

# **TIOGA 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 2011-2013. Four summary reports provide detailed crash data for the three years 2011-2013. 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**  
**Tioga County**

**TABLE 1 Crash Summary Totals**

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Crashes</b>	<b>868</b>	<b>307,550</b>	<b>0.3</b>	<b>756</b>	<b>294,757</b>	<b>0.3</b>	<b>799</b>	<b>304,804</b>	<b>0.3</b>
Fatal Crashes	8	1,077	0.7	8	1,082	0.7	1	1,109	0.1
Non-Fatal Personal Injury Crashes	220	128,036	0.2	196	123,296	0.2	202	124,505	0.2
Reportable Property Damage Crashes	640	178,437	0.4	552	170,379	0.3	596	179,190	0.3
<b>Manner of Collision</b>									
Single Vehicle Crashes	577	98,836	0.6	494	97,456	0.5	549	101,607	0.5
Multiple Vehicle Crashes	291	208,714	0.1	262	197,301	0.1	250	203,197	0.1
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	9	15,928	0.1	8	15,832	0.1	8	16,432	<0.1
Bicycle/Motor Vehicle Crashes	3	6,076	<0.1	5	6,137	0.1	3	6,328	<0.1
Motorcycle Crashes	20	5,336	0.4	14	5,916	0.2	10	5,190	0.2
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>9</b>	<b>1,153</b>	<b>0.8</b>	<b>9</b>	<b>1,163</b>	<b>0.8</b>	<b>1</b>	<b>1,188</b>	<b>0.1</b>
Drivers Killed	6	597	1.0	4	612	0.7	0	625	0.0
Passengers Killed	2	203	1.0	1	194	0.5	0	178	0.0
Pedestrians Killed	1	296	0.3	2	312	0.6	1	344	0.3
Bicyclists Killed	0	57	0.0	2	45	4.4	0	40	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>303</b>	<b>177,445</b>	<b>0.2</b>	<b>256</b>	<b>169,206</b>	<b>0.2</b>	<b>261</b>	<b>169,177</b>	<b>0.2</b>
Drivers Injured	212	106,335	0.2	180	101,605	0.2	187	101,317	0.2
Passengers Injured	80	48,677	0.2	66	45,532	0.1	63	45,003	0.1
Pedestrians Injured	8	15,689	0.1	7	15,607	<0.1	8	16,278	<0.1
Bicyclists Injured	3	5,883	0.1	3	5,929	0.1	3	6,140	<0.1
Other	0	861	0.0	0	533	0.0	0	439	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  
Tioga County**

<b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b>			
	<b>2011</b>	<b>2012</b>	<b>2013</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	170.05	149.77	159.03
Crash Rate per 10,000 Licensed Drivers	230.13	201.17	211.34
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	61.12	52.50	52.15
Fatality & Injury Rate per 10,000 Licensed Drivers	82.72	70.52	69.30

<b>TABLE 2 Day of Week/Time of Day: 2013</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>799</b>	<b>102</b>	<b>255</b>	<b>233</b>	<b>184</b>	<b>25</b>
Sunday	108	24	25	31	25	3
Monday	119	4	46	39	25	5
Tuesday	128	15	42	38	30	3
Wednesday	105	12	37	30	23	3
Thursday	111	15	34	32	29	1
Friday	121	15	34	35	31	6
Saturday	107	17	37	28	21	4

<b>TABLE 3(P) Police Investigating Agency</b>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total</b>	<b>738</b>	<b>100.0</b>	<b>677</b>	<b>100.0</b>	<b>708</b>	<b>100.0</b>
State Police	242	32.8	209	30.9	216	30.5
County Police	370	50.1	359	53.0	365	51.6
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	126	17.1	109	16.1	127	17.9
Unknown	0	0.0	0	0.0	0	0.0

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

**Tioga County**

<b>TABLE 4 Jurisdictional Road System</b>						
	2011		2012		2013	
<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>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>1,115</b>	<b>100.0</b>	<b>976</b>	<b>100.0</b>	<b>1,005</b>	<b>100.0</b>
Male	646	57.9	565	57.9	560	55.7
Female	440	39.5	393	40.3	425	42.3
Unknown	29	2.6	18	1.8	20	2.0
<b>Age</b>						
Under Age 16	0	0.0	0	0.0	2	0.2
Ages 16-20	125	11.2	127	13.0	120	11.9
Ages 21-29	232	20.8	181	18.5	207	20.6
Ages 30-39	155	13.9	152	15.6	160	15.9
Ages 40-49	179	16.1	149	15.3	152	15.1
Ages 50-59	183	16.4	153	15.7	172	17.1
Ages 60-69	111	10.0	113	11.6	94	9.4
Ages 70 and Over	100	9.0	82	8.4	78	7.8
Unknown Age	30	2.7	19	1.9	20	2.0

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

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>738</b>		<b>677</b>		<b>708</b>	
Alcohol Involvement*	36	4.9	30	4.4	29	4.1
Backing Unsafely	19	2.6	31	4.6	32	4.5
Driver Inattention/Distraction	57	7.7	74	10.9	72	10.2
Driver Inexperience	11	1.5	18	2.7	16	2.3
Failure to Keep Right	32	4.3	29	4.3	39	5.5
Failure to Yield R.O.W.	67	9.1	64	9.5	56	7.9
Following Too Closely	74	10.0	54	8.0	53	7.5
Passing/Lane Violations	75	10.2	60	8.9	67	9.5
Traffic Control Disregarded	14	1.9	15	2.2	14	2.0
Turning Improperly	15	2.0	14	2.1	15	2.1
Unsafe Speed*	125	16.9	95	14.0	113	16.0

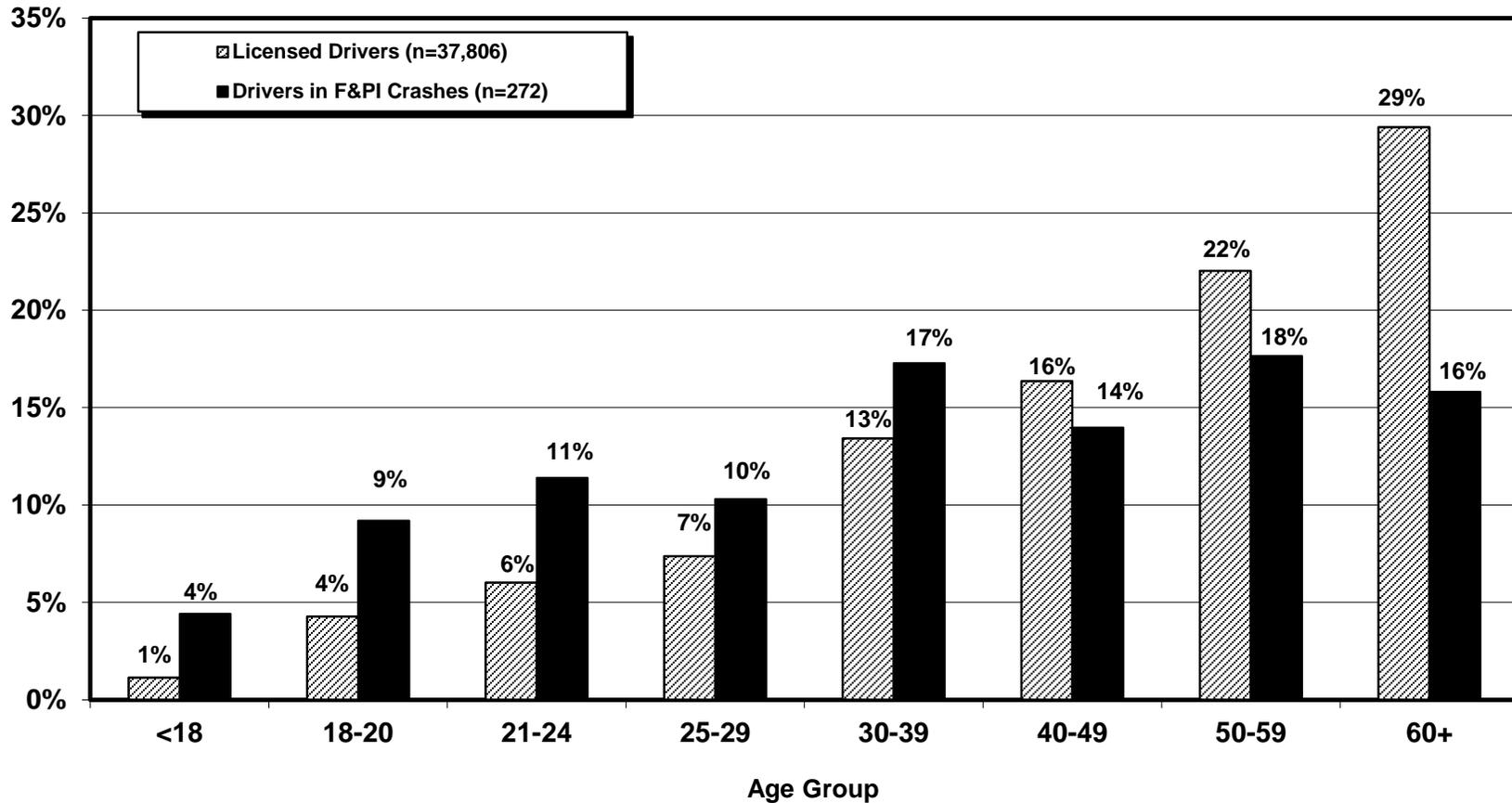
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>265</b>	<b>100.0</b>	<b>14</b>	<b>262</b>	<b>100.0</b>	<b>12</b>
Under Age 4	5	1.9	0	1	0.4	0
Ages 4-6	7	2.6	1	1	0.4	0
Ages 7-15	13	4.9	1	16	6.1	3
Ages 16-17	15	5.7	0	15	5.7	0
Ages 18-20	22	8.3	1	24	9.2	0
Ages 21-29	52	19.6	0	60	22.9	2
Ages 30-39	34	12.8	3	34	13.0	1
Ages 40-49	34	12.8	2	39	14.9	4
Ages 50-59	36	13.6	3	36	13.7	1
Ages 60-69	25	9.4	1	22	8.4	1
Ages 70 and Over	20	7.5	1	12	4.6	0
Unknown Age	2	0.8	1	2	0.8	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>274</b>	<b>100.0</b>	<b>238</b>	<b>100.0</b>	<b>236</b>	<b>100.0</b>
No Restraint Used	41	15.0	26	10.9	24	10.2
Restraint Used	227	82.8	206	86.6	207	87.7
Unknown	6	2.2	6	2.5	5	2.1
<b>Motorcyclists</b>	<b>18</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
No Helmet Used	4	22.2	0	0.0	0	0.0
Helmet Used	14	77.8	11	100.0	8	100.0
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>3</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	2	66.7	3	60.0	2	66.7
Helmet Used	0	0.0	1	20.0	1	33.3
Unknown	1	33.3	1	20.0	0	0.0

**FIGURE 1**  
**Tioga County 2013**  
**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. Three driver in a fatal or personal injury crashes was excluded due to unknown age.

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

**Tioga County**

<b>TABLE 9 Fatal &amp; Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities &amp; Injuries by County Jurisdiction</b>															
Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2011			2012			2013			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
<b>Towns</b>	<b>Barton</b>	4,555	8.8	139.7	12.5	32.6	21	0.2	28	17	0.1	29	16	0.1	24
	<b>Berkshire</b>	1,375	2.7	55.4	4.9	24.8	9	0.2	11	5	0.1	6	5	0.1	9
	<b>Candor</b>	4,416	8.6	163.6	14.6	27.0	22	0.1	31	14	0.1	15	15	0.1	18
	<b>Newark Valley</b>	3,090	6.0	82.9	7.4	37.3	8	0.1	10	15	0.2	17	10	0.1	17
	<b>Nichols</b>	2,023	3.9	80.5	7.2	25.1	17	0.2	22	12	0.1	16	22	0.3	28
	<b>Owego</b>	16,369	31.8	253.1	22.6	64.7	73	0.3	103	63	0.2	82	60	0.2	68
	<b>Richford</b>	1,172	2.3	64.9	5.8	18.1	8	0.1	12	16	0.2	23	10	0.2	13
	<b>Spencer</b>	2,266	4.4	83.1	7.4	27.3	12	0.1	18	6	0.1	9	10	0.1	11
	<b>Tioga</b>	4,791	9.3	127.7	11.4	37.5	13	0.1	15	22	0.2	27	15	0.1	23
<b>Villages</b>	<b>Candor</b>	835	1.6	4.9	0.4	170.4	1	0.2	1	0	na	na	4	0.8	6
	<b>Newark Valley</b>	1,044	2.0	5.5	0.5	189.8	1	0.2	2	4	0.7	6	3	0.5	3
	<b>Nichols</b>	557	1.1	4.0	0.4	139.3	2	0.5	2	0	na	na	1	0.3	1
	<b>Owego</b>	3,811	7.4	22.7	2.0	167.9	26	1.1	38	14	0.6	15	19	0.8	27
	<b>Spencer</b>	713	1.4	9.0	0.8	79.2	2	0.2	2	1	0.1	1	3	0.3	3
	<b>Waverly</b>	4,518	8.8	24.2	2.2	186.7	12	0.5	16	13	0.5	17	9	0.4	11
<b>Other</b>	<b>unknown</b>	na	na	na	na	na	1	na	1	2	na	2	1	na	1
<b>Tioga County Total</b>		<b>51,535</b>		<b>1121.1</b>		<b>46.0</b>	<b>228</b>	<b>0.2</b>	<b>312</b>	<b>204</b>	<b>0.2</b>	<b>265</b>	<b>203</b>	<b>0.2</b>	<b>262</b>
<b>New York State</b>		<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</b>	<b>129,113</b>	<b>1.1</b>	<b>178,598</b>	<b>124,378</b>	<b>1.1</b>	<b>170,369</b>	<b>125,614</b>	<b>1.1</b>	<b>170,365</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**

**Tioga County**

<b>TABLE 1(P) Alcohol-Related (A-R) Crashes</b>									
<b>Category Totals</b>	<b>2011</b>			<b>2012</b>			<b>2013</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>39</b>	<b>8,461</b>	<b>0.5</b>	<b>33</b>	<b>8,633</b>	<b>0.4</b>	<b>30</b>	<b>8,368</b>	<b>0.4</b>
Fatal Crashes	4	330	1.2	3	325	0.9	0	358	0.0
Non-Fatal Personal Injury Crashes	17	4,298	0.4	19	4,471	0.4	15	4,248	0.4
Reportable Property Damage Crashes	18	3,833	0.5	11	3,837	0.3	15	3,762	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	26	4,646	0.6	26	4,725	0.6	23	4,690	0.5
Multiple Vehicle Crashes	13	3,815	0.3	7	3,908	0.2	7	3,678	0.2
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	0	460	0.0	2	495	0.4	1	495	0.2
A-R Bicycle/Motor Vehicle Crashes	0	105	0.0	0	118	0.0	0	127	0.0
A-R Motorcycle Crashes	1	204	0.5	1	215	0.5	1	182	0.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>5</b>	<b>362</b>	<b>1.4</b>	<b>4</b>	<b>358</b>	<b>1.1</b>	<b>0</b>	<b>387</b>	<b>0.0</b>
Drivers Killed	4	185	2.2	1	188	0.5	0	214	0.0
<i>Drinking Drivers</i>	3	170	1.8	1	171	0.6	0	201	0.0
<i>Non-Drinking Drivers</i>	1	15	6.7	0	17	0.0	0	13	0.0
Passengers Killed	1	73	1.4	1	62	1.6	0	62	0.0
Pedestrians Killed	0	91	0.0	2	99	2.0	0	98	0.0
Bicyclists Killed	0	13	0.0	0	9	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>22</b>	<b>6,121</b>	<b>0.4</b>	<b>24</b>	<b>6,303</b>	<b>0.4</b>	<b>15</b>	<b>6,019</b>	<b>0.2</b>
Drivers Injured	18	3,874	0.5	19	4,011	0.5	10	3,754	0.3
Passengers Injured	4	1,726	0.2	5	1,741	0.3	4	1,729	0.2
Pedestrians Injured	0	382	0.0	0	404	0.0	1	400	0.3
Bicyclists Injured	0	91	0.0	0	105	0.0	0	110	0.0
Other	0	48	0.0	0	42	0.0	0	26	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**  
**Tioga County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>30</b>	<b>11</b>	<b>1</b>	<b>5</b>	<b>13</b>	<b>0</b>
Sunday	5	4	0	0	1	0
Monday	1	0	0	0	1	0
Tuesday	2	2	0	0	0	0
Wednesday	1	0	0	0	1	0
Thursday	6	1	1	2	2	0
Friday	10	2	0	3	5	0
Saturday	5	2	0	0	3	0

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>45</b>	<b>100.0</b>	<b>37</b>	<b>100.0</b>	<b>35</b>	<b>100.0</b>
Male	28	62.2	29	78.4	26	74.3
<i>Drinking Drivers</i>	25	55.6	25	67.6	22	62.9
<i>Non-Drinking Drivers</i>	3	6.7	4	10.8	4	11.4
Female	17	37.8	8	21.6	9	25.7
<i>Drinking Drivers</i>	13	28.9	6	16.2	8	22.9
<i>Non-Drinking Drivers</i>	4	8.9	2	5.4	1	2.9
Unknown	0	0.0	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<b>Drinking Drivers</b>	<b>38</b>	<b>100.0</b>	<b>31</b>	<b>100.0</b>	<b>30</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	5.3	3	9.7	1	3.3
Ages 21-29	14	36.8	10	32.3	9	30.0
Ages 30-39	7	18.4	5	16.1	10	33.3
Ages 40-49	8	21.1	7	22.6	5	16.7
Ages 50-59	3	7.9	6	19.4	4	13.3
Age 60 and Over	4	10.5	0	0.0	1	3.3
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Drinking Drivers</b>	<b>7</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	0	0.0	1	20.0
Ages 21-29	2	28.6	0	0.0	1	20.0
Ages 30-39	0	0.0	1	16.7	1	20.0
Ages 40-49	1	14.3	2	33.3	2	40.0
Ages 50-59	1	14.3	2	33.3	0	0.0
Age 60 and Over	3	42.9	1	16.7	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

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

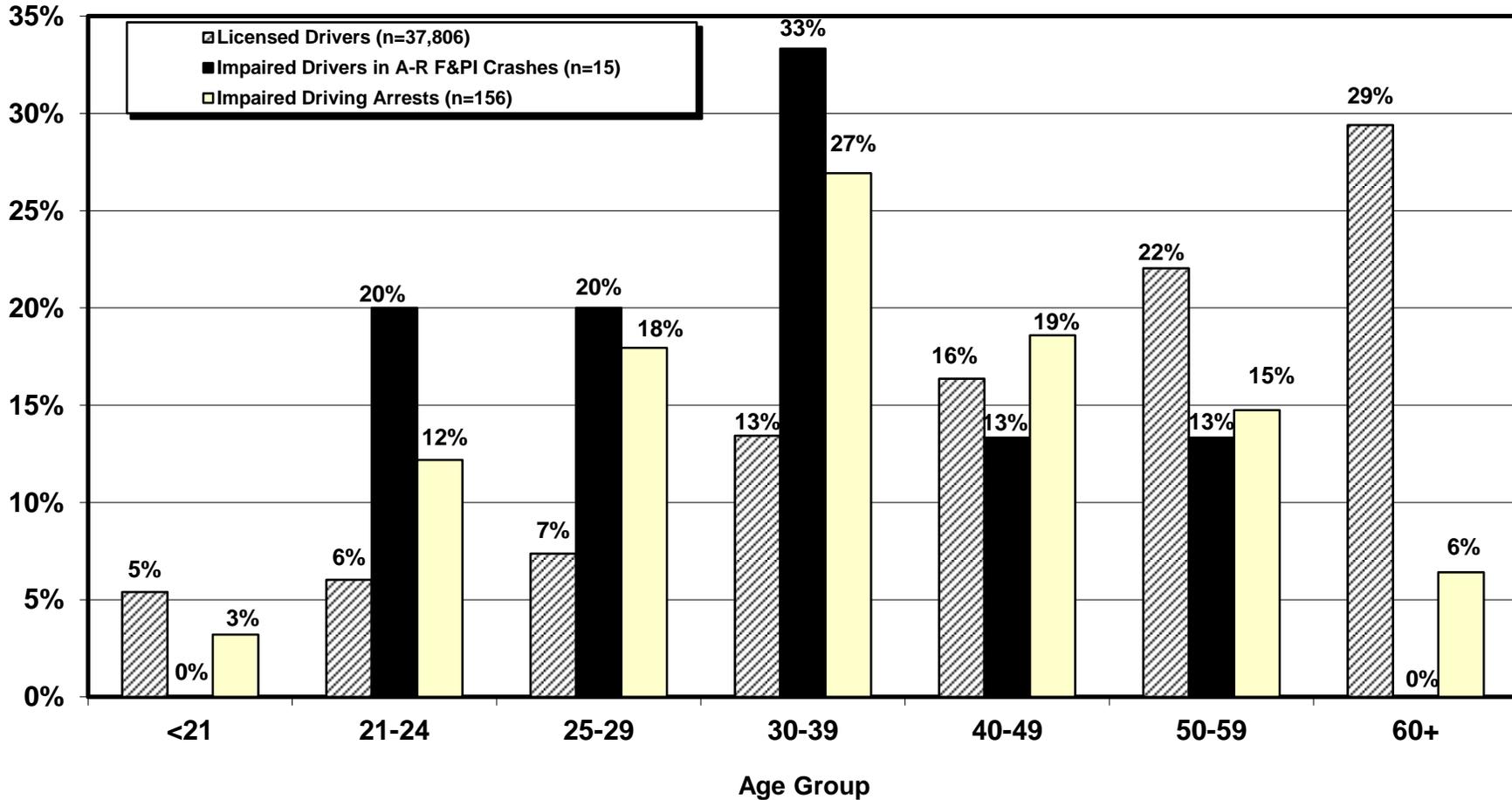
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>39</b>		<b>33</b>		<b>30</b>	
Driver Inattention/Distracted	1	2.6	1	3.0	4	13.3
Failure to Keep Right	10	25.6	4	12.1	4	13.3
Failure to Yield R.O.W.	2	5.1	3	9.1	0	0.0
Fell Asleep	4	10.3	0	0.0	3	10.0
Following Too Closely	0	0.0	0	0.0	1	3.3
Passing/Lane Violations	7	17.9	6	18.2	9	30.0
Traffic Control Disregarded	0	0.0	1	3.0	2	6.7
Unsafe Speed	6	15.4	11	33.3	3	10.0

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>28</b>	<b>100.0</b>	<b>2</b>	<b>15</b>	<b>100.0</b>	<b>1</b>
Under Age 4	1	3.6	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	1	3.6	0	0	0.0	0
Ages 18-20	3	10.7	0	0	0.0	0
Ages 21-29	6	21.4	0	7	46.7	0
Ages 30-39	5	17.9	0	2	13.3	0
Ages 40-49	2	7.1	0	5	33.3	1
Ages 50-59	7	25.0	1	1	6.7	0
Ages 60-69	1	3.6	0	0	0.0	0
Ages 70 and Over	1	3.6	1	0	0.0	0
Unknown Age	1	3.6	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>26</b>	<b>100.0</b>	<b>25</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>
No Restraint Used	12	46.2	1	4.0	4	30.8
Restraint Used	12	46.2	20	80.0	9	69.2
Unknown	2	7.7	4	16.0	0	0.0
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	1	100.0	1	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

**FIGURE 1**  
**Tioga County 2013**  
**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**

**Tioga County**

<b>TABLE 1(P) Speed-Related (S-R) Crashes</b>									
<b>Category Totals</b>	<b>2011</b>			<b>2012</b>			<b>2013</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>129</b>	<b>28,147</b>	<b>0.5</b>	<b>97</b>	<b>26,630</b>	<b>0.4</b>	<b>119</b>	<b>29,178</b>	<b>0.4</b>
Fatal Crashes	2	284	0.7	1	310	0.3	0	318	0.0
Non-Fatal Personal Injury Crashes	45	12,838	0.4	36	12,216	0.3	48	12,977	0.4
Reportable Property Damage Crashes	82	15,025	0.5	60	14,104	0.4	71	15,883	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	112	16,379	0.7	79	15,812	0.5	101	17,164	0.6
Multiple Vehicle Crashes	17	11,768	0.1	18	10,818	0.2	18	12,014	0.1
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	1	488	0.2	0	465	0.0	0	453	0.0
S-R Bicycle/Motor Vehicle Crashes	0	133	0.0	0	113	0.0	0	161	0.0
S-R Motorcycle Crashes	2	808	0.2	3	876	0.3	1	791	0.1
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>2</b>	<b>319</b>	<b>0.6</b>	<b>1</b>	<b>348</b>	<b>0.3</b>	<b>0</b>	<b>352</b>	<b>0.0</b>
Drivers Killed	1	211	0.5	1	242	0.4	0	250	0.0
<i>Speeding Drivers</i>	1	195	0.5	1	215	0.5	0	237	0.0
<i>Non-Speeding Drivers</i>	0	16	0.0	0	27	0.0	0	13	0.0
Passengers Killed	1	91	1.1	0	77	0.0	0	79	0.0
Pedestrians Killed	0	17	0.0	0	27	0.0	0	23	0.0
Bicyclists Killed	0	0	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>57</b>	<b>18,843</b>	<b>0.3</b>	<b>52</b>	<b>17,999</b>	<b>0.3</b>	<b>62</b>	<b>18,944</b>	<b>0.3</b>
Drivers Injured	43	12,382	0.3	36	11,899	0.3	49	12,623	0.4
Passengers Injured	13	5,730	0.2	16	5,480	0.3	13	5,656	0.2
Pedestrians Injured	1	514	0.2	0	462	0.0	0	463	0.0
Bicyclists Injured	0	130	0.0	0	114	0.0	0	160	0.0
Other	0	87	0.0	0	44	0.0	0	42	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**  
**Tioga County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>119</b>	<b>22</b>	<b>40</b>	<b>38</b>	<b>19</b>	<b>0</b>
Sunday	14	7	4	1	2	0
Monday	23	0	8	11	4	0
Tuesday	20	2	8	8	2	0
Wednesday	9	1	3	1	4	0
Thursday	13	2	6	3	2	0
Friday	20	5	6	6	3	0
Saturday	20	5	5	8	2	0

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>141</b>	<b>100.0</b>	<b>112</b>	<b>100.0</b>	<b>133</b>	<b>100.0</b>
Male	81	57.4	82	73.2	73	54.9
<i>Speeding Drivers</i>	74	52.5	71	63.4	68	51.1
<i>Non-Speeding Drivers</i>	7	5.0	11	9.8	5	3.8
Female	58	41.1	30	26.8	60	45.1
<i>Speeding Drivers</i>	55	39.0	25	22.3	51	38.3
<i>Non-Speeding Drivers</i>	3	2.1	5	4.5	9	6.8
Unknown	2	1.4	0	0.0	0	0.0
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	2	1.4	0	0.0	0	0.0
<b>Speeding Drivers</b>	<b>129</b>	<b>100.0</b>	<b>96</b>	<b>100.0</b>	<b>119</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	28	21.7	22	22.9	34	28.6
Ages 21-29	41	31.8	33	34.4	35	29.4
Ages 30-39	21	16.3	12	12.5	22	18.5
Ages 40-49	15	11.6	10	10.4	13	10.9
Ages 50-59	10	7.8	10	10.4	8	6.7
Age 60 and Over	14	10.9	9	9.4	7	5.9
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Speeding Drivers</b>	<b>12</b>	<b>100.0</b>	<b>16</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	16.7	1	6.3	1	7.1
Ages 21-29	1	8.3	6	37.5	4	28.6
Ages 30-39	1	8.3	0	0.0	2	14.3
Ages 40-49	1	8.3	2	12.5	2	14.3
Ages 50-59	2	16.7	4	25.0	3	21.4
Age 60 and Over	3	25.0	3	18.8	2	14.3
Unknown Age	2	16.7	0	0.0	0	0.0

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

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>129</b>		<b>97</b>		<b>119</b>	
Alcohol Involvement	8	6.2	11	11.3	7	5.9
Driver Inattention/Distraction	2	1.6	0	0.0	2	1.7
Driver Inexperience	2	1.6	5	5.2	5	4.2
Failure to Keep Right	4	3.1	4	4.1	5	4.2
Failure to Yield R.O.W.	0	0.0	0	0.0	0	0.0
Following Too Closely	4	3.1	5	5.2	4	3.4
Passing/Lane Violations	7	5.4	10	10.3	13	10.9
Traffic Control Disregarded	1	0.8	3	3.1	1	0.8

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>53</b>	<b>100.0</b>	<b>0</b>	<b>62</b>	<b>100.0</b>	<b>0</b>
Under Age 4	1	1.9	0	1	1.6	0
Ages 4-6	1	1.9	0	0	0.0	0
Ages 7-15	2	3.8	0	3	4.8	0
Ages 16-17	7	13.2	0	4	6.5	0
Ages 18-20	6	11.3	0	7	11.3	0
Ages 21-29	21	39.6	0	20	32.3	0
Ages 30-39	6	11.3	0	12	19.4	0
Ages 40-49	3	5.7	0	9	14.5	0
Ages 50-59	4	7.5	0	3	4.8	0
Ages 60-69	1	1.9	0	3	4.8	0
Ages 70 and Over	1	1.9	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>56</b>	<b>100.0</b>	<b>50</b>	<b>100.0</b>	<b>61</b>	<b>100.0</b>
No Restraint Used	13	23.2	8	16.0	8	13.1
Restraint Used	42	75.0	39	78.0	52	85.2
Unknown	1	1.8	3	6.0	1	1.6
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	3	100.0	1	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**

**Tioga County**

**TABLE 1 Crash Summary Totals**

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Motorcycle Crashes</b>	<b>20</b>	<b>5,336</b>	<b>0.4</b>	<b>14</b>	<b>5,916</b>	<b>0.2</b>	<b>10</b>	<b>5,190</b>	<b>0.2</b>
Fatal Crashes	2	168	1.2	0	164	0.0	0	164	0.0
Non-Fatal Personal Injury Crashes	15	4,550	0.3	12	5,052	0.2	9	4,387	0.2
Reportable Property Damage Crashes	3	618	0.5	2	700	0.3	1	639	0.2
<b>Manner of Collision</b>									
Single Motorcycle Crashes	13	2,408	0.5	8	2,564	0.3	7	2,207	0.3
Multiple Vehicle Crashes	7	2,928	0.2	6	3,352	0.2	3	2,983	0.1
<b>Special Motorcycle Crash Series</b>									
Motorcycle/Pedestrian Crashes	0	64	0.0	0	89	0.0	0	105	0.0
Motorcycle/Bicycle Crashes	1	27	3.7	0	38	0.0	1	36	2.8
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>2</b>	<b>171</b>	<b>1.2</b>	<b>0</b>	<b>173</b>	<b>0.0</b>	<b>0</b>	<b>171</b>	<b>0.0</b>
Drivers Killed	2	162	1.2	0	155	0.0	0	157	0.0
<i>Motorcycle Operators</i>	2	162	1.2	0	154	0.0	0	157	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	6	0.0	0	11	0.0	0	9	0.0
<i>Motorcycle Passengers</i>	0	6	0.0	0	10	0.0	0	8	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	6	0.0	0	5	0.0
Bicyclists Killed	0	0	0.0	0	1	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>18</b>	<b>5,180</b>	<b>0.3</b>	<b>11</b>	<b>5,820</b>	<b>0.2</b>	<b>9</b>	<b>5,017</b>	<b>0.2</b>
Drivers Injured	16	4,604	0.3	11	5,129	0.2	8	4,434	0.2
Passengers Injured	1	485	0.2	0	562	0.0	0	456	0.0
Pedestrians Injured	0	59	0.0	0	88	0.0	0	96	0.0
Bicyclists Injured	1	22	4.5	0	31	0.0	1	29	3.4
Other	0	10	0.0	0	10	0.0	0	2	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**

**Tioga County**

<b>TABLE 2 Day of Week/Time of Day: 2013</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>10</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>0</b>
Sunday	2	0	1	0	1	0
Monday	0	0	0	0	0	0
Tuesday	0	0	0	0	0	0
Wednesday	0	0	0	0	0	0
Thursday	3	0	1	2	0	0
Friday	2	0	1	1	0	0
Saturday	3	0	1	0	2	0

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>20</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>
Male	18	90.0	13	92.9	10	100.0
Female	2	10.0	1	7.1	0	0.0
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	0	0.0	0	0.0	2	20.0
Ages 21-29	5	25.0	1	7.1	2	20.0
Ages 30-39	3	15.0	3	21.4	1	10.0
Ages 40-49	5	25.0	2	14.3	3	30.0
Ages 50-59	3	15.0	3	21.4	2	20.0
Ages 60 and Over	4	20.0	4	28.6	0	0.0
Unknown Age	0	0.0	1	7.1	0	0.0

<b>TABLE 4(P) Select Crash Contributing Factors</b>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total MC Crashes</b>	<b>19</b>		<b>13</b>		<b>10</b>	
Alcohol Involvement	1	5.3	1	7.7	1	10.0
Driver Inattention/Distraction	3	15.8	1	7.7	1	10.0
Driver Inexperience	1	5.3	1	7.7	0	0.0
Failure to Keep Right	4	21.1	1	7.7	0	0.0
Failure to Yield R.O.W.	3	15.8	4	30.8	3	30.0
Following Too Closely	2	10.5	1	7.7	0	0.0
Passing/Lane Violations	1	5.3	0	0.0	1	10.0
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	0	0.0	0	0.0	0	0.0
Unsafe Speed	2	10.5	3	23.1	0	0.0

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

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

**Tioga County**

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2011</b>		<b>2012</b>		<b>2013</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>18</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</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	0	0.0	0	0.0	0	0.0
Ages 18-20	0	0.0	0	0.0	1	12.5
Ages 21-29	6	33.3	1	9.1	2	25.0
Ages 30-39	2	11.1	3	27.3	1	12.5
Ages 40-49	4	22.2	2	18.2	2	25.0
Ages 50-59	2	11.1	2	18.2	2	25.0
Ages 60-69	2	11.1	3	27.3	0	0.0
Ages 70 and Over	2	11.1	0	0.0	0	0.0
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>2011</b>		<b>2012</b>		<b>2013</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>18</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
No Helmet Used	4	22.2	0	0.0	0	0.0
Helmet Used	14	77.8	11	100.0	8	100.0
Unknown	0	0.0	0	0.0	0	0.0

<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>2009</b>	2,000	0.6	4,232	0.6
<b>2010</b>	2,053	0.6	4,302	0.6
<b>2011</b>	2,069	0.6	4,311	0.6
<b>2012</b>	2,120	0.6	4,352	0.6
<b>2013</b>	2,098	0.6	4,447	0.6

## **SECTION 5**

### **Ticket Data**

## TIOGA COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2011	2012	2013
<b>TOTAL TICKETS ISSUED</b>	<b>12,491</b>	<b>11,514</b>	<b>12,454</b>
<b>SPEED (V&amp;T 1180)</b>	<b>3,320</b>	<b>3,145</b>	<b>3,353</b>
% of total tickets	26.6%	27.3%	26.9%
% convicted on same charge (of adjudicated cases)	90.8%	91.7%	90.6%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>698</b>	<b>555</b>	<b>385</b>
% of total tickets	5.6%	4.8%	3.1%
% convicted on same charge (of adjudicated cases)	86.6%	89.8%	88.6%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	73	48	35
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	<b>325</b>	<b>228</b>	<b>264</b>
% of total tickets	2.6%	2.0%	2.1%
<b>Persons Arrested for Impaired Driving</b>	<b>(N=188)</b>	<b>(N=135)</b>	<b>(N=156)</b>
Case adjudicated	89.9%	94.1%	89.7%
Case pending	10.1%	5.9%	10.3%
<b>Adjudicated Cases*</b>	<b>(N=169)</b>	<b>(N=127)</b>	<b>(N=140)</b>
Convicted on original 1192 charge	64.5%	60.6%	51.4%
Convicted on other 1192 charge	29.6%	36.2%	45.7%
Convicted on non-1192 charge	1.2%	0.0%	0.0%
Dismissed/Acquitted/Convicted on charge associated with different event	4.7%	3.2%	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.

## TIOGA COUNTY

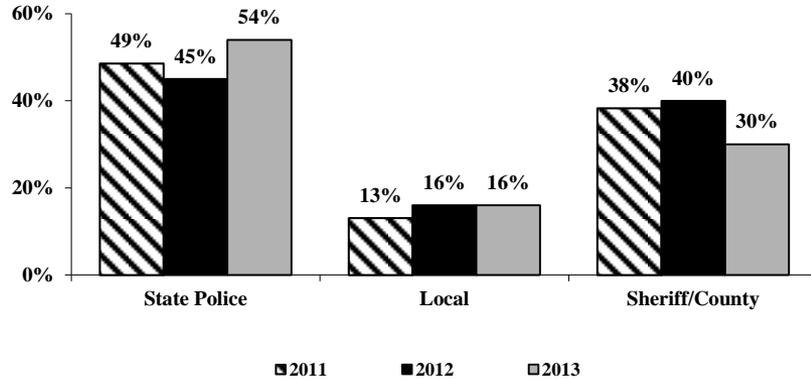
### Probation Data for V&T 1192 and 511 Convictions

	2011	2012	2013
<b>Number of Persons Sentenced to Probation</b>	30	37	24
<b>Number of Persons on Probation</b>	115	105	91

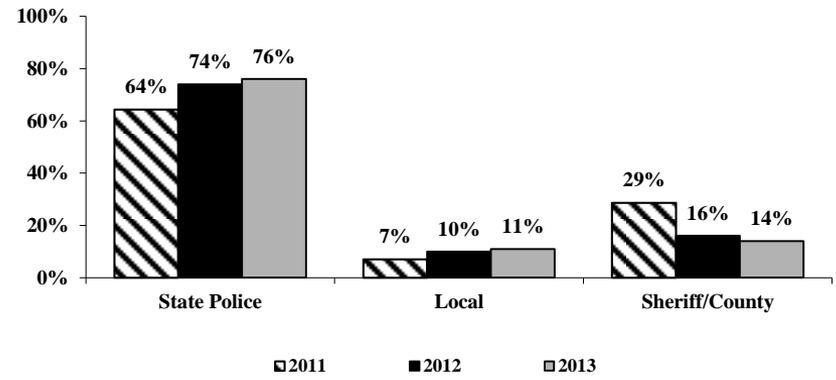
Source: NYS Office of Probation and Correctional Alternatives.

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

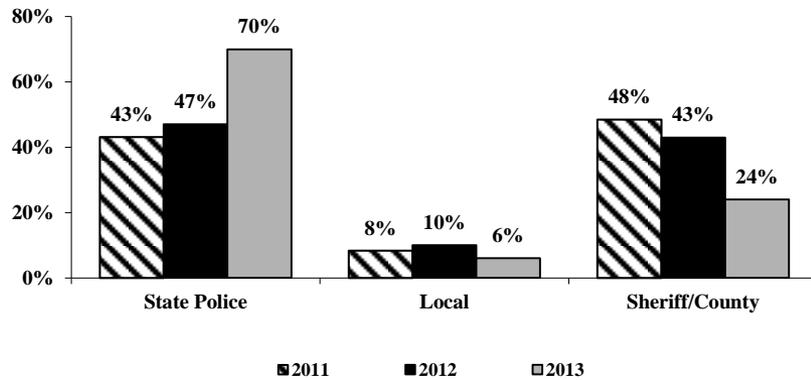
### All Tickets



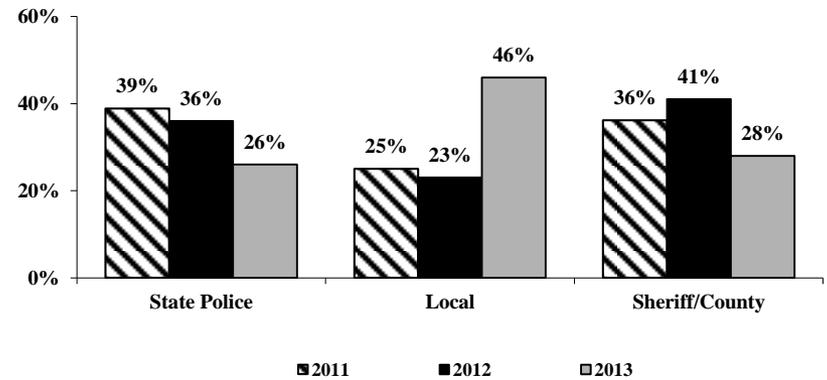
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



## TIOGA COUNTY

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

Enforcement Agency		2011			2012			2013		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	120	60.3	36.9	90	62.9	39.5	69	34.8	26.1
	speed	1,609	85.4	48.5	1,351	80.9	43.0	820	80.9	24.5
	seatbelt	200	80.3	28.7	88	62.4	15.9	52	55.9	13.5
Waverly P.D. NCIC 05320	alcohol	37	18.6	11.4	21	14.7	9.2	50	25.3	18.9
	speed	41	2.2	1.2	68	4.1	2.2	43	4.2	1.3
	seatbelt	11	4.4	1.6	12	8.5	2.2	17	18.3	4.4
Candor Village P.D. NCIC 05321	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	87	4.6	2.6	62	3.7	2.0	75	7.4	2.2
	seatbelt	3	1.2	0.4	1	0.7	0.2	3	3.2	0.8
Owego Village P.D. NCIC 05324	alcohol	42	21.1	12.9	32	22.4	14.0	79	39.9	29.9
	speed	117	6.2	3.5	177	10.6	5.6	64	6.3	1.9
	seatbelt	26	10.4	3.7	36	25.5	6.5	17	18.3	4.4
Spencer P.D. NCIC 05325	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	31	1.6	0.9	12	0.7	0.4	11	1.1	0.3
	seatbelt	9	3.6	1.3	4	2.8	0.7	4	4.3	1.0
<b>Totals by Agency Type</b>										
Sheriff and Local	alcohol	199		61.2	143		62.7	198		75.0
	speed	1,885		56.8	1,670		53.1	1,013		30.2
	seatbelt	249		35.7	141		25.4	93		24.2
State Police	alcohol	126		38.8	85		37.3	66		25.0
	speed	1,434		43.2	1,472		46.8	2,339		69.8
	seatbelt	449		64.3	413		74.4	292		75.8
Other	alcohol	0		0.0	0		0.0	0		0.0
	speed	1		<0.1	3		0.1	1		<0.1
	seatbelt	0		0.0	1		0.2	0		0.0
<b>County Totals</b>										
	alcohol	<b>325</b>			<b>228</b>			<b>264</b>		
	speed	<b>3,320</b>			<b>3,145</b>			<b>3,353</b>		
	seatbelt	<b>698</b>			<b>555</b>			<b>385</b>		

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