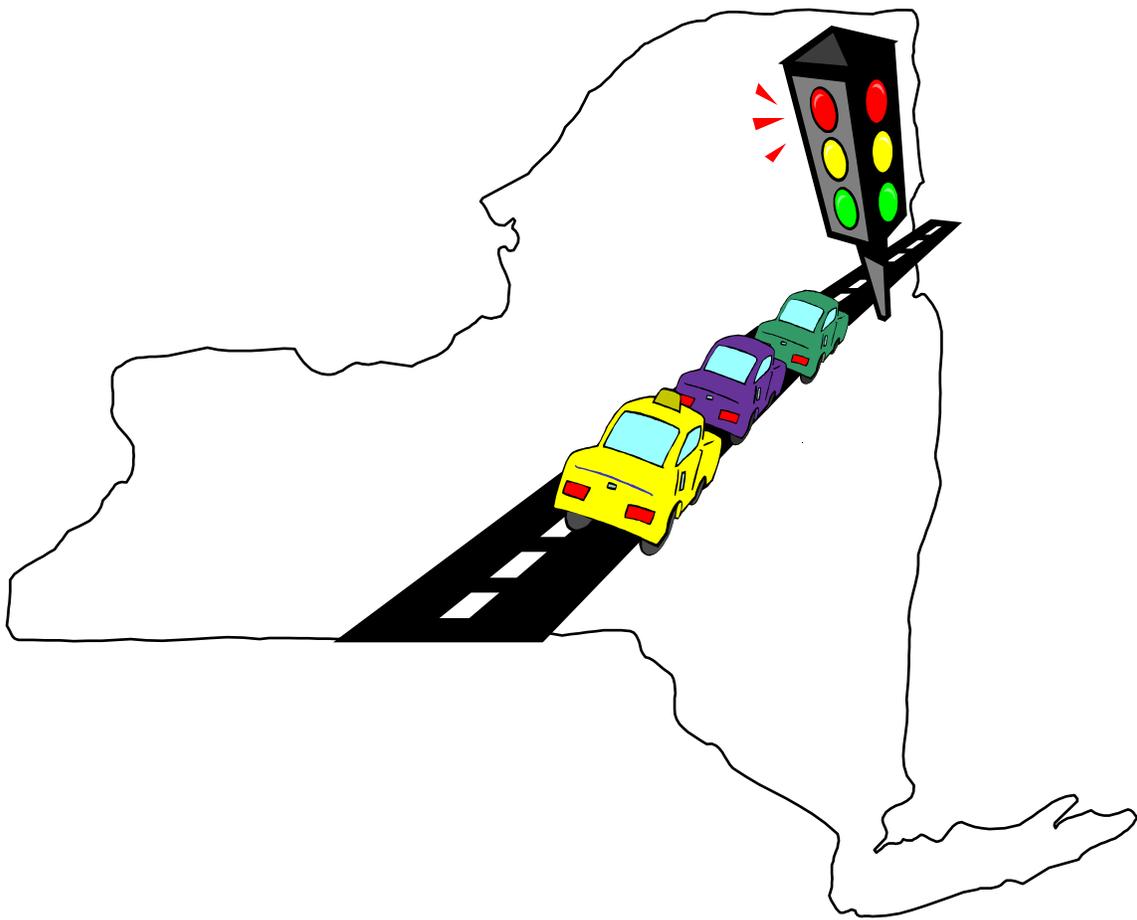


# **SENECA COUNTY**

## **TRAFFIC SAFETY DATA**



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## 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

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## **SECTION 1**

### **General Crash Summary Report**

**New York State Department of Motor Vehicles**  
**Motor Vehicle Crashes**  
**Seneca 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>773</b>	<b>314,974</b>	<b>0.2</b>	<b>828</b>	<b>315,377</b>	<b>0.3</b>	<b>812</b>	<b>307,550</b>	<b>0.3</b>
Fatal Crashes	6	1,060	0.6	5	1,119	0.4	6	1,077	0.6
Non-Fatal Personal Injury Crashes	236	133,888	0.2	242	134,151	0.2	237	128,036	0.2
Reportable Property Damage Crashes	531	180,026	0.3	581	180,107	0.3	569	178,437	0.3
<b>Manner of Collision</b>									
Single Vehicle Crashes	442	101,080	0.4	520	101,471	0.5	455	98,836	0.5
Multiple Vehicle Crashes	331	213,894	0.2	308	213,906	0.1	357	208,714	0.2
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	9	15,682	0.1	13	16,357	0.1	11	15,928	0.1
Bicycle/Motor Vehicle Crashes	1	5,620	<0.1	5	6,276	0.1	3	6,076	<0.1
Motorcycle Crashes	12	5,150	0.2	12	5,570	0.2	13	5,336	0.2
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>6</b>	<b>1,148</b>	<b>0.5</b>	<b>5</b>	<b>1,192</b>	<b>0.4</b>	<b>6</b>	<b>1,153</b>	<b>0.5</b>
Drivers Killed	4	603	0.7	4	646	0.6	5	597	0.8
Passengers Killed	2	209	1.0	1	198	0.5	0	203	0.0
Pedestrians Killed	0	307	0.0	0	311	0.0	1	296	0.3
Bicyclists Killed	0	29	0.0	0	36	0.0	0	57	0.0
Other	0	0	0.0	0	1	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>326</b>	<b>186,034</b>	<b>0.2</b>	<b>329</b>	<b>187,566</b>	<b>0.2</b>	<b>383</b>	<b>177,445</b>	<b>0.2</b>
Drivers Injured	218	112,855	0.2	219	112,104	0.2	226	106,335	0.2
Passengers Injured	98	51,499	0.2	90	52,421	0.2	143	48,677	0.3
Pedestrians Injured	9	15,321	0.1	13	16,090	0.1	11	15,689	0.1
Bicyclists Injured	1	5,405	<0.1	5	6,058	0.1	3	5,883	0.1
Other	0	954	0.0	2	893	0.2	0	861	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  
Motor Vehicle Crashes  
Seneca 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	227.03	234.89	230.69
Crash Rate per 10,000 Licensed Drivers	318.45	343.81	340.75
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	97.51	94.75	110.52
Fatality & Injury Rate per 10,000 Licensed Drivers	136.77	138.69	163.24

<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>812</b>	<b>73</b>	<b>213</b>	<b>328</b>	<b>184</b>	<b>14</b>
Sunday	100	8	22	43	25	2
Monday	97	6	29	42	19	1
Tuesday	96	9	23	40	22	2
Wednesday	115	8	28	55	22	2
Thursday	112	10	27	42	31	2
Friday	149	14	49	56	29	1
Saturday	143	18	35	50	36	4

<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>713</b>	<b>100.0</b>	<b>753</b>	<b>100.0</b>	<b>750</b>	<b>100.0</b>
State Police	199	27.9	239	31.7	255	34.0
County Police	390	54.7	399	53.0	345	46.0
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	124	17.4	115	15.3	150	20.0
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles  
Motor Vehicle Crashes  
Seneca 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>1,076</b>	<b>100.0</b>	<b>1,099</b>	<b>100.0</b>	<b>1,133</b>	<b>100.0</b>
Male	621	57.7	622	56.6	667	58.9
Female	439	40.8	455	41.4	437	38.6
Unknown	16	1.5	22	2.0	29	2.6
<b>Age</b>						
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	155	14.4	148	13.5	141	12.4
Ages 21-29	210	19.5	222	20.2	247	21.8
Ages 30-39	184	17.1	179	16.3	165	14.6
Ages 40-49	169	15.7	172	15.7	180	15.9
Ages 50-59	156	14.5	164	14.9	179	15.8
Ages 60-69	110	10.2	112	10.2	100	8.8
Ages 70 and Over	76	7.1	79	7.2	92	8.1
Unknown Age	16	1.5	23	2.1	29	2.6

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>713</b>		<b>753</b>		<b>750</b>	
Alcohol Involvement*	21	2.9	22	2.9	25	3.3
Backing Unsafely	35	4.9	34	4.5	45	6.0
Driver Inattention/Distracted	91	12.8	91	12.1	119	15.9
Driver Inexperience	17	2.4	13	1.7	17	2.3
Failure to Keep Right	7	1.0	9	1.2	17	2.3
Failure to Yield R.O.W.	95	13.3	71	9.4	108	14.4
Following Too Closely	67	9.4	59	7.8	65	8.7
Passing/Lane Violations	55	7.7	90	12.0	63	8.4
Traffic Control Disregarded	21	2.9	19	2.5	18	2.4
Turning Improperly	16	2.2	22	2.9	19	2.5
Unsafe Speed*	99	13.9	137	18.2	108	14.4

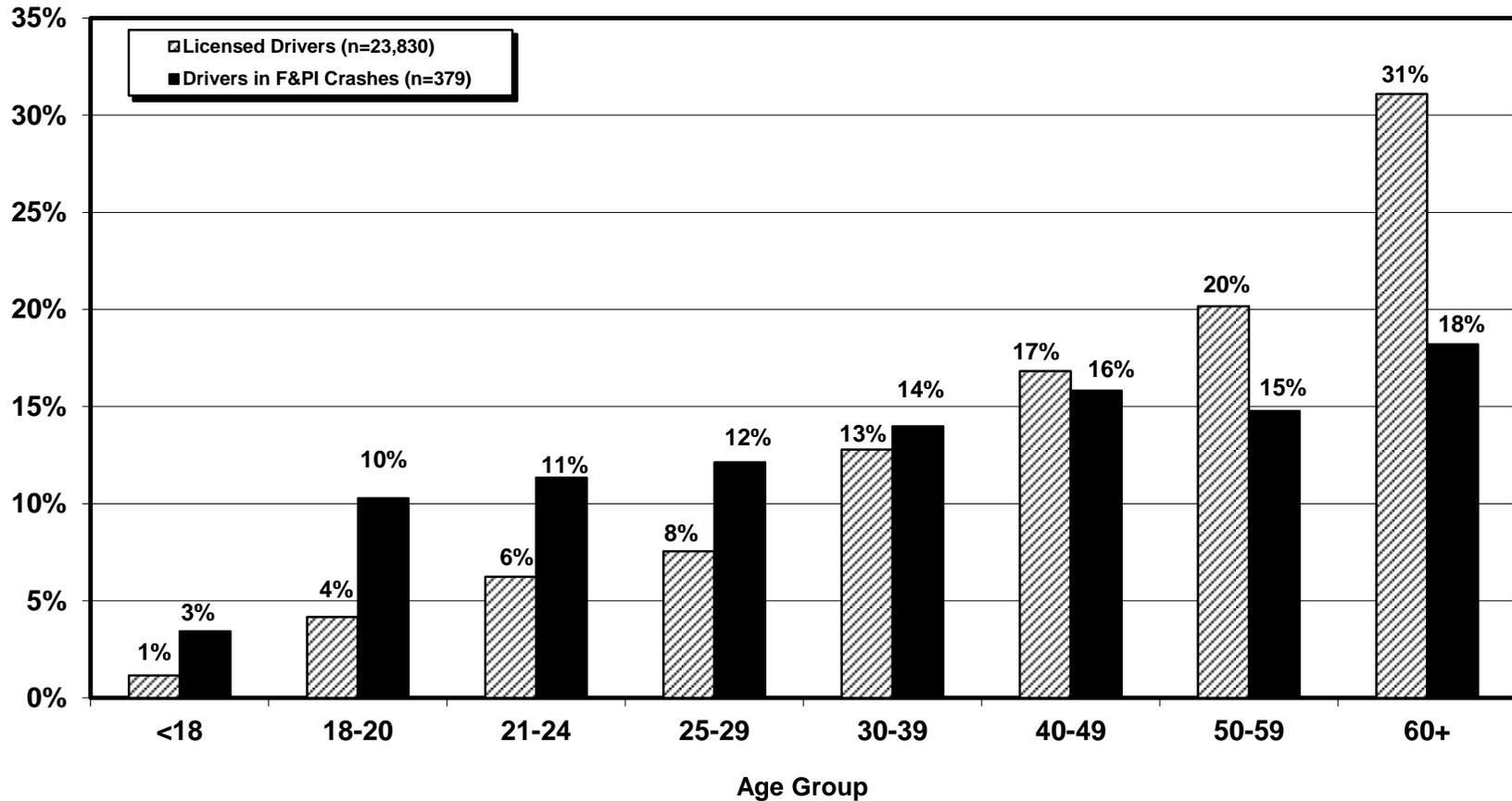
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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>334</b>	<b>100.0</b>	<b>18</b>	<b>389</b>	<b>100.0</b>	<b>15</b>
Under Age 4	1	0.3	0	5	1.3	0
Ages 4-6	3	0.9	0	3	0.8	0
Ages 7-15	21	6.3	6	18	4.6	3
Ages 16-17	19	5.7	2	18	4.6	1
Ages 18-20	41	12.3	0	37	9.5	3
Ages 21-29	67	20.1	2	82	21.1	1
Ages 30-39	46	13.8	2	48	12.3	4
Ages 40-49	39	11.7	3	60	15.4	1
Ages 50-59	43	12.9	3	50	12.9	1
Ages 60-69	31	9.3	0	36	9.3	0
Ages 70 and Over	22	6.6	0	29	7.5	1
Unknown Age	1	0.3	0	3	0.8	0

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>306</b>	<b>100.0</b>	<b>299</b>	<b>100.0</b>	<b>349</b>	<b>100.0</b>
No Restraint Used	22	7.2	21	7.0	19	5.4
Restraint Used	278	90.8	262	87.6	279	79.9
Unknown	6	2.0	16	5.4	51	14.6
<b>Motorcyclists</b>	<b>12</b>	<b>100.0</b>	<b>9</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>
No Helmet Used	1	8.3	2	22.2	1	7.1
Helmet Used	10	83.3	6	66.7	12	85.7
Unknown	1	8.3	1	11.1	1	7.1
<b>Bicyclists</b>	<b>1</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	1	100.0	2	40.0	1	33.3
Helmet Used	0	0.0	1	20.0	2	66.7
Unknown	0	0.0	2	40.0	0	0.0

**FIGURE 1**  
**Seneca 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. Five drivers in fatal and personal injury crashes were excluded due to unknown age.

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

**Seneca County**

**TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction**

Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2009			2010			2011			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
<b>Towns</b>															
Covert	1,579	4.5	73.7	9.9	21.4	10	0.1	11	8	0.1	10	9	0.1	13	
Fayette	2,868	8.2	113.4	15.2	25.3	28	0.2	47	29	0.3	34	28	0.2	44	
Junius	1,395	4.0	64.4	8.6	21.7	18	0.3	30	22	0.3	32	17	0.3	75	
Lodi	1,164	3.3	68.9	9.2	16.9	9	0.1	13	4	0.1	4	6	0.1	7	
Ovid	2,035	5.8	82.6	11.1	24.6	11	0.1	14	10	0.1	11	13	0.2	15	
Romulus	3,529	10.1	64.9	8.7	54.4	14	0.2	15	16	0.2	21	9	0.1	14	
Seneca Falls	2,512	7.2	43.4	5.8	57.9	30	0.7	40	26	0.6	39	22	0.5	29	
Tyre	926	2.6	65.3	8.8	14.2	26	0.4	35	30	0.5	46	42	0.6	62	
Varick	1,760	5.0	53.6	7.2	32.8	5	0.1	8	13	0.2	15	17	0.3	26	
Waterloo	3,637	10.4	49.5	6.6	73.5	38	0.8	51	31	0.6	48	32	0.6	46	
<b>Villages</b>															
Interlaken	676	1.9	3.1	0.4	218.1	0	na	na	0	na	na	0	na	na	
Lodi	339	1.0	3.4	0.5	99.7	2	0.6	3	2	0.6	2	0	na	na	
Ovid	615	1.8	3.7	0.5	166.2	0	na	na	4	1.1	5	3	0.8	3	
Seneca Falls	6,897	19.7	33.0	4.4	209.0	29	0.9	37	36	1.1	48	26	0.8	31	
Waterloo	5,142	14.7	22.6	3.0	227.5	22	1.0	28	16	0.7	19	19	0.8	24	
<b>Other</b>															
unknown	na	na	na	na	na	0	na	na	0	na	na	0	na	na	
<b>Seneca County Total</b>						<b>242</b>	<b>0.3</b>	<b>332</b>	<b>247</b>	<b>0.3</b>	<b>334</b>	<b>243</b>	<b>0.3</b>	<b>389</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  
Seneca 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>23</b>	<b>8,873</b>	<b>0.3</b>	<b>24</b>	<b>8,613</b>	<b>0.3</b>	<b>26</b>	<b>8,461</b>	<b>0.3</b>
Fatal Crashes	3	329	0.9	1	327	0.3	3	330	0.9
Non-Fatal Personal Injury Crashes	9	4,676	0.2	11	4,445	0.2	10	4,298	0.2
Reportable Property Damage Crashes	11	3,868	0.3	12	3,841	0.3	13	3,833	0.3
<b>Manner of Collision</b>									
Single Vehicle Crashes	16	4,843	0.3	16	4,798	0.3	18	4,646	0.4
Multiple Vehicle Crashes	7	4,030	0.2	8	3,815	0.2	8	3,815	0.2
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	0	432	0.0	0	408	0.0	0	460	0.0
A-R Bicycle/Motor Vehicle Crashes	0	118	0.0	0	100	0.0	0	105	0.0
A-R Motorcycle Crashes	1	191	0.5	2	227	0.9	0	204	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>3</b>	<b>361</b>	<b>0.8</b>	<b>1</b>	<b>354</b>	<b>0.3</b>	<b>3</b>	<b>362</b>	<b>0.8</b>
Drivers Killed	3	198	1.5	1	206	0.5	3	185	1.6
<i>Drinking Drivers</i>	3	175	1.7	1	191	0.5	3	170	1.8
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	0	64	0.0	0	64	0.0	0	73	0.0
Pedestrians Killed	0	91	0.0	0	79	0.0	0	91	0.0
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>15</b>	<b>6,810</b>	<b>0.2</b>	<b>15</b>	<b>6,337</b>	<b>0.2</b>	<b>11</b>	<b>6,121</b>	<b>0.2</b>
Drivers Injured	11	4,321	0.3	12	4,031	0.3	8	3,874	0.2
Passengers Injured	4	1,959	0.2	3	1,815	0.2	3	1,726	0.2
Pedestrians Injured	0	369	0.0	0	344	0.0	0	382	0.0
Bicyclists Injured	0	107	0.0	0	95	0.0	0	91	0.0
Other	0	54	0.0	0	52	0.0	0	48	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 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**  
**Seneca County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>26</b>	<b>10</b>	<b>0</b>	<b>7</b>	<b>9</b>	<b>0</b>
Sunday	2	2	0	0	0	0
Monday	3	0	0	2	1	0
Tuesday	2	0	0	1	1	0
Wednesday	3	1	0	1	1	0
Thursday	3	0	0	1	2	0
Friday	4	3	0	1	0	0
Saturday	9	4	0	1	4	0

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>28</b>	<b>100.0</b>	<b>29</b>	<b>100.0</b>	<b>32</b>	<b>100.0</b>
Male	18	64.3	20	69.0	23	71.9
<i>Drinking Drivers</i>	14	50.0	17	58.6	20	62.5
<i>Non-Drinking Drivers</i>	4	14.3	3	10.3	3	9.4
Female	10	35.7	8	27.6	9	28.1
<i>Drinking Drivers</i>	8	28.6	6	20.7	6	18.8
<i>Non-Drinking Drivers</i>	2	7.1	2	6.9	3	9.4
Unknown	0	0.0	1	3.4	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	1	3.4	0	0.0
<b>Drinking Drivers</b>	<b>22</b>	<b>100.0</b>	<b>23</b>	<b>100.0</b>	<b>26</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	4.5	2	8.7	2	7.7
Ages 21-29	6	27.3	8	34.8	9	34.6
Ages 30-39	4	18.2	4	17.4	3	11.5
Ages 40-49	8	36.4	2	8.7	5	19.2
Ages 50-59	3	13.6	3	13.0	6	23.1
Age 60 and Over	0	0.0	4	17.4	1	3.8
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Drinking Drivers</b>	<b>6</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	16.7	0	0.0	1	16.7
Ages 21-29	1	16.7	2	33.3	0	0.0
Ages 30-39	0	0.0	0	0.0	1	16.7
Ages 40-49	2	33.3	1	16.7	2	33.3
Ages 50-59	2	33.3	0	0.0	0	0.0
Age 60 and Over	0	0.0	2	33.3	2	33.3
Unknown Age	0	0.0	1	16.7	0	0.0

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

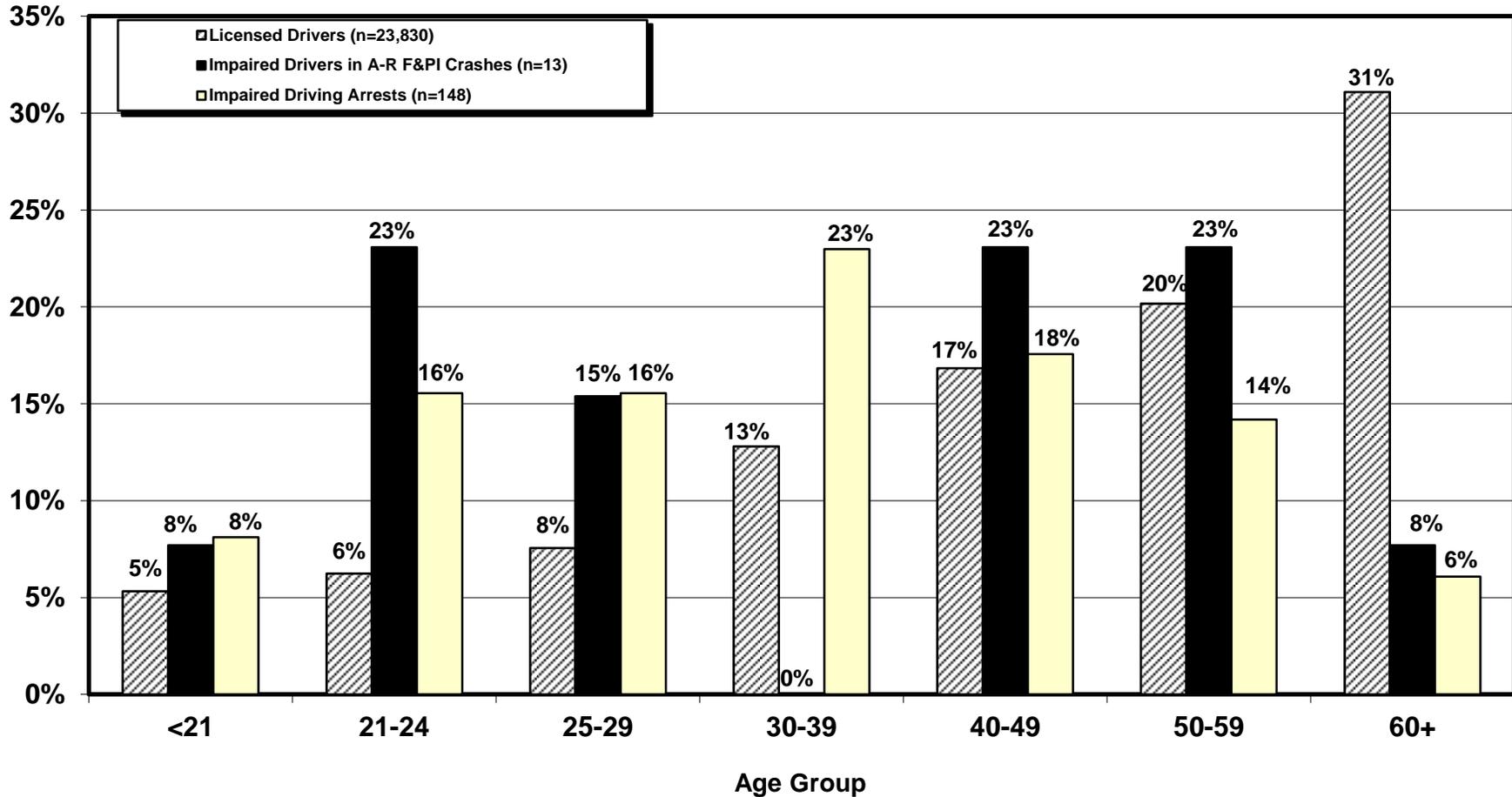
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>23</b>		<b>24</b>		<b>26</b>	
Driver Inattention/Distracted	4	17.4	0	0.0	2	7.7
Failure to Keep Right	0	0.0	1	4.2	5	19.2
Failure to Yield R.O.W.	1	4.3	0	0.0	1	3.8
Fell Asleep	1	4.3	1	4.2	0	0.0
Following Too Closely	1	4.3	1	4.2	1	3.8
Passing/Lane Violations	3	13.0	6	25.0	4	15.4
Traffic Control Disregarded	0	0.0	0	0.0	1	3.8
Unsafe Speed	8	34.8	11	45.8	7	26.9

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>16</b>	<b>100.0</b>	<b>0</b>	<b>14</b>	<b>100.0</b>	<b>0</b>
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	0	0.0	0	0	0.0	0
Ages 16-17	0	0.0	0	1	7.1	0
Ages 18-20	3	18.8	0	0	0.0	0
Ages 21-29	6	37.5	0	4	28.6	0
Ages 30-39	0	0.0	0	0	0.0	0
Ages 40-49	2	12.5	0	5	35.7	0
Ages 50-59	2	12.5	0	2	14.3	0
Ages 60-69	1	6.3	0	2	14.3	0
Ages 70 and Over	2	12.5	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>17</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>
No Restraint Used	4	23.5	2	14.3	5	35.7
Restraint Used	13	76.5	8	57.1	7	50.0
Unknown	0	0.0	4	28.6	2	14.3
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>
No Helmet Used	0	0.0	1	50.0	0	0.0
Helmet Used	1	100.0	1	50.0	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>0</b>	<b>0.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

**FIGURE 1**  
**Seneca County 2011**  
**Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested 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**

**Seneca 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>102</b>	<b>28,877</b>	<b>0.4</b>	<b>139</b>	<b>28,168</b>	<b>0.5</b>	<b>114</b>	<b>28,147</b>	<b>0.4</b>
Fatal Crashes	2	314	0.6	2	289	0.7	1	284	0.4
Non-Fatal Personal Injury Crashes	49	13,202	0.4	61	12,846	0.5	53	12,838	0.4
Reportable Property Damage Crashes	51	15,361	0.3	76	15,033	0.5	60	15,025	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	73	17,351	0.4	107	16,991	0.6	98	16,379	0.6
Multiple Vehicle Crashes	29	11,526	0.3	32	11,177	0.3	16	11,768	0.1
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	1	382	0.3	2	411	0.5	1	488	0.2
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	0	130	0.0	0	133	0.0
S-R Motorcycle Crashes	2	755	0.3	2	846	0.2	3	808	0.4
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>2</b>	<b>357</b>	<b>0.6</b>	<b>2</b>	<b>319</b>	<b>0.6</b>	<b>1</b>	<b>319</b>	<b>0.3</b>
Drivers Killed	2	237	0.8	2	231	0.9	1	211	0.5
<i>Speeding Drivers</i>	2	211	0.9	2	220	0.9	1	195	0.5
<i>Non-Speeding Drivers</i>	0	26	0.0	0	11	0.0	0	16	0.0
Passengers Killed	0	87	0.0	0	70	0.0	0	91	0.0
Pedestrians Killed	0	31	0.0	0	16	0.0	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>69</b>	<b>19,326</b>	<b>0.4</b>	<b>74</b>	<b>18,910</b>	<b>0.4</b>	<b>69</b>	<b>18,843</b>	<b>0.4</b>
Drivers Injured	42	12,890	0.3	53	12,556	0.4	48	12,382	0.4
Passengers Injured	26	5,853	0.4	19	5,723	0.3	18	5,730	0.3
Pedestrians Injured	1	386	0.3	2	422	0.5	3	514	0.6
Bicyclists Injured	0	121	0.0	0	128	0.0	0	130	0.0
Other	0	76	0.0	0	81	0.0	0	87	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 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**  
**Seneca County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>114</b>	<b>9</b>	<b>39</b>	<b>49</b>	<b>16</b>	<b>1</b>
Sunday	27	3	8	13	2	1
Monday	10	0	5	2	3	0
Tuesday	8	1	2	2	3	0
Wednesday	15	1	1	11	2	0
Thursday	8	1	3	3	1	0
Friday	18	1	11	6	0	0
Saturday	28	2	9	12	5	0

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>127</b>	<b>100.0</b>	<b>170</b>	<b>100.0</b>	<b>131</b>	<b>100.0</b>
Male	81	63.8	94	55.3	75	57.3
<i>Speeding Drivers</i>	66	52.0	79	46.5	67	51.1
<i>Non-Speeding Drivers</i>	15	11.8	15	8.8	8	6.1
Female	44	34.6	73	42.9	52	39.7
<i>Speeding Drivers</i>	34	26.8	59	34.7	46	35.1
<i>Non-Speeding Drivers</i>	10	7.9	14	8.2	6	4.6
Unknown	2	1.6	3	1.8	4	3.1
<i>Speeding Drivers</i>	1	0.8	1	0.6	1	0.8
<i>Non-Speeding Drivers</i>	1	0.8	2	1.2	3	2.3
<b>Speeding Drivers</b>	<b>101</b>	<b>100.0</b>	<b>139</b>	<b>100.0</b>	<b>114</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	34	33.7	42	30.2	28	24.6
Ages 21-29	22	21.8	39	28.1	33	28.9
Ages 30-39	16	15.8	21	15.1	17	14.9
Ages 40-49	10	9.9	15	10.8	14	12.3
Ages 50-59	7	6.9	13	9.4	14	12.3
Age 60 and Over	11	10.9	8	5.8	7	6.1
Unknown Age	1	1.0	1	0.7	1	0.9
<b>Non-Speeding Drivers</b>	<b>26</b>	<b>100.0</b>	<b>31</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	7.7	3	9.7	1	5.9
Ages 21-29	3	11.5	5	16.1	3	17.6
Ages 30-39	5	19.2	6	19.4	2	11.8
Ages 40-49	10	38.5	5	16.1	4	23.5
Ages 50-59	3	11.5	5	16.1	2	11.8
Age 60 and Over	2	7.7	5	16.1	2	11.8
Unknown Age	1	3.8	2	6.5	3	17.6

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>102</b>		<b>139</b>		<b>114</b>	
Alcohol Involvement	8	7.8	10	7.2	7	6.1
Driver Inattention/Distracted	5	4.9	5	3.6	5	4.4
Driver Inexperience	1	1.0	4	2.9	0	0.0
Failure to Keep Right	0	0.0	1	0.7	2	1.8
Failure to Yield R.O.W.	1	1.0	0	0.0	2	1.8
Following Too Closely	6	5.9	6	4.3	3	2.6
Passing/Lane Violations	9	8.8	15	10.8	6	5.3
Traffic Control Disregarded	3	2.9	3	2.2	2	1.8

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>76</b>	<b>100.0</b>	<b>2</b>	<b>70</b>	<b>100.0</b>	<b>3</b>
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	1	1.3	0	1	1.4	0
Ages 16-17	4	5.3	0	7	10.0	0
Ages 18-20	19	25.0	0	9	12.9	1
Ages 21-29	21	27.6	1	21	30.0	0
Ages 30-39	10	13.2	0	9	12.9	1
Ages 40-49	8	10.5	1	10	14.3	1
Ages 50-59	8	10.5	0	5	7.1	0
Ages 60-69	3	3.9	0	7	10.0	0
Ages 70 and Over	2	2.6	0	1	1.4	0
Unknown Age	0	0.0	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>68</b>	<b>100.0</b>	<b>72</b>	<b>100.0</b>	<b>63</b>	<b>100.0</b>
No Restraint Used	7	10.3	7	9.7	9	14.3
Restraint Used	59	86.8	57	79.2	53	84.1
Unknown	2	2.9	8	11.1	1	1.6
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>
No Helmet Used	0	0.0	1	50.0	0	0.0
Helmet Used	2	100.0	1	50.0	4	100.0
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>0</b>	<b>0.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

## **SECTION 4**

### **Motorcycle Crash Summary Report**

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

**Seneca 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>12</b>	<b>5,150</b>	<b>0.2</b>	<b>12</b>	<b>5,570</b>	<b>0.2</b>	<b>13</b>	<b>5,336</b>	<b>0.2</b>
Fatal Crashes	1	152	0.7	1	180	0.6	0	168	0.0
Non-Fatal Personal Injury Crashes	11	4,347	0.3	10	4,757	0.2	13	4,550	0.3
Reportable Property Damage Crashes	0	651	0.0	1	633	0.2	0	618	0.0
<b>Manner of Collision</b>									
Single Motorcycle Crashes	5	2,270	0.2	9	2,426	0.4	9	2,408	0.4
Multiple Vehicle Crashes	7	2,880	0.2	3	3,144	0.1	4	2,928	0.1
<b>Special Motorcycle Crash Series</b>									
Motorcycle/Pedestrian Crashes	0	63	0.0	0	79	0.0	0	64	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	0	28	0.0	0	27	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>155</b>	<b>0.6</b>	<b>1</b>	<b>185</b>	<b>0.5</b>	<b>0</b>	<b>171</b>	<b>0.0</b>
Drivers Killed	1	146	0.7	1	173	0.6	0	162	0.0
<i>Motorcycle Operators</i>	1	146	0.7	1	172	0.6	0	162	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	5	0.0	0	11	0.0	0	6	0.0
<i>Motorcycle Passengers</i>	0	5	0.0	0	11	0.0	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	0	3	0.0
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>12</b>	<b>5,042</b>	<b>0.2</b>	<b>10</b>	<b>5,468</b>	<b>0.2</b>	<b>15</b>	<b>5,180</b>	<b>0.3</b>
Drivers Injured	12	4,444	0.3	8	4,819	0.2	14	4,604	0.3
Passengers Injured	0	505	0.0	1	520	0.2	1	485	0.2
Pedestrians Injured	0	61	0.0	0	85	0.0	0	59	0.0
Bicyclists Injured	0	24	0.0	0	27	0.0	0	22	0.0
Other	0	8	0.0	1	17	5.9	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**

**Seneca 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>13</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>0</b>
Sunday	3	0	0	1	2	0
Monday	1	0	0	0	1	0
Tuesday	1	0	1	0	0	0
Wednesday	1	0	0	1	0	0
Thursday	1	0	0	1	0	0
Friday	1	0	0	1	0	0
Saturday	5	0	1	2	2	0

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>12</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>
Male	10	83.3	10	90.9	12	92.3
Female	2	16.7	1	9.1	1	7.7
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	16.7	2	18.2	1	7.7
Ages 21-29	2	16.7	0	0.0	5	38.5
Ages 30-39	1	8.3	3	27.3	1	7.7
Ages 40-49	4	33.3	2	18.2	5	38.5
Ages 50-59	1	8.3	4	36.4	0	0.0
Ages 60 and Over	2	16.7	0	0.0	1	7.7
Unknown Age	0	0.0	0	0.0	0	0.0

<b>TABLE 4(P) Select Crash Contributing Factors</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total MC Crashes</b>	<b>12</b>		<b>11</b>		<b>13</b>	
Alcohol Involvement	0	0.0	1	9.1	0	0.0
Driver Inattention/Distraction	2	16.7	0	0.0	1	7.7
Driver Inexperience	2	16.7	2	18.2	3	23.1
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	2	16.7	2	18.2	3	23.1
Following Too Closely	1	8.3	0	0.0	1	7.7
Passing/Lane Violations	2	16.7	2	18.2	2	15.4
Traffic Control Disregarded	0	0.0	0	0.0	1	7.7
Turning Improperly	0	0.0	0	0.0	0	0.0
Unsafe Speed	2	16.7	2	18.2	2	15.4

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

**New York State Department of Motor Vehicles  
Motorcycle Crashes  
Seneca 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>12</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>14</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	0	0.0	0	0.0
Ages 16-17	1	8.3	0	0.0	0	0.0
Ages 18-20	1	8.3	1	9.1	1	7.1
Ages 21-29	2	16.7	1	9.1	5	35.7
Ages 30-39	1	8.3	3	27.3	2	14.3
Ages 40-49	4	33.3	1	9.1	5	35.7
Ages 50-59	1	8.3	5	45.5	0	0.0
Ages 60-69	2	16.7	0	0.0	0	0.0
Ages 70 and Over	0	0.0	0	0.0	1	7.1
Unknown Age	0	0.0	0	0.0	0	0.0

<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>12</b>	<b>100.0</b>	<b>9</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>
No Helmet Used	1	8.3	2	22.2	1	7.1
Helmet Used	10	83.3	6	66.7	12	85.7
Unknown	1	8.3	1	11.1	1	7.1

<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>	1,122	0.4	2,591	0.4
<b>2008</b>	1,263	0.4	2,622	0.4
<b>2009</b>	1,287	0.4	2,667	0.4
<b>2010</b>	1,351	0.4	2,723	0.4
<b>2011</b>	1,376	0.4	2,760	0.4

## **SECTION 5**

### **Ticket Data**

## SENECA COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
<b>TOTAL TICKETS ISSUED</b>	<b>11,068</b>	<b>10,112</b>	<b>10,057</b>
<b>SPEED (V&amp;T 1180)</b>	<b>3,954</b>	<b>3,674</b>	<b>3,049</b>
% of total tickets	35.7%	36.3%	30.3%
% convicted on same charge (of adjudicated cases)	47.6%	50.3%	47.1%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>552</b>	<b>579</b>	<b>469</b>
% of total tickets	5.0%	5.7%	4.7%
% convicted on same charge (of adjudicated cases)	87.2%	89.6%	88.7%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	52	39	52
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	<b>366</b>	<b>292</b>	<b>268</b>
% of total tickets	3.3%	2.9%	2.7%
<b>Persons Arrested for Impaired Driving</b>	<b>(N=202)</b>	<b>(N=161)</b>	<b>(N=148)</b>
Case adjudicated	94.6%	93.8%	93.9%
Case pending	5.5%	6.2%	6.1%
<b>Adjudicated Cases*</b>	<b>(N=191)</b>	<b>(N=151)</b>	<b>(N=139)</b>
Convicted on original 1192 charge	67.5%	61.6%	61.2%
Convicted on other 1192 charge	29.3%	31.1%	35.3%
Convicted on non-1192 charge	0.0%	1.3%	0.7%
Dismissed/Acquitted/Convicted on charge associated with different event	3.1%	6.0%	2.9%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYS DMV TSLED ticket system.

## SENECA COUNTY

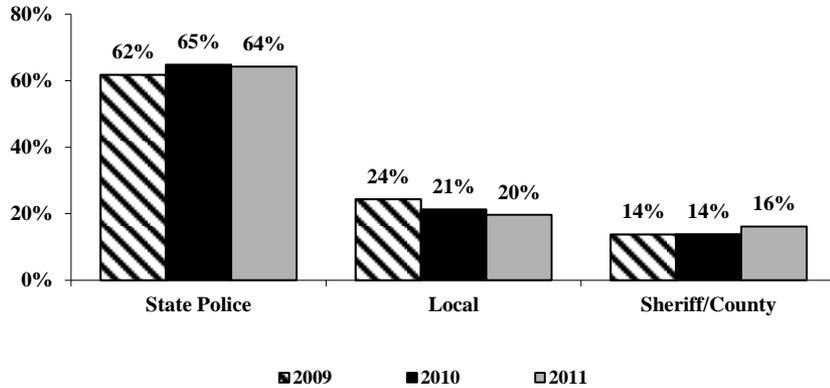
### Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
<b>Number of Persons Sentenced to Probation</b>	34	33	22
<b>Number of Persons on Probation</b>	105	102	88

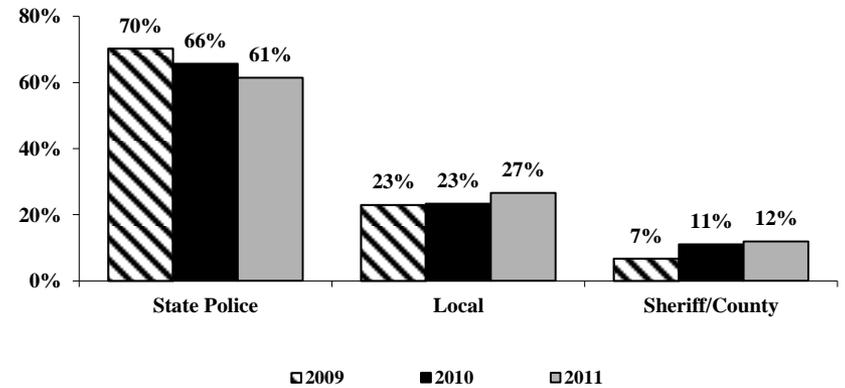
Source: NYS Division of Probation and Correctional Alternatives.

## Seneca County Tickets Issued by TSLED Agencies By Agency Type

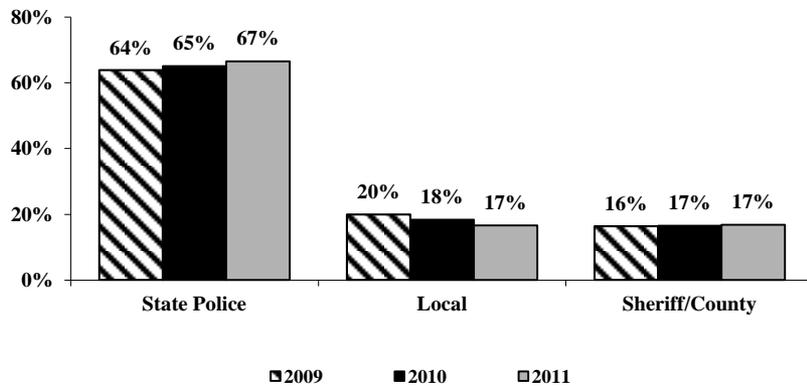
### All Tickets



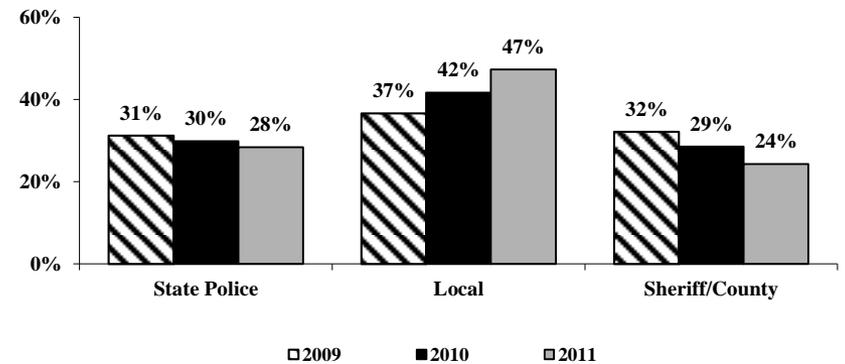
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



## SENECA COUNTY

### TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2009			2010			2011		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Seneca Sheriff NCIC 04900	alcohol	118	50.6	32.2	82	43.2	28.1	63	34.4	23.5
	speed	644	49.5	16.3	607	58.0	16.5	513	57.4	16.8
	seatbelt	37	29.1	6.7	64	49.2	11.1	56	40.3	11.9
Interlaken P.D. NCIC 04920	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	66	5.1	1.7	51	4.9	1.4	35	3.9	1.1
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Waterloo Village P.D. NCIC 04921	alcohol	40	17.2	10.9	33	17.4	11.3	19	10.4	7.1
	speed	504	38.7	12.7	308	29.4	8.4	249	27.9	8.2
	seatbelt	50	39.4	9.1	24	18.5	4.1	29	20.9	6.2
Seneca Falls P.D. NCIC 04923	alcohol	75	32.2	20.5	75	39.5	25.7	101	55.2	37.7
	speed	87	6.7	2.2	81	7.7	2.2	96	10.8	3.1
	seatbelt	40	31.5	7.2	42	32.3	7.3	54	38.8	11.5
<b>Totals by Agency Type</b>										
Sheriff and Local	alcohol	233		63.7	190		65.1	183		68.3
	speed	1,301		32.9	1,047		28.5	893		29.3
	seatbelt	127		23.0	130		22.5	139		29.6
State Police	alcohol	118		32.2	89		30.5	81		30.2
	speed	2,522		63.8	2,391		65.1	2,030		66.6
	seatbelt	388		70.3	380		65.6	288		61.4
Other <i>incl. Park Police/ Finger Lake Reg.</i>	alcohol	15		4.1	13		4.5	4		1.5
	speed	131		3.3	236		6.4	126		4.1
	seatbelt	37		6.7	69		11.9	42		9.0
<b>County Totals</b>										
	alcohol	<b>366</b>			<b>292</b>			<b>268</b>		
	speed	<b>3,954</b>			<b>3,674</b>			<b>3,049</b>		
	seatbelt	<b>552</b>			<b>579</b>			<b>469</b>		

Source: NYS DMV

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