

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 2010-2012. Four summary reports provide detailed crash data for the three years 2010-2012. 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	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	851	315,377	0.3	868	307,550	0.3	756	294,757	0.3
Fatal Crashes	5	1,119	0.4	8	1,077	0.7	8	1,082	0.7
Non-Fatal Personal Injury Crashes	241	134,151	0.2	220	128,036	0.2	196	123,296	0.2
Reportable Property Damage Crashes	605	180,107	0.3	640	178,437	0.4	552	170,379	0.3
Manner of Collision									
Single Vehicle Crashes	550	101,471	0.5	577	98,836	0.6	494	97,456	0.5
Multiple Vehicle Crashes	301	213,906	0.1	291	208,714	0.1	262	197,301	0.1
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	8	16,357	<0.1	9	15,928	0.1	8	15,832	0.1
Bicycle/Motor Vehicle Crashes	4	6,276	0.1	3	6,076	<0.1	5	6,137	0.1
Motorcycle Crashes	17	5,570	0.3	20	5,336	0.4	14	5,916	0.2
Fatalities									
Persons Killed (1)	6	1,192	0.5	9	1,153	0.8	9	1,163	0.8
Drivers Killed	4	646	0.6	6	597	1.0	4	612	0.7
Passengers Killed	2	198	1.0	2	203	1.0	1	194	0.5
Pedestrians Killed	0	311	0.0	1	296	0.3	2	312	0.6
Bicyclists Killed	0	36	0.0	0	57	0.0	2	45	4.4
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	343	187,566	0.2	303	177,445	0.2	256	169,206	0.2
Drivers Injured	221	112,104	0.2	212	106,335	0.2	180	101,605	0.2
Passengers Injured	110	52,421	0.2	80	48,677	0.2	66	45,532	0.1
Pedestrians Injured	8	16,090	<0.1	8	15,689	0.1	7	15,607	<0.1
Bicyclists Injured	3	6,058	<0.1	3	5,883	0.1	3	5,929	0.1
Other	1	893	0.1	0	861	0.0	0	533	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**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	166.45	170.05	149.77
Crash Rate per 10,000 Licensed Drivers	221.56	230.13	201.17
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	68.26	61.12	52.50
Fatality & Injury Rate per 10,000 Licensed Drivers	90.86	82.72	70.52

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	756	117	213	253	157	16
Sunday	94	18	19	32	21	4
Monday	116	12	37	45	21	1
Tuesday	103	14	33	38	16	2
Wednesday	99	12	36	26	24	1
Thursday	116	13	29	48	25	1
Friday	115	23	31	36	20	5
Saturday	113	25	28	28	30	2

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	737	100.0	738	100.0	677	100.0
State Police	217	29.4	242	32.8	209	30.9
County Police	400	54.3	370	50.1	359	53.0
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	120	16.3	126	17.1	109	16.1
Unknown	0	0.0	0	0.0	0	0.0

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

Tioga County

TABLE 4 Jurisdictional Road System						
	2010		2011		2012	
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						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	1,098	100.0	1,115	100.0	976	100.0
Male	619	56.4	646	57.9	565	57.9
Female	451	41.1	440	39.5	393	40.3
Unknown	28	2.6	29	2.6	18	1.8
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	159	14.5	125	11.2	127	13.0
Ages 21-29	192	17.5	232	20.8	181	18.5
Ages 30-39	167	15.2	155	13.9	152	15.6
Ages 40-49	190	17.3	179	16.1	149	15.3
Ages 50-59	179	16.3	183	16.4	153	15.7
Ages 60-69	96	8.7	111	10.0	113	11.6
Ages 70 and Over	86	7.8	100	9.0	82	8.4
Unknown Age	29	2.6	30	2.7	19	1.9

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	737		738		677	
Alcohol Involvement*	47	6.4	36	4.9	30	4.4
Backing Unsafely	28	3.8	19	2.6	31	4.6
Driver Inattention/Distraction	101	13.7	57	7.7	74	10.9
Driver Inexperience	15	2.0	11	1.5	18	2.7
Failure to Keep Right	41	5.6	32	4.3	29	4.3
Failure to Yield R.O.W.	64	8.7	67	9.1	64	9.5
Following Too Closely	68	9.2	74	10.0	54	8.0
Passing/Lane Violations	78	10.6	75	10.2	60	8.9
Traffic Control Disregarded	16	2.2	14	1.9	15	2.2
Turning Improperly	20	2.7	15	2.0	14	2.1
Unsafe Speed*	109	14.8	125	16.9	95	14.0

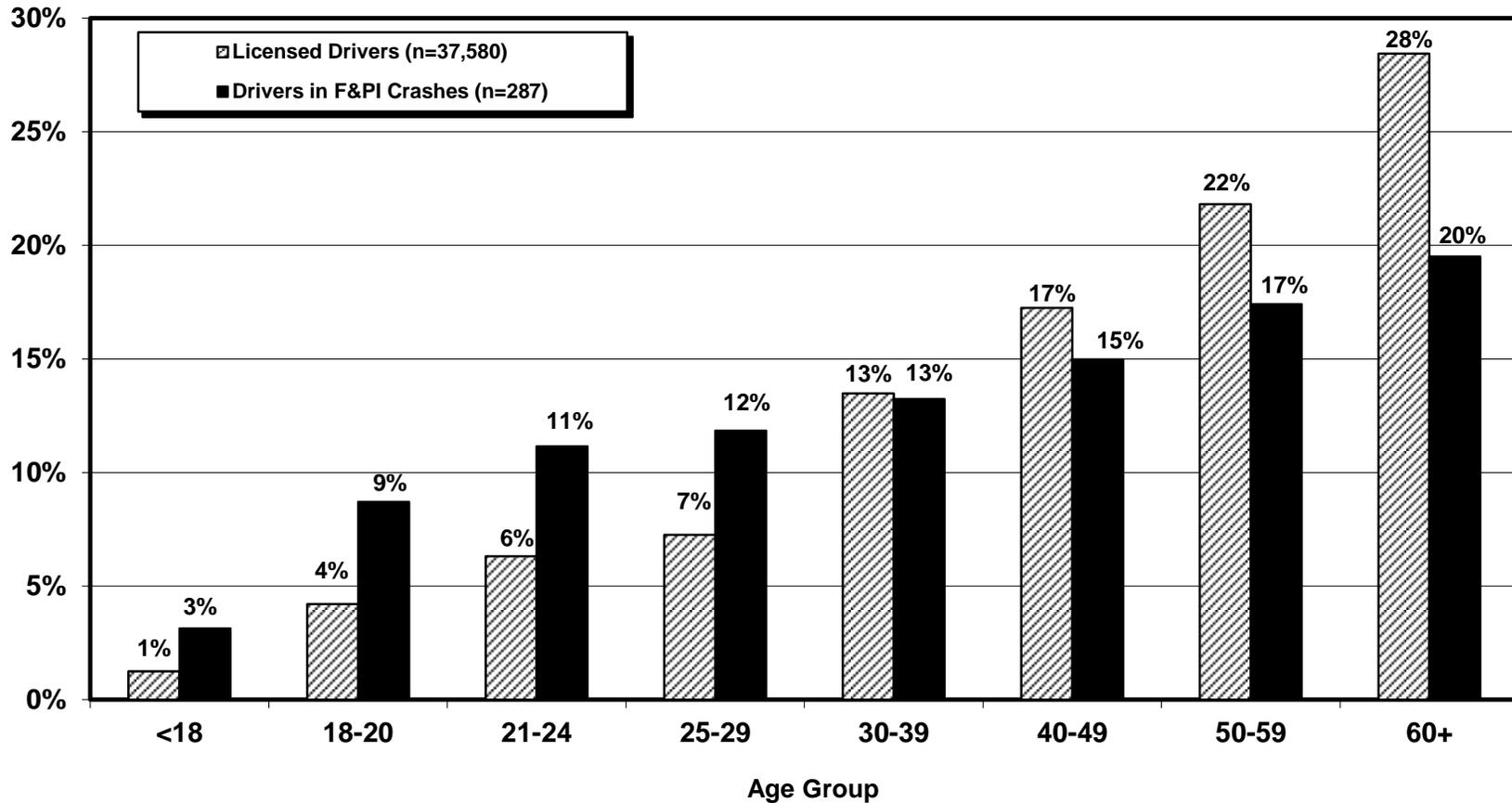
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	312	100.0	12	265	100.0	14
Under Age 4	3	1.0	0	5	1.9	0
Ages 4-6	6	1.9	0	7	2.6	1
Ages 7-15	22	7.1	3	13	4.9	1
Ages 16-17	14	4.5	0	15	5.7	0
Ages 18-20	33	10.6	1	22	8.3	1
Ages 21-29	73	23.4	3	52	19.6	0
Ages 30-39	32	10.3	1	34	12.8	3
Ages 40-49	36	11.5	2	34	12.8	2
Ages 50-59	41	13.1	0	36	13.6	3
Ages 60-69	25	8.0	0	25	9.4	1
Ages 70 and Over	26	8.3	1	20	7.5	1
Unknown Age	1	0.3	1	2	0.8	1

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	310	100.0	274	100.0	238	100.0
No Restraint Used	33	10.6	41	15.0	26	10.9
Restraint Used	269	86.8	227	82.8	206	86.6
Unknown	8	2.6	6	2.2	6	2.5
Motorcyclists	17	100.0	18	100.0	11	100.0
No Helmet Used	2	11.8	4	22.2	0	0.0
Helmet Used	14	82.4	14	77.8	11	100.0
Unknown	1	5.9	0	0.0	0	0.0
Bicyclists	3	100.0	3	100.0	5	100.0
No Helmet Used	2	66.7	2	66.7	3	60.0
Helmet Used	1	33.3	0	0.0	1	20.0
Unknown	0	0.0	1	33.3	1	20.0

FIGURE 1
Tioga County 2012
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. One 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

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

Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2010			2011			2012			
						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	22	0.2	43	21	0.2	28	17	0.1	29	
Berkshire	1,375	2.7	55.4	4.9	24.8	5	0.1	8	9	0.2	11	5	0.1	6	
Candor	4,416	8.6	163.6	14.6	27.0	24	0.1	29	22	0.1	31	14	0.1	15	
Newark Valley	3,090	6.0	82.9	7.4	37.3	18	0.2	23	8	0.1	10	15	0.2	17	
Nichols	2,023	3.9	80.5	7.2	25.1	23	0.3	25	17	0.2	22	12	0.1	16	
Owego	16,369	31.8	253.1	22.6	64.7	63	0.2	89	73	0.3	103	63	0.2	82	
Richford	1,172	2.3	64.9	5.8	18.1	6	0.1	9	8	0.1	12	16	0.2	23	
Spencer	2,266	4.4	83.1	7.4	27.3	18	0.2	27	12	0.1	18	6	0.1	9	
Tioga	4,791	9.3	127.7	11.4	37.5	17	0.1	30	13	0.1	15	22	0.2	27	
Villages															
Candor	835	1.6	4.9	0.4	170.4	3	0.6	3	1	0.2	1	0	na	na	
Newark Valley	1,044	2.0	5.5	0.5	189.8	1	0.2	1	1	0.2	2	4	0.7	6	
Nichols	557	1.1	4.0	0.4	139.3	1	0.3	1	2	0.5	2	0	na	na	
Owego	3,811	7.4	22.7	2.0	167.9	23	1.0	29	26	1.1	38	14	0.6	15	
Spencer	713	1.4	9.0	0.8	79.2	4	0.4	6	2	0.2	2	1	0.1	1	
Waverly	4,518	8.8	24.2	2.2	186.7	16	0.7	23	12	0.5	16	13	0.5	17	
Other	unknown	na	na	na	na	2	na	3	1	na	1	2	na	2	
Tioga County Total	51,535		1121.1		46.0	246	0.2	349	228	0.2	312	204	0.2	265	
New York State	19,227,088		113342.8		169.6	135,270	1.2	188,758	129,113	1.1	178,598	124,378	1.1	170,369	

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

SECTION 2

Alcohol-Related Crash Summary Report

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

Tioga County

TABLE 1(P) Alcohol-Related (A-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	50	8,613	0.6	39	8,461	0.5	33	8,633	0.4
Fatal Crashes	4	327	1.2	4	330	1.2	3	325	0.9
Non-Fatal Personal Injury Crashes	25	4,445	0.6	17	4,298	0.4	19	4,471	0.4
Reportable Property Damage Crashes	21	3,841	0.5	18	3,833	0.5	11	3,837	0.3
Manner of Collision									
Single Vehicle Crashes	40	4,798	0.8	26	4,646	0.6	26	4,725	0.6
Multiple Vehicle Crashes	10	3,815	0.3	13	3,815	0.3	7	3,908	0.2
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	0	408	0.0	0	460	0.0	2	495	0.4
A-R Bicycle/Motor Vehicle Crashes	1	100	1.0	0	105	0.0	0	118	0.0
A-R Motorcycle Crashes	2	227	0.9	1	204	0.5	1	215	0.5
Fatalities									
Persons Killed (1)	5	354	1.4	5	362	1.4	4	358	1.1
Drivers Killed	3	206	1.5	4	185	2.2	1	188	0.5
<i>Drinking Drivers</i>	3	191	1.6	3	170	1.8	1	171	0.6
<i>Non-Drinking Drivers</i>	0	15	0.0	1	15	6.7	0	17	0.0
Passengers Killed	2	64	3.1	1	73	1.4	1	62	1.6
Pedestrians Killed	0	79	0.0	0	91	0.0	2	99	2.0
Bicyclists Killed	0	5	0.0	0	13	0.0	0	9	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	36	6,337	0.6	22	6,121	0.4	24	6,303	0.4
Drivers Injured	19	4,031	0.5	18	3,874	0.5	19	4,011	0.5
Passengers Injured	17	1,815	0.9	4	1,726	0.2	5	1,741	0.3
Pedestrians Injured	0	344	0.0	0	382	0.0	0	404	0.0
Bicyclists Injured	0	95	0.0	0	91	0.0	0	105	0.0
Other	0	52	0.0	0	48	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
Alcohol-Related Motor Vehicle Crashes
Tioga County**

TABLE 2(P) Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	33	18	4	2	9	0
Sunday	7	6	0	0	1	0
Monday	3	2	0	0	1	0
Tuesday	1	1	0	0	0	0
Wednesday	5	1	2	0	2	0
Thursday	5	1	2	1	1	0
Friday	5	4	0	0	1	0
Saturday	7	3	0	1	3	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	55	100.0	45	100.0	37	100.0
Male	42	76.4	28	62.2	29	78.4
<i>Drinking Drivers</i>	37	67.3	25	55.6	25	67.6
<i>Non-Drinking Drivers</i>	5	9.1	3	6.7	4	10.8
Female	12	21.8	17	37.8	8	21.6
<i>Drinking Drivers</i>	11	20.0	13	28.9	6	16.2
<i>Non-Drinking Drivers</i>	1	1.8	4	8.9	2	5.4
Unknown	1	1.8	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	1.8	0	0.0	0	0.0
Drinking Drivers	48	100.0	38	100.0	31	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	14.6	2	5.3	3	9.7
Ages 21-29	18	37.5	14	36.8	10	32.3
Ages 30-39	9	18.8	7	18.4	5	16.1
Ages 40-49	8	16.7	8	21.1	7	22.6
Ages 50-59	5	10.4	3	7.9	6	19.4
Age 60 and Over	1	2.1	4	10.5	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	7	100.0	7	100.0	6	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	14.3	0	0.0	0	0.0
Ages 21-29	0	0.0	2	28.6	0	0.0
Ages 30-39	2	28.6	0	0.0	1	16.7
Ages 40-49	2	28.6	1	14.3	2	33.3
Ages 50-59	1	14.3	1	14.3	2	33.3
Age 60 and Over	0	0.0	3	42.9	1	16.7
Unknown Age	1	14.3	0	0.0	0	0.0

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

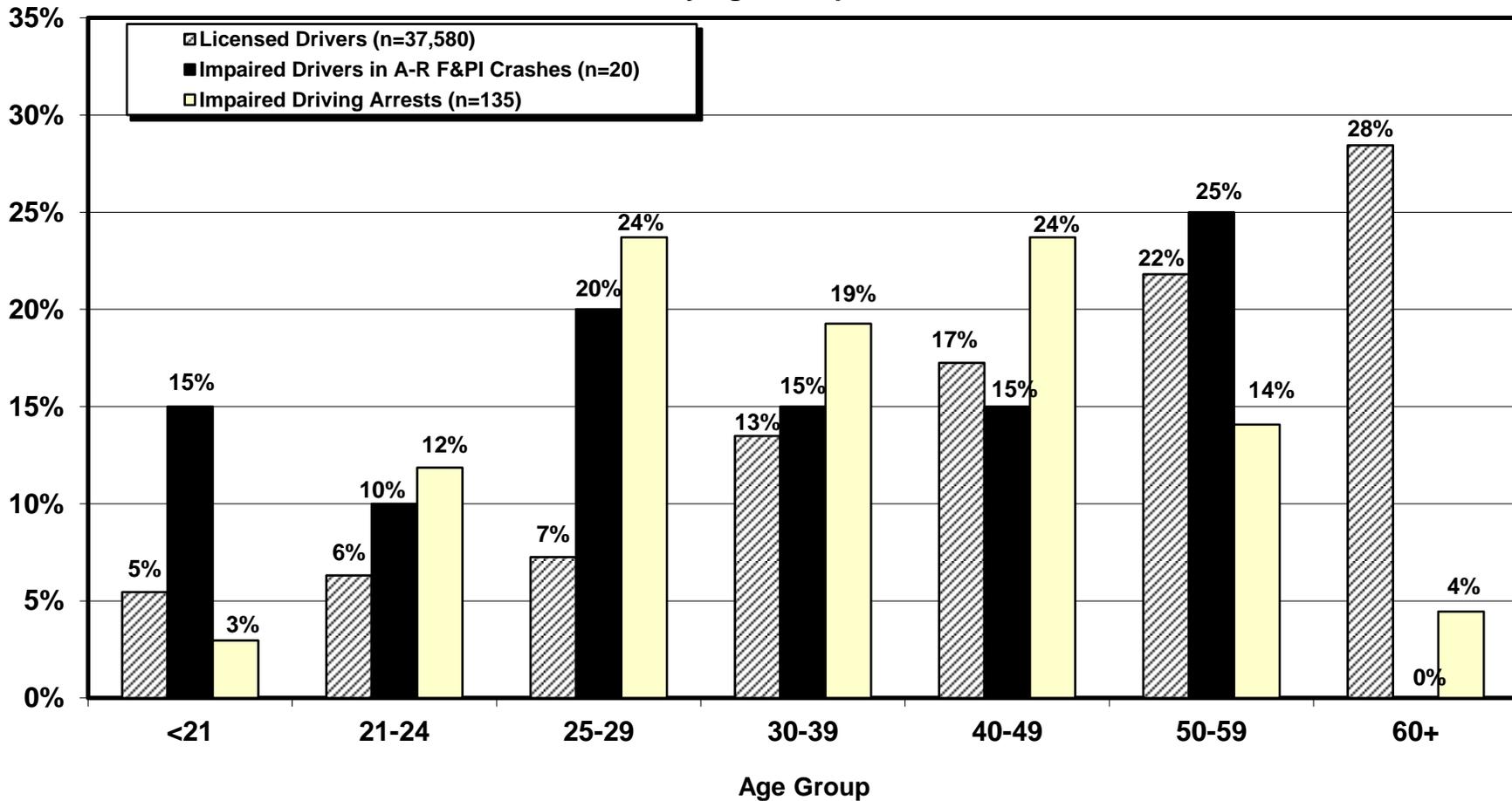
TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	50		39		33	
Driver Inattention/Distracted	4	8.0	1	2.6	1	3.0
Failure to Keep Right	9	18.0	10	25.6	4	12.1
Failure to Yield R.O.W.	1	2.0	2	5.1	3	9.1
Fell Asleep	0	0.0	4	10.3	0	0.0
Following Too Closely	1	2.0	0	0.0	0	0.0
Passing/Lane Violations	12	24.0	7	17.9	6	18.2
Traffic Control Disregarded	1	2.0	0	0.0	1	3.0
Unsafe Speed	13	26.0	6	15.4	11	33.3

Note: Many crashes have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2011-2012						
Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	27	100.0	0	28	100.0	2
Under Age 4	0	0.0	0	1	3.6	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	3.7	0	1	3.6	0
Ages 18-20	0	0.0	0	3	10.7	0
Ages 21-29	8	29.6	0	6	21.4	0
Ages 30-39	6	22.2	0	5	17.9	0
Ages 40-49	6	22.2	0	2	7.1	0
Ages 50-59	3	11.1	0	7	25.0	1
Ages 60-69	2	7.4	0	1	3.6	0
Ages 70 and Over	1	3.7	0	1	3.6	1
Unknown Age	0	0.0	0	1	3.6	0

TABLE 6(P) Reported Safety Equipment Use						
	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	39	100.0	26	100.0	25	100.0
No Restraint Used	17	43.6	12	46.2	1	4.0
Restraint Used	19	48.7	12	46.2	20	80.0
Unknown	3	7.7	2	7.7	4	16.0
Motorcyclists	2	100.0	1	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	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

FIGURE 1
Tioga County 2012
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

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	114	28,168	0.4	129	28,147	0.5	97	26,630	0.4
Fatal Crashes	2	289	0.7	2	284	0.7	1	310	0.3
Non-Fatal Personal Injury Crashes	56	12,846	0.4	45	12,838	0.4	36	12,216	0.3
Reportable Property Damage Crashes	56	15,033	0.4	82	15,025	0.5	60	14,104	0.4
Manner of Collision									
Single Vehicle Crashes	93	16,991	0.5	112	16,379	0.7	79	15,812	0.5
Multiple Vehicle Crashes	21	11,177	0.2	17	11,768	0.1	18	10,818	0.2
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	0	411	0.0	1	488	0.2	0	465	0.0
S-R Bicycle/Motor Vehicle Crashes	0	130	0.0	0	133	0.0	0	113	0.0
S-R Motorcycle Crashes	1	846	0.1	2	808	0.2	3	876	0.3
Fatalities									
Persons Killed (1)	2	319	0.6	2	319	0.6	1	348	0.3
Drivers Killed	2	231	0.9	1	211	0.5	1	242	0.4
<i>Speeding Drivers</i>	2	220	0.9	1	195	0.5	1	215	0.5
<i>Non-Speeding Drivers</i>	0	11	0.0	0	16	0.0	0	27	0.0
Passengers Killed	0	70	0.0	1	91	1.1	0	77	0.0
Pedestrians Killed	0	16	0.0	0	17	0.0	0	27	0.0
Bicyclists Killed	0	2	0.0	0	0	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)	85	18,910	0.4	57	18,843	0.3	52	17,999	0.3
Drivers Injured	54	12,556	0.4	43	12,382	0.3	36	11,899	0.3
Passengers Injured	31	5,723	0.5	13	5,730	0.2	16	5,480	0.3
Pedestrians Injured	0	422	0.0	1	514	0.2	0	462	0.0
Bicyclists Injured	0	128	0.0	0	130	0.0	0	114	0.0
Other	0	81	0.0	0	87	0.0	0	44	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
Total	97	24	26	26	21	0
Sunday	12	4	3	3	2	0
Monday	15	5	4	3	3	0
Tuesday	4	2	1	1	0	0
Wednesday	16	2	4	7	3	0
Thursday	17	2	5	5	5	0
Friday	9	3	3	2	1	0
Saturday	24	6	6	5	7	0

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	127	100.0	141	100.0	112	100.0
Male	68	53.5	81	57.4	82	73.2
<i>Speeding Drivers</i>	61	48.0	74	52.5	71	63.4
<i>Non-Speeding Drivers</i>	7	5.5	7	5.0	11	9.8
Female	58	45.7	58	41.1	30	26.8
<i>Speeding Drivers</i>	52	40.9	55	39.0	25	22.3
<i>Non-Speeding Drivers</i>	6	4.7	3	2.1	5	4.5
Unknown	1	0.8	2	1.4	0	0.0
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	1	0.8	2	1.4	0	0.0
Speeding Drivers	113	100.0	129	100.0	96	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	35	31.0	28	21.7	22	22.9
Ages 21-29	32	28.3	41	31.8	33	34.4
Ages 30-39	18	15.9	21	16.3	12	12.5
Ages 40-49	11	9.7	15	11.6	10	10.4
Ages 50-59	11	9.7	10	7.8	10	10.4
Age 60 and Over	6	5.3	14	10.9	9	9.4
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Speeding Drivers	14	100.0	12	100.0	16	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	2	16.7	1	6.3
Ages 21-29	2	14.3	1	8.3	6	37.5
Ages 30-39	2	14.3	1	8.3	0	0.0
Ages 40-49	1	7.1	1	8.3	2	12.5
Ages 50-59	4	28.6	2	16.7	4	25.0
Age 60 and Over	4	28.6	3	25.0	3	18.8
Unknown Age	1	7.1	2	16.7	0	0.0

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

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	114		129		97	
Alcohol Involvement	15	13.2	8	6.2	11	11.3
Driver Inattention/Distraction	2	1.8	2	1.6	0	0.0
Driver Inexperience	2	1.8	2	1.6	5	5.2
Failure to Keep Right	11	9.6	4	3.1	4	4.1
Failure to Yield R.O.W.	0	0.0	0	0.0	0	0.0
Following Too Closely	5	4.4	4	3.1	5	5.2
Passing/Lane Violations	7	6.1	7	5.4	10	10.3
Traffic Control Disregarded	4	3.5	1	0.8	3	3.1

Note: Many crashes have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2011-2012						
Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	59	100.0	1	53	100.0	0
Under Age 4	0	0.0	0	1	1.9	0
Ages 4-6	0	0.0	0	1	1.9	0
Ages 7-15	5	8.5	0	2	3.8	0
Ages 16-17	7	11.9	0	7	13.2	0
Ages 18-20	9	15.3	0	6	11.3	0
Ages 21-29	12	20.3	0	21	39.6	0
Ages 30-39	10	16.9	0	6	11.3	0
Ages 40-49	3	5.1	1	3	5.7	0
Ages 50-59	8	13.6	0	4	7.5	0
Ages 60-69	2	3.4	0	1	1.9	0
Ages 70 and Over	3	5.1	0	1	1.9	0
Unknown Age	0	0.0	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	86	100.0	56	100.0	50	100.0
No Restraint Used	11	12.8	13	23.2	8	16.0
Restraint Used	71	82.6	42	75.0	39	78.0
Unknown	4	4.7	1	1.8	3	6.0
Motorcyclists	1	100.0	2	100.0	3	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	2	100.0	3	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 Crash Summary Report

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

Tioga County

TABLE 1 Crash Summary Totals

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	17	5,570	0.3	20	5,336	0.4	14	5,916	0.2
Fatal Crashes	1	180	0.6	2	168	1.2	0	164	0.0
Non-Fatal Personal Injury Crashes	16	4,757	0.3	15	4,550	0.3	12	5,052	0.2
Reportable Property Damage Crashes	0	633	0.0	3	618	0.5	2	700	0.3
Manner of Collision									
Single Motorcycle Crashes	13	2,426	0.5	13	2,408	0.5	8	2,564	0.3
Multiple Vehicle Crashes	4	3,144	0.1	7	2,928	0.2	6	3,352	0.2
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	79	0.0	0	64	0.0	0	89	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	1	27	3.7	0	38	0.0
Fatalities									
Persons Killed (1)	1	185	0.5	2	171	1.2	0	173	0.0
Drivers Killed	1	173	0.6	2	162	1.2	0	155	0.0
<i>Motorcycle Operators</i>	1	172	0.6	2	162	1.2	0	154	0.0
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	11	0.0	0	6	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	11	0.0	0	6	0.0	0	10	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	1	0.0	0	3	0.0	0	6	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	18	5,468	0.3	18	5,180	0.3	11	5,820	0.2
Drivers Injured	15	4,819	0.3	16	4,604	0.3	11	5,129	0.2
Passengers Injured	3	520	0.6	1	485	0.2	0	562	0.0
Pedestrians Injured	0	85	0.0	0	59	0.0	0	88	0.0
Bicyclists Injured	0	27	0.0	1	22	4.5	0	31	0.0
Other	0	17	0.0	0	10	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

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	14	1	5	6	2	0
Sunday	3	0	1	1	1	0
Monday	2	0	1	1	0	0
Tuesday	0	0	0	0	0	0
Wednesday	2	0	1	0	1	0
Thursday	5	1	1	3	0	0
Friday	1	0	0	1	0	0
Saturday	1	0	1	0	0	0

TABLE 3 Motorcycle Operator Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	17	100.0	20	100.0	14	100.0
Male	15	88.2	18	90.0	13	92.9
Female	2	11.8	2	10.0	1	7.1
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	0	0.0
Ages 21-29	4	23.5	5	25.0	1	7.1
Ages 30-39	5	29.4	3	15.0	3	21.4
Ages 40-49	3	17.6	5	25.0	2	14.3
Ages 50-59	4	23.5	3	15.0	3	21.4
Ages 60 and Over	1	5.9	4	20.0	4	28.6
Unknown Age	0	0.0	0	0.0	1	7.1

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	16		19		13	
Alcohol Involvement	2	12.5	1	5.3	1	7.7
Driver Inattention/Distraction	3	18.8	3	15.8	1	7.7
Driver Inexperience	0	0.0	1	5.3	1	7.7
Failure to Keep Right	2	12.5	4	21.1	1	7.7
Failure to Yield R.O.W.	2	12.5	3	15.8	4	30.8
Following Too Closely	1	6.3	2	10.5	1	7.7
Passing/Lane Violations	2	12.5	1	5.3	0	0.0
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	1	6.3	0	0.0	0	0.0
Unsafe Speed	1	6.3	2	10.5	3	23.1

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	18	100.0	18	100.0	11	100.0
Under Age 4	1	5.6	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	0	0.0
Ages 21-29	4	22.2	6	33.3	1	9.1
Ages 30-39	5	27.8	2	11.1	3	27.3
Ages 40-49	3	16.7	4	22.2	2	18.2
Ages 50-59	4	22.2	2	11.1	2	18.2
Ages 60-69	1	5.6	2	11.1	3	27.3
Ages 70 and Over	0	0.0	2	11.1	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						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	17	100.0	18	100.0	11	100.0
No Helmet Used	2	11.8	4	22.2	0	0.0
Helmet Used	14	82.4	14	77.8	11	100.0
Unknown	1	5.9	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
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
2011	2,069	0.6	4,311	0.6
2012	2,120	0.6	4,352	0.6

SECTION 5

Ticket Data

TIOGA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED	13,525	12,491	11,514
SPEED (V&T 1180)	3,577	3,320	3,145
% of total tickets	26.4%	26.6%	27.3%
% convicted on same charge (of adjudicated cases)	94.9%	90.8%	91.7%
SAFETY RESTRAINTS (V&T 1229c)	951	698	555
% of total tickets	7.0%	5.6%	4.8%
% convicted on same charge (of adjudicated cases)	88.2%	86.6%	89.8%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>51</i>	<i>73</i>	<i>48</i>
IMPAIRED DRIVING (V&T 1192)	376	325	228
% of total tickets	2.8%	2.6%	2.0%
Persons Arrested for Impaired Driving	(N=216)	(N=188)	(N=135)
Case adjudicated	96.8%	89.9%	94.1%
Case pending	3.2%	10.1%	5.9%
Adjudicated Cases*	(N=209)	(N=169)	(N=127)
Convicted on original 1192 charge	61.7%	64.5%	60.6%
Convicted on other 1192 charge	34.0%	29.6%	36.2%
Convicted on non-1192 charge	1.0%	1.2%	0.0%
Dismissed/Acquitted/Convicted on charge associated with different event	3.3%	4.7%	3.2%

* 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

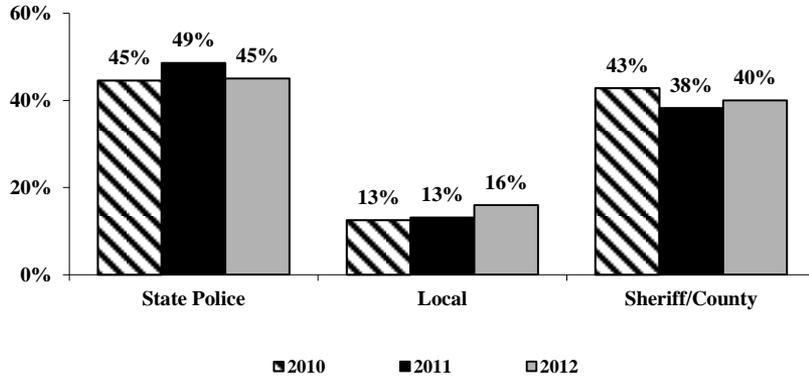
Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	50	30	37
Number of Persons on Probation	120	115	105

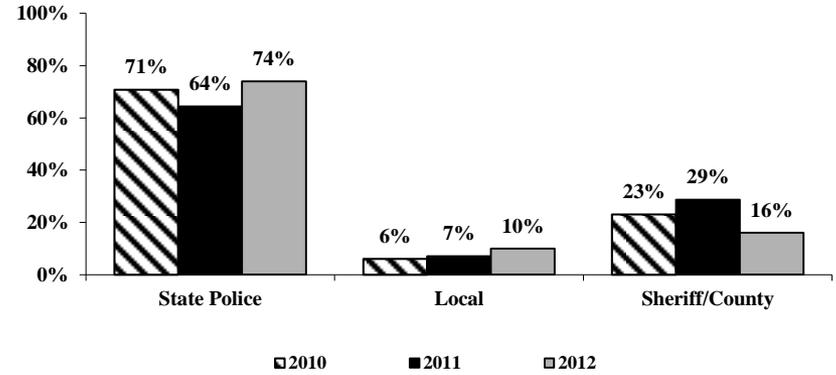
Source: NYS Division of Probation and Correctional Alternatives.

Tioga County Tickets Issued by TSLED Agencies By Agency Type

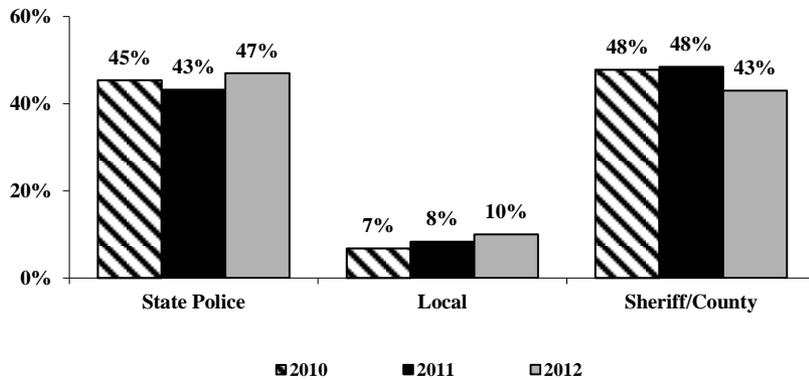
All Tickets



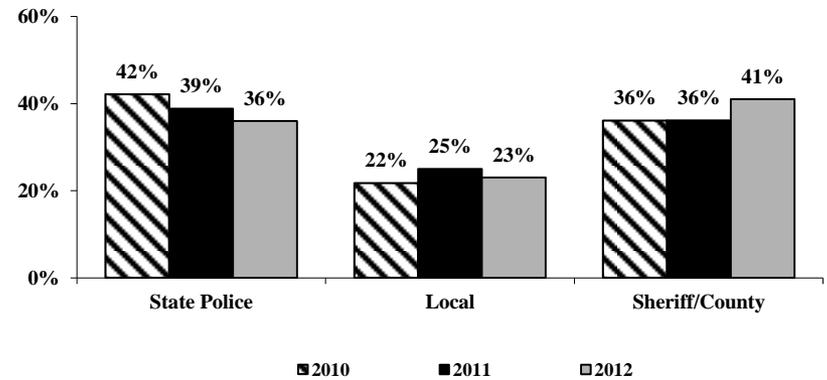
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TIOGA COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2010			2011			2012		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	138	63.9	36.7	120	60.3	36.9	90	62.9	39.5
	speed	1,710	87.5	47.8	1,609	85.4	48.5	1,351	80.9	43.0
	seatbelt	220	79.1	23.1	200	80.3	28.7	88	62.4	15.9
Waverly P.D. NCIC 05320	alcohol	35	16.2	9.3	37	18.6	11.4	21	14.7	9.2
	speed	69	3.5	1.9	41	2.2	1.2	68	4.1	2.2
	seatbelt	26	9.4	2.7	11	4.4	1.6	12	8.5	2.2
Candor Village P.D. NCIC 05321	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	89	4.6	2.5	87	4.6	2.6	62	3.7	2.0
	seatbelt	0	0.0	0.0	3	1.2	0.4	1	0.7	0.2
Owego Village P.D. NCIC 05324	alcohol	43	19.9	11.4	42	21.1	12.9	32	22.4	14.0
	speed	83	4.2	2.3	117	6.2	3.5	177	10.6	5.6
	seatbelt	32	11.5	3.4	26	10.4	3.7	36	25.5	6.5
Spencer P.D. NCIC 05325	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	3	0.2	0.1	31	1.6	0.9	12	0.7	0.4
	seatbelt	0	0.0	0.0	9	3.6	1.3	4	2.8	0.7
Totals by Agency Type										
Sheriff and Local	alcohol	216		57.4	199		61.2	143		62.7
	speed	1,954		54.6	1,885		56.8	1,670		53.1
	seatbelt	278		29.2	249		35.7	141		25.4
State Police	alcohol	160		42.6	126		38.8	85		37.3
	speed	1,623		45.4	1,434		43.2	1,472		46.8
	seatbelt	673		70.8	449		64.3	413		74.4
Other	alcohol	0		0.0	0		0.0	0		0.0
	speed	0		0.0	1		<0.1	3		0.1
	seatbelt	0		0.0	0		0.0	1		0.2
County Totals										
	alcohol	376			325			228		
	speed	3,577			3,320			3,145		
	seatbelt	951			698			555		

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