

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

February 2009

COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2005-2007. Four summary reports provide detailed accident data for the three years 2005-2007. 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

Institute for Traffic Safety Management and Research

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

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles

Empire State Plaza

Albany, New York 12228

Telephone: 518-474-5111

Contact Your GTSC Representative

RENEE BARCHITTA 518-473-6786 Rbarc@dmv.state.nv.us	RICH DEVLIN 518-486-4221 Rdevl@dmv.state.nv.us	JENNIFER HOGAN 518-473-7786 Jhoga1@dmv.state.nv.us	PAUL OVERBAUGH 518-486-5395 Poverbaugh@dmv.state.nv.us	CRAIG WHITTEN 518-486-6718 Cwhit@dmv.state.nv.us
Clinton	Cattaraugus	Albany	Cayuga	Allegany
Dutchess	Chautauqua	Columbia	Cortland	Broome
Essex	Erie	Fulton	Delaware	Chemung
Franklin	Genesee	Greene	Herkimer	Chenango
Hamilton	Niagara	Montgomery	Jefferson	Livingston
Orange	Orleans	Nassau	Lewis	Monroe
Putnam	Wyoming	New York City	Madison	Ontario
Rockland		Rensselaer	Oneida	Otsego
St. Lawrence		Saratoga	Onondaga	Schuyler
Sullivan		Schenectady	Oswego	Steuben
Ulster		Suffolk	Seneca	Tioga
Warren		Washington	Schoharie	Tompkins
Westchester			Wayne	Yates

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2005 - 2007	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report	3
Motorcycle Accident Summary Report	4
Ticket Data: 2005 - 2007	
Tickets Issued and Conviction Rates for Selected Violations	5
DWI/AI Probation Data	5
Tickets Issued by TSLED Agencies by Agency Type	5
TSLED Tickets Issued for Selected Violations by Enforcement Agency	5

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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	551	225,848	0.2	715	270,700	0.3	927	323,106	0.3
Fatal Accidents	4	1,308	0.3	6	1,330	0.5	9	1,220	0.7
Non-Fatal Personal Injury Accidents	294	146,643	0.2	243	138,311	0.2	287	139,117	0.2
Reportable Property Damage Accidents	253	77,897	0.3	466	131,059	0.4	631	182,769	0.3
Manner of Collision									
Single Vehicle Accidents	350	66,419	0.5	467	83,588	0.6	623	103,286	0.6
Multiple Vehicle Accidents	201	159,429	0.1	248	187,112	0.1	304	219,820	0.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	6	15,703	<0.1	4	15,702	<0.1	8	15,701	0.1
Bicycle/Motor Vehicle Accidents	4	5,807	0.1	6	5,565	0.1	6	5,535	0.1
Motorcycle Accidents	12	4,892	0.2	16	4,912	0.3	13	5,426	0.2
Fatalities									
Persons Killed (1)	6	1,410	0.4	8	1,433	0.6	9	1,317	0.7
Drivers Killed	4	770	0.5	5	801	0.6	7	762	0.9
Passengers Killed	2	264	0.8	3	269	1.1	1	231	0.4
Pedestrians Killed	0	328	0.0	0	315	0.0	1	272	0.4
Bicyclists Killed	0	47	0.0	0	45	0.0	0	50	0.0
Other	0	1	0.0	0	3	0.0	0	2	0.0
Non-Fatal Injuries									
Persons Injured (1)	389	206,514	0.2	330	195,644	0.2	379	194,255	0.2
Drivers Injured	278	126,615	0.2	231	119,411	0.2	281	119,314	0.2
Passengers Injured	102	57,991	0.2	87	54,629	0.2	84	53,261	0.2
Pedestrians Injured	5	15,392	<0.1	4	15,369	<0.1	8	15,472	0.1
Bicyclists Injured	4	5,680	0.1	7	5,426	0.1	6	5,373	0.1
Other	0	836	0.0	1	809	0.1	0	835	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	107.04	139.42	183.74
Crash Rate per 10,000 Licensed Drivers	144.55	185.77	236.68
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	76.74	65.91	76.90
Fatality & Injury Rate per 10,000 Licensed Drivers	103.62	87.82	99.07
Mean Severity of Injury (MSI)			
	1.48	1.52	1.47

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	927	107	234	305	245	36
Sunday	121	23	25	38	32	3
Monday	125	19	27	44	29	6
Tuesday	118	9	43	36	22	8
Wednesday	124	7	40	36	36	5
Thursday	145	11	43	46	40	5
Friday	162	12	31	68	45	6
Saturday	132	26	25	37	41	3

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	315	100.0	531	100.0	773	100.0
State Police	138	43.8	188	35.4	280	36.2
County Police	150	47.6	294	55.4	411	53.2
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	27	8.6	49	9.2	82	10.6
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						
	2005		2006		2007	
	#	%	#	%	#	%
Total	551	100.0	715	100.0	927	100.0
State Routes	289	52.5	382	53.4	466	50.3
County Routes	67	12.2	125	17.5	134	14.5
Town Routes	132	24.0	137	19.2	180	19.4
Municipal Routes	52	9.4	49	6.9	68	7.3
Parkways	0	0.0	1	0.1	0	0.0
Thruway	0	0.0	0	0.0	0	0.0
Other Interstates	0	0.0	1	0.1	0	0.0
Unknown	11	2.0	20	2.8	79	8.5

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	756	100.0	943	100.0	1,220	100.0
Male	394	52.1	555	58.9	694	56.9
Female	321	42.5	362	38.4	501	41.1
Unknown	41	5.4	26	2.8	25	2.0
Under Age 16	0	0.0	1	0.1	1	0.1
Ages 16-20	118	15.6	148	15.7	181	14.8
Ages 21-29	139	18.4	172	18.2	248	20.3
Ages 30-39	115	15.2	133	14.1	189	15.5
Ages 40-49	140	18.5	168	17.8	209	17.1
Ages 50-59	94	12.4	138	14.6	181	14.8
Ages 60-69	57	7.5	81	8.6	104	8.5
Ages 70 and Over	52	6.9	70	7.4	80	6.6
Unknown Age	41	5.4	32	3.4	27	2.2

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	315		531		773	
Alcohol Involvement*	21	6.7	36	6.8	57	7.4
Backing Unsafely	3	1.0	8	1.5	16	2.1
Driver Inattention/Distraction	41	13.0	52	9.8	84	10.9
Driver Inexperience	5	1.6	15	2.8	22	2.8
Failure to Keep Right	28	8.9	23	4.3	36	4.7
Failure to Yield R.O.W.	35	11.1	51	9.6	68	8.8
Following Too Closely	40	12.7	50	9.4	60	7.8
Passing/Lane Violations	24	7.6	55	10.4	38	4.9
Traffic Control Disregarded	5	1.6	14	2.6	13	1.7
Turning Improperly	4	1.3	4	0.8	18	2.3
Unsafe Speed*	61	19.4	68	12.8	139	18.0

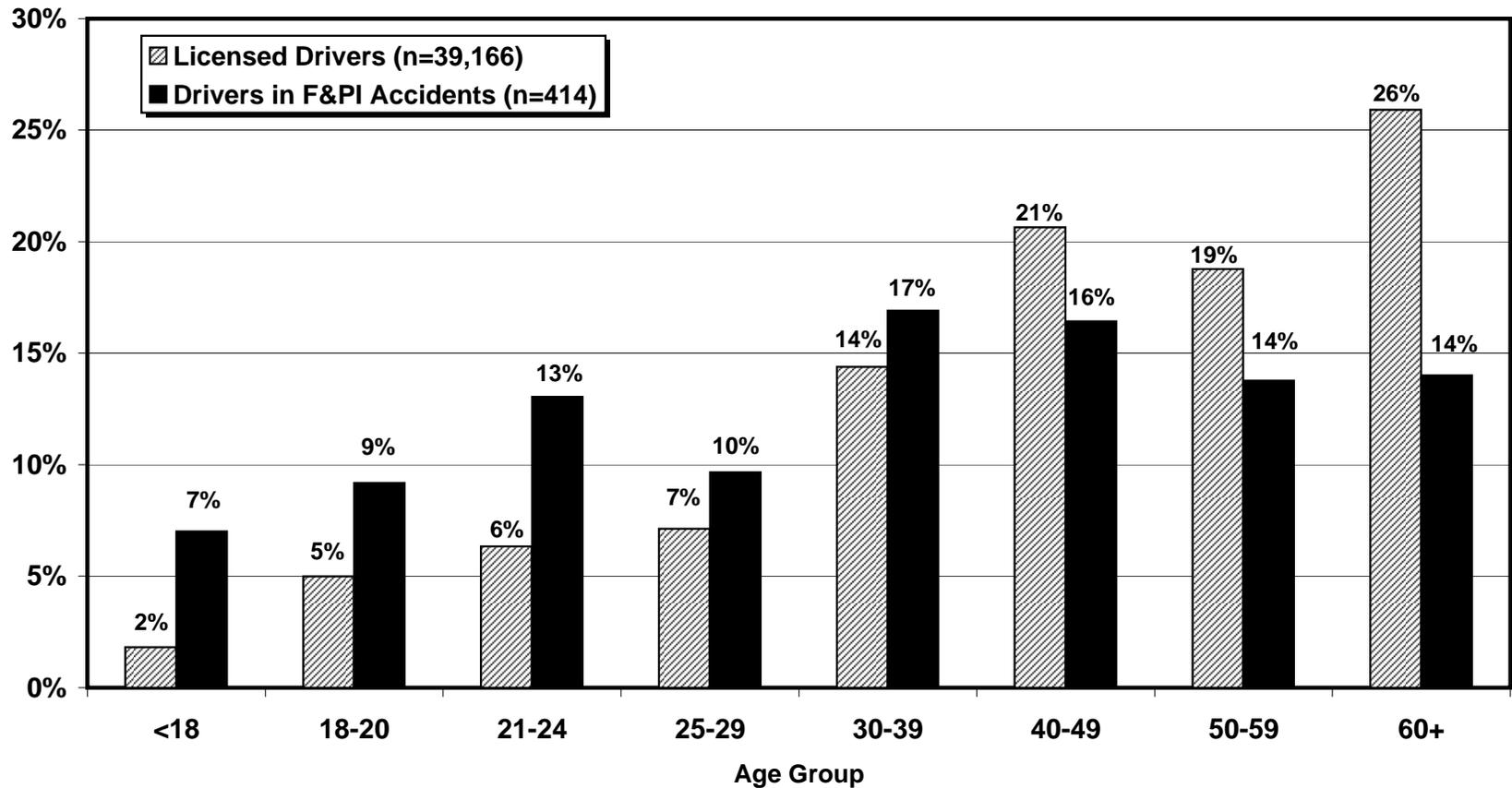
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	338	100.0	11	388	100.0	15
Under Age 4	5	1.5	0	3	0.8	1
Ages 4-6	4	1.2	0	4	1.0	1
Ages 7-15	17	5.0	2	17	4.4	2
Ages 16-17	37	10.9	2	26	6.7	0
Ages 18-20	41	12.1	1	39	10.1	1
Ages 21-29	70	20.7	1	80	20.6	1
Ages 30-39	42	12.4	1	60	15.5	3
Ages 40-49	43	12.7	1	61	15.7	2
Ages 50-59	32	9.5	2	48	12.4	2
Ages 60-69	22	6.5	0	27	7.0	0
Ages 70 and Over	19	5.6	0	20	5.2	1
Unknown Age	6	1.8	1	3	0.8	1

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	347	100.0	297	100.0	345	100.0
No Restraint Used	31	8.9	22	7.4	25	7.2
Restraint Used	311	89.6	271	91.2	301	87.2
Unknown	5	1.4	4	1.3	19	5.5
Motorcyclists	12	100.0	14	100.0	11	100.0
No Helmet Used	0	0.0	0	0.0	1	9.1
Helmet Used	12	100.0	14	100.0	10	90.9
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	4	100.0	7	100.0	6	100.0
No Helmet Used	1	25.0	3	42.9	3	50.0
Helmet Used	3	75.0	1	14.3	2	33.3
Unknown	0	0.0	3	42.9	1	16.7

FIGURE 1
Tioga County 2007
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 accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal accidents. 4 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 Mean Severity of Injury (MSI) by County Jurisdiction

Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2005			2006			2007			
						F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI	
Towns															
Barton	4,555	8.8	139.7	12.5	32.6	31	0.2	1.83	21	0.2	1.40	28	0.2	1.47	
Berkshire	1,375	2.7	55.4	4.9	24.8	5	0.1	1.20	5	0.1	1.50	5	0.1	1.60	
Candor	4,416	8.6	163.6	14.6	27.0	22	0.1	1.23	15	0.1	1.41	21	0.1	1.72	
Newark Valley	3,090	6.0	82.9	7.4	37.3	22	0.3	1.48	19	0.2	1.91	21	0.3	1.50	
Nichols	2,023	3.9	80.5	7.2	25.1	21	0.3	1.38	12	0.1	2.13	24	0.3	1.55	
Owego	16,369	31.8	253.1	22.6	64.7	80	0.3	1.41	68	0.3	1.36	92	0.4	1.42	
Richford	1,172	2.3	64.9	5.8	18.1	21	0.3	1.47	13	0.2	1.70	18	0.3	1.23	
Spencer	2,266	4.4	83.1	7.4	27.3	14	0.2	2.10	14	0.2	2.00	14	0.2	1.41	
Tioga	4,791	9.3	127.7	11.4	37.5	25	0.2	1.70	28	0.2	1.39	27	0.2	1.58	
Villages															
Candor	835	1.6	4.9	0.4	170.4	1	0.2	2.00	2	0.4	2.00	0	na	na	
Newark Valley	1,044	2.0	5.5	0.5	189.8	3	0.5	1.33	7	1.3	1.50	3	0.5	2.50	
Nichols	557	1.1	4.0	0.4	139.3	1	0.3	1.00	1	0.3	1.00	0	na	na	
Owego	3,811	7.4	22.7	2.0	167.9	27	1.2	1.29	26	1.1	1.31	24	1.1	1.46	
Spencer	713	1.4	9.0	0.8	79.2	1	0.1	1.00	0	na	na	5	0.6	1.14	
Waverly	4,518	8.8	24.2	2.2	186.7	23	1.0	1.29	15	0.6	1.47	13	0.5	1.43	
Other															
unknown	na	na	na	na	na	1	na	na	3	na	na	1	na	na	
Tioga															
County Total	51,535		1121.1		46.0	298	0.3	1.48	249	0.2	1.52	296	0.3	1.47	
New York State	19,227,088		113342.8		169.6	147,951	1.3	1.28	139,641	1.2	1.28	140,337	1.2	1.28	

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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	24	5,776	0.4	36	7,959	0.5	59	9,480	0.6
Fatal Accidents	2	350	0.6	0	359	0.0	3	344	0.9
Non-Fatal Personal Injury Accidents	22	5,270	0.4	24	5,111	0.5	38	4,991	0.8
Reportable Property Damage Accidents	0	156	0.0	12	2,489	0.5	18	4,145	0.4
Manner of Collision									
Single Vehicle Accidents	19	3,142	0.6	20	4,380	0.5	50	5,138	1.0
Multiple Vehicle Accidents	5	2,634	0.2	16	3,579	0.4	9	4,342	0.2
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	0	413	0.0	1	411	0.2	1	403	0.2
A-R Bicycle/Motor Vehicle Accidents	0	104	0.0	1	90	1.1	0	97	0.0
A-R Motorcycle Accidents	2	223	0.9	0	176	0.0	0	217	0.0
Fatalities									
Persons Killed (1)	3	382	0.8	0	397	0.0	3	373	0.8
Drivers Killed	2	217	0.9	0	235	0.0	2	239	0.8
<i>Drinking Drivers</i>	2	195	1.0	0	214	0.0	2	215	0.9
<i>Non-Drinking Drivers</i>	0	22	0.0	0	21	0.0	0	24	0.0
Passengers Killed	1	89	1.1	0	85	0.0	1	65	1.5
Pedestrians Killed	0	72	0.0	0	69	0.0	0	62	0.0
Bicyclists Killed	0	4	0.0	0	8	0.0	0	7	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	28	7,724	0.4	35	7,293	0.5	51	7,175	0.7
Drivers Injured	21	4,986	0.4	17	4,753	0.4	35	4,593	0.8
Passengers Injured	7	2,203	0.3	15	2,059	0.7	15	2,072	0.7
Pedestrians Injured	0	370	0.0	1	361	0.3	1	362	0.3
Bicyclists Injured	0	99	0.0	1	79	1.3	0	90	0.0
Other	0	66	0.0	1	41	2.4	0	58	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	59	28	3	12	16	0
Sunday	16	8	2	4	2	0
Monday	10	3	0	3	4	0
Tuesday	4	3	0	1	0	0
Wednesday	4	1	1	0	2	0
Thursday	4	1	0	1	2	0
Friday	9	4	0	2	3	0
Saturday	12	8	0	1	3	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	28	100.0	44	100.0	65	100.0
Male	21	75.0	32	72.7	50	76.9
<i>Drinking Drivers</i>	20	71.4	28	63.6	45	69.2
<i>Non-Drinking Drivers</i>	1	3.6	4	9.1	5	7.7
Female	7	25.0	12	27.3	15	23.1
<i>Drinking Drivers</i>	4	14.3	8	18.2	13	20.0
<i>Non-Drinking Drivers</i>	3	10.7	4	9.1	2	3.1
Unknown	0	0.0	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
Drinking Drivers	24	100.0	36	100.0	58	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	20.8	4	11.1	7	12.1
Ages 21-29	12	50.0	14	38.9	23	39.7
Ages 30-39	5	20.8	8	22.2	8	13.8
Ages 40-49	2	8.3	5	13.9	13	22.4
Ages 50-59	0	0.0	0	0.0	7	12.1
Age 60 and Over	0	0.0	4	11.1	0	0.0
Unknown Age	0	0.0	1	2.8	0	0.0
Non-Drinking Drivers	4	100.0	8	100.0	7	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	12.5	0	0.0
Ages 21-29	2	50.0	3	37.5	4	57.1
Ages 30-39	1	25.0	0	0.0	1	14.3
Ages 40-49	0	0.0	3	37.5	1	14.3
Ages 50-59	0	0.0	1	12.5	1	14.3
Age 60 and Over	1	25.0	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

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

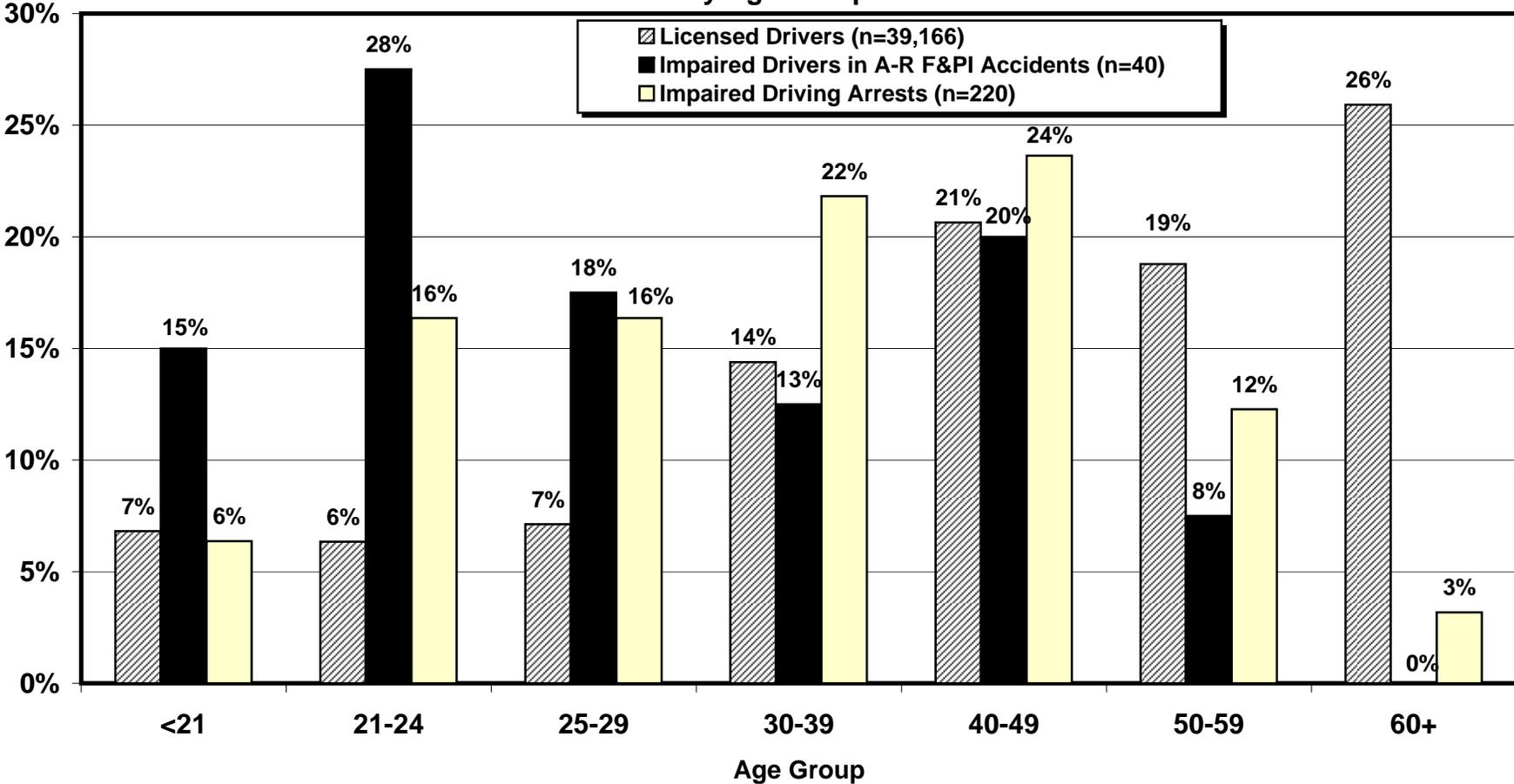
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	24		36		59	
Driver Inattention/Distracted	0	0.0	3	8.3	3	5.1
Failure to Keep Right	2	8.3	6	16.7	6	10.2
Failure to Yield R.O.W.	2	8.3	3	8.3	1	1.7
Fell Asleep	0	0.0	2	5.6	2	3.4
Following Too Closely	1	4.2	0	0.0	0	0.0
Passing/Lane Violations	4	16.7	7	19.4	7	11.9
Traffic Control Disregarded	0	0.0	1	2.8	0	0.0
Unsafe Speed	11	45.8	10	27.8	23	39.0

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	35	100.0	2	54	100.0	1
Under Age 4	1	2.9	0	0	0.0	0
Ages 4-6	1	2.9	0	0	0.0	0
Ages 7-15	2	5.7	0	0	0.0	0
Ages 16-17	2	5.7	1	1	1.9	0
Ages 18-20	3	8.6	0	7	13.0	0
Ages 21-29	11	31.4	0	22	40.7	0
Ages 30-39	5	14.3	0	8	14.8	1
Ages 40-49	4	11.4	1	12	22.2	0
Ages 50-59	1	2.9	0	4	7.4	0
Ages 60-69	1	2.9	0	0	0.0	0
Ages 70 and Over	3	8.6	0	0	0.0	0
Unknown Age	1	2.9	0	0	0.0	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	29	100.0	32	100.0	53	100.0
No Restraint Used	13	44.8	7	21.9	15	28.3
Restraint Used	15	51.7	23	71.9	34	64.2
Unknown	1	3.4	2	6.3	4	7.5
Motorcyclists	2	100.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	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	1	100.0	0	0.0

FIGURE 1
Tioga County 2007
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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	61	15,991	0.4	71	20,927	0.3	142	31,729	0.4
Fatal Accidents	1	378	0.3	2	391	0.5	3	369	0.8
Non-Fatal Personal Injury Accidents	50	13,884	0.4	46	13,048	0.4	65	14,405	0.5
Reportable Property Damage Accidents	10	1,729	0.6	23	7,488	0.3	74	16,955	0.4
Manner of Collision									
Single Vehicle Accidents	46	8,757	0.5	58	12,070	0.5	119	19,143	0.6
Multiple Vehicle Accidents	15	7,234	0.2	13	8,857	0.1	23	12,586	0.2
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	365	0.0	0	347	0.0	0	382	0.0
S-R Bicycle/Motor Vehicle Accidents	0	75	0.0	0	88	0.0	0	91	0.0
S-R Motorcycle Accidents	1	753	0.1	2	797	0.3	1	857	0.1
Fatalities									
Persons Killed (1)	2	422	0.5	2	439	0.5	3	406	0.7
Drivers Killed	1	290	0.3	1	305	0.3	2	277	0.7
<i>Speeding Drivers</i>	1	272	0.4	1	281	0.4	2	249	0.8
<i>Non-Speeding Drivers</i>	0	18	0.0	0	24	0.0	0	28	0.0
Passengers Killed	1	103	1.0	1	112	0.9	1	104	1.0
Pedestrians Killed	0	26	0.0	0	20	0.0	0	24	0.0
Bicyclists Killed	0	2	0.0	0	2	0.0	0	1	0.0
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	66	20,752	0.3	66	19,474	0.3	86	21,137	0.4
Drivers Injured	48	13,706	0.4	43	12,816	0.3	63	14,151	0.4
Passengers Injured	18	6,563	0.3	22	6,135	0.4	23	6,427	0.4
Pedestrians Injured	0	354	0.0	0	353	0.0	0	383	0.0
Bicyclists Injured	0	69	0.0	0	83	0.0	0	90	0.0
Other	0	60	0.0	1	87	1.1	0	86	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	142	24	26	62	30	0
Sunday	30	5	7	11	7	0
Monday	19	4	1	8	6	0
Tuesday	13	1	4	7	1	0
Wednesday	11	0	3	6	2	0
Thursday	27	2	8	10	7	0
Friday	21	2	1	14	4	0
Saturday	21	10	2	6	3	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	75	100.0	87	100.0	160	100.0
Male	42	56.0	62	71.3	106	66.3
<i>Speeding Drivers</i>	36	48.0	51	58.6	92	57.5
<i>Non-Speeding Drivers</i>	6	8.0	11	12.6	14	8.8
Female	30	40.0	21	24.1	53	33.1
<i>Speeding Drivers</i>	26	34.7	21	24.1	50	31.3
<i>Non-Speeding Drivers</i>	4	5.3	0	0.0	3	1.9
Unknown	3	4.0	4	4.6	1	0.6
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	3	4.0	4	4.6	1	0.6
Speeding Drivers	62	100.0	72	100.0	142	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	22	35.5	26	36.1	46	32.4
Ages 21-29	19	30.6	23	31.9	47	33.1
Ages 30-39	7	11.3	9	12.5	16	11.3
Ages 40-49	7	11.3	9	12.5	25	17.6
Ages 50-59	3	4.8	1	1.4	2	1.4
Age 60 and Over	4	6.5	4	5.6	6	4.2
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Speeding Drivers	13	100.0	15	100.0	18	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	6.7	0	0.0
Ages 21-29	3	23.1	0	0.0	4	22.2
Ages 30-39	2	15.4	0	0.0	1	5.6
Ages 40-49	2	15.4	3	20.0	4	22.2
Ages 50-59	2	15.4	3	20.0	6	33.3
Age 60 and Over	1	7.7	4	26.7	2	11.1
Unknown Age	3	23.1	4	26.7	1	5.6

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	61		71		142	
Alcohol Involvement	11	18.0	12	16.9	25	17.6
Driver Inattention/Distraction	3	4.9	0	0.0	5	3.5
Driver Inexperience	1	1.6	2	2.8	4	2.8
Failure to Keep Right	3	4.9	4	5.6	10	7.0
Failure to Yield R.O.W.	0	0.0	1	1.4	1	0.7
Following Too Closely	2	3.3	0	0.0	0	0.0
Passing/Lane Violations	0	0.0	7	9.9	0	0.0
Traffic Control Disregarded	0	0.0	1	1.4	2	1.4

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	68	100.0	0	89	100.0	0
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	2	2.9	0	4	4.5	0
Ages 16-17	15	22.1	0	10	11.2	0
Ages 18-20	14	20.6	0	14	15.7	0
Ages 21-29	15	22.1	0	29	32.6	0
Ages 30-39	6	8.8	0	11	12.4	0
Ages 40-49	6	8.8	0	12	13.5	0
Ages 50-59	3	4.4	0	2	2.2	0
Ages 60-69	3	4.4	0	4	4.5	0
Ages 70 and Over	4	5.9	0	2	2.2	0
Unknown Age	0	0.0	0	1	1.1	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	67	100.0	65	100.0	88	100.0
No Restraint Used	13	19.4	9	13.8	13	14.8
Restraint Used	53	79.1	55	84.6	67	76.1
Unknown	1	1.5	1	1.5	8	9.1
Motorcyclists	1	100.0	2	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	2	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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	12	4,892	0.2	16	4,912	0.3	13	5,426	0.2
Fatal Accidents	0	168	0.0	1	190	0.5	0	164	0.0
Non-Fatal Personal Injury Accidents	12	4,515	0.3	15	4,272	0.4	12	4,727	0.3
Reportable Property Damage Accidents	0	209	0.0	0	450	0.0	1	535	0.2
Manner of Collision									
Single Motorcycle Accidents	9	2,155	0.4	11	2,154	0.5	8	2,318	0.3
Multiple Vehicle Accidents	3	2,737	0.1	5	2,758	0.2	5	3,108	0.2
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	89	0.0	0	77	0.0	1	74	1.4
Motorcycle/Bicycle Accidents	0	17	0.0	0	29	0.0	0	19	0.0
Fatalities									
Persons Killed (1)	0	172	0.0	1	195	0.5	0	172	0.0
Drivers Killed	0	154	0.0	1	181	0.6	0	162	0.0
<i>Motorcycle Operators</i>	0	153	0.0	1	180	0.6	0	162	0.0
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	12	0.0	0	9	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	12	0.0	0	9	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	9	0.0	0	2	0.0	0	1	0.0
Bicyclists Killed	0	0	0.0	0	0	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)	13	5,304	0.2	16	4,951	0.3	13	5,503	0.2
Drivers Injured	12	4,592	0.3	16	4,338	0.4	12	4,830	0.2
Passengers Injured	1	606	0.2	0	513	0.0	0	579	0.0
Pedestrians Injured	0	81	0.0	0	71	0.0	1	71	1.4
Bicyclists Injured	0	16	0.0	0	26	0.0	0	15	0.0
Other	0	9	0.0	0	3	0.0	0	8	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	13	0	3	6	4	0
Sunday	4	0	0	3	1	0
Monday	1	0	1	0	0	0
Tuesday	0	0	0	0	0	0
Wednesday	2	0	0	0	2	0
Thursday	0	0	0	0	0	0
Friday	2	0	1	1	0	0
Saturday	4	0	1	2	1	0

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	12	100.0	16	100.0	14	100.0
Male	12	100.0	15	93.8	10	71.4
Female	0	0.0	1	6.3	3	21.4
Unknown	0	0.0	0	0.0	1	7.1
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	4	25.0	1	7.1
Ages 21-29	2	16.7	2	12.5	1	7.1
Ages 30-39	2	16.7	0	0.0	4	28.6
Ages 40-49	2	16.7	5	31.3	4	28.6
Ages 50-59	4	33.3	3	18.8	3	21.4
Ages 60 and Over	2	16.7	2	12.5	0	0.0
Unknown Age	0	0.0	0	0.0	1	7.1

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	11		15		12	
Alcohol Involvement	2	18.2	0	0.0	0	0.0
Driver Inattention/Distracted	3	27.3	0	0.0	1	8.3
Driver Inexperience	1	9.1	3	20.0	2	16.7
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	1	9.1	5	33.3	2	16.7
Following Too Closely	0	0.0	0	0.0	0	0.0
Passing/Lane Violations	3	27.3	1	6.7	1	8.3
Traffic Control Disregarded	0	0.0	1	6.7	0	0.0
Turning Improperly	0	0.0	0	0.0	0	0.0
Unsafe Speed	1	9.1	2	13.3	1	8.3

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

	2005		2006		2007	
	#	%	#	%	#	%
Age Group	13	100.0	15	100.0	11	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	0	0.0
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	0	0.0	4	26.7	1	9.1
Ages 21-29	2	15.4	2	13.3	1	9.1
Ages 30-39	2	15.4	0	0.0	3	27.3
Ages 40-49	3	23.1	5	33.3	4	36.4
Ages 50-59	4	30.8	2	13.3	2	18.2
Ages 60-69	2	15.4	2	13.3	0	0.0
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

	2005		2006		2007	
	#	%	#	%	#	%
Motorcyclists	12	100.0	14	100.0	11	100.0
No Helmet Used	0	0.0	0	0.0	1	9.1
Helmet Used	12	100.0	14	100.0	10	90.9
Unknown	0	0.0	0	0.0	0	0.0

	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	1,242	0.5	3,577	0.7
2004	1,308	0.5	3,807	0.7
2005	1,414	0.5	3,872	0.7
2006	1,489	0.5	3,875	0.6
2007	1,620	0.5	3,981	0.6

SECTION 5

Ticket Data

TIOGA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	12,879	12,602	13,759
SPEED (V&T 1180)	4,434	3,785	4,002
% of total tickets	34.4%	30.0%	29.1%
% convicted on same charge (of adjudicated cases)	77.8%	93.3%	93.4%
SAFETY RESTRAINTS (V&T 1229c)	955	895	1,141
% of total tickets	7.4%	7.1%	8.3%
% convicted on same charge (of adjudicated cases)	79.5%	92.1%	90.2%
IMPAIRED DRIVING (V&T 1192)	314	277	358
% of total tickets	2.4%	2.2%	2.6%
Persons Arrested for Impaired Driving	(N=187)	(N=163)	(N=220)
Case adjudicated	94.1%	95.1%	94.6%
Case pending	5.9%	4.9%	5.4%
Adjudicated Cases*	(N=176)	(N=155)	(N=208)
Convicted on original 1192 charge	68.2%	67.1%	56.7%
Convicted on other 1192 charge	25.0%	29.7%	37.0%
Convicted on non-1192 charge	1.1%	1.9%	1.0%
Dismissed/Acquitted/Convicted on charge associated with different event	5.7%	1.3%	5.3%
* 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

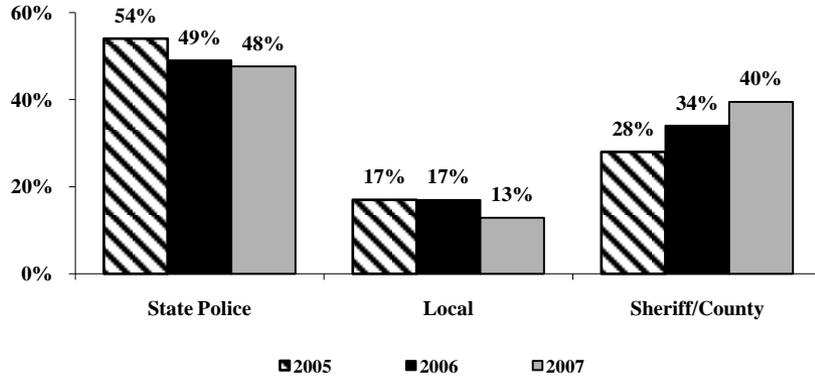
Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	50	34	41
Number of Persons on Probation	160	154	153

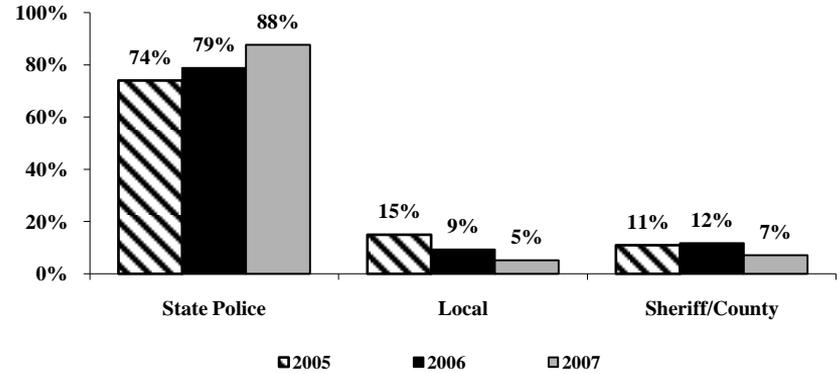
Source: NYS Division of Probation and Correctional Alternatives.

Tioga County Tickets Issued by TSLED Agencies By Agency Type

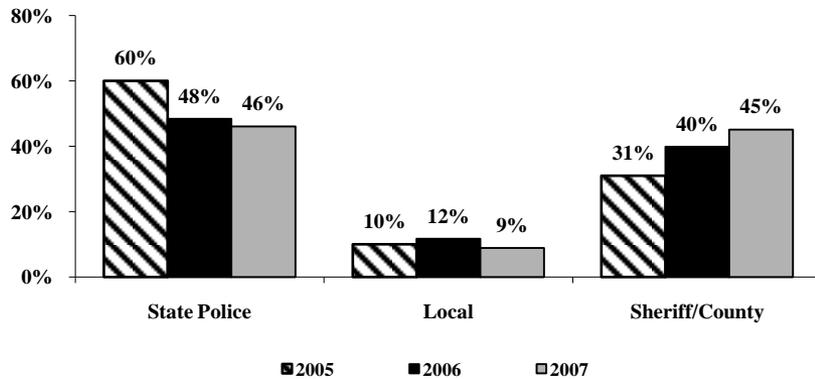
All Tickets



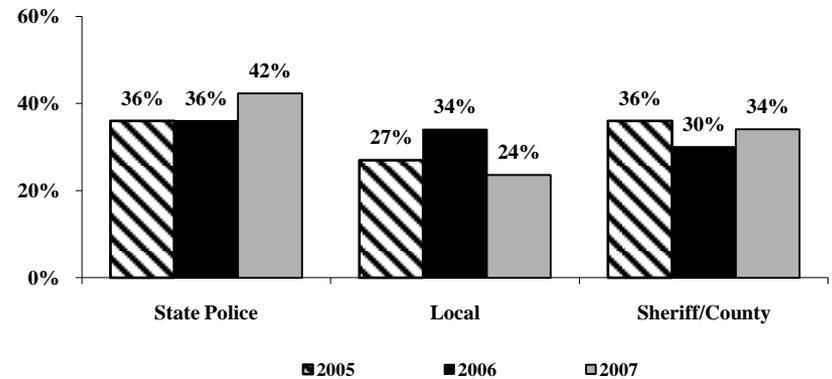
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TIOGA COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2005			2006			2007		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	113	57.1	36.0	78	45.1	28.2	110	57.3	30.7
	speed	1,355	76.1	30.6	1,509	77.4	39.9	1,803	83.5	45.1
	seatbelt	106	42.9	11.1	106	56.1	11.8	82	58.2	7.2
Waverly P.D. NCIC 05320	alcohol	50	25.3	15.9	49	28.3	17.7	43	22.4	12.0
	speed	145	8.1	3.3	110	5.6	2.9	128	5.9	3.2
	seatbelt	93	37.7	9.7	66	34.9	7.4	36	25.5	3.2
Candor Village P.D. NCIC 05321	alcohol	1	0.5	0.3	0	0.0	0.0	0	0.0	0.0
	speed	189	10.6	4.3	163	8.4	4.3	74	3.4	1.8
	seatbelt	4	1.6	0.4	2	1.1	0.2	0	0.0	0.0
Owego Village P.D. NCIC 05324	alcohol	32	16.2	10.2	46	26.6	16.6	39	20.3	10.9
	speed	88	4.9	2.0	135	6.9	3.6	129	6.0	3.2
	seatbelt	33	13.4	3.5	14	7.4	1.6	21	14.9	1.8
Spencer P.D. NCIC 05325	alcohol	2	1.0	0.6	0	0.0	0.0	0	0.0	0.0
	speed	4	0.2	0.1	33	1.7	0.9	25	1.2	0.6
	seatbelt	11	4.5	1.2	1	0.5	0.1	2	1.4	0.2
Totals by Agency Type										
Sheriff and Local	alcohol	198		63.1	173		62.5	192		53.6
	speed	1,781		40.2	1,950		51.5	2,159		53.9
	seatbelt	247		25.9	189		21.1	141		12.4
State Police	alcohol	116		36.9	102		36.8	166		46.4
	speed	2,649		59.7	1,832		48.4	1,843		46.1
	seatbelt	706		73.9	705		78.8	1,000		87.6
Other	alcohol	0		0.0	2		0.7	0		0.0
	speed	4		0.1	3		0.1	0		0.0
	seatbelt	2		0.2	1		0.1	0		0.0
County Totals										
	alcohol	314			277			358		
	speed	4,434			3,785			4,002		
	seatbelt	955			895			1,141		

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

www.itsmr.org