

TIOGA COUNTY

TRAFFIC SAFETY DATA



Prepared by

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COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2008-2010. Four summary reports provide detailed accident data for the three years 2008-2010. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. Caution is advised in interpreting the data in cases where the numbers are very small. For assistance in using the data in this document or to request additional information, please contact

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Herkimer	Franklin	Montgomery	Columbia	Cattaraugus
Warren	Jefferson	Nassau	Cortland	Chautauqua
	Lewis	New York City: Bronx, Kings, New York, Queens, Richmond	Delaware	Chemung
	Madison	Rensselaer	Dutchess	Erie
	Oneida	Schenectady	Orange	Genesee
	Onondaga	Schoharie	Putnam	Livingston
	Oswego	Suffolk	Rockland	Monroe
	St. Lawrence	Westchester	Saratoga	Niagara
	Seneca		Sullivan	Ontario
	Wayne		Ulster	Orleans
			Washington	Otsego
				Schuyler
				Steuben
				Tioga
				Tompkins
				Wyoming
				Yates

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SECTION 1

General Accident Summary Report

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

TABLE 1 Accident Summary Totals

Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	993	316,231	0.3	890	314,974	0.3	851	315,377	0.3
Fatal Accidents	1	1,160	0.1	5	1,060	0.5	5	1,119	0.4
Non-Fatal Personal Injury Accidents	281	134,894	0.2	237	133,888	0.2	241	134,151	0.2
Reportable Property Damage Accidents	711	180,177	0.4	648	180,026	0.4	605	180,107	0.3
Manner of Collision									
Single Vehicle Accidents	673	104,790	0.6	560	101,080	0.6	550	101,471	0.5
Multiple Vehicle Accidents	320	211,441	0.2	330	213,894	0.2	301	213,906	0.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	4	15,620	<0.1	8	15,682	0.1	8	16,357	<0.1
Bicycle/Motor Vehicle Accidents	5	5,646	0.1	3	5,620	0.1	4	6,276	0.1
Motorcycle Accidents	25	5,396	0.5	17	5,150	0.3	17	5,570	0.3
Fatalities									
Persons Killed (1)	2	1,224	0.2	6	1,148	0.5	6	1,192	0.5
Drivers Killed	1	669	0.1	6	603	1.0	4	646	0.6
Passengers Killed	1	211	0.5	0	209	0.0	2	198	1.0
Pedestrians Killed	0	302	0.0	0	307	0.0	0	311	0.0
Bicyclists Killed	0	42	0.0	0	29	0.0	0	36	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
Non-Fatal Injuries									
Persons Injured (1)	361	187,160	0.2	325	186,034	0.2	343	187,566	0.2
Drivers Injured	258	114,393	0.2	220	112,855	0.2	221	112,104	0.2
Passengers Injured	93	51,120	0.2	88	51,499	0.2	110	52,421	0.2
Pedestrians Injured	4	15,317	<0.1	13	15,321	0.1	8	16,090	<0.1
Bicyclists Injured	5	5,422	0.1	3	5,405	0.1	3	6,058	<0.1
Other	1	908	0.1	1	954	0.1	1	893	0.1

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

General Notes

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

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

TABLE 1.1 Crash and Fatality & Injury Rates			
	2008	2009	2010
Crash Rates			
Crash Rate per 10,000 Population	197.92	177.77	166.45
Crash Rate per 10,000 Licensed Drivers	256.90	229.68	221.56
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	72.35	66.12	68.26
Fatality & Injury Rate per 10,000 Licensed Drivers	93.91	85.42	90.86

TABLE 2 Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	851	114	265	247	195	30
Sunday	107	25	19	33	27	3
Monday	128	13	48	43	22	2
Tuesday	129	12	45	34	33	5
Wednesday	123	16	38	40	26	3
Thursday	109	13	42	26	24	4
Friday	139	16	42	41	35	5
Saturday	116	19	31	30	28	8

TABLE 3(P) Police Investigating Agency						
	2008		2009		2010	
	#	%	#	%	#	%
Total	826	100.0	787	100.0	737	100.0
State Police	278	33.7	252	32.0	217	29.4
County Police	443	53.6	450	57.2	400	54.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	105	12.7	85	10.8	120	16.3
Unknown	0	0.0	0	0.0	0	0.0

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

Tioga County

TABLE 4 Jurisdictional Road System						
	2008		2009		2010	
Total	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

TABLE 5 Driver Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	1,263	100.0	1,163	100.0	1,098	100.0
Male	710	56.2	651	56.0	619	56.4
Female	517	40.9	474	40.8	451	41.1
Unknown	36	2.9	38	3.3	28	2.6
Age						
Under Age 16	2	0.2	0	0.0	0	0.0
Ages 16-20	184	14.6	167	14.4	159	14.5
Ages 21-29	235	18.6	226	19.4	192	17.5
Ages 30-39	203	16.1	151	13.0	167	15.2
Ages 40-49	240	19.0	229	19.7	190	17.3
Ages 50-59	175	13.9	197	16.9	179	16.3
Ages 60-69	111	8.8	88	7.6	96	8.7
Ages 70 and Over	76	6.0	66	5.7	86	7.8
Unknown Age	37	2.9	39	3.4	29	2.6

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

	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	826		787		737	
Alcohol Involvement*	38	4.6	52	6.6	47	6.4
Backing Unsafely	21	2.5	32	4.1	28	3.8
Driver Inattention/Distraction	85	10.3	87	11.1	101	13.7
Driver Inexperience	14	1.7	20	2.5	15	2.0
Failure to Keep Right	43	5.2	56	7.1	41	5.6
Failure to Yield R.O.W.	58	7.0	71	9.0	64	8.7
Following Too Closely	61	7.4	61	7.8	68	9.2
Passing/Lane Violations	58	7.0	71	9.0	78	10.6
Traffic Control Disregarded	15	1.8	17	2.2	16	2.2
Turning Improperly	12	1.5	27	3.4	20	2.7
Unsafe Speed*	149	18.0	88	11.2	109	14.8

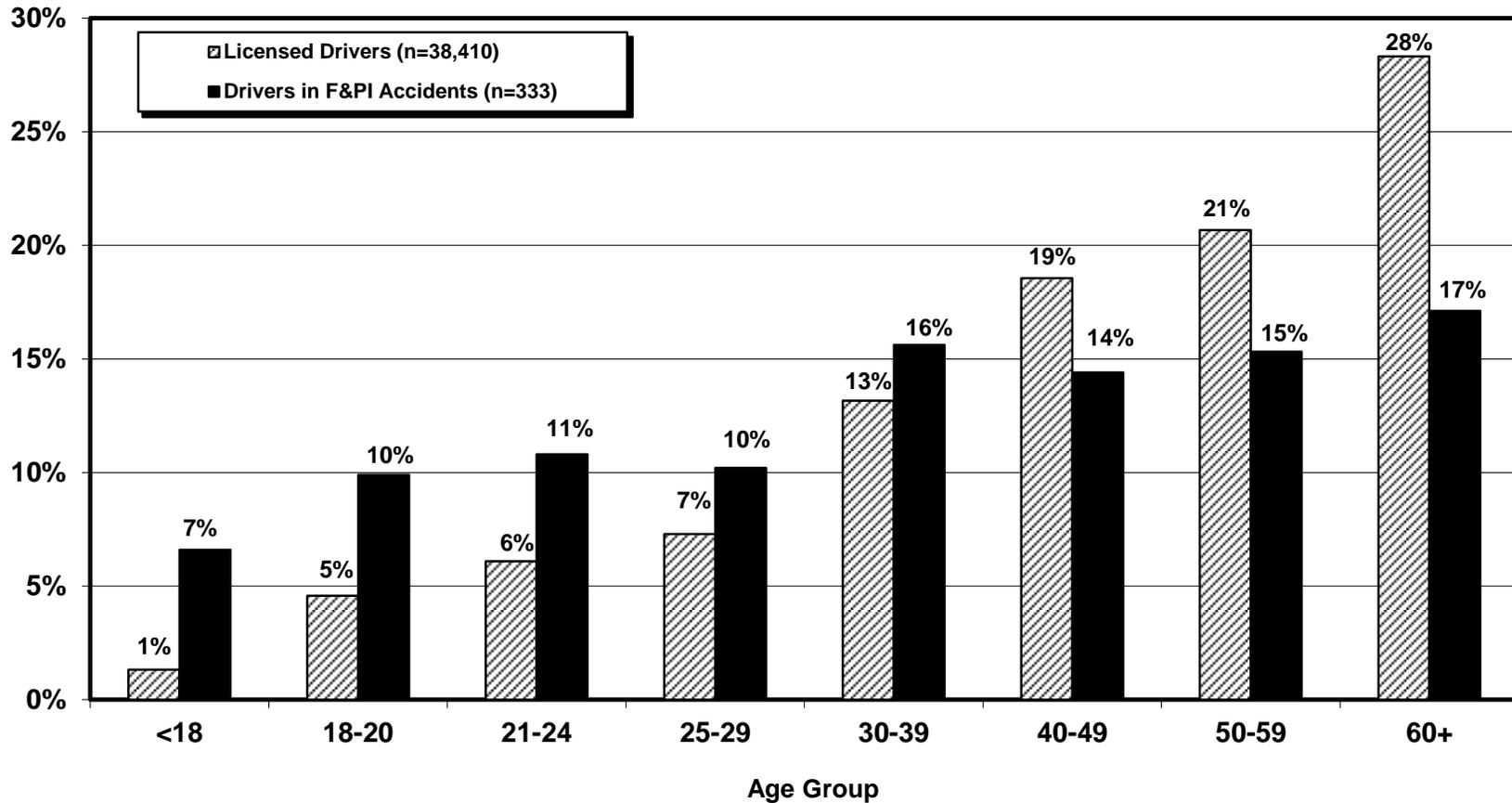
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For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

Note: Many accidents have multiple factors reported.

Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	331	100.0	16	349	100.0	11
Under Age 4	2	0.6	0	4	1.1	0
Ages 4-6	1	0.3	0	5	1.4	0
Ages 7-15	26	7.9	2	27	7.7	3
Ages 16-17	26	7.9	2	26	7.4	0
Ages 18-20	52	15.7	0	41	11.7	3
Ages 21-29	59	17.8	2	61	17.5	1
Ages 30-39	35	10.6	2	42	12.0	0
Ages 40-49	51	15.4	3	43	12.3	1
Ages 50-59	44	13.3	3	47	13.5	3
Ages 60-69	18	5.4	1	32	9.2	0
Ages 70 and Over	17	5.1	1	20	5.7	0
Unknown Age	0	0.0	0	1	0.3	0

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	317	100.0	292	100.0	310	100.0
No Restraint Used	17	5.4	27	9.2	33	10.6
Restraint Used	289	91.2	263	90.1	269	86.8
Unknown	11	3.5	2	0.7	8	2.6
Motorcyclists	24	100.0	15	100.0	17	100.0
No Helmet Used	0	0.0	0	0.0	2	11.8
Helmet Used	24	100.0	14	93.3	14	82.4
Unknown	0	0.0	1	6.7	1	5.9
Bicyclists	5	100.0	3	100.0	3	100.0
No Helmet Used	2	40.0	3	100.0	2	66.7
Helmet Used	0	0.0	0	0.0	1	33.3
Unknown	3	60.0	0	0.0	0	0.0

FIGURE 1
Tioga County 2010
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Accidents
by Age Group



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

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

Tioga County

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

Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2008			2009			2010			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
Towns															
Barton	4,555	8.8	139.7	12.5	32.6	24	0.2	31	24	0.2	31	22	0.2	43	
Berkshire	1,375	2.7	55.4	4.9	24.8	4	0.1	5	4	0.1	4	5	0.1	8	
Candor	4,416	8.6	163.6	14.6	27.0	20	0.1	24	22	0.1	31	24	0.1	29	
Newark Valley	3,090	6.0	82.9	7.4	37.3	15	0.2	19	20	0.2	31	18	0.2	23	
Nichols	2,023	3.9	80.5	7.2	25.1	22	0.3	25	21	0.3	34	23	0.3	25	
Owego	16,369	31.8	253.1	22.6	64.7	92	0.4	124	77	0.3	104	63	0.2	89	
Richford	1,172	2.3	64.9	5.8	18.1	13	0.2	18	9	0.1	10	6	0.1	9	
Spencer	2,266	4.4	83.1	7.4	27.3	10	0.1	12	4	<0.1	4	18	0.2	27	
Tioga	4,791	9.3	127.7	11.4	37.5	21	0.2	30	16	0.1	23	17	0.1	30	
Villages															
Candor	835	1.6	4.9	0.4	170.4	6	1.2	6	1	0.2	3	3	0.6	3	
Newark Valley	1,044	2.0	5.5	0.5	189.8	0	na	na	1	0.2	1	1	0.2	1	
Nichols	557	1.1	4.0	0.4	139.3	5	1.3	6	3	0.8	3	1	0.3	1	
Owego	3,811	7.4	22.7	2.0	167.9	30	1.3	40	26	1.1	32	23	1.0	29	
Spencer	713	1.4	9.0	0.8	79.2	2	0.2	2	1	0.1	1	4	0.4	6	
Waverly	4,518	8.8	24.2	2.2	186.7	18	0.7	21	12	0.5	18	16	0.7	23	
Other	unknown	na	na	na	na	0	na	na	1	na	1	2	na	3	
Tioga County Total	51,535		1121.1		46.0	282	0.3	363	242	0.2	331	246	0.2	349	
New York State	19,227,088		113342.8		169.6	136,054	1.2	188,384	134,948	1.2	187,182	135,270	1.2	188,758	

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

SECTION 2

Alcohol-Related Accident Summary Report

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

Tioga County

TABLE 1(P) Alcohol-Related (A-R) Accidents									
Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	38	9,202	0.4	57	8,873	0.6	50	8,613	0.6
Fatal Accidents	1	355	0.3	4	329	1.2	4	327	1.2
Non-Fatal Personal Injury Accidents	17	4,775	0.4	21	4,676	0.4	25	4,445	0.6
Reportable Property Damage Accidents	20	4,072	0.5	32	3,868	0.8	21	3,841	0.5
Manner of Collision									
Single Vehicle Accidents	26	5,033	0.5	44	4,843	0.9	40	4,798	0.8
Multiple Vehicle Accidents	12	4,169	0.3	13	4,030	0.3	10	3,815	0.3
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	0	428	0.0	1	432	0.2	0	408	0.0
A-R Bicycle/Motor Vehicle Accidents	0	106	0.0	0	118	0.0	1	100	1.0
A-R Motorcycle Accidents	2	220	0.9	2	191	1.0	2	227	0.9
Fatalities									
Persons Killed (1)	2	381	0.5	5	361	1.4	5	354	1.4
Drivers Killed	1	212	0.5	5	198	2.5	3	206	1.5
<i>Drinking Drivers</i>	1	192	0.5	4	175	2.3	3	191	1.6
<i>Non-Drinking Drivers</i>	0	20	0.0	1	23	4.3	0	15	0.0
Passengers Killed	1	77	1.3	0	64	0.0	2	64	3.1
Pedestrians Killed	0	82	0.0	0	91	0.0	0	79	0.0
Bicyclists Killed	0	10	0.0	0	8	0.0	0	5	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	21	6,886	0.3	27	6,810	0.4	36	6,337	0.6
Drivers Injured	17	4,396	0.4	18	4,321	0.4	19	4,031	0.5
Passengers Injured	4	1,979	0.2	6	1,959	0.3	17	1,815	0.9
Pedestrians Injured	0	360	0.0	3	369	0.8	0	344	0.0
Bicyclists Injured	0	94	0.0	0	107	0.0	0	95	0.0
Other	0	57	0.0	0	54	0.0	0	52	0.0

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

General Notes

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

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

Tioga County

TABLE 2(P) Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	50	24	2	0	24	0
Sunday	15	8	0	0	7	0
Monday	7	3	0	0	4	0
Tuesday	4	1	0	0	3	0
Wednesday	7	2	2	0	3	0
Thursday	6	3	0	0	3	0
Friday	4	2	0	0	2	0
Saturday	7	5	0	0	2	0

TABLE 3(P) Driver Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	47	100.0	60	100.0	55	100.0
Male	31	66.0	46	76.7	42	76.4
<i>Drinking Drivers</i>	25	53.2	45	75.0	37	67.3
<i>Non-Drinking Drivers</i>	6	12.8	1	1.7	5	9.1
Female	16	34.0	14	23.3	12	21.8
<i>Drinking Drivers</i>	13	27.7	10	16.7	11	20.0
<i>Non-Drinking Drivers</i>	3	6.4	4	6.7	1	1.8
Unknown	0	0.0	0	0.0	1	1.8
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	1	1.8
Drinking Drivers	38	100.0	55	100.0	48	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	18.4	3	5.5	7	14.6
Ages 21-29	17	44.7	27	49.1	18	37.5
Ages 30-39	2	5.3	8	14.5	9	18.8
Ages 40-49	10	26.3	10	18.2	8	16.7
Ages 50-59	2	5.3	6	10.9	5	10.4
Age 60 and Over	0	0.0	1	1.8	1	2.1
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	9	100.0	5	100.0	7	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	20.0	1	14.3
Ages 21-29	2	22.2	0	0.0	0	0.0
Ages 30-39	0	0.0	1	20.0	2	28.6
Ages 40-49	1	11.1	1	20.0	2	28.6
Ages 50-59	5	55.6	1	20.0	1	14.3
Age 60 and Over	1	11.1	1	20.0	0	0.0
Unknown Age	0	0.0	0	0.0	1	14.3

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

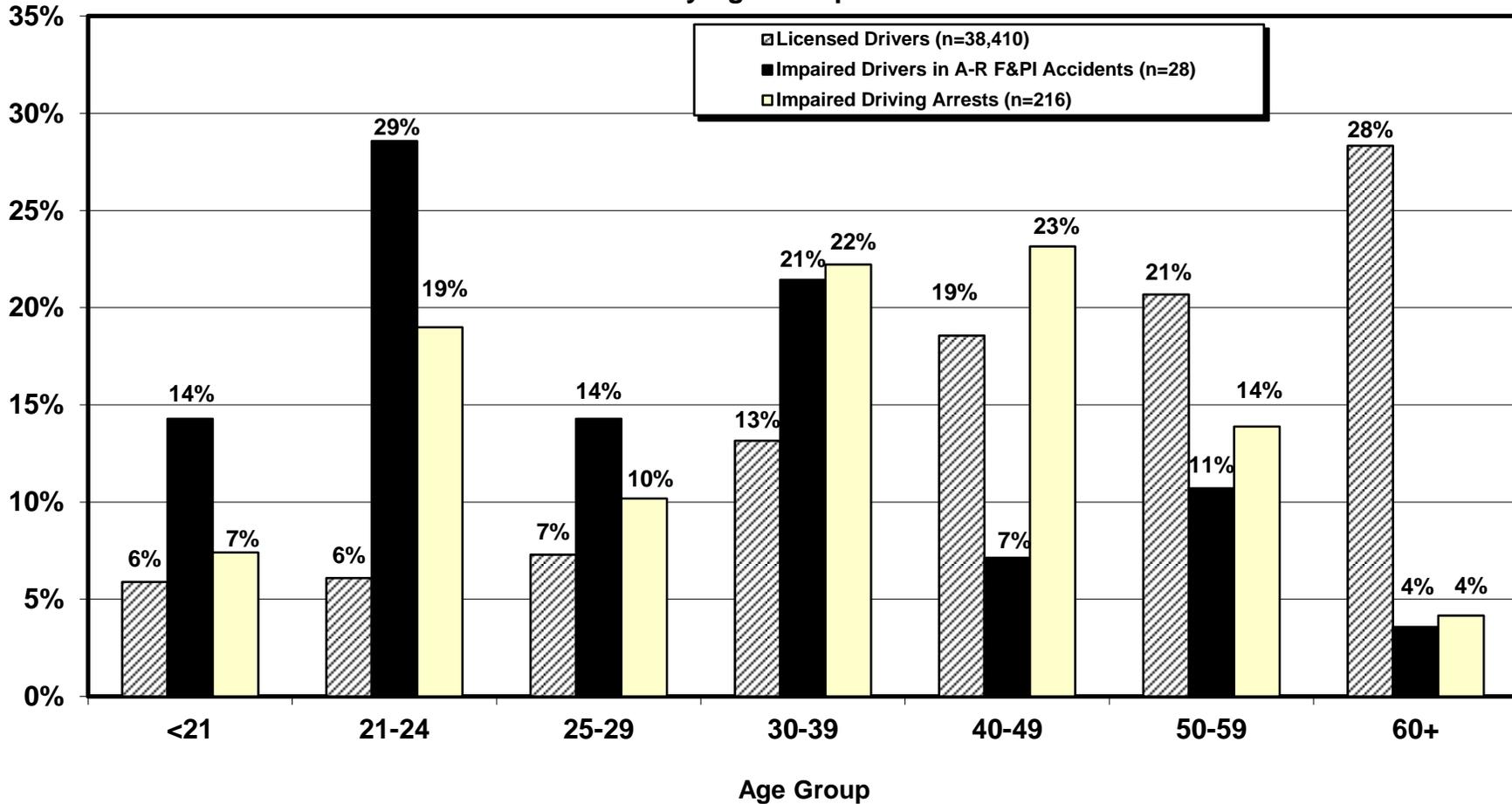
	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	38		57		50	
Driver Inattention/Distraction	4	10.5	0	0.0	4	8.0
Failure to Keep Right	6	15.8	10	17.5	9	18.0
Failure to Yield R.O.W.	1	2.6	2	3.5	1	2.0
Fell Asleep	0	0.0	2	3.5	0	0.0
Following Too Closely	4	10.5	0	0.0	1	2.0
Passing/Lane Violations	9	23.7	19	33.3	12	24.0
Traffic Control Disregarded	1	2.6	1	1.8	1	2.0
Unsafe Speed	8	21.1	12	21.1	13	26.0

Note: Many accidents have multiple factors reported.

Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	32	100.0	3	41	100.0	0
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	1	2.4	0
Ages 7-15	1	3.1	0	3	7.3	0
Ages 16-17	0	0.0	0	3	7.3	0
Ages 18-20	1	3.1	0	9	22.0	0
Ages 21-29	15	46.9	2	14	34.1	0
Ages 30-39	4	12.5	1	6	14.6	0
Ages 40-49	6	18.8	0	2	4.9	0
Ages 50-59	4	12.5	0	2	4.9	0
Ages 60-69	1	3.1	0	0	0.0	0
Ages 70 and Over	0	0.0	0	1	2.4	0
Unknown Age	0	0.0	0	0	0.0	0

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	21	100.0	27	100.0	39	100.0
No Restraint Used	4	19.0	8	29.6	17	43.6
Restraint Used	15	71.4	19	70.4	19	48.7
Unknown	2	9.5	0	0.0	3	7.7
Motorcyclists	2	100.0	2	100.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	2	100.0	2	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
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 2010
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Accidents, 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 accidents than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury accidents. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

SECTION 3

Speed-Related Accident Summary Report

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

Tioga County

TABLE 1(P) Speed-Related (S-R) Accidents

Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	152	32,234	0.5	94	28,877	0.3	114	28,168	0.4
Fatal Accidents	1	379	0.3	1	314	0.3	2	289	0.7
Non-Fatal Personal Injury Accidents	64	14,207	0.5	37	13,202	0.3	56	12,846	0.4
Reportable Property Damage Accidents	87	17,648	0.5	56	15,361	0.4	56	15,033	0.4
Manner of Collision									
Single Vehicle Accidents	119	20,115	0.6	78	17,351	0.4	93	16,991	0.5
Multiple Vehicle Accidents	33	12,119	0.3	16	11,526	0.1	21	11,177	0.2
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	369	0.0	0	382	0.0	0	411	0.0
S-R Bicycle/Motor Vehicle Accidents	0	93	0.0	0	121	0.0	0	130	0.0
S-R Motorcycle Accidents	3	854	0.4	1	755	0.1	1	846	0.1
Fatalities									
Persons Killed (1)	2	412	0.5	1	357	0.3	2	319	0.6
Drivers Killed	1	293	0.3	1	237	0.4	2	231	0.9
<i>Speeding Drivers</i>	1	271	0.4	1	211	0.5	2	220	0.9
<i>Non-Speeding Drivers</i>	0	22	0.0	0	26	0.0	0	11	0.0
Passengers Killed	1	90	1.1	0	87	0.0	0	70	0.0
Pedestrians Killed	0	29	0.0	0	31	0.0	0	16	0.0
Bicyclists Killed	0	0	0.0	0	2	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	81	20,595	0.4	56	19,326	0.3	85	18,910	0.4
Drivers Injured	61	13,818	0.4	36	12,890	0.3	54	12,556	0.4
Passengers Injured	20	6,235	0.3	20	5,853	0.3	31	5,723	0.5
Pedestrians Injured	0	364	0.0	0	386	0.0	0	422	0.0
Bicyclists Injured	0	90	0.0	0	121	0.0	0	128	0.0
Other	0	88	0.0	0	76	0.0	0	81	0.0

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

General Notes

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

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

Tioga County

TABLE 2(P) Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	114	24	31	36	23	0
Sunday	17	5	4	7	1	0
Monday	20	3	9	6	2	0
Tuesday	17	2	5	3	7	0
Wednesday	14	1	4	4	5	0
Thursday	17	5	4	7	1	0
Friday	15	3	3	6	3	0
Saturday	14	5	2	3	4	0

TABLE 3(P) Driver Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	182	100.0	106	100.0	127	100.0
Male	106	58.2	63	59.4	68	53.5
<i>Speeding Drivers</i>	92	50.5	55	51.9	61	48.0
<i>Non-Speeding Drivers</i>	14	7.7	8	7.5	7	5.5
Female	71	39.0	42	39.6	58	45.7
<i>Speeding Drivers</i>	65	35.7	39	36.8	52	40.9
<i>Non-Speeding Drivers</i>	6	3.3	3	2.8	6	4.7
Unknown	5	2.7	1	0.9	1	0.8
<i>Speeding Drivers</i>	3	1.6	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	2	1.1	1	0.9	1	0.8
Speeding Drivers	160	100.0	94	100.0	113	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	45	28.1	28	29.8	35	31.0
Ages 21-29	43	26.9	29	30.9	32	28.3
Ages 30-39	24	15.0	15	16.0	18	15.9
Ages 40-49	18	11.3	11	11.7	11	9.7
Ages 50-59	13	8.1	7	7.4	11	9.7
Age 60 and Over	14	8.8	4	4.3	6	5.3
Unknown Age	3	1.9	0	0.0	0	0.0
Non-Speeding Drivers	22	100.0	12	100.0	14	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	4.5	0	0.0	0	0.0
Ages 21-29	2	9.1	3	25.0	2	14.3
Ages 30-39	5	22.7	3	25.0	2	14.3
Ages 40-49	5	22.7	4	33.3	1	7.1
Ages 50-59	5	22.7	1	8.3	4	28.6
Age 60 and Over	2	9.1	0	0.0	4	28.6
Unknown Age	2	9.1	1	8.3	1	7.1

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

Tioga County

TABLE 4(P) Select Accident Contributing Factors						
	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	152		94		114	
Alcohol Involvement	8	5.3	12	12.8	15	13.2
Driver Inattention/Distraction	4	2.6	0	0.0	2	1.8
Driver Inexperience	2	1.3	4	4.3	2	1.8
Failure to Keep Right	12	7.9	8	8.5	11	9.6
Failure to Yield R.O.W.	2	1.3	1	1.1	0	0.0
Following Too Closely	2	1.3	4	4.3	5	4.4
Passing/Lane Violations	6	3.9	3	3.2	7	6.1
Traffic Control Disregarded	1	0.7	1	1.1	4	3.5

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2009-2010						
Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	57	100.0	0	87	100.0	0
Under Age 4	0	0.0	0	3	3.4	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	4	7.0	0	7	8.0	0
Ages 16-17	8	14.0	0	15	17.2	0
Ages 18-20	11	19.3	0	17	19.5	0
Ages 21-29	15	26.3	0	19	21.8	0
Ages 30-39	7	12.3	0	10	11.5	0
Ages 40-49	6	10.5	0	7	8.0	0
Ages 50-59	3	5.3	0	6	6.9	0
Ages 60-69	3	5.3	0	3	3.4	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	80	100.0	56	100.0	86	100.0
No Restraint Used	8	10.0	11	19.6	11	12.8
Restraint Used	68	85.0	45	80.4	71	82.6
Unknown	4	5.0	0	0.0	4	4.7
Motorcyclists	3	100.0	1	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	3	100.0	1	100.0	1	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
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 Accident Summary Report

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

Tioga County

TABLE 1 Accident Summary Totals									
Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	25	5,396	0.5	17	5,150	0.3	17	5,570	0.3
Fatal Accidents	0	184	0.0	1	152	0.7	1	180	0.6
Non-Fatal Personal Injury Accidents	22	4,593	0.5	14	4,347	0.3	16	4,757	0.3
Reportable Property Damage Accidents	3	619	0.5	2	651	0.3	0	633	0.0
Manner of Collision									
Single Motorcycle Accidents	19	2,392	0.8	13	2,270	0.6	13	2,426	0.5
Multiple Vehicle Accidents	6	3,004	0.2	4	2,880	0.1	4	3,144	0.1
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	84	0.0	0	63	0.0	0	79	0.0
Motorcycle/Bicycle Accidents	0	29	0.0	0	28	0.0	0	28	0.0
Fatalities									
Persons Killed (1)	0	188	0.0	1	155	0.6	1	185	0.5
Drivers Killed	0	175	0.0	1	146	0.7	1	173	0.6
<i>Motorcycle Operators</i>	0	175	0.0	1	146	0.7	1	172	0.6
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	8	0.0	0	5	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	7	0.0	0	5	0.0	0	11	0.0
<i>Passengers in Other Vehicles</i>	0	1	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	4	0.0	0	3	0.0	0	1	0.0
Bicyclists Killed	0	1	0.0	0	1	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	25	5,290	0.5	18	5,042	0.4	18	5,468	0.3
Drivers Injured	22	4,674	0.5	16	4,444	0.4	15	4,819	0.3
Passengers Injured	3	493	0.6	2	505	0.4	3	520	0.6
Pedestrians Injured	0	81	0.0	0	61	0.0	0	85	0.0
Bicyclists Injured	0	28	0.0	0	24	0.0	0	27	0.0
Other	0	14	0.0	0	8	0.0	0	17	0.0

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

General Notes

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

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

Tioga County

TABLE 2 Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	17	1	3	5	8	0
Sunday	3	1	0	1	1	0
Monday	2	0	0	1	1	0
Tuesday	0	0	0	0	0	0
Wednesday	0	0	0	0	0	0
Thursday	0	0	0	0	0	0
Friday	7	0	2	0	5	0
Saturday	5	0	1	3	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total MC Operators	25	100.0	18	100.0	17	100.0
Male	22	88.0	15	83.3	15	88.2
Female	3	12.0	3	16.7	2	11.8
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	1	4.0	0	0.0	0	0.0
Ages 16-20	1	4.0	2	11.1	0	0.0
Ages 21-29	5	20.0	5	27.8	4	23.5
Ages 30-39	8	32.0	3	16.7	5	29.4
Ages 40-49	3	12.0	4	22.2	3	17.6
Ages 50-59	4	16.0	3	16.7	4	23.5
Ages 60 and Over	3	12.0	1	5.6	1	5.9
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2008		2009		2010	
	#	%	#	%	#	%
Total MC Accidents	24		16		16	
Alcohol Involvement	2	8.3	1	6.3	2	12.5
Driver Inattention/Distraction	3	12.5	1	6.3	3	18.8
Driver Inexperience	5	20.8	3	18.8	0	0.0
Failure to Keep Right	1	4.2	0	0.0	2	12.5
Failure to Yield R.O.W.	2	8.3	2	12.5	2	12.5
Following Too Closely	1	4.2	0	0.0	1	6.3
Passing/Lane Violations	1	4.2	1	6.3	2	12.5
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	0	0.0	2	12.5	1	6.3
Unsafe Speed	3	12.5	1	6.3	1	6.3

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

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

Tioga County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2008		2009		2010	
	#	%	#	%	#	%
Age Group	24	100.0	16	100.0	18	100.0
Under Age 4	0	0.0	0	0.0	1	5.6
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	2	8.3	0	0.0	0	0.0
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	1	4.2	2	12.5	0	0.0
Ages 21-29	4	16.7	3	18.8	4	22.2
Ages 30-39	7	29.2	3	18.8	5	27.8
Ages 40-49	2	8.3	4	25.0	3	16.7
Ages 50-59	4	16.7	3	18.8	4	22.2
Ages 60-69	3	12.5	1	6.3	1	5.6
Ages 70 and Over	1	4.2	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2008		2009		2010	
	#	%	#	%	#	%
Motorcyclists	24	100.0	15	100.0	17	100.0
No Helmet Used	0	0.0	0	0.0	2	11.8
Helmet Used	24	100.0	14	93.3	14	82.4
Unknown	0	0.0	1	6.7	1	5.9

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2006	1,489	0.5	3,875	0.6
2007	1,620	0.5	3,981	0.6
2008	1,908	0.6	4,089	0.6
2009	2,000	0.6	4,232	0.6
2010	2,053	0.6	4,302	0.6

SECTION 5

Ticket Data

TIOGA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2008	2009	2010
TOTAL TICKETS ISSUED	15,244	13,420	13,525
SPEED (V&T 1180)	4,280	3,596	3,577
% of total tickets	28.1%	26.8%	26.4%
% convicted on same charge (of adjudicated cases)	92.8%	94.8%	94.9%
SAFETY RESTRAINTS (V&T 1229c)	1,287	1,228	951
% of total tickets	8.4%	9.2%	7.0%
% convicted on same charge (of adjudicated cases)	91.9%	91.9%	88.2%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	51	43	51
IMPAIRED DRIVING (V&T 1192)	312	364	376
% of total tickets	2.0%	2.7%	2.8%
Persons Arrested for Impaired Driving	(N=200)	(N=219)	(N=216)
Case adjudicated	98.5%	95.4%	96.8%
Case pending	1.5%	4.6%	3.2%
Adjudicated Cases*	(N=197)	(N=209)	(N=209)
Convicted on original 1192 charge	62.9%	61.7%	61.7%
Convicted on other 1192 charge	32.5%	32.5%	34.0%
Convicted on non-1192 charge	1.5%	1.0%	1.0%
Dismissed/Acquitted/Convicted on charge associated with different event	3.1%	4.8%	3.3%
* 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

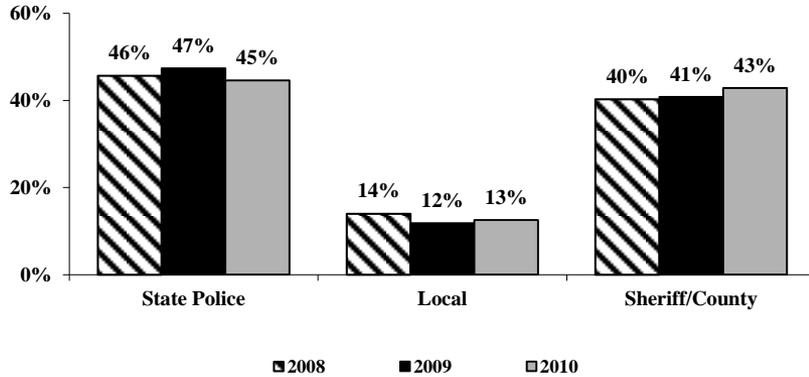
Probation Data for V&T 1192 and 511 Convictions

	2008	2009	2010
Number of Persons Sentenced to Probation	30	26	50
Number of Persons on Probation	139	117	120

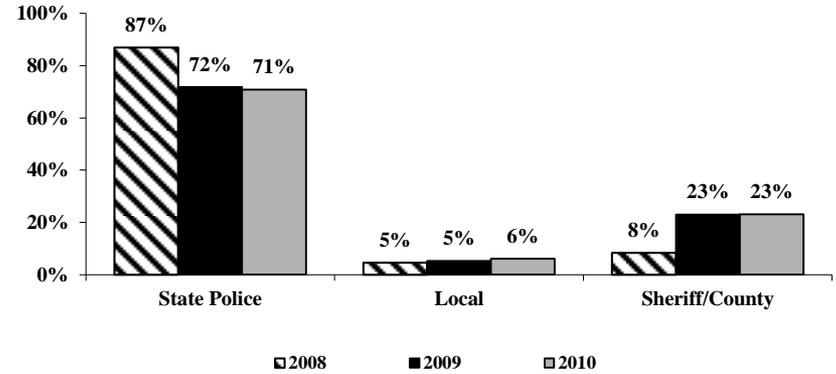
Source: NYS Division of Probation and Correctional Alternatives.

Tioga County Tickets Issued by TSLED Agencies By Agency Type

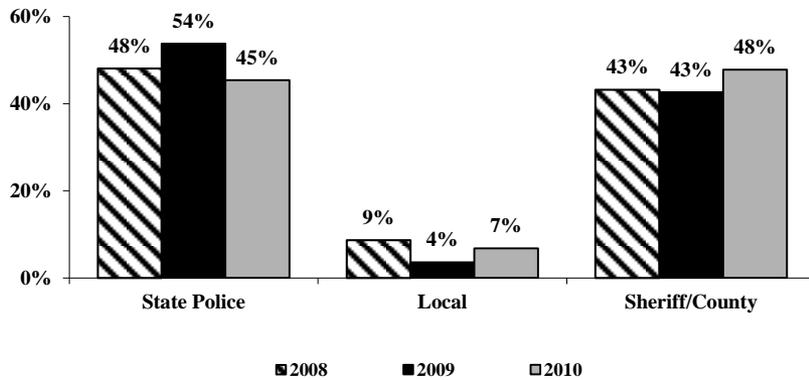
All Tickets



Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TIOGA COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2008			2009			2010		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	83	50.9	26.6	102	59.3	28.0	138	63.9	36.7
	speed	1,849	83.3	43.2	1,533	92.2	42.6	1,710	87.5	47.8
	seatbelt	108	63.9	8.4	282	81.5	23.0	220	79.1	23.1
Waverly P.D. NCIC 05320	alcohol	36	22.1	11.5	37	21.5	10.2	35	16.2	9.3
	speed	77	3.5	1.8	33	2.0	0.9	69	3.5	1.9
	seatbelt	22	13.0	1.7	17	4.9	1.4	26	9.4	2.7
Candor Village P.D. NCIC 05321	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	94	4.2	2.2	42	2.5	1.2	89	4.6	2.5
	seatbelt	4	2.4	0.3	0	0.0	0.0	0	0.0	0.0
Owego Village P.D. NCIC 05324	alcohol	44	27.0	14.1	33	19.2	9.1	43	19.9	11.4
	speed	184	8.3	4.3	52	3.1	1.4	83	4.2	2.3
	seatbelt	34	20.1	2.6	43	12.4	3.5	32	11.5	3.4
Spencer P.D. NCIC 05325	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	17	0.8	0.4	2	0.1	0.1	3	0.2	0.1
	seatbelt	1	0.6	0.1	4	1.2	0.3	0	0.0	0.0
Totals by Agency Type										
Sheriff and Local	alcohol	163		52.2	172		47.3	216		57.4
	speed	2,221		51.9	1,662		46.2	1,954		54.6
	seatbelt	169		13.1	346		28.2	278		29.2
State Police	alcohol	147		47.1	192		52.7	160		42.6
	speed	2,059		48.1	1,933		53.8	1,623		45.4
	seatbelt	1,118		86.9	882		71.8	673		70.8
Other	alcohol	2		0.6	0		0.0	0		0.0
	speed	0		0.0	1		<0.1	0		0.0
	seatbelt	0		0.0	0		0.0	0		0.0
County Totals										
	alcohol	312			364			376		
	speed	4,280			3,596			3,577		
	seatbelt	1,287			1,228			951		

Source: NYS DMV

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