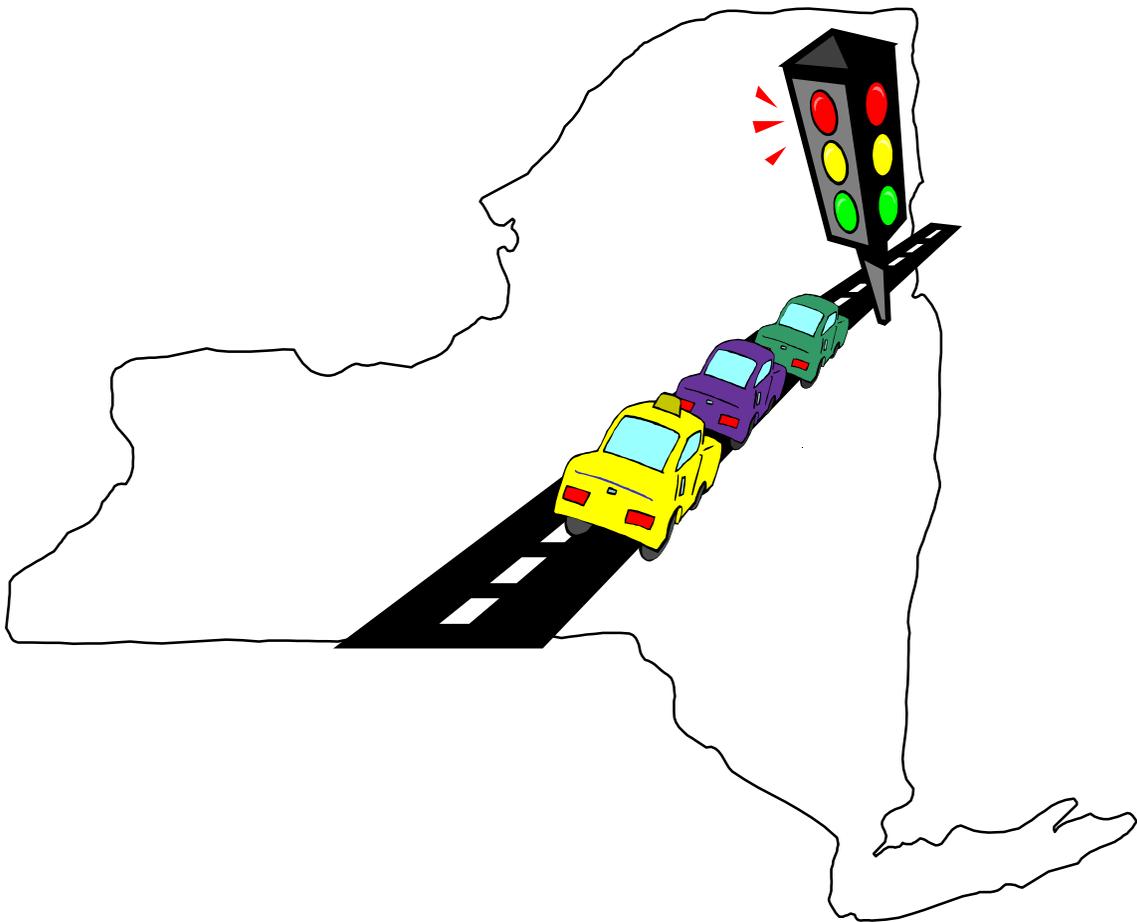


# **TIOGA COUNTY**

## **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 2005**

## COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2000-2003. Since 2002 is the most recent year for which crash data are available, the crash data provided cover the years 1999-2002. 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](mailto: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

#### **Jennifer Hogan**

518-473-7786

[jhoga1@dmv.state.ny.us](mailto:jhoga1@dmv.state.ny.us)

#### **Renee Barchitta**

518-473-6786

[rbarc@dmv.state.ny.us](mailto:rbarc@dmv.state.ny.us)

#### **Brad Swartz**

518-474-9830

[bswar@dmv.state.ny.us](mailto:bswar@dmv.state.ny.us)

#### **Rich Devlin**

518-486-4221

[rdevl@dmv.state.ny.us](mailto:rdevl@dmv.state.ny.us)

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Tompkins  
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**TIOGA COUNTY**  
**CRASH DATA**

	<b>1999</b>	<b>%</b>	<b>2000</b>	<b>%</b>	<b>2001</b>	<b>%</b>	<b>2002</b>	<b>%</b>
<b>TOTAL CRASHES* (events)</b>	<b>1,018</b>		<b>1,116</b>		<b>817 *</b>		<b>520 *</b>	
Fatal	3	0.3	4	0.4	10	1.2	5	1.0
Personal Injury	351	34.5	347	31.1	277	33.9	308	59.2
Property Damage*	664	65.2	765	68.5	530 *	64.9	207 *	39.8
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	13	1.3	10	0.9	14	1.7	9	1.7
Bicycle crashes	6	0.6	6	0.5	4	0.5	5	1.0
Motorcycle crashes	6	0.6	12	1.1	13	1.6	11	2.1
<b>TOTAL FATALITIES (persons)</b>	<b>3</b>		<b>7</b>		<b>13</b>		<b>5</b>	
Drivers	2	66.7	2	28.6	6	46.2	4	80.0
Passengers	1	33.3	5	71.4	4	30.8	0	0.0
Pedestrians	0	0.0	0	0.0	2	15.4	1	20.0
Bicyclists	0	0.0	0	0.0	1	7.7	0	0.0
<b>TOTAL INJURIES** (persons)</b>	<b>530</b>		<b>472</b>		<b>388</b>		<b>399</b>	
Drivers	332	62.6	322	68.2	249	64.2	269	67.4
Passengers	178	33.6	131	27.8	124	32.0	117	29.3
Pedestrians	13	2.5	13	2.8	12	3.1	7	1.8
Bicyclists	7	1.3	6	1.3	3	0.8	6	1.5

\* Starting in October 1997, the DMV recorded property damage only crashes that were reported by police but had no motorist report submitted. This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the total number of crashes and the total number of occupants involved in crashes.

\*\* Police-reported crashes only.

Note: Totals may not equal the sum of the parts due to missing data.

Source: 1999-2000 NYSDMV county MV-144A, Table 1, and special county MV-144A on motorcycle crashes, Table 1.  
2001-2002 NYSDMV AIS Data Base.

**TIOGA COUNTY**  
**CRASH AND FATALITY & INJURY RATES**

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	194.96	215.51	158.27*	100.42*
Crash Rate per 10,000 Licensed Drivers	276.34	298.78	216.43*	138.07*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	103.99	95.20	78.85	82.27
Fatality & Injury Rate per 10,000 Licensed Drivers	147.40	131.99	107.82	113.11
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.400	1.464	1.529	1.498

\* Starting in October 1997, the DMV recorded property damage only crashes that were reported by police but had no motorist report submitted. This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the crash rates per 10,000 population and 10,000 licensed drivers.

Source: 1999-2000 NYSDMV county 144A, Table 1, Table 2, and Table 19.  
 2001-2002 NYSDMV AIS Data Base.  
 NYSDMV driver's license file.  
 U.S. Census Bureau Redistricting Data.

## TIOGA COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1999	%	2000	%	2001	%	2002	%
<b>Total Crashes</b>	<b>944</b>		<b>1,016</b>		<b>754</b>		<b>348</b>	
Alcohol involvement	53	5.6	41	4.0	54	7.2	25	7.2
Unsafe speed	106	11.2	162	15.9	76	10.1	57	16.4
Driver inattention/distraction**	82	8.7	78	7.7	59	7.8	28	8.0
Failure to yield right-of-way	98	10.4	91	9.0	77	10.2	45	12.9
Following too closely	84	8.9	80	7.9	44	5.8	41	11.8
Improper passing/lane usage	34	3.6	47	4.6	23	3.1	13	3.7
Traffic control disregarded	16	1.7	19	1.9	11	1.5	7	2.0
Unsafe lane changing	36	3.8	35	3.4	25	3.3	10	2.9

\* Police-reported crashes only.

\*\* Driver distraction was added to Police Accident Report Form MV-104, effective 7/01. Because older versions may continue to be used, driver distraction is underreported.

Note: Not all crashes have a contributing factor reported, and many crashes have multiple factors reported.

Source: 1999-2000 NYSDMV county MV-144A, Table 13(P).  
2001-2002 NYSDMV AIS Data Base.

## TIOGA COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	<b>2,133</b>	<b>41</b>	<b>2,049</b>	<b>43</b>	<b>1,512</b>	<b>44</b>	<b>730</b>	<b>38</b>
No restraint used	6.2	29.3	4.2	27.9	5.4	29.5	6.0	10.5
Restraint used	84.4	65.9	92.4	62.8	84.9	56.8	88.5	78.9
Restraint use unspecified	9.4	4.9	3.4	9.3	9.8	13.6	5.5	10.5

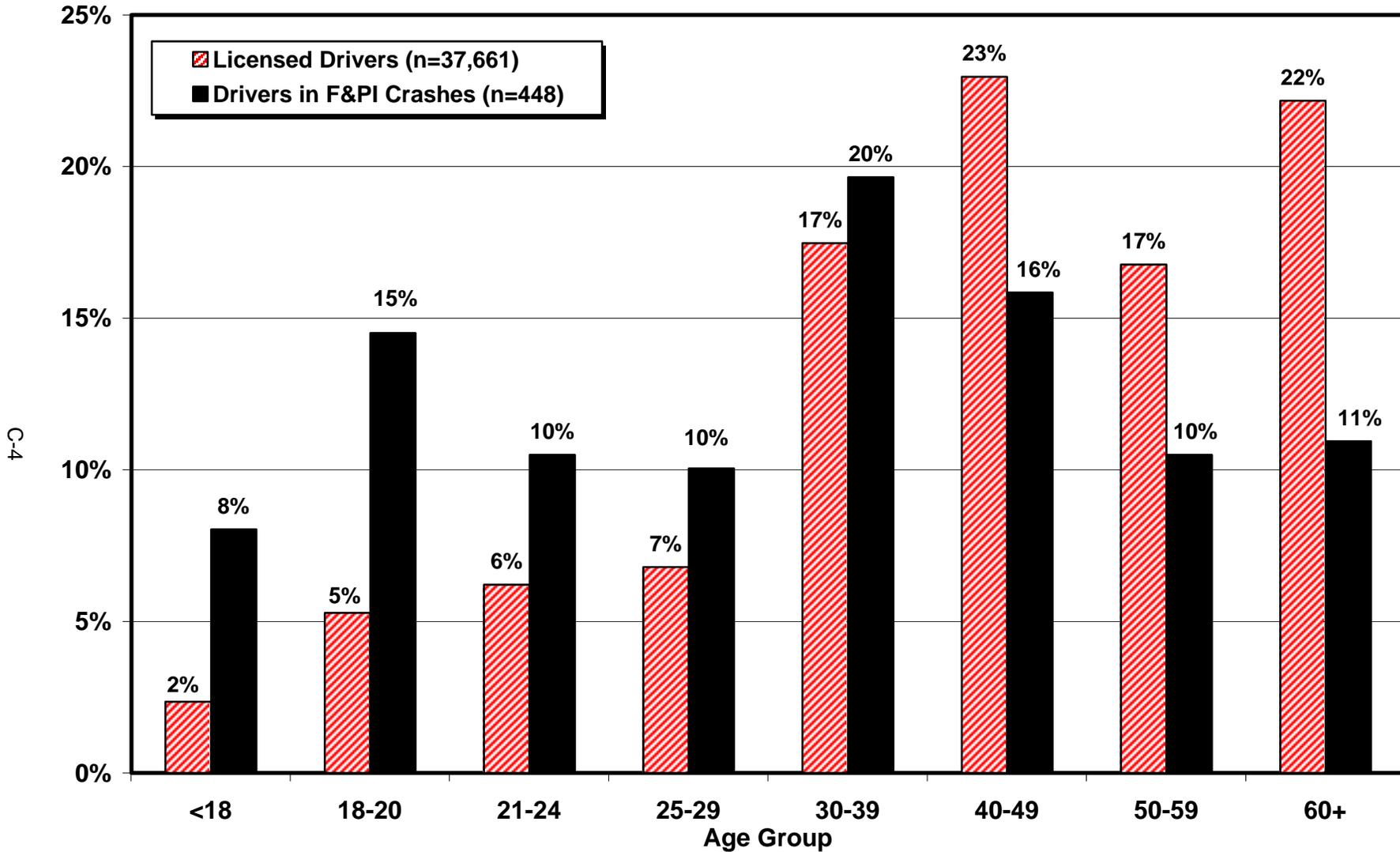
\* Police-reported crashes only.

Note: "K and A" denote occupants killed or seriously injured in a crash.

Source: 1999-2000 NYSDMV county MV-144A, Table 29(P).  
2001 NYSDMV AIS Data Base.

## Tioga County 2002

### 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.

Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

## Tioga County 2002

### Pedestrians and Bicyclists Killed or Injured by Age Group

<b>Age Group</b>	<b>Pedestrians</b>	<b>Bicyclists</b>
<b>0 - 4</b>	0	0
<b>5 - 9</b>	2	1
<b>10 - 14</b>	2	2
<b>15 - 19</b>	0	2
<b>20 - 24</b>	0	1
<b>25 - 34</b>	1	0
<b>35 - 44</b>	1	0
<b>45 - 54</b>	1	0
<b>55 - 64</b>	0	0
<b>65+</b>	0	0
<b>Total</b>	<b>7</b>	<b>6</b>

Source: NYSDMV AIS Data Base.

## TIOGA COUNTY

### ALCOHOL-RELATED CRASH DATA\*

	1999	2000	2001	2002
<b>TOTAL CRASHES (events)</b>	<b>944</b>	<b>1,016</b>	<b>754</b>	<b>348</b>
Alcohol-related crashes	53	42	56	25
% of total crashes	5.6	4.1	7.4	7.2
<b>FATAL CRASHES (events)</b>	<b>3</b>	<b>4</b>	<b>10</b>	<b>5</b>
Alcohol-related fatal crashes	1	1	3	0
% of fatal crashes	33.3	25.0	30.0	0.0
<b>PERSONAL INJURY CRASHES (events)</b>	<b>343</b>	<b>339</b>	<b>273</b>	<b>291</b>
Alcohol-related injury crashes	31	18	40	24
% of injury crashes	9.0	5.3	14.7	8.2
<b>TOTAL FATALITIES (persons)</b>	<b>3</b>	<b>7</b>	<b>13</b>	<b>5</b>
Alcohol-related fatalities	1	1	6	0
% of total fatalities	33.3	14.3	46.2	0.0
<b>TOTAL INJURIES (persons)</b>	<b>530</b>	<b>472</b>	<b>388</b>	<b>399</b>
Alcohol-related injuries	51	25	46	28
% of total injuries	9.6	5.3	11.9	7.0

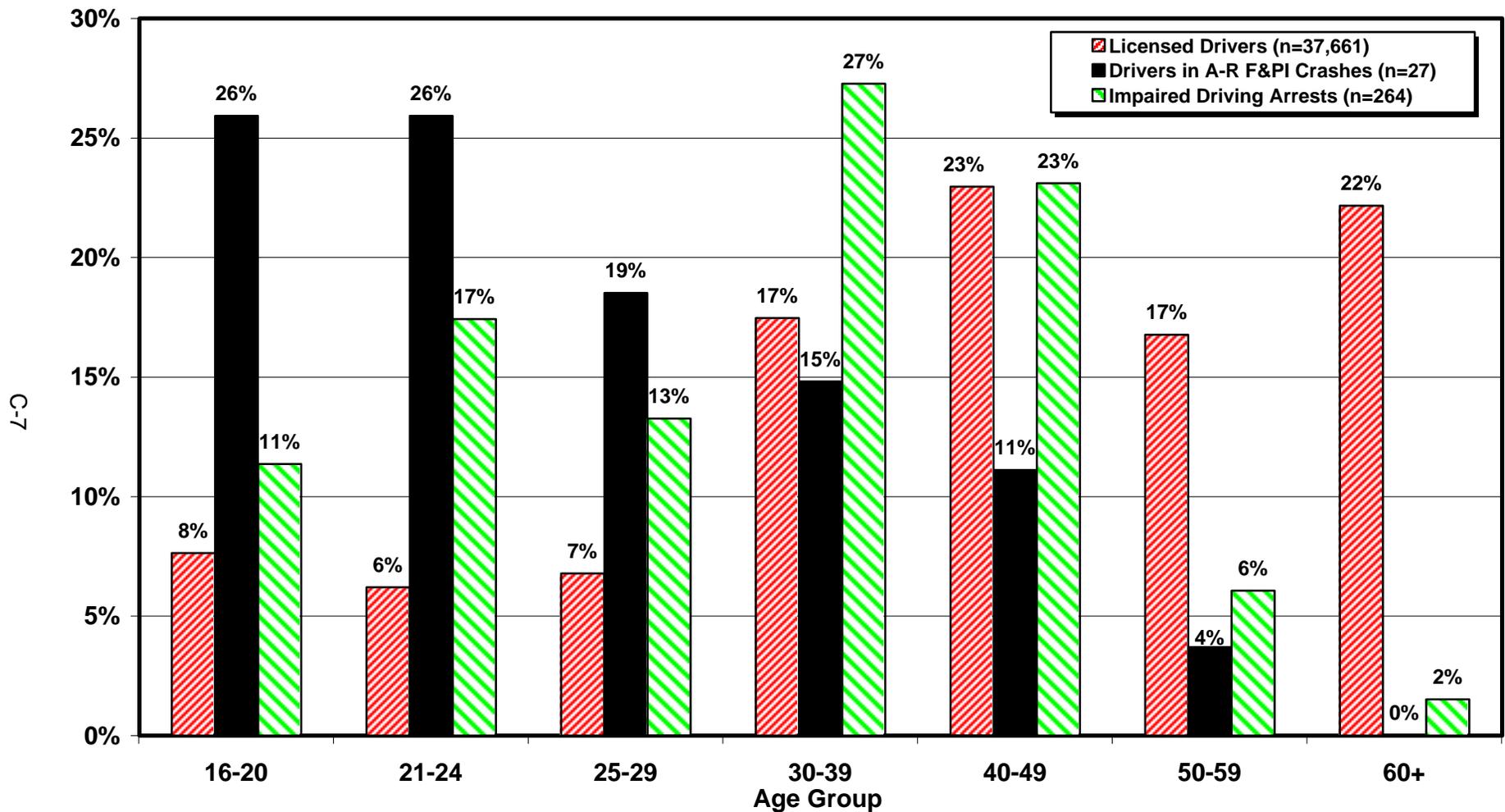
\* Police-reported crashes only.

Note: Data presented in Table C-1 include all reportable crashes.

Source: 1999-2000 NYSDMV county MV-144A, Table 1 and the DMV Office of Data Processing.  
2001-2002 NYSDMV AIS Data Base.

## Tioga County 2002

### Licensed Drivers, 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 drivers involved in alcohol-related fatal and personal injury crashes than licensed drivers indicates that this age group is overrepresented in these crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that this age group is overrepresented in impaired driving arrests.

Source: NYSDMV driver's license file, AIS Data Base, and TSLE&D ticket system. Arrest data compiled by ITSMR.

## TIOGA COUNTY

### TSLE&D TICKETS ISSUED AND CONVICTION RATES FOR SELECTED V&T VIOLATIONS

VIOLATION	2000	2001	2002	2003
<b>SPEED (V&amp;T 1180)</b>	5,503	4,448	4,559	4,875
% of total tickets	41.2	36.9	37.7	36.5
% convicted on same charge	87.3	82.9	82.0	76.7
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	1,950	1,295	1,208	1,208
% of total tickets	14.6	10.8	10.0	9.1
% convicted on same charge	73.4	79.0	78.4	77.7
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	344	495	405	400
% of total tickets	2.6	4.1	3.3	3.0
<b>PERSONS ARRESTED*</b>	242	338	265	252
% arrested as result of patrol activity**	85.9	84.3	89.1	86.5
% arrested as result of crash	11.2	14.8	10.2	10.7
% arrested as result of <i>other means</i> ***	2.9	0.9	0.8	2.8
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>13,352</b>	<b>12,043</b>	<b>12,098</b>	<b>13,343</b>

\* The number of persons arrested is less than the number of tickets issued as some agencies issue separate tickets for 1192.2 and 1192.3, while others issue a combined 1192.23.

\*\* Includes patrol, radar, road checks

\*\*\* Includes scales, plane, VASCAR

Source: NYSDMV TSLE&D ticket system.

**TIOGA COUNTY**

**Adjudication Status of Impaired Driving Cases & Conviction Rates  
TSLE&D Agencies**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>Persons Arrested</b>	<b>(N=242)</b>	<b>(N=339)</b>	<b>(N=266)</b>	<b>(N=252)</b>
Case adjudicated	92.1%	85.8%	95.1%	91.3%
Case pending	7.9%	14.2%	4.9%	8.7%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=223)</b>	<b>(N=291)</b>	<b>(N=253)</b>	<b>(N=230)</b>
<b><i>Convicted on Alcohol Charge</i></b>	<b>90.1%</b>	<b>92.7%</b>	<b>95.6%</b>	<b>95.2%</b>
Convicted on original alcohol charge	35.9%	38.1%	45.8%	41.3%
Convicted on reduced alcohol charge	39.9%	41.9%	36.0%	43.0%
Convicted on other alcohol charge	14.3%	12.7%	13.8%	10.9%
<b><i>Convicted on Non-Alcohol Charge</i></b>	<b>1.8%</b>	<b>1.7%</b>	<b>1.2%</b>	<b>0.9%</b>
<b><i>Dismissed/Acquitted/Convicted on charge associated with different event</i></b>	<b>8.1%</b>	<b>5.6%</b>	<b>3.2%</b>	<b>3.9%</b>

\* Since some drivers are charged with more than one alcohol offense during a single traffic stop, this includes drivers who have had at least one offense adjudicated.

Source: Compiled by Institute for Traffic Safety Management and Research with data obtained from TSLE&D.

**TIOGA COUNTY**

**DWI/AI Probation Data**

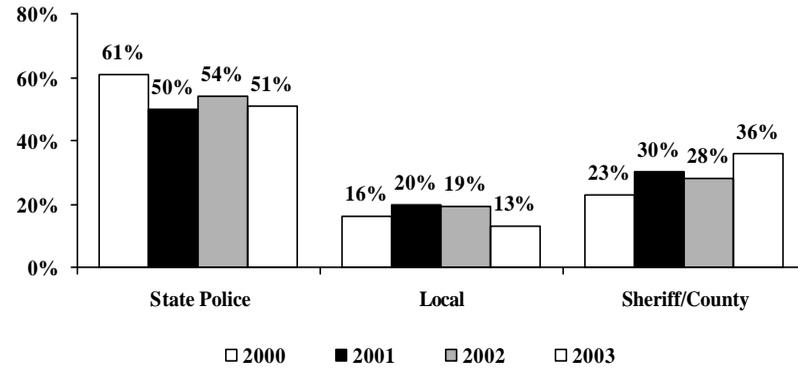
	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>
<b>Number of Persons Sentenced to Probation</b>	38	55	78	51
<b>Number of Persons on Probation*</b>	186	205	213	139

\* It should be noted that since the manner in which active probation cases were identified was adjusted in 2002, caution is advised when comparing the 2002 and 2003 data with the data from earlier years.

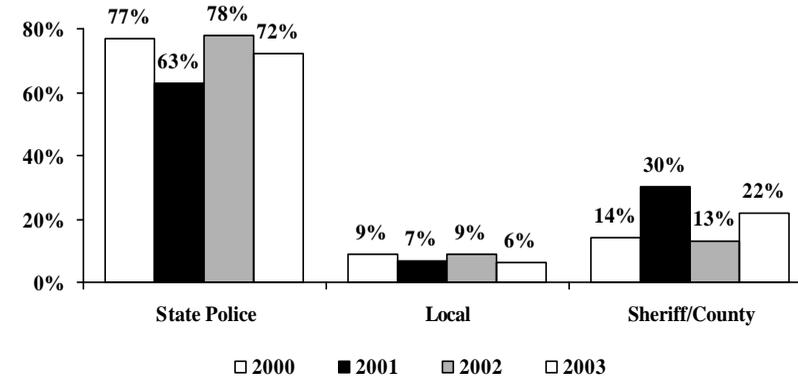
Source: NYS Division of Probation and Correctional Alternatives.

**Tioga County**  
**V&T Tickets Issued by TSLE&D Agencies**  
**By Agency Type**

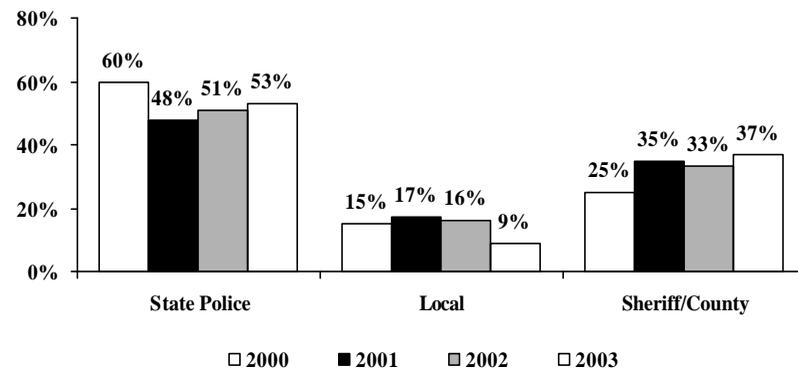
**All Tickets**



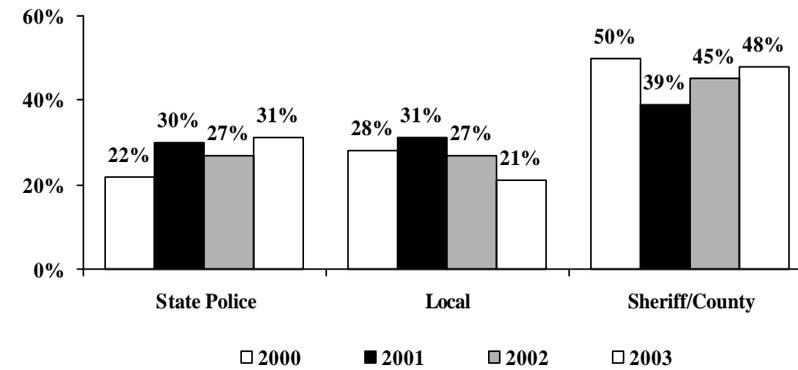
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



## TIOGA COUNTY

### TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2000			2001			2002			2003		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Tioga Sheriff NCIC 05300	alcohol	171	64.0	50.0	214	54.2	43.1	200	60.4	49.4	201	66.8	50.3
	speed	1,388	63.4	25.1	1,575	67.6	35.4	1,492	66.8	32.7	1,815	79.8	37.2
	seatbelt	274	62.0	14.0	397	82.4	30.7	159	58.9	13.2	263	77.8	21.8
Waverly P.D. NCIC 05320	alcohol	54	20.2	15.8	106	26.8	21.4	74	22.4	18.3	54	17.9	13.5
	speed	138	6.3	2.5	174	7.5	3.9	165	7.4	3.6	142	6.2	2.9
	seatbelt	63	14.3	3.2	41	8.5	3.2	65	24.1	5.4	64	18.9	5.3
Candor Vill. P.D. NCIC 05321	alcohol	6	2.2	1.8	7	1.8	1.4	3	0.9	0.7	2	0.7	0.5
	speed	361	16.5	6.5	324	13.9	7.3	321	14.4	7.0	237	10.4	4.9
	seatbelt	22	5.0	1.1	23	4.8	1.8	5	1.9	0.4	2	0.6	0.2
Owego Vill. P.D. NCIC 05324	alcohol	22	8.2	6.4	52	13.2	10.5	46	13.9	11.4	38	12.6	9.5
	speed	127	5.8	2.3	152	6.5	3.4	133	6.0	2.9	65	2.9	1.3
	seatbelt	73	16.5	3.7	10	2.1	0.8	29	10.7	2.4	8	2.4	0.7
Spencer Vill. P.D. NCIC 05325	alcohol	14	5.2	4.1	16	4.1	3.2	8	2.4	2.0	6	2.0	1.5
	speed	174	8.0	3.1	106	4.5	2.4	121	5.4	2.7	15	0.7	0.3
	seatbelt	10	2.3	0.5	11	2.3	0.8	12	4.4	1.0	1	0.3	0.1

## TIOGA COUNTY

### TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency	2000			2001			2002			2003		
	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
<b>Totals by Agency Type</b>												
Sheriff and Local	alcohol	267	78.1	395	79.6	331	81.7	301	75.3			
	speed	2,188	39.6	2,331	52.4	2,232	49.0	2,274	46.6			
	seatbelt	442	22.6	482	37.2	270	22.4	338	28.0			
State Police	alcohol	75	21.9	101	20.4	74	18.3	99	24.8			
	speed	3,336	60.4	2,117	47.6	2,327	51.0	2,599	53.3			
	seatbelt	1,513	77.4	813	62.8	938	77.6	870	72.0			
Other	alcohol	0	0.0	0	0.0	0	0.0	0	0.0			
	speed	0	0.0	0	0.0	0	0.0	2	<0.1			
	seatbelt	1	0.1	0	0.0	0	0.0	0	0.0			
<b>County Totals</b>		<b>342</b>		<b>496</b>		<b>405</b>		<b>400</b>				
	alcohol	<b>5,524</b>		<b>4,448</b>		<b>4,559</b>		<b>4,875</b>				
	speed	<b>1,956</b>		<b>1,295</b>		<b>1,208</b>		<b>1,208</b>				
	seatbelt											

Source: NYSDMV