9	17	8.1	13	5.4
Unsafe Speed	27	14.5	22	10.5	25	10.5

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	270	100.0	79	284	100.0	87
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	1	0.4	1
Ages 7-15	4	1.5	0	4	1.4	2
Ages 16-17	4	1.5	1	1	0.4	1
Ages 18-20	9	3.3	0	6	2.1	2
Ages 21-29	88	32.6	24	105	37.0	24
Ages 30-39	66	24.4	14	62	21.8	15
Ages 40-49	34	12.6	14	41	14.4	14
Ages 50-59	34	12.6	12	20	7.0	8
Ages 60-69	10	3.7	6	9	3.2	4
Ages 70 and Over	4	1.5	2	4	1.4	4
Unknown Age	17	6.3	6	31	10.9	12

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	221	100.0	186	100.0	191	100.0
No Restraint Used	49	22.2	39	21.0	38	19.9
Restraint Used	138	62.4	110	59.1	114	59.7
Unknown	34	15.4	37	19.9	39	20.4
Motorcyclists	4	100.0	3	100.0	5	100.0
No Helmet Used	2	50.0	0	0.0	1	20.0
Helmet Used	1	25.0	3	100.0	3	60.0
Unknown	1	25.0	0	0.0	1	20.0
Bicyclists	10	100.0	5	100.0	10	100.0
No Helmet Used	6	60.0	2	40.0	6	60.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	4	40.0	3	60.0	4	40.0

FIGURE 1
New York County 2007
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[†]**

New York County

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

Category Totals	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	471	15,991	2.9	543	20,927	2.6	590	31,729	1.9
Fatal Accidents	7	378	1.9	8	391	2.0	8	369	2.2
Non-Fatal Personal Injury Accidents	464	13,884	3.3	443	13,048	3.4	444	14,405	3.1
Reportable Property Damage Accidents	0	1,729	0.0	92	7,488	1.2	138	16,955	0.8
Manner of Collision									
Single Vehicle Accidents	122	8,757	1.4	144	12,070	1.2	135	19,143	0.7
Multiple Vehicle Accidents	349	7,234	4.8	399	8,857	4.5	455	12,586	3.6
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	51	365	14.0	59	347	17.0	58	382	15.2
S-R Bicycle/Motor Vehicle Accidents	14	75	18.7	15	88	17.0	11	91	12.1
S-R Motorcycle Accidents	19	753	2.5	23	797	2.9	30	857	3.5
Fatalities									
Persons Killed (1)	9	422	2.1	8	439	1.8	8	406	2.0
Drivers Killed	5	290	1.7	4	305	1.3	5	277	1.8
<i>Speeding Drivers</i>	5	272	1.8	4	281	1.4	4	249	1.6
<i>Non-Speeding Drivers</i>	0	18	0.0	0	24	0.0	1	28	3.6
Passengers Killed	2	103	1.9	2	112	1.8	1	104	1.0
Pedestrians Killed	1	26	3.8	2	20	10.0	2	24	8.3
Bicyclists Killed	0	2	0.0	0	2	0.0	0	1	0.0
Other	1	1	100.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	760	20,752	3.7	744	19,474	3.8	784	21,137	3.7
Drivers Injured	387	13,706	2.8	352	12,816	2.7	397	14,151	2.8
Passengers Injured	301	6,563	4.6	312	6,135	5.1	306	6,427	4.8
Pedestrians Injured	54	354	15.3	62	353	17.6	63	383	16.4
Bicyclists Injured	14	69	20.3	14	83	16.9	11	90	12.2
Other	4	60	6.7	4	87	4.6	7	86	8.1

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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
New York County

TABLE 2(P) Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	590	181	137	120	150	2
Sunday	100	49	19	9	22	1
Monday	85	27	20	13	25	0
Tuesday	67	13	19	20	14	1
Wednesday	82	18	24	17	23	0
Thursday	76	13	18	26	19	0
Friday	91	25	18	15	33	0
Saturday	89	36	19	20	14	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	880	100.0	1,005	100.0	1,098	100.0
Male	713	81.0	790	78.6	867	79.0
<i>Speeding Drivers</i>	376	42.7	437	43.5	456	41.5
<i>Non-Speeding Drivers</i>	337	38.3	353	35.1	411	37.4
Female	117	13.3	142	14.1	155	14.1
<i>Speeding Drivers</i>	47	5.3	47	4.7	70	6.4
<i>Non-Speeding Drivers</i>	70	8.0	95	9.5	85	7.7
Unknown	50	5.7	73	7.3	76	6.9
<i>Speeding Drivers</i>	26	3.0	52	5.2	55	5.0
<i>Non-Speeding Drivers</i>	24	2.7	21	2.1	21	1.9
Speeding Drivers	449	100.0	536	100.0	581	100.0
Under Age 16	1	0.2	0	0.0	0	0.0
Ages 16-20	32	7.1	30	5.6	31	5.3
Ages 21-29	138	30.7	144	26.9	153	26.3
Ages 30-39	100	22.3	132	24.6	143	24.6
Ages 40-49	86	19.2	106	19.8	116	20.0
Ages 50-59	42	9.4	47	8.8	52	9.0
Age 60 and Over	21	4.7	22	4.1	31	5.3
Unknown Age	29	6.5	55	10.3	55	9.5
Non-Speeding Drivers	431	100.0	469	100.0	517	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	1.6	15	3.2	15	2.9
Ages 21-29	88	20.4	94	20.0	104	20.1
Ages 30-39	122	28.3	132	28.1	130	25.1
Ages 40-49	113	26.2	103	22.0	145	28.0
Ages 50-59	47	10.9	65	13.9	63	12.2
Age 60 and Over	22	5.1	38	8.1	34	6.6
Unknown Age	32	7.4	22	4.7	26	5.0

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

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	471		543		590	
Alcohol Involvement	26	5.5	18	3.3	22	3.7
Driver Inattention/Distracted	78	16.6	93	17.1	93	15.8
Driver Inexperience	14	3.0	16	2.9	28	4.7
Failure to Keep Right	0	0.0	3	0.6	3	0.5
Failure to Yield R.O.W.	29	6.2	35	6.4	45	7.6
Following Too Closely	72	15.3	96	17.7	87	14.7
Passing/Lane Violations	42	8.9	54	9.9	70	11.9
Traffic Control Disregarded	31	6.6	34	6.3	46	7.8

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2006-2007						
Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	752	100.0	78	792	100.0	76
Under Age 4	7	0.9	1	7	0.9	2
Ages 4-6	2	0.3	0	4	0.5	0
Ages 7-15	23	3.1	6	17	2.1	3
Ages 16-17	10	1.3	3	4	0.5	0
Ages 18-20	47	6.3	2	44	5.6	3
Ages 21-29	214	28.5	14	217	27.4	16
Ages 30-39	157	20.9	11	182	23.0	19
Ages 40-49	136	18.1	10	151	19.1	12
Ages 50-59	71	9.4	8	77	9.7	8
Ages 60-69	29	3.9	7	34	4.3	5
Ages 70 and Over	14	1.9	6	20	2.5	7
Unknown Age	42	5.6	10	35	4.4	1

TABLE 6(P) Reported Safety Equipment Use						
	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	676	100.0	648	100.0	680	100.0
No Restraint Used	134	19.8	143	22.1	155	22.8
Restraint Used	429	63.5	390	60.2	446	65.6
Unknown	113	16.7	115	17.7	79	11.6
Motorcyclists	19	100.0	22	100.0	29	100.0
No Helmet Used	7	36.8	4	18.2	7	24.1
Helmet Used	11	57.9	15	68.2	17	58.6
Unknown	1	5.3	3	13.6	5	17.2
Bicyclists	14	100.0	14	100.0	11	100.0
No Helmet Used	3	21.4	2	14.3	2	18.2
Helmet Used	2	14.3	5	35.7	1	9.1
Unknown	9	64.3	7	50.0	8	72.7

SECTION 4

Motorcycle Accident Summary Report

New York State Department of Motor Vehicles Motorcycle Accidents[†]

New York County

TABLE 1 Accident Summary Totals

Category Totals	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	359	4,892	7.3	373	4,912	7.6	387	5,426	7.1
Fatal Accidents	6	168	3.6	4	190	2.1	6	164	3.7
Non-Fatal Personal Injury Accidents	322	4,515	7.1	318	4,272	7.4	330	4,727	7.0
Reportable Property Damage Accidents	31	209	14.8	51	450	11.3	51	535	9.5
Manner of Collision									
Single Motorcycle Accidents	70	2,155	3.2	76	2,154	3.5	79	2,318	3.4
Multiple Vehicle Accidents	289	2,737	10.6	297	2,758	10.8	308	3,108	9.9
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	22	89	24.7	26	77	33.8	22	74	29.7
Motorcycle/Bicycle Accidents	1	17	5.9	1	29	3.4	6	19	31.6
Fatalities									
Persons Killed (1)	7	172	4.1	4	195	2.1	6	172	3.5
Drivers Killed	5	154	3.2	3	181	1.7	5	162	3.1
<i>Motorcycle Operators</i>	5	153	3.3	3	180	1.7	5	162	3.1
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	1	0.0	0	0	0.0
Passengers Killed	1	9	11.1	1	12	8.3	0	9	0.0
<i>Motorcycle Passengers</i>	1	9	11.1	1	12	8.3	0	9	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	1	9	11.1	0	2	0.0	1	1	100.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	373	5,304	7.0	354	4,951	7.2	385	5,503	7.0
Drivers Injured	309	4,592	6.7	304	4,338	7.0	321	4,830	6.6
Passengers Injured	42	606	6.9	26	513	5.1	37	579	6.4
Pedestrians Injured	21	81	25.9	23	71	32.4	22	71	31.0
Bicyclists Injured	1	16	6.3	1	26	3.8	4	15	26.7
Other	0	9	0.0	0	3	0.0	1	8	12.5

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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**

New York County

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	387	46	69	144	113	15
Sunday	58	15	4	22	13	4
Monday	56	4	14	16	19	3
Tuesday	53	3	10	23	17	0
Wednesday	57	4	10	21	19	3
Thursday	61	5	12	24	17	3
Friday	42	6	8	16	12	0
Saturday	60	9	11	22	16	2

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	340	100.0	340	100.0	358	100.0
Male	321	94.4	310	91.2	325	90.8
Female	16	4.7	24	7.1	29	8.1
Unknown	3	0.9	6	1.8	4	1.1
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	9	2.6	5	1.5	8	2.2
Ages 21-29	93	27.4	85	25.0	100	27.9
Ages 30-39	129	37.9	138	40.6	129	36.0
Ages 40-49	76	22.4	65	19.1	91	25.4
Ages 50-59	21	6.2	29	8.5	12	3.4
Ages 60 and Over	7	2.1	8	2.4	9	2.5
Unknown Age	5	1.5	10	2.9	9	2.5

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	303		307		332	
Alcohol Involvement	1	0.3	4	1.3	5	1.5
Driver Inattention/Distracted	52	17.2	54	17.6	41	12.3
Driver Inexperience	26	8.6	13	4.2	18	5.4
Failure to Keep Right	2	0.7	2	0.7	4	1.2
Failure to Yield R.O.W.	28	9.2	22	7.2	29	8.7
Following Too Closely	15	5.0	12	3.9	15	4.5
Passing/Lane Violations	52	17.2	54	17.6	55	16.6
Traffic Control Disregarded	12	4.0	12	3.9	16	4.8
Turning Improperly	27	8.9	24	7.8	30	9.0
Unsafe Speed	19	6.3	23	7.5	30	9.0

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

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

New York County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2005		2006		2007	
	#	%	#	%	#	%
Age Group	329	100.0	317	100.0	341	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	0	0.0	0	0.0
Ages 16-17	1	0.3	1	0.3	0	0.0
Ages 18-20	11	3.3	4	1.3	9	2.6
Ages 21-29	95	28.9	90	28.4	104	30.5
Ages 30-39	123	37.4	123	38.8	119	34.9
Ages 40-49	73	22.2	58	18.3	82	24.0
Ages 50-59	18	5.5	26	8.2	12	3.5
Ages 60-69	5	1.5	5	1.6	8	2.3
Ages 70 and Over	1	0.3	3	0.9	1	0.3
Unknown Age	2	0.6	7	2.2	6	1.8

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2005		2006		2007	
	#	%	#	%	#	%
Motorcyclists	303	100.0	295	100.0	325	100.0
No Helmet Used	80	26.4	54	18.3	58	17.8
Helmet Used	159	52.5	189	64.1	185	56.9
Unknown	64	21.1	52	17.6	82	25.2

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	5,746	2.4	12,493	2.4
2004	6,066	2.4	15,452	2.7
2005	6,548	2.4	16,112	2.7
2006	7,138	2.5	16,234	2.7
2007	7,627	2.5	17,223	2.8

SECTION 5

Ticket Data

NEW YORK COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	384,415	391,773	383,434
SPEED (V&T 1180)	9,020	8,678	9,676
% of total tickets	2.3%	2.2%	2.5%
% convicted on same charge (of adjudicated cases)	86.1%	82.0%	82.1%
SAFETY RESTRAINTS (V&T 1229c)	78,772	74,606	65,270
% of total tickets	20.5%	19.0%	17.0%
% convicted on same charge (of adjudicated cases)	96.0%	94.6%	95.3%
IMPAIRED DRIVING (V&T 1192)			
Persons Arrested for Impaired Driving	1,764	2,072	2,893
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).

NEW YORK COUNTY

Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	100	78	63
Number of Persons on Probation	393	396	362

Source: NYS Division of Probation and Correctional Alternatives.

NEW YORK COUNTY

Tickets Issued for Selected Violations by Agency Type

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

NEW YORK COUNTY

Tickets Issued for Selected Violations by Enforcement Agency

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

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607

Albany NY 12205-2604

Phone: 518-453-0291 FAX: 518-453-0298 E-mail: institute@itsmr.org

www.itsmr.org