

# **TIOGA 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**

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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

**Institute for Traffic Safety  
Management and Research**

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

OR

**Governor's Traffic Safety Committee**

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

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

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

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## **SECTION 1**

### **General Crash Summary Report**

**New York State Department of Motor Vehicles**  
**Motor Vehicle Crashes**  
**Tioga 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>890</b>	<b>314,974</b>	<b>0.3</b>	<b>851</b>	<b>315,377</b>	<b>0.3</b>	<b>868</b>	<b>307,550</b>	<b>0.3</b>
Fatal Crashes	5	1,060	0.5	5	1,119	0.4	8	1,077	0.7
Non-Fatal Personal Injury Crashes	237	133,888	0.2	241	134,151	0.2	220	128,036	0.2
Reportable Property Damage Crashes	648	180,026	0.4	605	180,107	0.3	640	178,437	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	560	101,080	0.6	550	101,471	0.5	577	98,836	0.6
Multiple Vehicle Crashes	330	213,894	0.2	301	213,906	0.1	291	208,714	0.1
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	8	15,682	0.1	8	16,357	<0.1	9	15,928	0.1
Bicycle/Motor Vehicle Crashes	3	5,620	0.1	4	6,276	0.1	3	6,076	<0.1
Motorcycle Crashes	17	5,150	0.3	17	5,570	0.3	20	5,336	0.4
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>6</b>	<b>1,148</b>	<b>0.5</b>	<b>6</b>	<b>1,192</b>	<b>0.5</b>	<b>9</b>	<b>1,153</b>	<b>0.8</b>
Drivers Killed	6	603	1.0	4	646	0.6	6	597	1.0
Passengers Killed	0	209	0.0	2	198	1.0	2	203	1.0
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>325</b>	<b>186,034</b>	<b>0.2</b>	<b>343</b>	<b>187,566</b>	<b>0.2</b>	<b>303</b>	<b>177,445</b>	<b>0.2</b>
Drivers Injured	220	112,855	0.2	221	112,104	0.2	212	106,335	0.2
Passengers Injured	88	51,499	0.2	110	52,421	0.2	80	48,677	0.2
Pedestrians Injured	13	15,321	0.1	8	16,090	<0.1	8	15,689	0.1
Bicyclists Injured	3	5,405	0.1	3	6,058	<0.1	3	5,883	0.1
Other	1	954	0.1	1	893	0.1	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  
Tioga 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	177.77	166.45	170.05
Crash Rate per 10,000 Licensed Drivers	229.68	221.56	230.13
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	66.12	68.26	61.12
Fatality & Injury Rate per 10,000 Licensed Drivers	85.42	90.86	82.72

<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>868</b>	<b>118</b>	<b>269</b>	<b>253</b>	<b>201</b>	<b>27</b>
Sunday	126	22	32	47	22	3
Monday	133	24	49	33	23	4
Tuesday	102	6	39	24	29	4
Wednesday	120	17	33	41	23	6
Thursday	118	13	34	34	32	5
Friday	132	18	45	32	35	2
Saturday	137	18	37	42	37	3

<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>787</b>	<b>100.0</b>	<b>737</b>	<b>100.0</b>	<b>738</b>	<b>100.0</b>
State Police	252	32.0	217	29.4	242	32.8
County Police	450	57.2	400	54.3	370	50.1
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	85	10.8	120	16.3	126	17.1
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>						
	<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>1,163</b>	<b>100.0</b>	<b>1,098</b>	<b>100.0</b>	<b>1,115</b>	<b>100.0</b>
Male	651	56.0	619	56.4	646	57.9
Female	474	40.8	451	41.1	440	39.5
Unknown	38	3.3	28	2.6	29	2.6
<b>Age</b>						
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	167	14.4	159	14.5	125	11.2
Ages 21-29	226	19.4	192	17.5	232	20.8
Ages 30-39	151	13.0	167	15.2	155	13.9
Ages 40-49	229	19.7	190	17.3	179	16.1
Ages 50-59	197	16.9	179	16.3	183	16.4
Ages 60-69	88	7.6	96	8.7	111	10.0
Ages 70 and Over	66	5.7	86	7.8	100	9.0
Unknown Age	39	3.4	29	2.6	30	2.7

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>787</b>		<b>737</b>		<b>738</b>	
Alcohol Involvement*	52	6.6	47	6.4	36	4.9
Backing Unsafely	32	4.1	28	3.8	19	2.6
Driver Inattention/Distraction	87	11.1	101	13.7	57	7.7
Driver Inexperience	20	2.5	15	2.0	11	1.5
Failure to Keep Right	56	7.1	41	5.6	32	4.3
Failure to Yield R.O.W.	71	9.0	64	8.7	67	9.1
Following Too Closely	61	7.8	68	9.2	74	10.0
Passing/Lane Violations	71	9.0	78	10.6	75	10.2
Traffic Control Disregarded	17	2.2	16	2.2	14	1.9
Turning Improperly	27	3.4	20	2.7	15	2.0
Unsafe Speed*	88	11.2	109	14.8	125	16.9

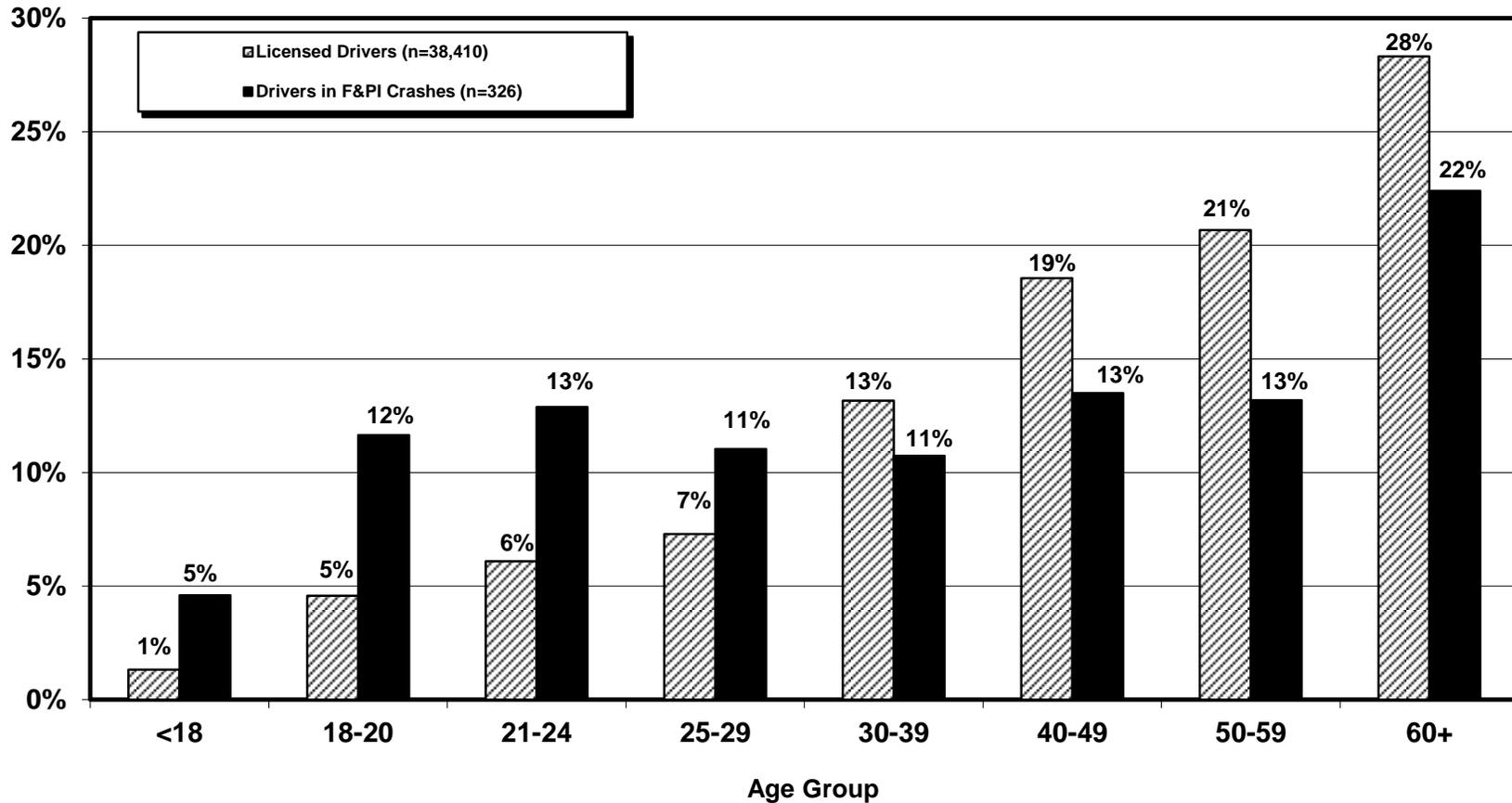
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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>349</b>	<b>100.0</b>	<b>11</b>	<b>312</b>	<b>100.0</b>	<b>12</b>
Under Age 4	4	1.1	0	3	1.0	0
Ages 4-6	5	1.4	0	6	1.9	0
Ages 7-15	27	7.7	3	22	7.1	3
Ages 16-17	26	7.4	0	14	4.5	0
Ages 18-20	41	11.7	3	33	10.6	1
Ages 21-29	61	17.5	1	73	23.4	3
Ages 30-39	42	12.0	0	32	10.3	1
Ages 40-49	43	12.3	1	36	11.5	2
Ages 50-59	47	13.5	3	41	13.1	0
Ages 60-69	32	9.2	0	25	8.0	0
Ages 70 and Over	20	5.7	0	26	8.3	1
Unknown Age	1	0.3	0	1	0.3	1

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>292</b>	<b>100.0</b>	<b>310</b>	<b>100.0</b>	<b>274</b>	<b>100.0</b>
No Restraint Used	27	9.2	33	10.6	41	15.0
Restraint Used	263	90.1	269	86.8	227	82.8
Unknown	2	0.7	8	2.6	6	2.2
<b>Motorcyclists</b>	<b>15</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>
No Helmet Used	0	0.0	2	11.8	4	22.2
Helmet Used	14	93.3	14	82.4	14	77.8
Unknown	1	6.7	1	5.9	0	0.0
<b>Bicyclists</b>	<b>3</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>
No Helmet Used	3	100.0	2	66.7	2	66.7
Helmet Used	0	0.0	1	33.3	0	0.0
Unknown	0	0.0	0	0.0	1	33.3

**FIGURE 1**  
**Tioga 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**

**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	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>															
Barton	4,555	8.8	139.7	12.5	32.6	24	0.2	31	22	0.2	43	21	0.2	28	
Berkshire	1,375	2.7	55.4	4.9	24.8	4	0.1	4	5	0.1	8	9	0.2	11	
Candor	4,416	8.6	163.6	14.6	27.0	22	0.1	31	24	0.1	29	22	0.1	31	
Newark Valley	3,090	6.0	82.9	7.4	37.3	20	0.2	31	18	0.2	23	8	0.1	10	
Nichols	2,023	3.9	80.5	7.2	25.1	21	0.3	34	23	0.3	25	17	0.2	22	
Owego	16,369	31.8	253.1	22.6	64.7	77	0.3	104	63	0.2	89	73	0.3	103	
Richford	1,172	2.3	64.9	5.8	18.1	9	0.1	10	6	0.1	9	8	0.1	12	
Spencer	2,266	4.4	83.1	7.4	27.3	4	<0.1	4	18	0.2	27	12	0.1	18	
Tioga	4,791	9.3	127.7	11.4	37.5	16	0.1	23	17	0.1	30	13	0.1	15	
<b>Villages</b>															
Candor	835	1.6	4.9	0.4	170.4	1	0.2	3	3	0.6	3	1	0.2	1	
Newark Valley	1,044	2.0	5.5	0.5	189.8	1	0.2	1	1	0.2	1	1	0.2	2	
Nichols	557	1.1	4.0	0.4	139.3	3	0.8	3	1	0.3	1	2	0.5	2	
Owego	3,811	7.4	22.7	2.0	167.9	26	1.1	32	23	1.0	29	26	1.1	38	
Spencer	713	1.4	9.0	0.8	79.2	1	0.1	1	4	0.4	6	2	0.2	2	
Waverly	4,518	8.8	24.2	2.2	186.7	12	0.5	18	16	0.7	23	12	0.5	16	
<b>Other</b>	<b>unknown</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>1</b>	<b>na</b>	<b>1</b>	<b>2</b>	<b>na</b>	<b>3</b>	<b>1</b>	<b>na</b>	<b>1</b>	
<b>Tioga County Total</b>	<b>51,535</b>		<b>1121.1</b>		<b>46.0</b>	<b>242</b>	<b>0.2</b>	<b>331</b>	<b>246</b>	<b>0.2</b>	<b>349</b>	<b>228</b>	<b>0.2</b>	<b>312</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**

**Tioga 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>57</b>	<b>8,873</b>	<b>0.6</b>	<b>50</b>	<b>8,613</b>	<b>0.6</b>	<b>39</b>	<b>8,461</b>	<b>0.5</b>
Fatal Crashes	4	329	1.2	4	327	1.2	4	330	1.2
Non-Fatal Personal Injury Crashes	21	4,676	0.4	25	4,445	0.6	17	4,298	0.4
Reportable Property Damage Crashes	32	3,868	0.8	21	3,841	0.5	18	3,833	0.5
<b>Manner of Collision</b>									
Single Vehicle Crashes	44	4,843	0.9	40	4,798	0.8	26	4,646	0.6
Multiple Vehicle Crashes	13	4,030	0.3	10	3,815	0.3	13	3,815	0.3
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	1	432	0.2	0	408	0.0	0	460	0.0
A-R Bicycle/Motor Vehicle Crashes	0	118	0.0	1	100	1.0	0	105	0.0
A-R Motorcycle Crashes	2	191	1.0	2	227	0.9	1	204	0.5
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>5</b>	<b>361</b>	<b>1.4</b>	<b>5</b>	<b>354</b>	<b>1.4</b>	<b>5</b>	<b>362</b>	<b>1.4</b>
Drivers Killed	5	198	2.5	3	206	1.5	4	185	2.2
<i>Drinking Drivers</i>	4	175	2.3	3	191	1.6	3	170	1.8
<i>Non-Drinking Drivers</i>	1	23	4.3	0	15	0.0	1	15	6.7
Passengers Killed	0	64	0.0	2	64	3.1	1	73	1.4
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>27</b>	<b>6,810</b>	<b>0.4</b>	<b>36</b>	<b>6,337</b>	<b>0.6</b>	<b>22</b>	<b>6,121</b>	<b>0.4</b>
Drivers Injured	18	4,321	0.4	19	4,031	0.5	18	3,874	0.5
Passengers Injured	6	1,959	0.3	17	1,815	0.9	4	1,726	0.2
Pedestrians Injured	3	369	0.8	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  
Tioga County**

<b>TABLE 2(P) Day of Week/Time of Day: 2011</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>39</b>	<b>19</b>	<b>2</b>	<b>7</b>	<b>11</b>	<b>0</b>
Sunday	9	8	0	0	1	0
Monday	7	3	1	1	2	0
Tuesday	8	1	1	2	4	0
Wednesday	2	1	0	0	1	0
Thursday	1	1	0	0	0	0
Friday	5	1	0	2	2	0
Saturday	7	4	0	2	1	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>60</b>	<b>100.0</b>	<b>55</b>	<b>100.0</b>	<b>45</b>	<b>100.0</b>
Male	46	76.7	42	76.4	28	62.2
<i>Drinking Drivers</i>	45	75.0	37	67.3	25	55.6
<i>Non-Drinking Drivers</i>	1	1.7	5	9.1	3	6.7
Female	14	23.3	12	21.8	17	37.8
<i>Drinking Drivers</i>	10	16.7	11	20.0	13	28.9
<i>Non-Drinking Drivers</i>	4	6.7	1	1.8	4	8.9
Unknown	0	0.0	1	1.8	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	1.8	0	0.0
<b>Drinking Drivers</b>	<b>55</b>	<b>100.0</b>	<b>48</b>	<b>100.0</b>	<b>38</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	5.5	7	14.6	2	5.3
Ages 21-29	27	49.1	18	37.5	14	36.8
Ages 30-39	8	14.5	9	18.8	7	18.4
Ages 40-49	10	18.2	8	16.7	8	21.1
Ages 50-59	6	10.9	5	10.4	3	7.9
Age 60 and Over	1	1.8	1	2.1	4	10.5
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Drinking Drivers</b>	<b>5</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>	<b>7</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	20.0	1	14.3	0	0.0
Ages 21-29	0	0.0	0	0.0	2	28.6
Ages 30-39	1	20.0	2	28.6	0	0.0
Ages 40-49	1	20.0	2	28.6	1	14.3
Ages 50-59	1	20.0	1	14.3	1	14.3
Age 60 and Over	1	20.0	0	0.0	3	42.9
Unknown Age	0	0.0	1	14.3	0	0.0

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

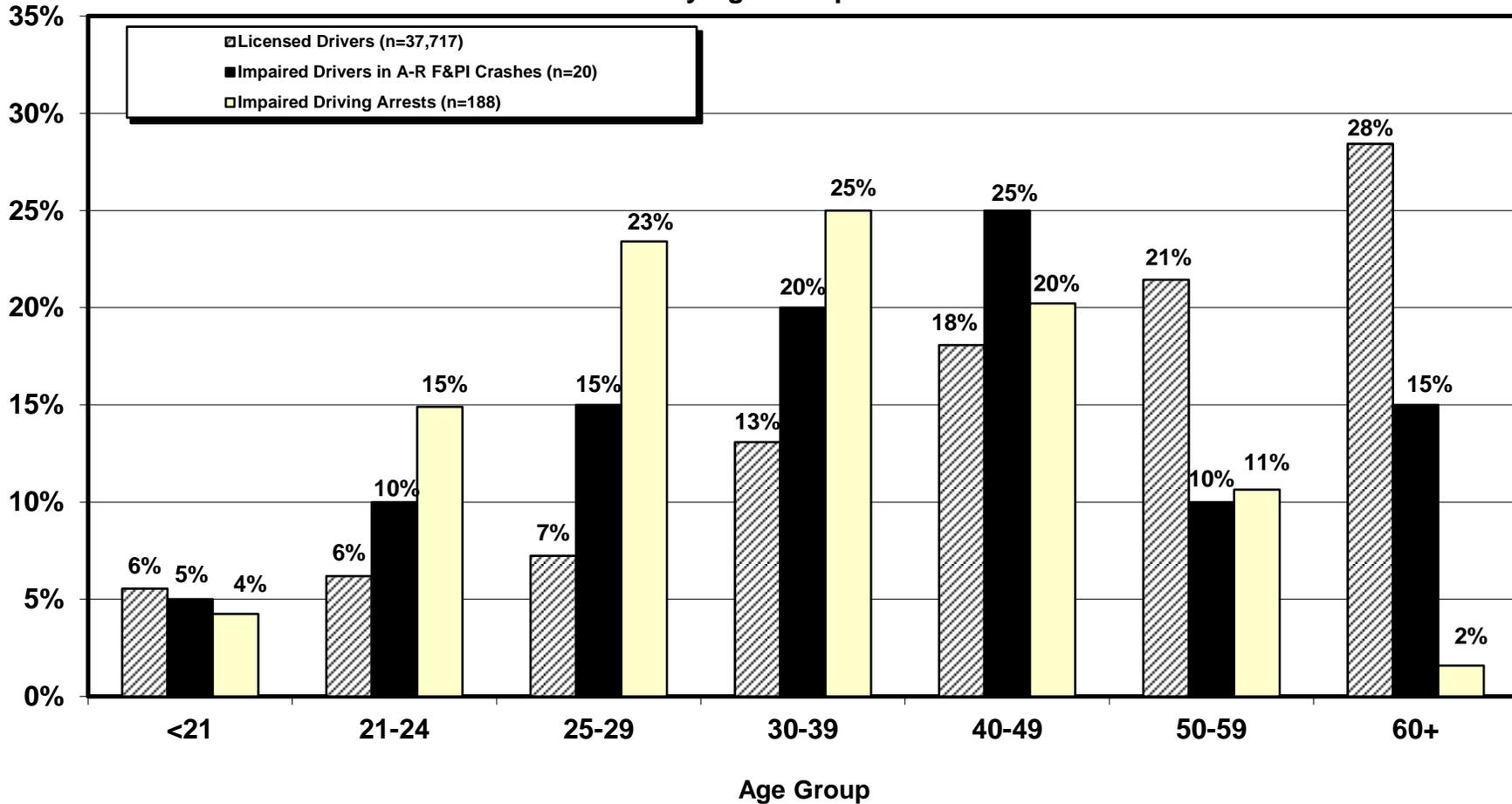
	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>57</b>		<b>50</b>		<b>39</b>	
Driver Inattention/Distracted	0	0.0	4	8.0	1	2.6
Failure to Keep Right	10	17.5	9	18.0	10	25.6
Failure to Yield R.O.W.	2	3.5	1	2.0	2	5.1
Fell Asleep	2	3.5	0	0.0	4	10.3
Following Too Closely	0	0.0	1	2.0	0	0.0
Passing/Lane Violations	19	33.3	12	24.0	7	17.9
Traffic Control Disregarded	1	1.8	1	2.0	0	0.0
Unsafe Speed	12	21.1	13	26.0	6	15.4

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>41</b>	<b>100.0</b>	<b>0</b>	<b>27</b>	<b>100.0</b>	<b>0</b>
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	1	2.4	0	0	0.0	0
Ages 7-15	3	7.3	0	0	0.0	0
Ages 16-17	3	7.3	0	1	3.7	0
Ages 18-20	9	22.0	0	0	0.0	0
Ages 21-29	14	34.1	0	8	29.6	0
Ages 30-39	6	14.6	0	6	22.2	0
Ages 40-49	2	4.9	0	6	22.2	0
Ages 50-59	2	4.9	0	3	11.1	0
Ages 60-69	0	0.0	0	2	7.4	0
Ages 70 and Over	1	2.4	0	1	3.7	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>27</b>	<b>100.0</b>	<b>39</b>	<b>100.0</b>	<b>26</b>	<b>100.0</b>
No Restraint Used	8	29.6	17	43.6	12	46.2
Restraint Used	19	70.4	19	48.7	12	46.2
Unknown	0	0.0	3	7.7	2	7.7
<b>Motorcyclists</b>	<b>2</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	0	0.0	0	0.0
Helmet Used	2	100.0	2	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 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**

**Tioga 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>94</b>	<b>28,877</b>	<b>0.3</b>	<b>114</b>	<b>28,168</b>	<b>0.4</b>	<b>129</b>	<b>28,147</b>	<b>0.5</b>
Fatal Crashes	1	314	0.3	2	289	0.7	2	284	0.7
Non-Fatal Personal Injury Crashes	37	13,202	0.3	56	12,846	0.4	45	12,838	0.4
Reportable Property Damage Crashes	56	15,361	0.4	56	15,033	0.4	82	15,025	0.5
<b>Manner of Collision</b>									
Single Vehicle Crashes	78	17,351	0.4	93	16,991	0.5	112	16,379	0.7
Multiple Vehicle Crashes	16	11,526	0.1	21	11,177	0.2	17	11,768	0.1
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	0	382	0.0	0	411	0.0	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	1	755	0.1	1	846	0.1	2	808	0.2
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>357</b>	<b>0.3</b>	<b>2</b>	<b>319</b>	<b>0.6</b>	<b>2</b>	<b>319</b>	<b>0.6</b>
Drivers Killed	1	237	0.4	2	231	0.9	1	211	0.5
<i>Speeding Drivers</i>	1	211	0.5	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	1	91	1.1
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>56</b>	<b>19,326</b>	<b>0.3</b>	<b>85</b>	<b>18,910</b>	<b>0.4</b>	<b>57</b>	<b>18,843</b>	<b>0.3</b>
Drivers Injured	36	12,890	0.3	54	12,556	0.4	43	12,382	0.3
Passengers Injured	20	5,853	0.3	31	5,723	0.5	13	5,730	0.2
Pedestrians Injured	0	386	0.0	0	422	0.0	1	514	0.2
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**  
**Tioga County**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>129</b>	<b>22</b>	<b>45</b>	<b>27</b>	<b>35</b>	<b>0</b>
Sunday	20	1	7	8	4	0
Monday	17	7	7	2	1	0
Tuesday	13	0	6	1	6	0
Wednesday	24	2	11	6	5	0
Thursday	12	4	2	1	5	0
Friday	21	6	7	2	6	0
Saturday	22	2	5	7	8	0

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>106</b>	<b>100.0</b>	<b>127</b>	<b>100.0</b>	<b>141</b>	<b>100.0</b>
Male	63	59.4	68	53.5	81	57.4
<i>Speeding Drivers</i>	55	51.9	61	48.0	74	52.5
<i>Non-Speeding Drivers</i>	8	7.5	7	5.5	7	5.0
Female	42	39.6	58	45.7	58	41.1
<i>Speeding Drivers</i>	39	36.8	52	40.9	55	39.0
<i>Non-Speeding Drivers</i>	3	2.8	6	4.7	3	2.1
Unknown	1	0.9	1	0.8	2	1.4
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	1	0.9	1	0.8	2	1.4
<b>Speeding Drivers</b>	<b>94</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>	<b>129</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	28	29.8	35	31.0	28	21.7
Ages 21-29	29	30.9	32	28.3	41	31.8
Ages 30-39	15	16.0	18	15.9	21	16.3
Ages 40-49	11	11.7	11	9.7	15	11.6
Ages 50-59	7	7.4	11	9.7	10	7.8
Age 60 and Over	4	4.3	6	5.3	14	10.9
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Speeding Drivers</b>	<b>12</b>	<b>100.0</b>	<b>14</b>	<b>100.0</b>	<b>12</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	2	16.7
Ages 21-29	3	25.0	2	14.3	1	8.3
Ages 30-39	3	25.0	2	14.3	1	8.3
Ages 40-49	4	33.3	1	7.1	1	8.3
Ages 50-59	1	8.3	4	28.6	2	16.7
Age 60 and Over	0	0.0	4	28.6	3	25.0
Unknown Age	1	8.3	1	7.1	2	16.7

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

	2009		2010		2011	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>94</b>		<b>114</b>		<b>129</b>	
Alcohol Involvement	12	12.8	15	13.2	8	6.2
Driver Inattention/Distraction	0	0.0	2	1.8	2	1.6
Driver Inexperience	4	4.3	2	1.8	2	1.6
Failure to Keep Right	8	8.5	11	9.6	4	3.1
Failure to Yield R.O.W.	1	1.1	0	0.0	0	0.0
Following Too Closely	4	4.3	5	4.4	4	3.1
Passing/Lane Violations	3	3.2	7	6.1	7	5.4
Traffic Control Disregarded	1	1.1	4	3.5	1	0.8

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>87</b>	<b>100.0</b>	<b>0</b>	<b>59</b>	<b>100.0</b>	<b>1</b>
Under Age 4	3	3.4	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	7	8.0	0	5	8.5	0
Ages 16-17	15	17.2	0	7	11.9	0
Ages 18-20	17	19.5	0	9	15.3	0
Ages 21-29	19	21.8	0	12	20.3	0
Ages 30-39	10	11.5	0	10	16.9	0
Ages 40-49	7	8.0	0	3	5.1	1
Ages 50-59	6	6.9	0	8	13.6	0
Ages 60-69	3	3.4	0	2	3.4	0
Ages 70 and Over	0	0.0	0	3	5.1	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>56</b>	<b>100.0</b>	<b>86</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>
No Restraint Used	11	19.6	11	12.8	13	23.2
Restraint Used	45	80.4	71	82.6	42	75.0
Unknown	0	0.0	4	4.7	1	1.8
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>2</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	2	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	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>17</b>	<b>5,150</b>	<b>0.3</b>	<b>17</b>	<b>5,570</b>	<b>0.3</b>	<b>20</b>	<b>5,336</b>	<b>0.4</b>
Fatal Crashes	1	152	0.7	1	180	0.6	2	168	1.2
Non-Fatal Personal Injury Crashes	14	4,347	0.3	16	4,757	0.3	15	4,550	0.3
Reportable Property Damage Crashes	2	651	0.3	0	633	0.0	3	618	0.5
<b>Manner of Collision</b>									
Single Motorcycle Crashes	13	2,270	0.6	13	2,426	0.5	13	2,408	0.5
Multiple Vehicle Crashes	4	2,880	0.1	4	3,144	0.1	7	2,928	0.2
<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	1	27	3.7
<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>2</b>	<b>171</b>	<b>1.2</b>
Drivers Killed	1	146	0.7	1	173	0.6	2	162	1.2
<i>Motorcycle Operators</i>	1	146	0.7	1	172	0.6	2	162	1.2
<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>18</b>	<b>5,042</b>	<b>0.4</b>	<b>18</b>	<b>5,468</b>	<b>0.3</b>	<b>18</b>	<b>5,180</b>	<b>0.3</b>
Drivers Injured	16	4,444	0.4	15	4,819	0.3	16	4,604	0.3
Passengers Injured	2	505	0.4	3	520	0.6	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	1	22	4.5
Other	0	8	0.0	0	17	0.0	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**

**Tioga 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>20</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>5</b>	<b>0</b>
Sunday	2	0	1	1	0	0
Monday	4	0	1	2	1	0
Tuesday	2	0	0	2	0	0
Wednesday	3	0	0	3	0	0
Thursday	2	0	0	1	1	0
Friday	2	0	0	1	1	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>18</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>
Male	15	83.3	15	88.2	18	90.0
Female	3	16.7	2	11.8	2	10.0
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	2	11.1	0	0.0	0	0.0
Ages 21-29	5	27.8	4	23.5	5	25.0
Ages 30-39	3	16.7	5	29.4	3	15.0
Ages 40-49	4	22.2	3	17.6	5	25.0
Ages 50-59	3	16.7	4	23.5	3	15.0
Ages 60 and Over	1	5.6	1	5.9	4	20.0
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>16</b>		<b>16</b>		<b>19</b>	
Alcohol Involvement	1	6.3	2	12.5	1	5.3
Driver Inattention/Distraction	1	6.3	3	18.8	3	15.8
Driver Inexperience	3	18.8	0	0.0	1	5.3
Failure to Keep Right	0	0.0	2	12.5	4	21.1
Failure to Yield R.O.W.	2	12.5	2	12.5	3	15.8
Following Too Closely	0	0.0	1	6.3	2	10.5
Passing/Lane Violations	1	6.3	2	12.5	1	5.3
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	2	12.5	1	6.3	0	0.0
Unsafe Speed	1	6.3	1	6.3	2	10.5

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>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>16</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>
Under Age 4	0	0.0	1	5.6	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	2	12.5	0	0.0	0	0.0
Ages 21-29	3	18.8	4	22.2	6	33.3
Ages 30-39	3	18.8	5	27.8	2	11.1
Ages 40-49	4	25.0	3	16.7	4	22.2
Ages 50-59	3	18.8	4	22.2	2	11.1
Ages 60-69	1	6.3	1	5.6	2	11.1
Ages 70 and Over	0	0.0	0	0.0	2	11.1
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>15</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>	<b>18</b>	<b>100.0</b>
No Helmet Used	0	0.0	2	11.8	4	22.2
Helmet Used	14	93.3	14	82.4	14	77.8
Unknown	1	6.7	1	5.9	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>2007</b>	1,620	0.5	3,981	0.6
<b>2008</b>	1,908	0.6	4,089	0.6
<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

## **SECTION 5**

### **Ticket Data**

## TIOGA COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
<b>TOTAL TICKETS ISSUED</b>	<b>13,420</b>	<b>13,525</b>	<b>12,491</b>
<b>SPEED (V&amp;T 1180)</b>	<b>3,596</b>	<b>3,577</b>	<b>3,320</b>
% of total tickets	26.8%	26.4%	26.6%
% convicted on same charge (of adjudicated cases)	94.8%	94.9%	90.8%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>1,228</b>	<b>951</b>	<b>698</b>
% of total tickets	9.2%	7.0%	5.6%
% convicted on same charge (of adjudicated cases)	91.9%	88.2%	86.6%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	43	51	73
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	<b>364</b>	<b>376</b>	<b>325</b>
% of total tickets	2.7%	2.8%	2.6%
<b>Persons Arrested for Impaired Driving</b>	<b>(N=219)</b>	<b>(N=216)</b>	<b>(N=188)</b>
Case adjudicated	95.4%	96.8%	89.9%
Case pending	4.6%	3.2%	10.1%
<b>Adjudicated Cases*</b>	<b>(N=209)</b>	<b>(N=209)</b>	<b>(N=169)</b>
Convicted on original 1192 charge	61.7%	61.7%	64.5%
Convicted on other 1192 charge	32.5%	34.0%	29.6%
Convicted on non-1192 charge	1.0%	1.0%	1.2%
Dismissed/Acquitted/Convicted on charge associated with different event	4.8%	3.3%	4.7%
* 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: NYSDMV TSLED ticket system.

## TIOGA COUNTY

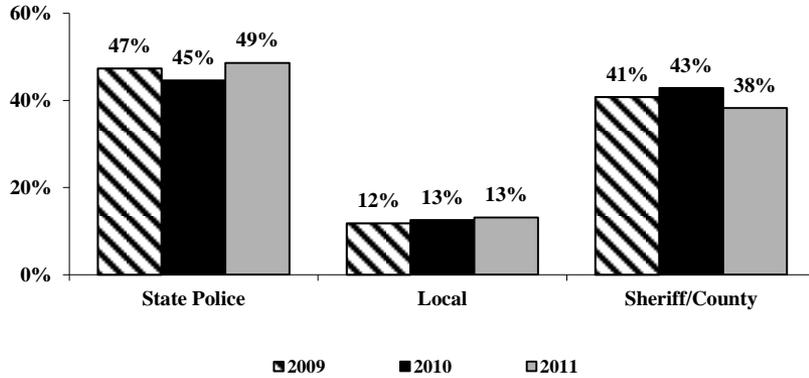
### Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
<b>Number of Persons Sentenced to Probation</b>	26	50	30
<b>Number of Persons on Probation</b>	117	120	115

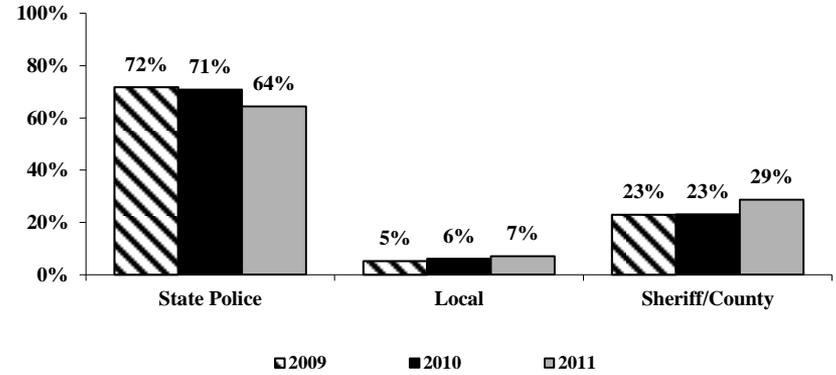
Source: NYS Division of Probation and Correctional Alternatives.

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

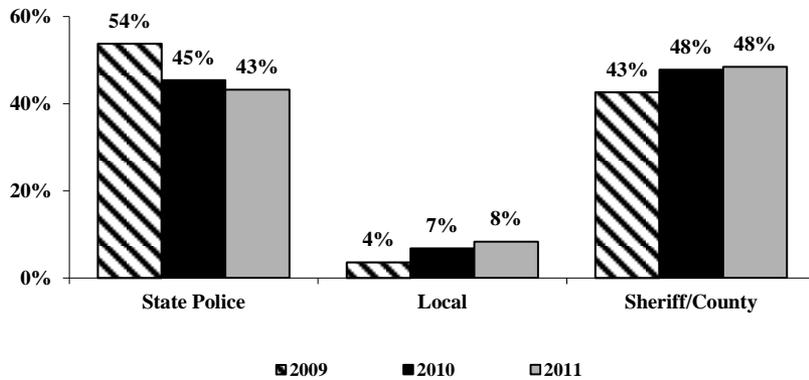
### All Tickets



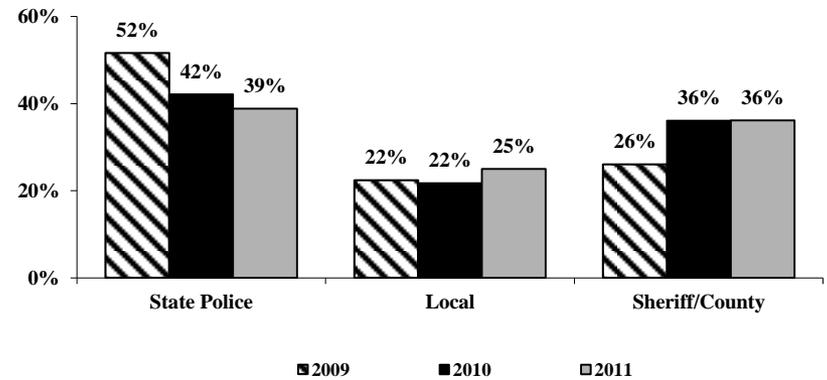
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



## TIOGA COUNTY

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

Enforcement Agency		2009			2010			2011		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	102	59.3	28.0	138	63.9	36.7	120	60.3	36.9
	speed	1,533	92.2	42.6	1,710	87.5	47.8	1,609	85.4	48.5
	seatbelt	282	81.5	23.0	220	79.1	23.1	200	80.3	28.7
Waverly P.D. NCIC 05320	alcohol	37	21.5	10.2	35	16.2	9.3	37	18.6	11.4
	speed	33	2.0	0.9	69	3.5	1.9	41	2.2	1.2
	seatbelt	17	4.9	1.4	26	9.4	2.7	11	4.4	1.6
Candor Village P.D. NCIC 05321	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	42	2.5	1.2	89	4.6	2.5	87	4.6	2.6
	seatbelt	0	0.0	0.0	0	0.0	0.0	3	1.2	0.4
Owego Village P.D. NCIC 05324	alcohol	33	19.2	9.1	43	19.9	11.4	42	21.1	12.9
	speed	52	3.1	1.4	83	4.2	2.3	117	6.2	3.5
	seatbelt	43	12.4	3.5	32	11.5	3.4	26	10.4	3.7
Spencer P.D. NCIC 05325	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	2	0.1	0.1	3	0.2	0.1	31	1.6	0.9
	seatbelt	4	1.2	0.3	0	0.0	0.0	9	3.6	1.3
<b>Totals by Agency Type</b>										
Sheriff and Local	alcohol	172		47.3	216		57.4	199		61.2
	speed	1,662		46.2	1,954		54.6	1,885		56.8
	seatbelt	346		28.2	278		29.2	249		35.7
State Police	alcohol	192		52.7	160		42.6	126		38.8
	speed	1,933		53.8	1,623		45.4	1,434		43.2
	seatbelt	882		71.8	673		70.8	449		64.3
Other	alcohol	0		0.0	0		0.0	0		0.0
	speed	1		<0.1	0		0.0	1		<0.1
	seatbelt	0		0.0	0		0.0	0		0.0
<b>County Totals</b>										
	alcohol	<b>364</b>			<b>376</b>			<b>325</b>		
	speed	<b>3,596</b>			<b>3,577</b>			<b>3,320</b>		
	seatbelt	<b>1,228</b>			<b>951</b>			<b>698</b>		

Source: NYS DMV

**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)