

# **RICHMOND 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 2011**

## 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

**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)*

Contact your GTSC Representative  
listed below:

### GTSC Representatives

RICH DEVLIN 518-486-4221 <a href="mailto:Rdevlin@dmv.ny.gov">Rdevlin@dmv.ny.gov</a>	SHARON HENDERSON 518-474-2279 <a href="mailto:Shenderson@dmv.ny.gov">Shenderson@dmv.ny.gov</a>	JENNIFER HOGAN 518-473-7786 <a href="mailto:Jennifer.Hogan@dmv.ny.gov">Jennifer.Hogan@dmv.ny.gov</a>	PAUL OVERBAUGH 518-486-5395 <a href="mailto:Poverbaugh@dmv.ny.gov">Poverbaugh@dmv.ny.gov</a>	CRAIG WHITTEN 518-486-6718 <a href="mailto:Cwhitten@dmv.ny.gov">Cwhitten@dmv.ny.gov</a>
Essex	Cayuga	Fulton	Albany	Allegany
Hamilton	Clinton	Greene	Chenango	Broome
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  
Richmond County**

<b>TABLE 1 Accident Summary Totals</b>									
<b>Category Totals</b>	<b>2007</b>			<b>2008</b>			<b>2009</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Accidents</b>	<b>5,076</b>	<b>323,106</b>	<b>1.6</b>	<b>4,775</b>	<b>316,231</b>	<b>1.5</b>	<b>4,588</b>	<b>314,974</b>	<b>1.5</b>
Fatal Accidents	17	1,220	1.4	16	1,160	1.4	18	1,060	1.7
Non-Fatal Personal Injury Accidents	2,875	139,117	2.1	2,797	134,894	2.1	2,660	133,888	2.0
Reportable Property Damage Accidents	2,184	182,769	1.2	1,962	180,177	1.1	1,910	180,026	1.1
<b>Manner of Collision</b>									
Single Vehicle Accidents	872	103,286	0.8	799	104,790	0.8	767	101,080	0.8
Multiple Vehicle Accidents	4,204	219,820	1.9	3,976	211,441	1.9	3,821	213,894	1.8
<b>Special Accident Series</b>									
Pedestrian/Motor Vehicle Accidents	337	15,701	2.1	329	15,620	2.1	308	15,682	2.0
Bicycle/Motor Vehicle Accidents	41	5,535	0.7	51	5,646	0.9	45	5,620	0.8
Motorcycle Accidents	64	5,426	1.2	73	5,396	1.4	75	5,150	1.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>17</b>	<b>1,317</b>	<b>1.3</b>	<b>16</b>	<b>1,224</b>	<b>1.3</b>	<b>20</b>	<b>1,148</b>	<b>1.7</b>
Drivers Killed	6	762	0.8	10	669	1.5	10	603	1.7
Passengers Killed	3	231	1.3	1	211	0.5	3	209	1.4
Pedestrians Killed	8	272	2.9	5	302	1.7	7	307	2.3
Bicyclists Killed	0	50	0.0	0	42	0.0	0	29	0.0
Other	0	2	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>3,969</b>	<b>194,255</b>	<b>2.0</b>	<b>3,878</b>	<b>187,160</b>	<b>2.1</b>	<b>3,665</b>	<b>186,034</b>	<b>2.0</b>
Drivers Injured	2,414	119,314	2.0	2,391	114,393	2.1	2,298	112,855	2.0
Passengers Injured	1,170	53,261	2.2	1,101	51,120	2.2	1,023	51,499	2.0
Pedestrians Injured	325	15,472	2.1	318	15,317	2.1	284	15,321	1.9
Bicyclists Injured	39	5,373	0.7	48	5,422	0.9	43	5,405	0.8
Other	21	835	2.5	20	908	2.2	17	954	1.8

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

General Notes

- \* Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- \* The Property Damage Accident reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

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

<b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b>			
	<b>2007</b>	<b>2008</b>	<b>2009</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	105.40	97.97	93.30
Crash Rate per 10,000 Licensed Drivers	172.61	162.94	155.52
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	82.76	79.89	74.94
Fatality & Injury Rate per 10,000 Licensed Drivers	135.54	132.88	124.91

<b>TABLE 2 Day of Week/Time of Day: 2009</b>						
	<b>Total Accidents</b>	<b>Time of Day</b>				
		<b>Mid-6am</b>	<b>6am-Noon</b>	<b>Noon-6pm</b>	<b>6pm-Mid</b>	<b>Unknown</b>
<b>Total</b>	<b>4,588</b>	<b>411</b>	<b>1,051</b>	<b>1,771</b>	<b>1,025</b>	<b>330</b>
Sunday	534	83	90	206	123	32
Monday	585	41	157	227	116	44
Tuesday	680	32	178	258	158	54
Wednesday	692	41	166	287	140	58
Thursday	661	62	158	252	145	44
Friday	740	51	163	292	185	49
Saturday	696	101	139	249	158	49

<b>TABLE 3(P) Police Investigating Agency</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>3,116</b>	<b>100.0</b>	<b>2,960</b>	<b>100.0</b>	<b>2,768</b>	<b>100.0</b>
State Police	0	0.0	1	<0.1	0	0.0
County Police	0	0.0	0	0.0	0	0.0
New York City (NYPD)	3,115	99.9	2,956	99.9	2,765	99.9
Municipal Police (non-NYC)	1	<0.1	3	0.1	3	0.1
Unknown	0	0.0	0	0.0	0	0.0

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

<b>TABLE 4 Jurisdictional Road System</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>5,076</b>	<b>100.0</b>				
State Routes	266	5.2	Data are not available.		Data are not available.	
County Routes	0	0.0				
Town Routes	1	<0.1				
Municipal Routes	3,674	72.4				
Parkways	3	0.1				
Thruway	0	0.0				
Other Interstates	440	8.7				
Unknown	692	13.6				

<b>TABLE 5 Driver Gender and Age</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total Drivers</b>	<b>9,092</b>	<b>100.0</b>	<b>8,624</b>	<b>100.0</b>	<b>8,194</b>	<b>100.0</b>
Male	5,103	56.1	4,691	54.4	4,427	54.0
Female	3,205	35.3	3,172	36.8	2,975	36.3
Unknown	784	8.6	761	8.8	792	9.7
Under Age 16	3	<0.1	2	<0.1	2	<0.1
Ages 16-20	859	9.4	818	9.5	858	10.5
Ages 21-29	1,709	18.8	1,565	18.1	1,573	19.2
Ages 30-39	1,601	17.6	1,492	17.3	1,360	16.6
Ages 40-49	1,744	19.2	1,669	19.4	1,440	17.6
Ages 50-59	1,189	13.1	1,219	14.1	1,126	13.7
Ages 60-69	671	7.4	638	7.4	597	7.3
Ages 70 and Over	457	5.0	407	4.7	387	4.7
Unknown Age	859	9.4	814	9.4	851	10.4

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

	2007		2008		2009	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>3,116</b>		<b>2,960</b>		<b>2,768</b>	
Alcohol Involvement*	82	2.6	71	2.4	68	2.5
Backing Unsafely	34	1.1	34	1.1	36	1.3
Driver Inattention/Distracted	684	22.0	526	17.8	463	16.7
Driver Inexperience	116	3.7	110	3.7	124	4.5
Failure to Keep Right	24	0.8	16	0.5	21	0.8
Failure to Yield R.O.W.	265	8.5	253	8.5	207	7.5
Following Too Closely	367	11.8	385	13.0	349	12.6
Passing/Lane Violations	168	5.4	129	4.4	129	4.7
Traffic Control Disregarded	121	3.9	65	2.2	83	3.0
Turning Improperly	106	3.4	87	2.9	76	2.7
Unsafe Speed*	203	6.5	177	6.0	181	6.5

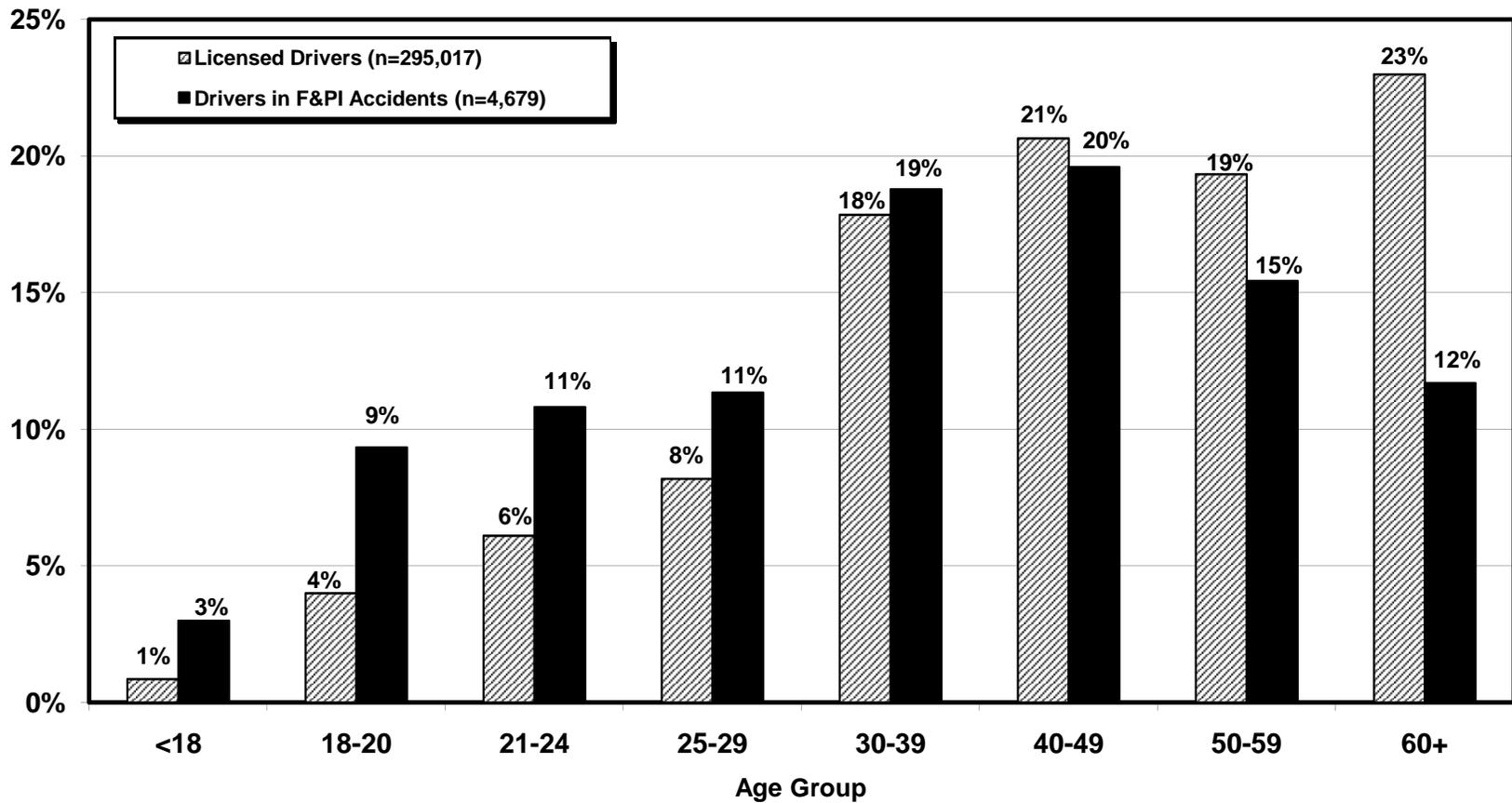
\* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>3,894</b>	<b>100.0</b>	<b>371</b>	<b>3,685</b>	<b>100.0</b>	<b>334</b>
Under Age 4	42	1.1	2	41	1.1	3
Ages 4-6	49	1.3	9	50	1.4	8
Ages 7-15	267	6.9	86	192	5.2	66
Ages 16-17	142	3.6	21	142	3.9	20
Ages 18-20	294	7.6	23	344	9.3	23
Ages 21-29	741	19.0	46	755	20.5	41
Ages 30-39	584	15.0	28	566	15.4	26
Ages 40-49	683	17.5	48	568	15.4	30
Ages 50-59	496	12.7	29	462	12.5	33
Ages 60-69	265	6.8	19	233	6.3	21
Ages 70 and Over	177	4.5	12	178	4.8	23
Unknown Age	154	4.0	48	154	4.2	40

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>2,925</b>	<b>100.0</b>	<b>2,781</b>	<b>100.0</b>	<b>2,552</b>	<b>100.0</b>
No Restraint Used	151	5.2	147	5.3	133	5.2
Restraint Used	2,510	85.8	2,432	87.5	2,192	85.9
Unknown	264	9.0	202	7.3	227	8.9
<b>Motorcyclists</b>	<b>45</b>	<b>100.0</b>	<b>63</b>	<b>100.0</b>	<b>55</b>	<b>100.0</b>
No Helmet Used	6	13.3	12	19.0	10	18.2
Helmet Used	28	62.2	43	68.3	36	65.5
Unknown	11	24.4	8	12.7	9	16.4
<b>Bicyclists</b>	<b>37</b>	<b>100.0</b>	<b>42</b>	<b>100.0</b>	<b>40</b>	<b>100.0</b>
No Helmet Used	12	32.4	10	23.8	9	22.5
Helmet Used	6	16.2	5	11.9	3	7.5
Unknown	19	51.4	27	64.3	28	70.0

**FIGURE 1**  
**Richmond 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. 272 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

<b>TABLE 9 Fatal &amp; Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities &amp; Injuries by County</b>														
<b>County</b>	<b>Pop.</b>	<b>%</b>	<b>Miles</b>	<b>%</b>	<b>Pop./ Mile</b>	<b>2007</b>			<b>2008</b>			<b>2009</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	8,787	11.1	12,944	8,299	10.5	12,155	8,832	11.2	12,803
<b>Kings</b>	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
<b>New York</b>	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
<b>Queens</b>	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
<b>Richmond</b>	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
<b>unknown</b>	na	na	na	na	na	2	na	9	0	na	na	0	na	na
<b>New York City</b>														
<b>Total</b>	<b>8,214,426</b>		<b>6073.5</b>		<b>1352.5</b>	<b>52,975</b>	<b>8.7</b>	<b>75,259</b>	<b>51,624</b>	<b>8.5</b>	<b>72,673</b>	<b>51,490</b>	<b>8.5</b>	<b>72,637</b>
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</b>	<b>140,337</b>	<b>1.2</b>	<b>195,572</b>	<b>136,054</b>	<b>1.2</b>	<b>188,384</b>	<b>134,948</b>	<b>1.2</b>	<b>187,182</b>

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

## **SECTION 2**

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

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

**Richmond County**

<b>TABLE 1(P) Alcohol-Related (A-R) Accidents</b>									
<b>Category Totals</b>	<b>2007</b>			<b>2008</b>			<b>2009</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Accidents</b>	<b>90</b>	<b>9,480</b>	<b>0.9</b>	<b>81</b>	<b>9,202</b>	<b>0.9</b>	<b>72</b>	<b>8,873</b>	<b>0.8</b>
Fatal Accidents	4	344	1.2	9	355	2.5	6	329	1.8
Non-Fatal Personal Injury Accidents	62	4,991	1.2	56	4,775	1.2	50	4,676	1.1
Reportable Property Damage Accidents	24	4,145	0.6	16	4,072	0.4	16	3,868	0.4
<b>Manner of Collision</b>									
Single Vehicle Accidents	28	5,138	0.5	27	5,033	0.5	20	4,843	0.4
Multiple Vehicle Accidents	62	4,342	1.4	54	4,169	1.3	52	4,030	1.3
<b>Special A-R Accident Series</b>									
A-R Pedestrian/Motor Vehicle Accidents	3	403	0.7	4	428	0.9	0	432	0.0
A-R Bicycle/Motor Vehicle Accidents	0	97	0.0	0	106	0.0	1	118	0.8
A-R Motorcycle Accidents	1	217	0.5	2	220	0.9	1	191	0.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>4</b>	<b>373</b>	<b>1.1</b>	<b>9</b>	<b>381</b>	<b>2.4</b>	<b>7</b>	<b>361</b>	<b>1.9</b>
Drivers Killed	3	239	1.3	6	212	2.8	4	198	2.0
<i>Drinking Drivers</i>	2	215	0.9	6	192	3.1	2	175	1.1
<i>Non-Drinking Drivers</i>	1	24	4.2	0	20	0.0	2	23	8.7
Passengers Killed	1	65	1.5	1	77	1.3	3	64	4.7
Pedestrians Killed	0	62	0.0	2	82	2.4	0	91	0.0
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
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>104</b>	<b>7,175</b>	<b>1.4</b>	<b>83</b>	<b>6,886</b>	<b>1.2</b>	<b>84</b>	<b>6,810</b>	<b>1.2</b>
Drivers Injured	57	4,593	1.2	54	4,396	1.2	62	4,321	1.4
Passengers Injured	43	2,072	2.1	26	1,979	1.3	20	1,959	1.0
Pedestrians Injured	3	362	0.8	2	360	0.6	0	369	0.0
Bicyclists Injured	0	90	0.0	0	94	0.0	1	107	0.9
Other	1	58	1.7	1	57	1.8	1	54	1.9

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

General Notes

- \* All tables are based on information received from police reports.
- \* The Property Damage Accident reporting level is \$1,000 or more.
- \* The term "vehicle" always excludes bicycles.
- \* The term "driver" always excludes bicyclists.
- \* Percentages may not total 100.0 due to rounding.

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

<b>TABLE 2(P) Day of Week/Time of Day: 2009</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>72</b>	<b>26</b>	<b>13</b>	<b>10</b>	<b>22</b>	<b>1</b>
Sunday	15	8	3	1	2	1
Monday	7	2	0	2	3	0
Tuesday	6	2	0	0	4	0
Wednesday	2	0	2	0	0	0
Thursday	9	3	0	2	4	0
Friday	12	4	2	1	5	0
Saturday	21	7	6	4	4	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2007		2008		2009	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>135</b>	<b>100.0</b>	<b>122</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>
Male	103	76.3	93	76.2	84	66.1
<i>Drinking Drivers</i>	71	52.6	62	50.8	52	40.9
<i>Non-Drinking Drivers</i>	32	23.7	31	25.4	32	25.2
Female	29	21.5	24	19.7	38	29.9
<i>Drinking Drivers</i>	16	11.9	11	9.0	18	14.2
<i>Non-Drinking Drivers</i>	13	9.6	13	10.7	20	15.7
Unknown	3	2.2	5	4.1	5	3.9
<i>Drinking Drivers</i>	0	0.0	3	2.5	1	0.8
<i>Non-Drinking Drivers</i>	3	2.2	2	1.6	4	3.1
<b>Drinking Drivers</b>	<b>87</b>	<b>100.0</b>	<b>76</b>	<b>100.0</b>	<b>71</b>	<b>100.0</b>
Under Age 16	1	1.1	0	0.0	0	0.0
Ages 16-20	8	9.2	6	7.9	6	8.5
Ages 21-29	27	31.0	23	30.3	33	46.5
Ages 30-39	19	21.8	16	21.1	12	16.9
Ages 40-49	20	23.0	16	21.1	11	15.5
Ages 50-59	6	6.9	10	13.2	8	11.3
Age 60 and Over	6	6.9	2	2.6	0	0.0
Unknown Age	0	0.0	3	3.9	1	1.4
<b>Non-Drinking Drivers</b>	<b>48</b>	<b>100.0</b>	<b>46</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	6.3	2	4.3	6	10.7
Ages 21-29	10	20.8	16	34.8	12	21.4
Ages 30-39	10	20.8	9	19.6	9	16.1
Ages 40-49	16	33.3	13	28.3	16	28.6
Ages 50-59	4	8.3	4	8.7	7	12.5
Age 60 and Over	2	4.2	0	0.0	2	3.6
Unknown Age	3	6.3	2	4.3	4	7.1

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

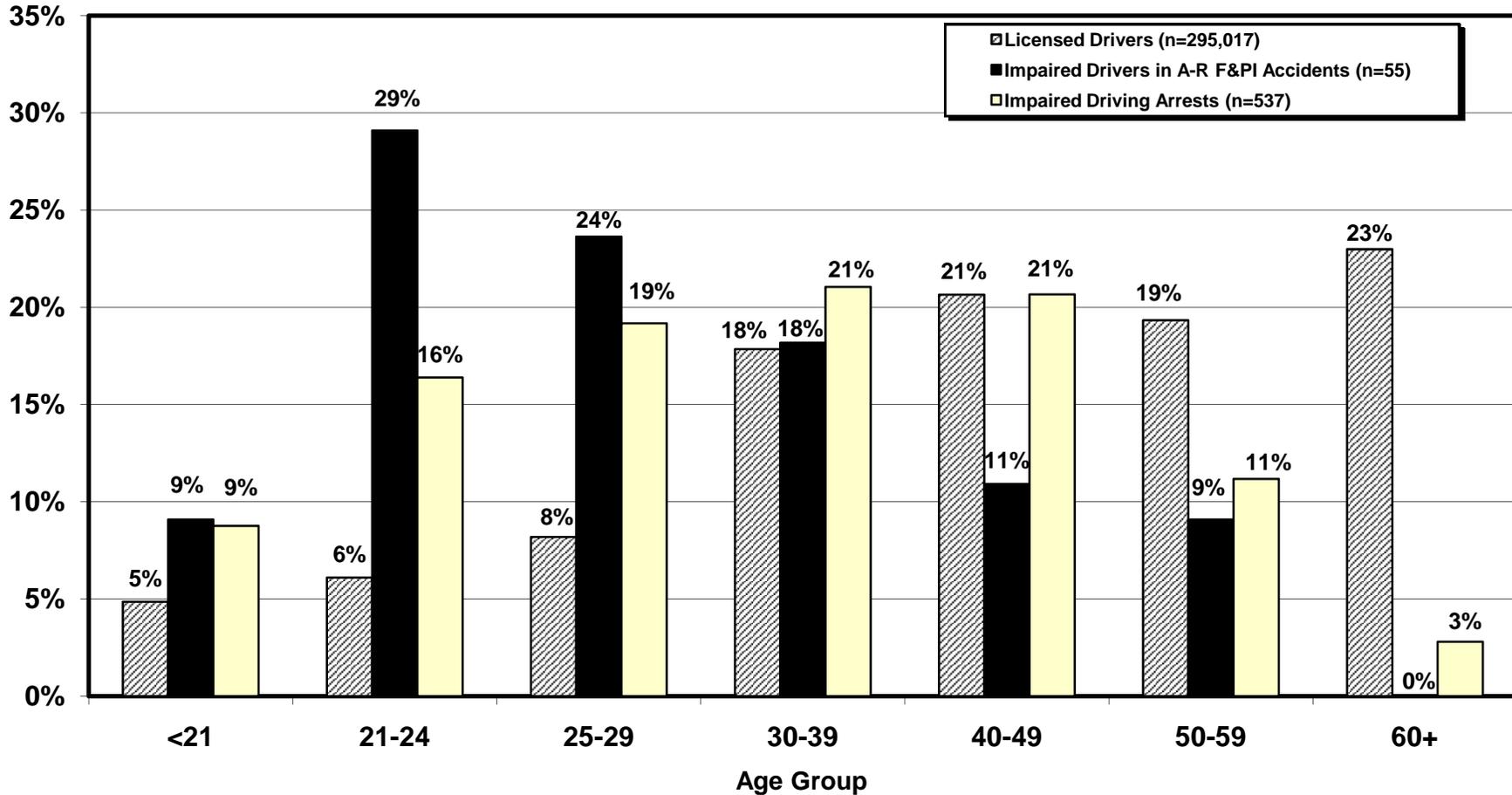
	2007		2008		2009	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>90</b>		<b>81</b>		<b>72</b>	
Driver Inattention/Distracted	5	5.6	12	14.8	2	2.8
Failure to Keep Right	2	2.2	0	0.0	1	1.4
Failure to Yield R.O.W.	2	2.2	1	1.2	0	0.0
Fell Asleep	1	1.1	0	0.0	0	0.0
Following Too Closely	5	5.6	2	2.5	1	1.4
Passing/Lane Violations	5	5.6	1	1.2	1	1.4
Traffic Control Disregarded	3	3.3	0	0.0	2	2.8
Unsafe Speed	13	14.4	14	17.3	13	18.1

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>92</b>	<b>100.0</b>	<b>4</b>	<b>91</b>	<b>100.0</b>	<b>1</b>
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	2	2.2	1
Ages 7-15	3	3.3	0	1	1.1	0
Ages 16-17	3	3.3	0	3	3.3	0
Ages 18-20	9	9.8	0	12	13.2	0
Ages 21-29	28	30.4	1	27	29.7	0
Ages 30-39	14	15.2	0	17	18.7	0
Ages 40-49	20	21.7	1	11	12.1	0
Ages 50-59	9	9.8	0	14	15.4	0
Ages 60-69	3	3.3	1	1	1.1	0
Ages 70 and Over	0	0.0	0	1	1.1	0
Unknown Age	3	3.3	1	2	2.2	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>103</b>	<b>100.0</b>	<b>85</b>	<b>100.0</b>	<b>88</b>	<b>100.0</b>
No Restraint Used	13	12.6	10	11.8	11	12.5
Restraint Used	85	82.5	68	80.0	68	77.3
Unknown	5	4.9	7	8.2	9	10.2
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	2	100.0	1	100.0
Helmet Used	1	100.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	1	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

**FIGURE 1**  
**Richmond 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**

**Richmond County**

<b>TABLE 1(P) Speed-Related (S-R) Accidents</b>									
<b>Category Totals</b>	<b>2007</b>			<b>2008</b>			<b>2009</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Accidents</b>	<b>204</b>	<b>31,729</b>	<b>0.6</b>	<b>178</b>	<b>32,234</b>	<b>0.6</b>	<b>182</b>	<b>28,877</b>	<b>0.6</b>
Fatal Accidents	7	369	1.9	10	379	2.6	5	314	1.6
Non-Fatal Personal Injury Accidents	150	14,405	1.0	124	14,207	0.9	135	13,202	1.0
Reportable Property Damage Accidents	47	16,955	0.3	44	17,648	0.2	42	15,361	0.3
<b>Manner of Collision</b>									
Single Vehicle Accidents	49	19,143	0.3	59	20,115	0.3	53	17,351	0.3
Multiple Vehicle Accidents	155	12,586	1.2	119	12,119	1.0	129	11,526	1.1
<b>Special S-R Accident Series</b>									
S-R Pedestrian/Motor Vehicle Accidents	7	382	1.8	6	369	1.6	8	382	2.1
S-R Bicycle/Motor Vehicle Accidents	1	91	1.1	0	93	0.0	1	121	0.8
S-R Motorcycle Accidents	2	857	0.2	6	854	0.7	5	755	0.7
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>7</b>	<b>406</b>	<b>1.7</b>	<b>10</b>	<b>412</b>	<b>2.4</b>	<b>5</b>	<b>357</b>	<b>1.4</b>
Drivers Killed	3	277	1.1	8	293	2.7	3	237	1.3
<i>Speeding Drivers</i>	3	249	1.2	8	271	3.0	2	211	0.9
<i>Non-Speeding Drivers</i>	0	28	0.0	0	22	0.0	1	26	3.8
Passengers Killed	2	104	1.9	1	90	1.1	1	87	1.1
Pedestrians Killed	2	24	8.3	1	29	3.4	1	31	3.2
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
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>253</b>	<b>21,137</b>	<b>1.2</b>	<b>231</b>	<b>20,595</b>	<b>1.1</b>	<b>200</b>	<b>19,326</b>	<b>1.0</b>
Drivers Injured	142	14,151	1.0	128	13,818	0.9	134	12,890	1.0
Passengers Injured	104	6,427	1.6	90	6,235	1.4	57	5,853	1.0
Pedestrians Injured	5	383	1.3	6	364	1.6	8	386	2.1
Bicyclists Injured	1	90	1.1	0	90	0.0	1	121	0.8
Other	1	86	1.2	7	88	8.0	0	76	0.0

(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  
Richmond County**

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>182</b>	<b>46</b>	<b>41</b>	<b>65</b>	<b>29</b>	<b>1</b>
Sunday	26	11	3	10	2	0
Monday	21	3	5	9	4	0
Tuesday	30	5	6	11	7	1
Wednesday	21	7	1	9	4	0
Thursday	26	3	9	10	4	0
Friday	30	6	10	10	4	0
Saturday	28	11	7	6	4	0

	2007		2008		2009	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>367</b>	<b>100.0</b>	<b>294</b>	<b>100.0</b>	<b>317</b>	<b>100.0</b>
Male	250	68.1	190	64.6	192	60.6
<i>Speeding Drivers</i>	138	37.6	112	38.1	115	36.3
<i>Non-Speeding Drivers</i>	112	30.5	78	26.5	77	24.3
Female	100	27.2	90	30.6	101	31.9
<i>Speeding Drivers</i>	43	11.7	48	16.3	47	14.8
<i>Non-Speeding Drivers</i>	57	15.5	42	14.3	54	17.0
Unknown	17	4.6	14	4.8	24	7.6
<i>Speeding Drivers</i>	14	3.8	7	2.4	16	5.0
<i>Non-Speeding Drivers</i>	3	0.8	7	2.4	8	2.5
<b>Speeding Drivers</b>	<b>195</b>	<b>100.0</b>	<b>167</b>	<b>100.0</b>	<b>178</b>	<b>100.0</b>
Under Age 16	3	1.5	0	0.0	1	0.6
Ages 16-20	37	19.0	31	18.6	26	14.6
Ages 21-29	50	25.6	52	31.1	66	37.1
Ages 30-39	31	15.9	33	19.8	25	14.0
Ages 40-49	30	15.4	25	15.0	16	9.0
Ages 50-59	14	7.2	14	8.4	18	10.1
Age 60 and Over	15	7.7	5	3.0	9	5.1
Unknown Age	15	7.7	7	4.2	17	9.6
<b>Non-Speeding Drivers</b>	<b>172</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>	<b>139</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	12	7.0	13	10.2	12	8.6
Ages 21-29	32	18.6	24	18.9	25	18.0
Ages 30-39	34	19.8	26	20.5	20	14.4
Ages 40-49	43	25.0	23	18.1	31	22.3
Ages 50-59	27	15.7	16	12.6	24	17.3
Age 60 and Over	20	11.6	16	12.6	19	13.7
Unknown Age	4	2.3	9	7.1	8	5.8

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

	2007		2008		2009	
	#	%	#	%	#	%
<b>Total Accidents</b>	<b>204</b>		<b>178</b>		<b>182</b>	
Alcohol Involvement	11	5.4	10	5.6	13	7.1
Driver Inattention/Distraction	29	14.2	22	12.4	28	15.4
Driver Inexperience	17	8.3	17	9.6	14	7.7
Failure to Keep Right	1	0.5	2	1.1	2	1.1
Failure to Yield R.O.W.	14	6.9	7	3.9	7	3.8
Following Too Closely	39	19.1	22	12.4	25	13.7
Passing/Lane Violations	9	4.4	9	5.1	9	4.9
Traffic Control Disregarded	8	3.9	4	2.2	8	4.4

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>241</b>	<b>100.0</b>	<b>7</b>	<b>205</b>	<b>100.0</b>	<b>10</b>
Under Age 4	5	2.1	0	2	1.0	0
Ages 4-6	2	0.8	0	0	0.0	0
Ages 7-15	11	4.6	0	7	3.4	0
Ages 16-17	13	5.4	0	9	4.4	2
Ages 18-20	35	14.5	3	32	15.6	0
Ages 21-29	55	22.8	1	59	28.8	3
Ages 30-39	37	15.4	1	21	10.2	1
Ages 40-49	42	17.4	1	23	11.2	2
Ages 50-59	17	7.1	0	25	12.2	1
Ages 60-69	9	3.7	0	15	7.3	0
Ages 70 and Over	6	2.5	0	8	3.9	0
Unknown Age	9	3.7	1	4	2.0	1

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>249</b>	<b>100.0</b>	<b>219</b>	<b>100.0</b>	<b>190</b>	<b>100.0</b>
No Restraint Used	31	12.4	26	11.9	26	13.7
Restraint Used	189	75.9	170	77.6	146	76.8
Unknown	29	11.6	23	10.5	18	9.5
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>
No Helmet Used	1	50.0	3	37.5	1	20.0
Helmet Used	1	50.0	5	62.5	2	40.0
Unknown	0	0.0	0	0.0	2	40.0
<b>Bicyclists</b>	<b>1</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	1	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	1	100.0

## **SECTION 4**

### **Motorcycle Accident Summary Report**

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

**Richmond 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
<b>Total Motorcycle Accidents</b>	<b>64</b>	<b>5,426</b>	<b>1.2</b>	<b>73</b>	<b>5,396</b>	<b>1.4</b>	<b>75</b>	<b>5,150</b>	<b>1.5</b>
Fatal Accidents	1	164	0.6	3	184	1.6	5	152	3.3
Non-Fatal Personal Injury Accidents	54	4,727	1.1	67	4,593	1.5	66	4,347	1.5
Reportable Property Damage Accidents	9	535	1.7	3	619	0.5	4	651	0.6
<b>Manner of Collision</b>									
Single Motorcycle Accidents	11	2,318	0.5	23	2,392	1.0	14	2,270	0.6
Multiple Vehicle Accidents	53	3,108	1.7	50	3,004	1.7	61	2,880	2.1
<b>Special Motorcycle Accident Series</b>									
Motorcycle/Pedestrian Accidents	0	74	0.0	1	84	1.2	1	63	1.6
Motorcycle/Bicycle Accidents	0	19	0.0	0	29	0.0	0	28	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>172</b>	<b>0.6</b>	<b>3</b>	<b>188</b>	<b>1.6</b>	<b>5</b>	<b>155</b>	<b>3.2</b>
Drivers Killed	1	162	0.6	3	175	1.7	5	146	3.4
<i>Motorcycle Operators</i>	1	162	0.6	3	175	1.7	5	146	3.4
<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	0	4	0.0	0	3	0.0
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
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>60</b>	<b>5,503</b>	<b>1.1</b>	<b>74</b>	<b>5,290</b>	<b>1.4</b>	<b>75</b>	<b>5,042</b>	<b>1.5</b>
Drivers Injured	54	4,830	1.1	65	4,674	1.4	70	4,444	1.6
Passengers Injured	6	579	1.0	7	493	1.4	4	505	0.8
Pedestrians Injured	0	71	0.0	1	81	1.2	1	61	1.6
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**

**Richmond County**

<b>TABLE 2 Day of Week/Time of Day: 2009</b>						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>75</b>	<b>5</b>	<b>13</b>	<b>37</b>	<b>18</b>	<b>2</b>
Sunday	11	1	1	6	3	0
Monday	8	2	1	2	3	0
Tuesday	9	0	1	5	3	0
Wednesday	11	1	1	7	2	0
Thursday	7	0	2	5	0	0
Friday	13	0	2	6	5	0
Saturday	16	1	5	6	2	2

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2007		2008		2009	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>62</b>	<b>100.0</b>	<b>73</b>	<b>100.0</b>	<b>73</b>	<b>100.0</b>
Male	59	95.2	71	97.3	71	97.3
Female	2	3.2	2	2.7	1	1.4
Unknown	1	1.6	0	0.0	1	1.4
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	4.8	5	6.8	4	5.5
Ages 21-29	20	32.3	23	31.5	15	20.5
Ages 30-39	10	16.1	15	20.5	18	24.7
Ages 40-49	13	21.0	18	24.7	19	26.0
Ages 50-59	13	21.0	8	11.0	9	12.3
Ages 60 and Over	2	3.2	4	5.5	6	8.2
Unknown Age	1	1.6	0	0.0	2	2.7

<b>TABLE 4(P) Select Accident Contributing Factors</b>						
	2007		2008		2009	
	#	%	#	%	#	%
<b>Total MC Accidents</b>	<b>45</b>		<b>62</b>		<b>61</b>	
Alcohol Involvement	1	2.2	0	0.0	0	0.0
Driver Inattention/Distraction	15	33.3	7	11.3	6	9.8
Driver Inexperience	1	2.2	9	14.5	7	11.5
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	6	13.3	8	12.9	6	9.8
Following Too Closely	5	11.1	3	4.8	1	1.6
Passing/Lane Violations	2	4.4	7	11.3	2	3.3
Traffic Control Disregarded	2	4.4	1	1.6	0	0.0
Turning Improperly	3	6.7	7	11.3	5	8.2
Unsafe Speed	2	4.4	6	9.7	5	8.2

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

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

**Richmond County**

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>54</b>	<b>100.0</b>	<b>72</b>	<b>100.0</b>	<b>66</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	1.4	0	0.0
Ages 16-17	0	0.0	1	1.4	0	0.0
Ages 18-20	2	3.7	6	8.3	4	6.1
Ages 21-29	17	31.5	22	30.6	13	19.7
Ages 30-39	10	18.5	12	16.7	17	25.8
Ages 40-49	11	20.4	17	23.6	18	27.3
Ages 50-59	11	20.4	8	11.1	8	12.1
Ages 60-69	2	3.7	4	5.6	4	6.1
Ages 70 and Over	0	0.0	0	0.0	1	1.5
Unknown Age	1	1.9	1	1.4	1	1.5

<b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b>						
	<b>2007</b>		<b>2008</b>		<b>2009</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>45</b>	<b>100.0</b>	<b>63</b>	<b>100.0</b>	<b>55</b>	<b>100.0</b>
No Helmet Used	6	13.3	12	19.0	10	18.2
Helmet Used	28	62.2	43	68.3	36	65.5
Unknown	11	24.4	8	12.7	9	16.4

<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>2005</b>	4,525	1.7	9,636	1.6
<b>2006</b>	4,656	1.6	9,382	1.6
<b>2007</b>	5,037	1.6	10,016	1.6
<b>2008</b>	5,430	1.7	10,550	1.7
<b>2009</b>	5,552	1.7	11,069	1.7

## **SECTION 5**

### **Ticket Data**

## RICHMOND COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2007	2008	2009
<b>TOTAL TICKETS ISSUED</b>	<b>78,109</b>	<b>75,632</b>	<b>76,607</b>
<b>SPEED (V&amp;T 1180)</b>	<b>11,809</b>	<b>13,209</b>	<b>12,592</b>
% of total tickets	15.1%	17.5%	16.4%
% convicted on same charge (of adjudicated cases)	97.0%	95.6%	91.8%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>9,384</b>	<b>8,224</b>	<b>7,566</b>
% of total tickets	12.0%	10.9%	9.9%
% convicted on same charge (of adjudicated cases)	97.7%	97.5%	96.6%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	588	690	725
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>			
<b>Persons Arrested for Impaired Driving</b>	<b>666</b>	<b>555</b>	<b>537</b>
Case adjudicated	No information is available on the		
Case pending	adjudication of impaired driving arrests.		
<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: NYS DMV Administrative Adjudication System (speed & seat belts) and the NYPD (impaired driving).

## RICHMOND COUNTY

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

	2007	2008	2009
<b>Number of Persons Sentenced to Probation</b>	88	71	48
<b>Number of Persons on Probation</b>	233	246	234

Source: NYS Division of Probation and Correctional Alternatives.

# **RICHMOND COUNTY**

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

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

# **RICHMOND 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)