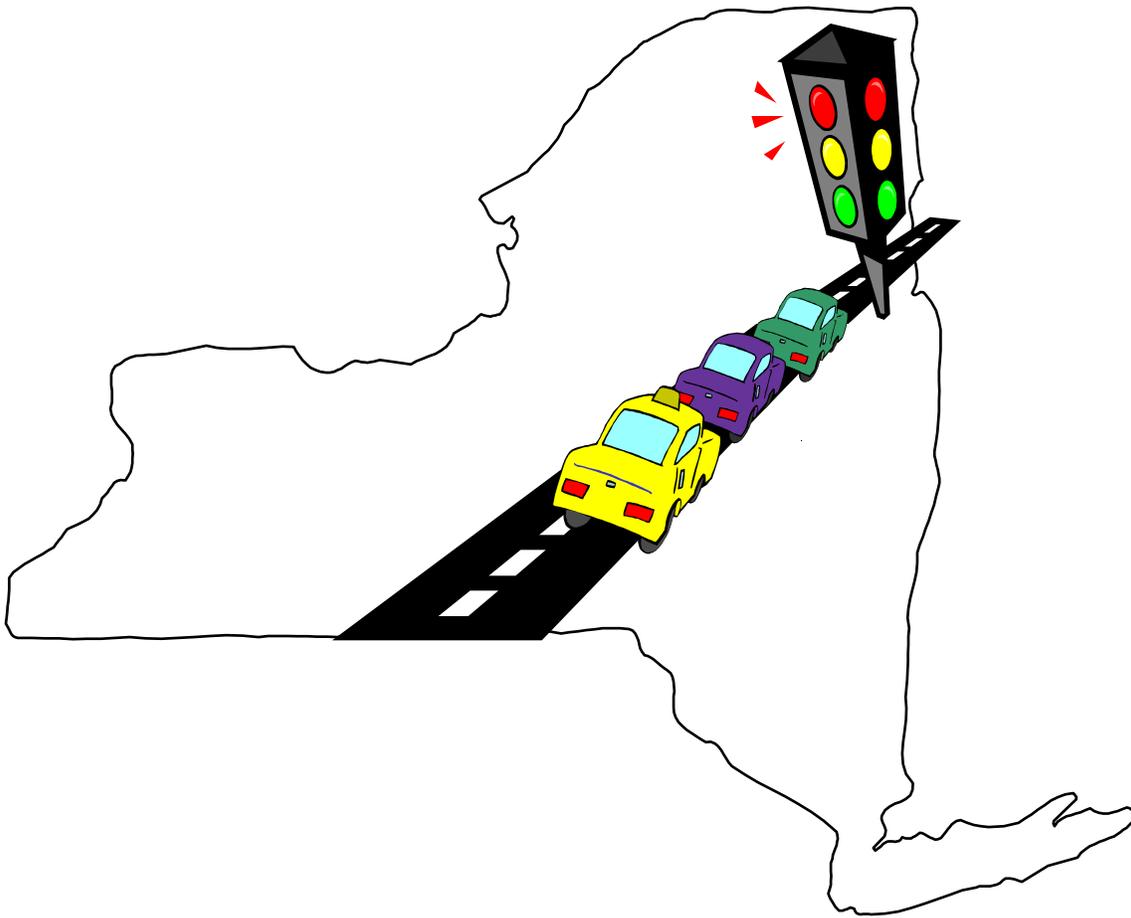


# **NEW YORK COUNTY**

## **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 2013**

## COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2009-2011. Four summary reports provide detailed crash data for the three years 2009-2011. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. 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 about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

**Institute for Traffic Safety  
Management and Research**

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

OR

**Governor's Traffic Safety Committee**

NYS Department of Motor Vehicles  
6 Empire State Plaza Room 414  
Albany, New York 12228  
Telephone: 518-474-5111

Contact Person: Sandra Fuller  
*E-Mail: [sfuller@itsmr.org](mailto:sfuller@itsmr.org)*

*E-Mail: [grants@safeny.ny.gov](mailto:grants@safeny.ny.gov)*

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## **SECTION 1**

### **General Crash Summary Report**

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

**TABLE 1 Crash Summary Totals**

Category Totals	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Crashes</b>	<b>12,790</b>	<b>314,974</b>	<b>4.1</b>	<b>13,502</b>	<b>315,377</b>	<b>4.3</b>	<b>14,176</b>	<b>307,550</b>	<b>4.6</b>
Fatal Crashes	46	1,060	4.3	44	1,119	3.9	45	1,077	4.2
Non-Fatal Personal Injury Crashes	8,406	133,888	6.3	8,950	134,151	6.7	9,298	128,036	7.3
Reportable Property Damage Crashes	4,338	180,026	2.4	4,508	180,107	2.5	4,833	178,437	2.7
<b>Manner of Collision</b>									
Single Vehicle Crashes	4,033	101,080	4.0	4,358	101,471	4.3	4,783	98,836	4.8
Multiple Vehicle Crashes	8,757	213,894	4.1	9,144	213,906	4.3	9,393	208,714	4.5
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	2,628	15,682	16.8	2,743	16,357	16.8	2,990	15,928	18.8
Bicycle/Motor Vehicle Crashes	891	5,620	15.9	1,089	6,276	17.4	1,181	6,076	19.4
Motorcycle Crashes	354	5,150	6.9	387	5,570	6.9	394	5,336	7.4
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>48</b>	<b>1,148</b>	<b>4.2</b>	<b>46</b>	<b>1,192</b>	<b>3.9</b>	<b>45</b>	<b>1,153</b>	<b>3.9</b>
Drivers Killed	8	603	1.3	8	646	1.2	7	597	1.2
Passengers Killed	5	209	2.4	4	198	2.0	2	203	1.0
Pedestrians Killed	35	307	11.4	29	311	9.3	30	296	10.1
Bicyclists Killed	0	29	0.0	5	36	13.9	6	57	10.5
Other	0	0	0.0	0	1	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>10,888</b>	<b>186,034</b>	<b>5.9</b>	<b>11,770</b>	<b>187,566</b>	<b>6.3</b>	<b>12,045</b>	<b>177,445</b>	<b>6.8</b>
Drivers Injured	4,279	112,855	3.8	4,457	112,104	4.0	4,448	106,335	4.2
Passengers Injured	3,092	51,499	6.0	3,491	52,421	6.7	3,425	48,677	7.0
Pedestrians Injured	2,573	15,321	16.8	2,709	16,090	16.8	2,958	15,689	18.9
Bicyclists Injured	858	5,405	15.9	1,048	6,058	17.3	1,144	5,883	19.4
Other	86	954	9.0	65	893	7.3	70	861	8.1

(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 crashes. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Crash 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 Crashes  
New York County**

<b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b>			
	<b>2009</b>	<b>2010</b>	<b>2011</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	78.51	85.14	88.49
Crash Rate per 10,000 Licensed Drivers	179.06	188.61	198.83
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	67.13	74.51	75.47
Fatality & Injury Rate per 10,000 Licensed Drivers	153.10	165.06	169.57

<b>TABLE 2 Day of Week/Time of Day: 2011</b>						
	<b>Total Crashes</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>14,176</b>	<b>1,667</b>	<b>3,258</b>	<b>4,785</b>	<b>3,716</b>	<b>750</b>
Sunday	1,803	434	260	590	417	102
Monday	1,786	142	494	639	417	94
Tuesday	2,111	138	568	726	573	106
Wednesday	2,010	146	534	689	554	87
Thursday	2,119	178	522	692	591	136
Friday	2,395	239	536	839	647	134
Saturday	1,952	390	344	610	517	91

<b>TABLE 3(P) Police Investigating Agency</b>						
	<b>2009</b>		<b>2010</b>		<b>2011</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>8,992</b>	<b>100.0</b>	<b>9,735</b>	<b>100.0</b>	<b>10,326</b>	<b>100.0</b>
State Police	1	<0.1	0	0.0	0	0.0
County Police	0	0.0	0	0.0	0	0.0
New York City (NYPD)	8,986	99.8	9,735	100.0	10,326	100.0
Municipal Police (non-NYC)	5	0.1	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 Crashes  
New York County**

<b>TABLE 4 Jurisdictional Road System</b>						
	<b>2009</b>		<b>2010</b>		<b>2011</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>2009</b>		<b>2010</b>		<b>2011</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total Drivers</b>	<b>21,145</b>	<b>100.0</b>	<b>22,052</b>	<b>100.0</b>	<b>23,056</b>	<b>100.0</b>
Male	14,901	70.5	15,519	70.4	16,253	70.5
Female	3,778	17.9	3,917	17.8	3,985	17.3
Unknown	2,466	11.7	2,616	11.9	2,818	12.2
<b>Age</b>						
Under Age 16	0	0.0	1	<0.1	1	<0.1
Ages 16-20	469	2.2	433	2.0	449	1.9
Ages 21-29	3,606	17.1	3,634	16.5	3,728	16.2
Ages 30-39	4,524	21.4	4,601	20.9	4,700	20.4
Ages 40-49	4,523	21.4	4,737	21.5	4,942	21.4
Ages 50-59	3,352	15.9	3,614	16.4	3,824	16.6
Ages 60-69	1,407	6.7	1,618	7.3	1,734	7.5
Ages 70 and Over	580	2.7	577	2.6	668	2.9
Unknown Age	2,684	12.7	2,837	12.9	3,010	13.1

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>8,992</b>		<b>9,735</b>		<b>10,326</b>	
Alcohol Involvement*	159	1.8	177	1.8	190	1.8
Backing Unsafely	166	1.8	217	2.2	275	2.7
Driver Inattention/Distraction	1,967	21.9	2,339	24.0	2,701	26.2
Driver Inexperience	208	2.3	254	2.6	286	2.8
Failure to Keep Right	46	0.5	53	0.5	66	0.6
Failure to Yield R.O.W.	747	8.3	922	9.5	1,195	11.6
Following Too Closely	867	9.6	1,051	10.8	1,342	13.0
Passing/Lane Violations	690	7.7	768	7.9	1,016	9.8
Traffic Control Disregarded	372	4.1	445	4.6	512	5.0
Turning Improperly	382	4.2	429	4.4	531	5.1
Unsafe Speed*	411	4.6	458	4.7	594	5.8

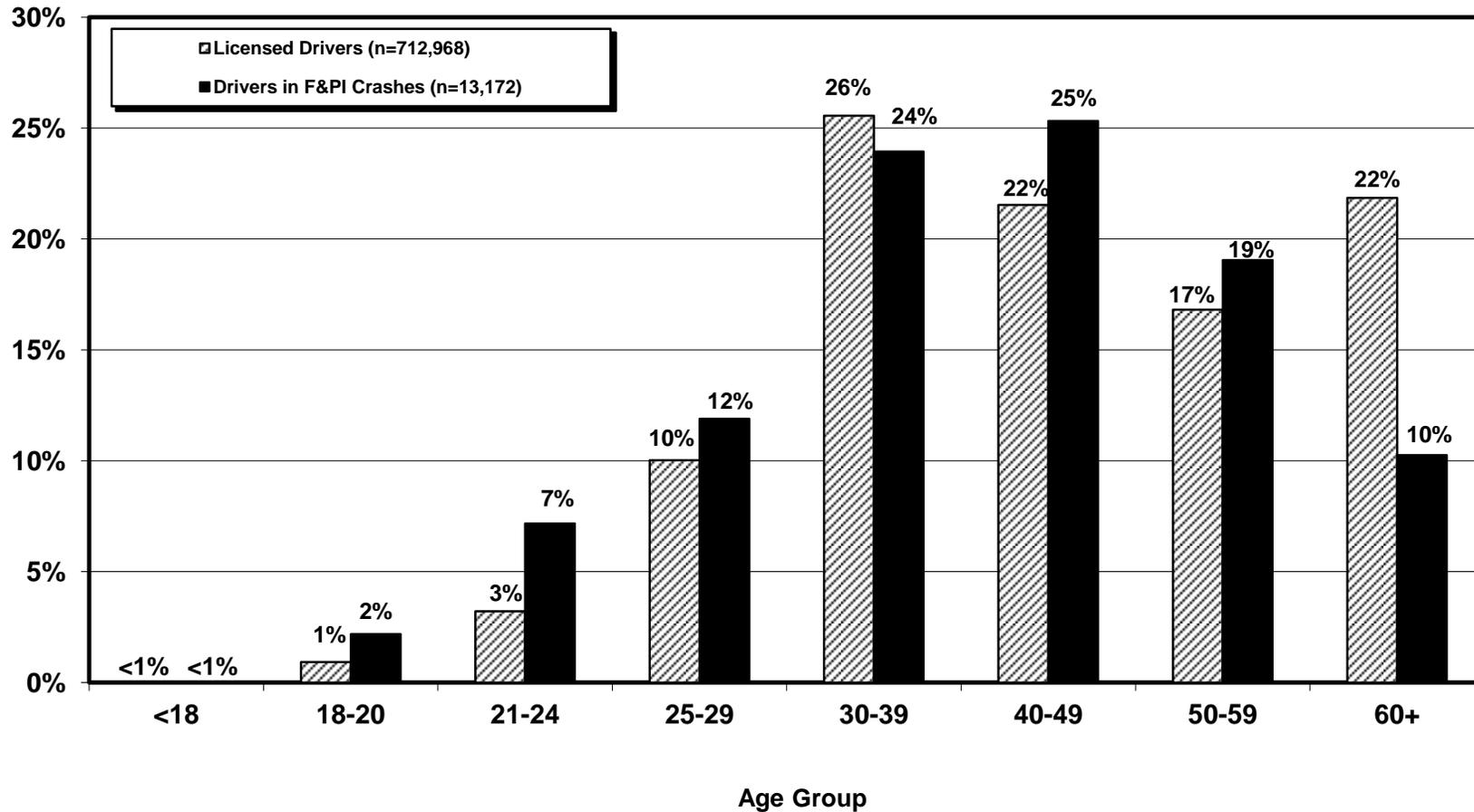
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data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

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>11,816</b>	<b>100.0</b>	<b>3,791</b>	<b>12,090</b>	<b>100.0</b>	<b>4,138</b>
Under Age 4	85	0.7	15	83	0.7	21
Ages 4-6	93	0.8	26	73	0.6	29
Ages 7-15	328	2.8	153	369	3.1	136
Ages 16-17	142	1.2	71	128	1.1	61
Ages 18-20	495	4.2	200	489	4.0	210
Ages 21-29	2,669	22.6	821	2,676	22.1	900
Ages 30-39	2,404	20.3	610	2,400	19.9	690
Ages 40-49	2,060	17.4	521	2,138	17.7	565
Ages 50-59	1,501	12.7	392	1,494	12.4	417
Ages 60-69	693	5.9	259	709	5.9	263
Ages 70 and Over	405	3.4	222	450	3.7	229
Unknown Age	941	8.0	501	1,081	8.9	617

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>5,757</b>	<b>100.0</b>	<b>6,501</b>	<b>100.0</b>	<b>6,432</b>	<b>100.0</b>
No Restraint Used	900	15.6	1,125	17.3	1,123	17.5
Restraint Used	3,821	66.4	4,150	63.8	4,150	64.5
Unknown	1,036	18.0	1,226	18.9	1,159	18.0
<b>Motorcyclists</b>	<b>253</b>	<b>100.0</b>	<b>312</b>	<b>100.0</b>	<b>313</b>	<b>100.0</b>
No Helmet Used	40	15.8	46	14.7	63	20.1
Helmet Used	161	63.6	205	65.7	192	61.3
Unknown	52	20.6	61	19.6	58	18.5
<b>Bicyclists</b>	<b>809</b>	<b>100.0</b>	<b>996</b>	<b>100.0</b>	<b>1,063</b>	<b>100.0</b>
No Helmet Used	311	38.4	278	27.9	316	29.7
Helmet Used	118	14.6	202	20.3	252	23.7
Unknown	380	47.0	516	51.8	495	46.6

**FIGURE 1**  
**New York County 2011**  
**Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes**  
**by Age Group**



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. 1,275 drivers in fatal and personal injury crashes were excluded due to unknown age.

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes**

**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>2009</b>			<b>2010</b>			<b>2011</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	8,832	11.2	12,803	9,156	11.6	13,739	7,296	9.3	10,811
<b>Kings</b>	2,508,820	31.0	1532.0	25.2	1637.6	16,567	10.8	23,915	17,511	11.4	25,669	16,173	10.6	23,137
<b>New York</b>	1,611,581	19.9	576.5	9.5	2795.5	8,452	14.7	10,936	8,994	15.6	11,816	9,343	16.2	12,090
<b>Queens</b>	2,255,175	27.8	2435.9	40.1	925.8	14,961	6.1	21,298	15,326	6.3	22,097	14,058	5.8	19,867
<b>Richmond</b>	477,377	5.9	740.8	12.2	644.4	2,678	3.6	3,685	2,883	3.9	4,202	3,014	4.1	4,318
<b>New York City Total</b>	<b>8,214,426</b>		<b>6073.5</b>		<b>1352.5</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>49,884</b>	<b>8.2</b>	<b>70,223</b>
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</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>	<b>129,113</b>	<b>1.1</b>	<b>178,598</b>

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

## **SECTION 2**

### **Alcohol-Related Crash Summary Report**

**New York State Department of Motor Vehicles  
Alcohol-Related Motor Vehicle Crashes**

**New York County**

<b>TABLE 1(P) Alcohol-Related (A-R) Crashes</b>									
<b>Category Totals</b>	<b>2009</b>			<b>2010</b>			<b>2011</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 Crashes</b>	<b>174</b>	<b>8,873</b>	<b>2.0</b>	<b>187</b>	<b>8,613</b>	<b>2.2</b>	<b>203</b>	<b>8,461</b>	<b>2.4</b>
Fatal Crashes	18	329	5.5	9	327	2.8	9	330	2.7
Non-Fatal Personal Injury Crashes	121	4,676	2.6	140	4,445	3.1	149	4,298	3.5
Reportable Property Damage Crashes	35	3,868	0.9	38	3,841	1.0	45	3,833	1.2
<b>Manner of Collision</b>									
Single Vehicle Crashes	73	4,843	1.5	73	4,798	1.5	78	4,646	1.7
Multiple Vehicle Crashes	101	4,030	2.5	114	3,815	3.0	125	3,815	3.3
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	47	432	10.9	43	408	10.5	59	460	12.8
A-R Bicycle/Motor Vehicle Crashes	10	118	8.5	10	100	10.0	11	105	10.5
A-R Motorcycle Crashes	2	191	1.0	6	227	2.6	4	204	2.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>19</b>	<b>361</b>	<b>5.3</b>	<b>11</b>	<b>354</b>	<b>3.1</b>	<b>9</b>	<b>362</b>	<b>2.5</b>
Drivers Killed	4	198	2.0	3	206	1.5	2	185	1.1
<i>Drinking Drivers</i>	4	175	2.3	3	191	1.6	2	170	1.2
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	2	64	3.1	2	64	3.1	0	73	0.0
Pedestrians Killed	13	91	14.3	6	79	7.6	7	91	7.7
Bicyclists Killed	0	8	0.0	0	5	0.0	0	13	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>209</b>	<b>6,810</b>	<b>3.1</b>	<b>210</b>	<b>6,337</b>	<b>3.3</b>	<b>214</b>	<b>6,121</b>	<b>3.5</b>
Drivers Injured	85	4,321	2.0	91	4,031	2.3	87	3,874	2.2
Passengers Injured	76	1,959	3.9	69	1,815	3.8	57	1,726	3.3
Pedestrians Injured	34	369	9.2	37	344	10.8	55	382	14.4
Bicyclists Injured	10	107	9.3	10	95	10.5	12	91	13.2
Other	4	54	7.4	3	52	5.8	3	48	6.3

**(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 Crash 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 Crashes**  
**New York County**

<b>TABLE 2(P) Day of Week/Time of Day: 2011</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>203</b>	<b>120</b>	<b>18</b>	<b>15</b>	<b>50</b>	<b>0</b>
Sunday	50	32	7	5	6	0
Monday	18	6	2	3	7	0
Tuesday	12	7	2	0	3	0
Wednesday	11	5	1	1	4	0
Thursday	32	18	2	0	12	0
Friday	32	16	0	4	12	0
Saturday	48	36	4	2	6	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>262</b>	<b>100.0</b>	<b>299</b>	<b>100.0</b>	<b>330</b>	<b>100.0</b>
Male	207	79.0	241	80.6	258	78.2
<i>Drinking Drivers</i>	105	40.1	124	41.5	133	40.3
<i>Non-Drinking Drivers</i>	102	38.9	117	39.1	125	37.9
Female	38	14.5	40	13.4	47	14.2
<i>Drinking Drivers</i>	24	9.2	24	8.0	21	6.4
<i>Non-Drinking Drivers</i>	14	5.3	16	5.4	26	7.9
Unknown	17	6.5	18	6.0	25	7.6
<i>Drinking Drivers</i>	4	1.5	4	1.3	6	1.8
<i>Non-Drinking Drivers</i>	13	5.0	14	4.7	19	5.8
<b>Drinking Drivers</b>	<b>133</b>	<b>100.0</b>	<b>152</b>	<b>100.0</b>	<b>160</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	3.0	7	4.6	4	2.5
Ages 21-29	45	33.8	57	37.5	43	26.9
Ages 30-39	38	28.6	42	27.6	50	31.3
Ages 40-49	26	19.5	22	14.5	31	19.4
Ages 50-59	8	6.0	14	9.2	21	13.1
Age 60 and Over	8	6.0	6	3.9	5	3.1
Unknown Age	4	3.0	4	2.6	6	3.8
<b>Non-Drinking Drivers</b>	<b>129</b>	<b>101.6</b>	<b>147</b>	<b>100.0</b>	<b>170</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	5.4	1	0.7	4	2.4
Ages 21-29	20	15.5	21	14.3	31	18.2
Ages 30-39	34	26.4	44	29.9	36	21.2
Ages 40-49	30	23.3	33	22.4	41	24.1
Ages 50-59	14	10.9	20	13.6	26	15.3
Age 60 and Over	7	5.4	12	8.2	12	7.1
Unknown Age	19	14.7	16	10.9	20	11.8

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

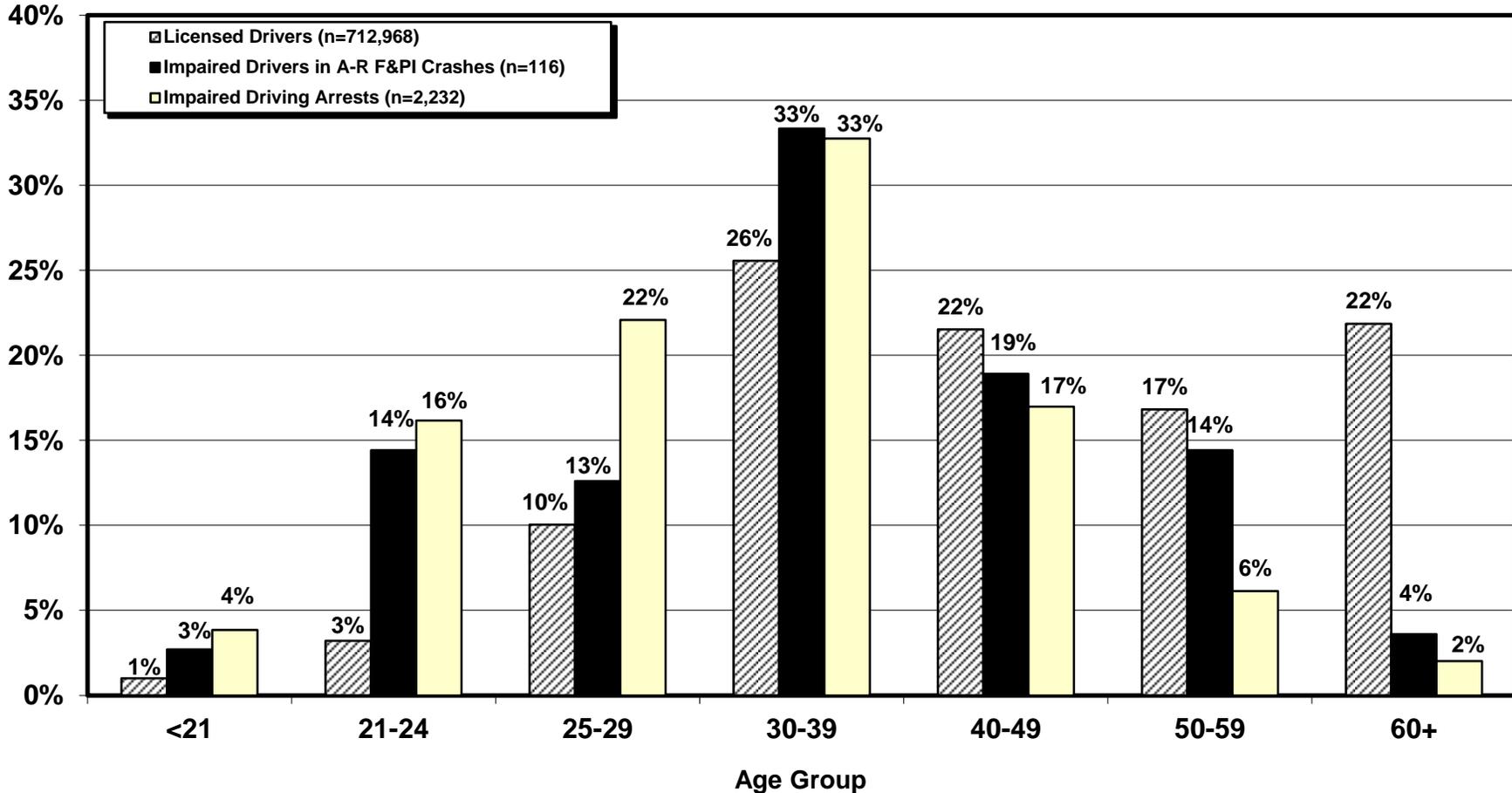
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>174</b>		<b>187</b>		<b>203</b>	
Driver Inattention/Distracted	16	9.2	23	12.3	27	13.3
Failure to Keep Right	0	0.0	3	1.6	0	0.0
Failure to Yield R.O.W.	6	3.4	5	2.7	5	2.5
Fell Asleep	3	1.7	2	1.1	4	2.0
Following Too Closely	4	2.3	8	4.3	8	3.9
Passing/Lane Violations	10	5.7	3	1.6	13	6.4
Traffic Control Disregarded	17	9.8	9	4.8	12	5.9
Unsafe Speed	22	12.6	14	7.5	22	10.8

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>221</b>	<b>100.0</b>	<b>53</b>	<b>223</b>	<b>100.0</b>	<b>74</b>
Under Age 4	0	0.0	0	1	0.4	0
Ages 4-6	0	0.0	0	1	0.4	0
Ages 7-15	6	2.7	1	3	1.3	0
Ages 16-17	1	0.5	0	2	0.9	0
Ages 18-20	17	7.7	4	14	6.3	4
Ages 21-29	76	34.4	18	76	34.1	32
Ages 30-39	43	19.5	5	47	21.1	12
Ages 40-49	34	15.4	9	27	12.1	3
Ages 50-59	16	7.2	4	28	12.6	13
Ages 60-69	9	4.1	1	7	3.1	2
Ages 70 and Over	2	0.9	0	3	1.3	1
Unknown Age	17	7.7	11	14	6.3	7

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>166</b>	<b>100.0</b>	<b>157</b>	<b>100.0</b>	<b>143</b>	<b>100.0</b>
No Restraint Used	27	16.3	26	16.6	26	18.2
Restraint Used	103	62.0	104	66.2	100	69.9
Unknown	36	21.7	27	17.2	17	11.9
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	0	0.0	5	62.5	0	0.0
Helmet Used	1	100.0	1	12.5	3	100.0
Unknown	0	0.0	2	25.0	0	0.0
<b>Bicyclists</b>	<b>10</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>
No Helmet Used	5	50.0	3	30.0	7	58.3
Helmet Used	2	20.0	3	30.0	1	8.3
Unknown	3	30.0	4	40.0	4	33.3

**FIGURE 1**  
**New York County 2011**  
**Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, 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 crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury crashes. 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 Crash Summary Report**

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

**New York County**

<b>TABLE 1(P) Speed-Related (S-R) Crashes</b>									
<b>Category Totals</b>	<b>2009</b>			<b>2010</b>			<b>2011</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 Crashes</b>	<b>412</b>	<b>28,877</b>	<b>1.4</b>	<b>459</b>	<b>28,168</b>	<b>1.6</b>	<b>594</b>	<b>28,147</b>	<b>2.1</b>
Fatal Crashes	7	314	2.2	5	289	1.7	4	284	1.4
Non-Fatal Personal Injury Crashes	312	13,202	2.4	343	12,846	2.7	467	12,838	3.6
Reportable Property Damage Crashes	93	15,361	0.6	111	15,033	0.7	123	15,025	0.8
<b>Manner of Collision</b>									
Single Vehicle Crashes	120	17,351	0.7	142	16,991	0.8	169	16,379	1.0
Multiple Vehicle Crashes	292	11,526	2.5	317	11,177	2.8	425	11,768	3.6
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	53	382	13.9	49	411	11.9	84	488	17.2
S-R Bicycle/Motor Vehicle Crashes	14	121	11.6	28	130	21.5	34	133	25.6
S-R Motorcycle Crashes	17	755	2.3	25	846	3.0	24	808	3.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>8</b>	<b>357</b>	<b>2.2</b>	<b>7</b>	<b>319</b>	<b>2.2</b>	<b>4</b>	<b>319</b>	<b>1.3</b>
Drivers Killed	4	237	1.7	3	231	1.3	3	211	1.4
<i>Speeding Drivers</i>	3	211	1.4	3	220	1.4	3	195	1.5
<i>Non-Speeding Drivers</i>	1	26	3.8	0	11	0.0	0	16	0.0
Passengers Killed	2	87	2.3	3	70	4.3	1	91	1.1
Pedestrians Killed	2	31	6.5	1	16	6.3	0	17	0.0
Bicyclists Killed	0	2	0.0	0	2	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>510</b>	<b>19,326</b>	<b>2.6</b>	<b>564</b>	<b>18,910</b>	<b>3.0</b>	<b>777</b>	<b>18,843</b>	<b>4.1</b>
Drivers Injured	235	12,890	1.8	257	12,556	2.0	330	12,382	2.7
Passengers Injured	197	5,853	3.4	219	5,723	3.8	318	5,730	5.5
Pedestrians Injured	56	386	14.5	55	422	13.0	90	514	17.5
Bicyclists Injured	14	121	11.6	29	128	22.7	34	130	26.2
Other	8	76	10.5	4	81	4.9	5	87	5.7

(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 Crash 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 Crashes**  
**New York County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>594</b>	<b>158</b>	<b>96</b>	<b>159</b>	<b>180</b>	<b>1</b>
Sunday	88	35	13	24	15	1
Monday	69	12	13	19	25	0
Tuesday	81	11	13	26	31	0
Wednesday	73	13	15	20	25	0
Thursday	83	21	17	21	24	0
Friday	90	26	12	23	29	0
Saturday	110	40	13	26	31	0

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>738</b>	<b>100.0</b>	<b>818</b>	<b>100.0</b>	<b>1,077</b>	<b>100.0</b>
Male	563	76.3	642	78.5	831	77.2
<i>Speeding Drivers</i>	318	43.1	361	44.1	460	42.7
<i>Non-Speeding Drivers</i>	245	33.2	281	34.4	371	34.4
Female	113	15.3	119	14.5	151	14.0
<i>Speeding Drivers</i>	50	6.8	44	5.4	53	4.9
<i>Non-Speeding Drivers</i>	63	8.5	75	9.2	98	9.1
Unknown	62	8.4	57	7.0	95	8.8
<i>Speeding Drivers</i>	40	5.4	41	5.0	67	6.2
<i>Non-Speeding Drivers</i>	22	3.0	16	2.0	28	2.6
<b>Speeding Drivers</b>	<b>408</b>	<b>100.0</b>	<b>446</b>	<b>100.0</b>	<b>580</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	18	4.4	21	4.7	22	3.8
Ages 21-29	108	26.5	119	26.7	123	21.2
Ages 30-39	106	26.0	102	22.9	118	20.3
Ages 40-49	72	17.6	73	16.4	127	21.9
Ages 50-59	47	11.5	57	12.8	80	13.8
Age 60 and Over	16	3.9	32	7.2	43	7.4
Unknown Age	41	10.0	42	9.4	67	11.6
<b>Non-Speeding Drivers</b>	<b>330</b>	<b>100.0</b>	<b>372</b>	<b>100.0</b>	<b>497</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	6	1.8	10	2.7	11	2.2
Ages 21-29	68	20.6	79	21.2	90	18.1
Ages 30-39	79	23.9	98	26.3	123	24.7
Ages 40-49	67	20.3	90	24.2	103	20.7
Ages 50-59	62	18.8	53	14.2	99	19.9
Age 60 and Over	24	7.3	25	6.7	40	8.0
Unknown Age	24	7.3	17	4.6	31	6.2

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>412</b>		<b>459</b>		<b>594</b>	
Alcohol Involvement	20	4.9	12	2.6	19	3.2
Driver Inattention/Distraction	51	12.4	79	17.2	91	15.3
Driver Inexperience	20	4.9	21	4.6	20	3.4
Failure to Keep Right	0	0.0	5	1.1	2	0.3
Failure to Yield R.O.W.	30	7.3	38	8.3	49	8.2
Following Too Closely	75	18.2	65	14.2	114	19.2
Passing/Lane Violations	32	7.8	40	8.7	47	7.9
Traffic Control Disregarded	28	6.8	43	9.4	42	7.1

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>571</b>	<b>100.0</b>	<b>85</b>	<b>781</b>	<b>100.0</b>	<b>124</b>
Under Age 4	5	0.9	0	5	0.6	1
Ages 4-6	6	1.1	1	4	0.5	1
Ages 7-15	17	3.0	9	33	4.2	4
Ages 16-17	8	1.4	2	3	0.4	1
Ages 18-20	35	6.1	6	40	5.1	5
Ages 21-29	162	28.4	24	217	27.8	26
Ages 30-39	130	22.8	15	163	20.9	28
Ages 40-49	87	15.2	5	144	18.4	29
Ages 50-59	56	9.8	7	75	9.6	4
Ages 60-69	23	4.0	5	39	5.0	2
Ages 70 and Over	6	1.1	1	17	2.2	8
Unknown Age	36	6.3	10	41	5.2	15

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>423</b>	<b>100.0</b>	<b>458</b>	<b>100.0</b>	<b>630</b>	<b>100.0</b>
No Restraint Used	75	17.7	100	21.8	156	24.8
Restraint Used	253	59.8	291	63.5	352	55.9
Unknown	95	22.5	67	14.6	122	19.4
<b>Motorcyclists</b>	<b>15</b>	<b>100.0</b>	<b>24</b>	<b>100.0</b>	<b>22</b>	<b>100.0</b>
No Helmet Used	2	13.3	5	20.8	3	13.6
Helmet Used	11	73.3	15	62.5	12	54.5
Unknown	2	13.3	4	16.7	7	31.8
<b>Bicyclists</b>	<b>14</b>	<b>100.0</b>	<b>29</b>	<b>100.0</b>	<b>34</b>	<b>100.0</b>
No Helmet Used	5	35.7	10	34.5	11	32.4
Helmet Used	1	7.1	7	24.1	9	26.5
Unknown	8	57.1	12	41.4	14	41.2

## **SECTION 4**

### **Motorcycle Crash Summary Report**

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

**New York County**

**TABLE 1 Crash Summary Totals**

Category Totals	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Motorcycle Crashes</b>	<b>354</b>	<b>5,150</b>	<b>6.9</b>	<b>387</b>	<b>5,570</b>	<b>6.9</b>	<b>394</b>	<b>5,336</b>	<b>7.4</b>
Fatal Crashes	4	152	2.6	6	180	3.3	5	168	3.0
Non-Fatal Personal Injury Crashes	287	4,347	6.6	326	4,757	6.9	333	4,550	7.3
Reportable Property Damage Crashes	63	651	9.7	55	633	8.7	56	618	9.1
<b>Manner of Collision</b>									
Single Motorcycle Crashes	63	2,270	2.8	83	2,426	3.4	72	2,408	3.0
Multiple Vehicle Crashes	291	2,880	10.1	304	3,144	9.7	322	2,928	11.0
<b>Special Motorcycle Crash Series</b>									
Motorcycle/Pedestrian Crashes	20	63	31.7	21	79	26.6	18	64	28.1
Motorcycle/Bicycle Crashes	6	28	21.4	5	28	17.9	6	27	22.2
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>4</b>	<b>155</b>	<b>2.6</b>	<b>7</b>	<b>185</b>	<b>3.8</b>	<b>5</b>	<b>171</b>	<b>2.9</b>
Drivers Killed	4	146	2.7	5	173	2.9	4	162	2.5
<i>Motorcycle Operators</i>	4	146	2.7	5	172	2.9	4	162	2.5
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	5	0.0	2	11	18.2	0	6	0.0
<i>Motorcycle Passengers</i>	0	5	0.0	2	11	18.2	0	6	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	1	0.0	1	3	33.3
Bicyclists Killed	0	1	0.0	0	0	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>330</b>	<b>5,042</b>	<b>6.5</b>	<b>373</b>	<b>5,468</b>	<b>6.8</b>	<b>371</b>	<b>5,180</b>	<b>7.2</b>
Drivers Injured	275	4,444	6.2	304	4,819	6.3	315	4,604	6.8
Passengers Injured	30	505	5.9	40	520	7.7	34	485	7.0
Pedestrians Injured	20	61	32.8	22	85	25.9	17	59	28.8
Bicyclists Injured	4	24	16.7	5	27	18.5	5	22	22.7
Other	1	8	12.5	2	17	11.8	0	10	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 crashes. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Crash 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 Crashes**

**New York County**

<b>TABLE 2 Day of Week/Time of Day: 2011</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>394</b>	<b>42</b>	<b>78</b>	<b>138</b>	<b>112</b>	<b>24</b>
Sunday	50	9	6	14	19	2
Monday	66	7	19	22	14	4
Tuesday	57	2	13	21	16	5
Wednesday	49	3	11	17	14	4
Thursday	60	3	13	19	21	4
Friday	60	7	10	25	13	5
Saturday	52	11	6	20	15	0

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>316</b>	<b>100.0</b>	<b>344</b>	<b>100.0</b>	<b>361</b>	<b>100.0</b>
Male	287	90.8	320	93.0	328	90.9
Female	22	7.0	21	6.1	26	7.2
Unknown	7	2.2	3	0.9	7	1.9
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	2.2	8	2.3	9	2.5
Ages 21-29	77	24.4	90	26.2	99	27.4
Ages 30-39	97	30.7	110	32.0	117	32.4
Ages 40-49	88	27.8	91	26.5	89	24.7
Ages 50-59	28	8.9	31	9.0	27	7.5
Ages 60 and Over	9	2.8	10	2.9	11	3.0
Unknown Age	10	3.2	4	1.2	9	2.5

<b>TABLE 4(P) Select Crash Contributing Factors</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total MC Crashes</b>	<b>267</b>		<b>319</b>		<b>323</b>	
Alcohol Involvement	2	0.7	4	1.3	2	0.6
Driver Inattention/Distraction	41	15.4	52	16.3	77	23.8
Driver Inexperience	13	4.9	18	5.6	17	5.3
Failure to Keep Right	1	0.4	2	0.6	5	1.5
Failure to Yield R.O.W.	14	5.2	19	6.0	31	9.6
Following Too Closely	17	6.4	20	6.3	36	11.1
Passing/Lane Violations	66	24.7	55	17.2	60	18.6
Traffic Control Disregarded	7	2.6	17	5.3	12	3.7
Turning Improperly	21	7.9	33	10.3	35	10.8
Unsafe Speed	17	6.4	25	7.8	24	7.4

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

**New York State Department of Motor Vehicles  
Motorcycle Crashes  
New York County**

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2009</b>		<b>2010</b>		<b>2011</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>279</b>	<b>100.0</b>	<b>332</b>	<b>100.0</b>	<b>338</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	0	0.0	1	0.3	0	0.0
Ages 16-17	1	0.4	2	0.6	0	0.0
Ages 18-20	6	2.2	11	3.3	11	3.3
Ages 21-29	76	27.2	92	27.7	98	29.0
Ages 30-39	88	31.5	102	30.7	113	33.4
Ages 40-49	72	25.8	77	23.2	79	23.4
Ages 50-59	24	8.6	30	9.0	24	7.1
Ages 60-69	7	2.5	10	3.0	5	1.5
Ages 70 and Over	1	0.4	0	0.0	2	0.6
Unknown Age	4	1.4	7	2.1	6	1.8

<b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b>						
	<b>2009</b>		<b>2010</b>		<b>2011</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>253</b>	<b>100.0</b>	<b>312</b>	<b>100.0</b>	<b>313</b>	<b>100.0</b>
No Helmet Used	40	15.8	46	14.7	63	20.1
Helmet Used	161	63.6	205	65.7	192	61.3
Unknown	52	20.6	61	19.6	58	18.5

<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>2007</b>	7,627	2.5	17,223	2.8
<b>2008</b>	7,834	2.4	17,685	2.8
<b>2009</b>	8,035	2.4	18,457	2.8
<b>2010</b>	8,124	2.4	19,234	2.9
<b>2011</b>	8,308	2.4	19,768	2.9

## **SECTION 5**

### **Ticket Data**

## NEW YORK COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
<b>TOTAL TICKETS ISSUED</b>	<b>354,350</b>	<b>359,546</b>	<b>332,340</b>
<b>SPEED (V&amp;T 1180)</b>	<b>10,026</b>	<b>10,094</b>	<b>8,465</b>
% of total tickets	2.8%	2.8%	2.5%
% convicted on same charge (of adjudicated cases)	81.3%	84.5%	88.3%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>51,202</b>	<b>47,978</b>	<b>42,124</b>
% of total tickets	14.4%	13.3%	12.7%
% convicted on same charge (of adjudicated cases)	93.5%	91.8%	96.0%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	1,670	1,828	1,937
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>			
<b>Persons Arrested for Impaired Driving</b>	<b>2,632</b>	<b>2,483</b>	<b>2,232</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).

## NEW YORK COUNTY

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

	2009	2010	2011
<b>Number of Persons Sentenced to Probation</b>	88	198	175
<b>Number of Persons on Probation</b>	406	539	611

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](mailto:institute@itsmr.org)

[www.itsmr.org](http://www.itsmr.org)