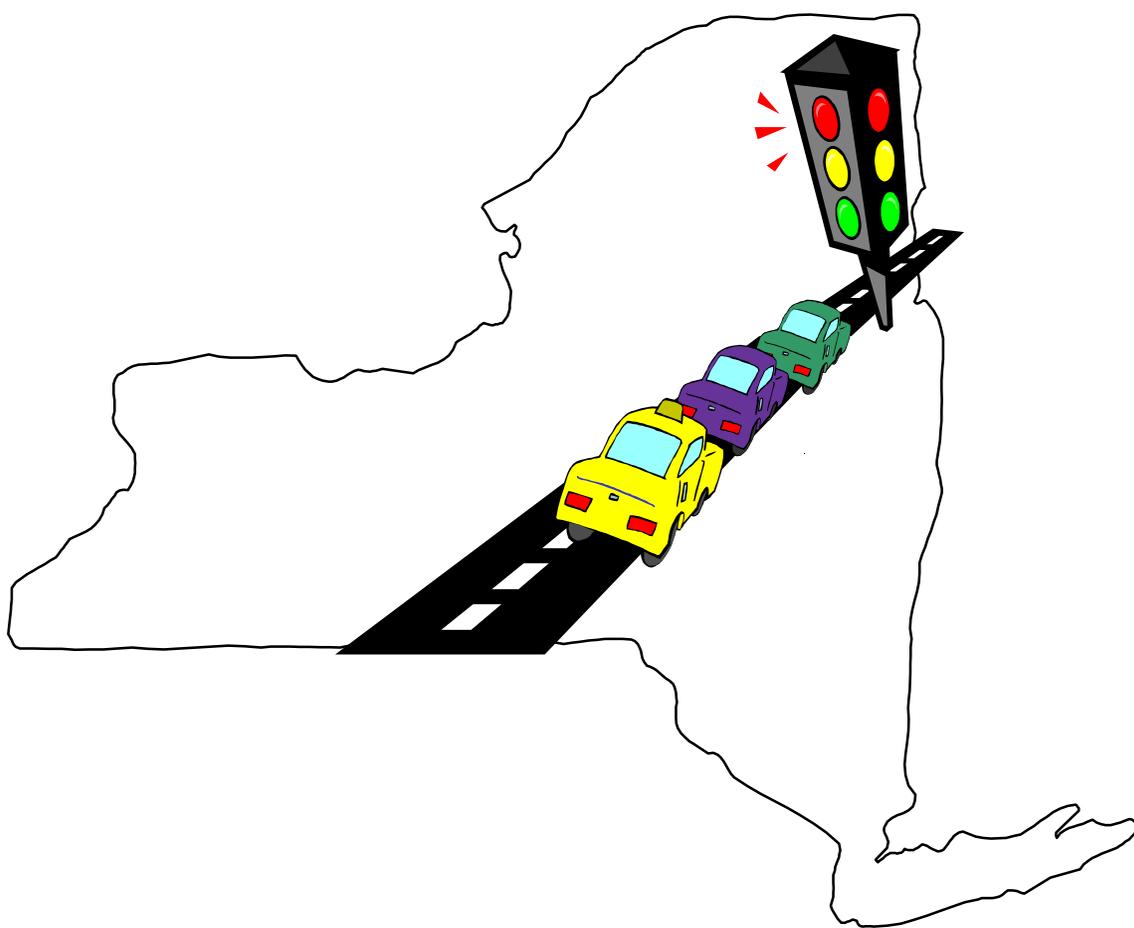


TIOGA COUNTY

TRAFFIC SAFETY DATA



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February 2004

COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 1999-2002. Since 2001 is the most recent year for which crash data are available, the crash data provided cover the years 1998-2001. 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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TIOGA COUNTY
CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	886 *		1,018 *		1,116 *		817 *	
Fatal	4	0.5	3	0.3	4	0.4	10	1.2
Personal Injury	318	35.9	351	34.5	347	31.1	277	33.9
Property Damage*	564 *	63.7	664 *	65.2	765 *	68.5	530 *	64.9
SELECTED CRASH TYPES (events)								
Pedestrian crashes	9	1.0	13	1.3	10	0.9	14	1.7
Bicycle crashes	7	0.8	6	0.6	6	0.5	4	0.5
Motorcycle crashes	16	1.8	6	0.6	12	1.1	13	1.6
TOTAL FATALITIES (persons)	4		3		7		13	
Drivers	4	100	2	66.7	2	28.6	6	46.2
Passengers	0	0.0	1	33.3	5	71.4	4	30.8
Pedestrians	0	0.0	0	0.0	0	0.0	2	15.4
Bicyclists	0	0.0	0	0.0	0	0.0	1	7.7
TOTAL INJURIES** (persons)	481		530		472		388	
Drivers	280	58.2	332	62.6	322	68.2	249	64.2
Passengers	185	38.5	178	33.6	131	27.8	124	32.0
Pedestrians	9	1.9	13	2.5	13	2.8	12	3.1
Bicyclists	7	1.5	7	1.3	6	1.3	3	0.8

* Prior to October 1997, by law the DMV could not record property damage crashes on its file unless at least one motorist involved in the crash submitted a report, even if a police accident report was filed. The most direct impact of this change in criteria was a large increase 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: 1998-2000 NYSDMV county MV-144A, Table 1, and special county MV-144A on motorcycle crashes, Table 1.
2001 NYSDMV AIS Data Base.

TIOGA COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	168.84	194.96	215.51	158.27
Crash Rate per 10,000 Licensed Drivers	239.97	276.34	298.78	216.43
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	92.99	103.99	95.20	78.85
Fatality & Injury Rate per 10,000 Licensed Drivers	132.17	147.40	131.99	107.82
MEAN SEVERITY OF INJURY (MSI)	1.525	1.400	1.464	1.529

Source: NYSDMV county 144As, Table 1, Table 2, and Table 19.
 NYSDMV driver's license file.
 U.S. Census Bureau Redistricting Data.

TIOGA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	814		944		1,016		754	
Alcohol involvement	55	6.8	53	5.6	41	4.0	54	7.2
Unsafe speed	76	9.3	106	11.2	162	15.9	76	10.1
Driver inattention/distraction**	68	8.4	82	8.7	78	7.7	59	7.8
Failure to yield right-of-way	94	11.5	98	10.4	91	9.0	77	10.2
Following too closely	66	8.1	84	8.9	80	7.9	44	5.8
Improper passing/lane usage	27	3.3	34	3.6	47	4.6	23	3.1
Traffic control disregarded	23	2.8	16	1.7	19	1.9	11	1.5
Unsafe lane changing	22	2.7	36	3.8	35	3.4	25	3.3

* 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: 1998-2000 NYSDMV county MV-144A, Table 13(P).
2001 NYSDMV AIS Data Base.

TIOGA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	1,785	54	2,133	41	2,049	43	1,512	44
No restraint used	8.2	22.2	6.2	29.3	4.2	27.9	5.4	29.5
Restraint used	84.2	64.8	84.4	65.9	92.4	62.8	84.9	56.8
Restraint use unspecified	7.6	13.0	9.4	4.9	3.4	9.3	9.8	13.6

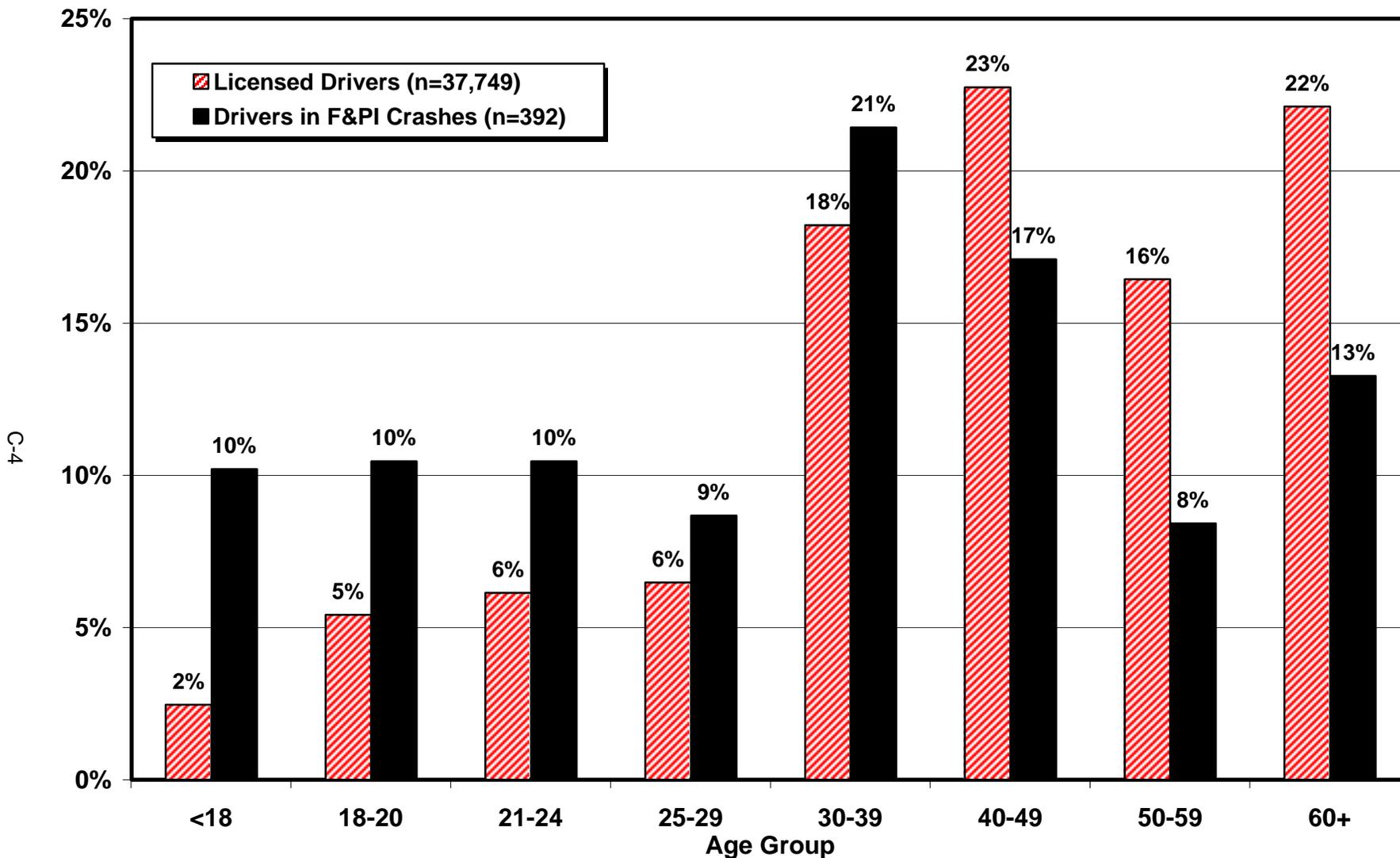
* Police-reported crashes only.

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

Source: 1998-2000 NYSDMV county MV-144A, Table 29(P).
2001 NYSDMV AIS Data Base.

Tioga County 2001

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 2001

Pedestrians and Bicyclists Killed or Injured by Age Group

Age Group	Pedestrians	Bicyclists
0 - 4	1	0
5 - 9	1	0
10 - 14	1	2
15 - 19	1	0
20 - 24	1	1
25 - 34	3	0
35 - 44	3	0
45 - 54	1	1
55 - 64	0	0
65+	2	0
Total	14	4

Source: NYSDMV AIS Data Base.

TIOGA COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	814	944	1,016	754
Alcohol-related crashes	55	53	42	56
% of total crashes	6.8	5.6	4.1	7.4
FATAL CRASHES (events)	4	3	4	10
Alcohol-related fatal crashes	1	1	1	3
% of fatal crashes	25.0	33.3	25.0	30.0
PERSONAL INJURY CRASHES (events)	315	343	339	273
Alcohol-related injury crashes	40	31	18	40
% of injury crashes	12.7	9.0	5.3	14.7
TOTAL FATALITIES (persons)	4	3	7	13
Alcohol-related fatalities	1	1	1	6
% of total fatalities	25.0	33.3	14.3	46.2
TOTAL INJURIES (persons)	481	530	472	388
Alcohol-related injuries	76	51	25	46
% of total injuries	15.8	9.6	5.3	11.9

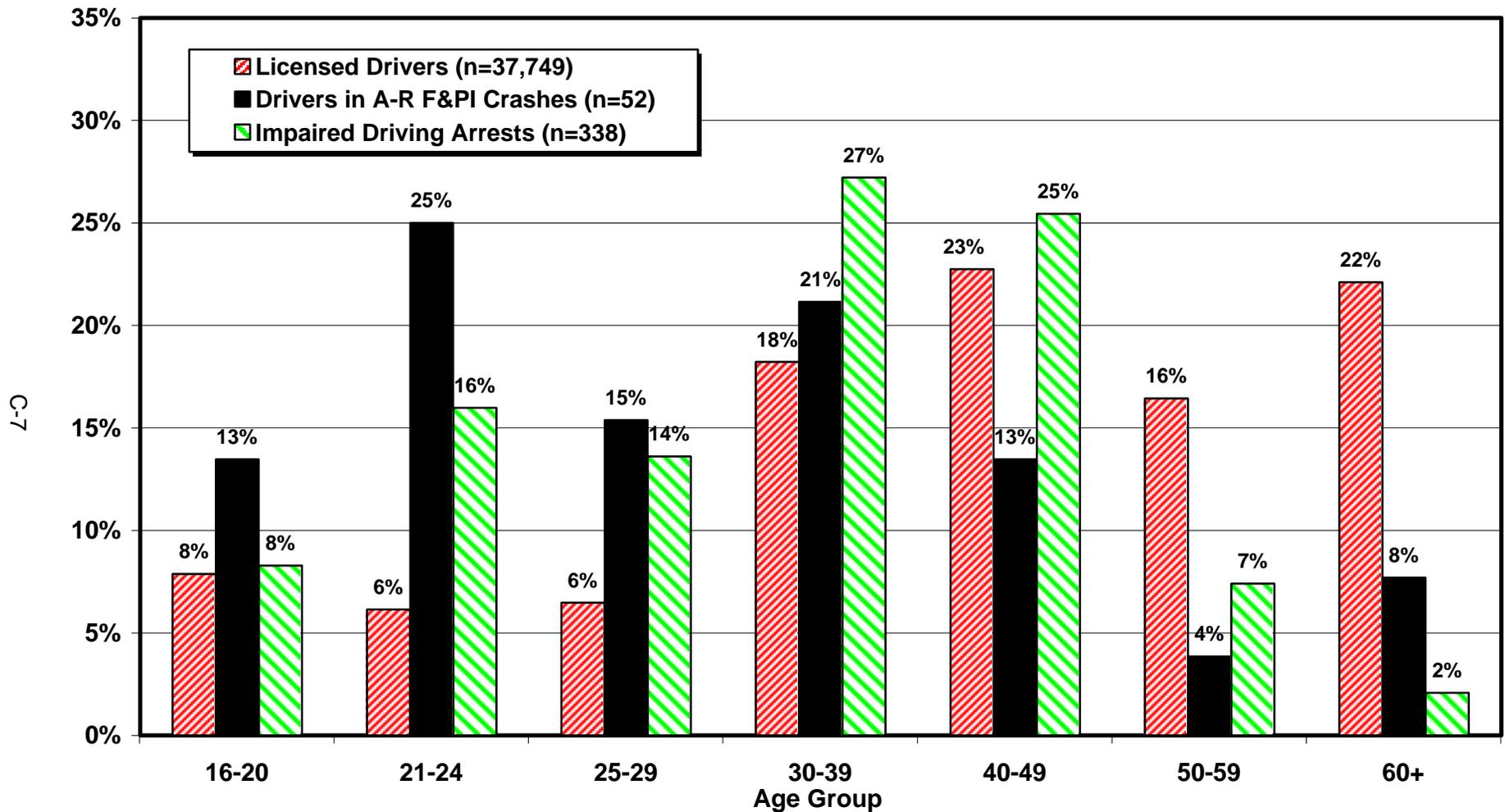
* Police-reported crashes only.

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

Source: 1998-2000 NYSDMV county MV-144A, Table 1 and the DMV Office of Data Processing.
2001 NYSDMV AIS Data Base.

Tioga County 2001

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	1999	2000	2001	2002
SPEED (V&T 1180)	6,588	5,503	4,448	4,559
% of total tickets	46.0	41.2	36.9	37.7
% convicted on same charge	84.7	87.3	82.9	82.0
SAFETY RESTRAINTS (V&T 1229c)	1,736	1,950	1,295	1,208
% of total tickets	12.1	14.6	10.8	10.0
% convicted on same charge	79.9	73.4	79.0	78.4
IMPAIRED DRIVING (V&T 1192)	460	344	495	405
% of total tickets	3.2	2.6	4.1	3.3
PERSONS ARRESTED*	311	242	338	265
% arrested as result of patrol activity**	85.5	85.9	84.3	89.1
% arrested as result of crash	12.9	11.2	14.8	10.2
% arrested as result of <i>other means</i> ***	1.6	2.9	0.9	0.8
TOTAL TICKETS FOR ALL V&T VIOLATIONS	14,336	13,352	12,043	12,098

* 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: NYS DMV TSLE&D ticket system.

TIOGA COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=311)	(N=242)	(N=339)	(N=266)
Case adjudicated	95.5%	92.1%	85.8%	95.1%
Case pending	4.5%	7.9%	14.2%	4.9%
Disposition of Adjudicated Cases*	(N=297)	(N=223)	(N=291)	(N=253)
Convicted on Alcohol Charge	92.6%	90.1%	92.7%	95.6%
Convicted on original alcohol charge	41.8%	35.9%	38.1%	45.8%
Convicted on reduced alcohol charge	39.4%	39.9%	41.9%	36.0%
Convicted on other alcohol charge	11.4%	14.3%	12.7%	13.8%
Convicted on Non-Alcohol Charge	0.3%	1.8%	1.7%	1.2%
Dismissed/Acquitted/Convicted on charge associated with different event	7.1%	8.1%	5.6%	3.2%
* 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

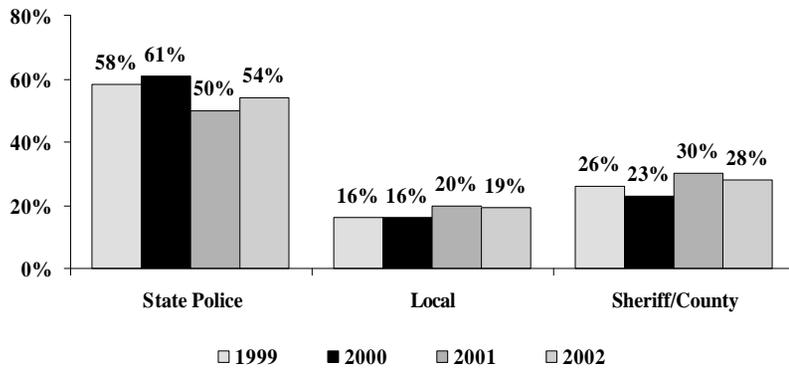
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	48	38	55	78
Number of Persons on Probation*	174	186	205	213

* 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 data with the data from earlier years.

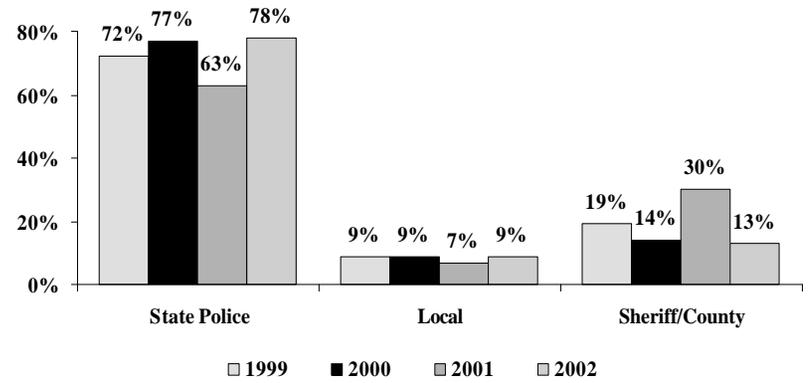
Source: NYS Division of Probation and Correctional Alternatives.

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

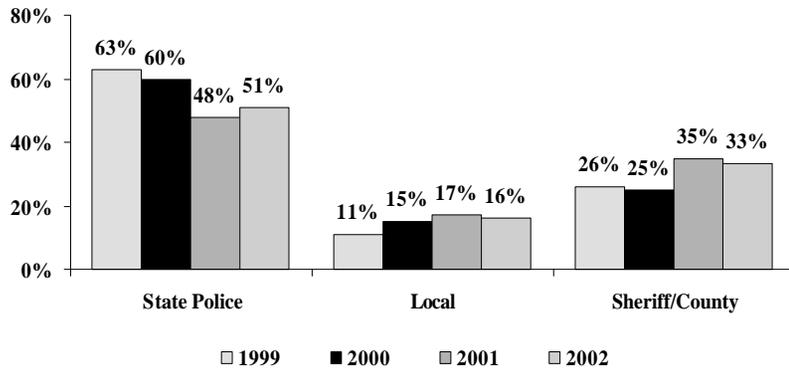
All Tickets



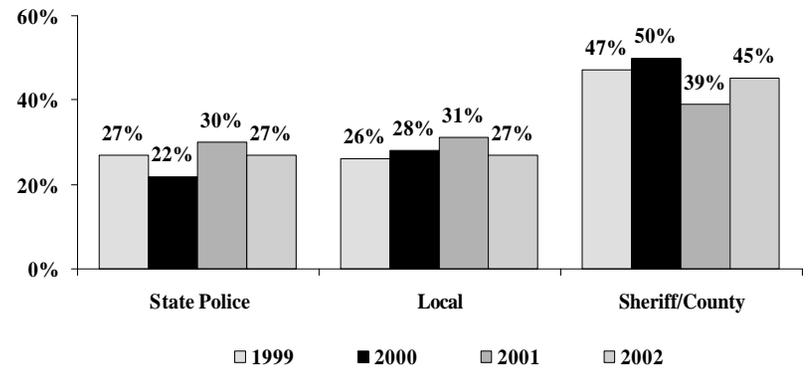
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TIOGA COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		1999			2000			2001			2002		
		#	% 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	243	65.7	52.8	171	64.0	50.0	214	54.2	43.1	200	60.4	49.4
	speed	1,701	69.8	25.8	1,388	63.4	25.1	1,575	67.6	35.4	1,492	66.8	32.7
	seatbelt	325	68.0	18.7	274	62.0	14.0	397	82.4	30.7	159	58.9	13.2
Waverly P.D. NCIC 05320	alcohol	88	23.8	19.1	54	20.2	15.8	106	39.7	31.0	74	22.4	18.3
	speed	148	6.1	2.2	138	6.3	2.5	174	8.0	3.1	165	7.4	3.6
	seatbelt	84	17.6	4.8	63	14.3	3.2	41	9.3	2.1	65	24.1	5.4
Candor Vill. P.D. NCIC 05321	alcohol	3	0.8	0.7	6	2.2	1.8	7	2.6	2.0	3	0.9	0.7
	speed	276	11.3	4.2	361	16.5	6.5	324	14.8	5.9	321	14.4	7.0
	seatbelt	8	1.7	0.5	22	5.0	1.1	23	5.2	1.2	5	1.9	0.4
Owego Vill. P.D. NCIC 05324	alcohol	35	9.5	7.6	22	8.2	6.4	52	19.5	15.2	46	13.9	11.4
	speed	139	5.7	2.1	127	5.8	2.3	152	6.9	2.8	133	6.0	2.9
	seatbelt	43	9.0	2.5	73	16.5	3.7	10	2.3	0.5	29	10.7	2.4
Spencer Vill. P.D. NCIC 05325	alcohol	1	0.3	0.2	14	5.2	4.1	16	6.0	4.7	8	2.4	2.0
	speed	174	7.1	2.6	174	8.0	3.1	106	4.8	1.9	121	5.4	2.7
	seatbelt	18	3.8	1.0	10	2.3	0.5	11	2.5	0.6	12	4.4	1.0

TIOGA COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		1999		2000		2001		2002		
		#	% of Shf/Local % of Co. Total	#	% of Shf/Local % of Co. Total	#	% of Shf/Local % of Co. Total	#	% of Shf/Local % of Co. Total	
Totals by Agency Type										
Sheriff and Local	alcohol	370	80.4	267	78.1	395	115.5	331	81.7	
	speed	2,438	37.0	2,188	39.6	2,331	42.2	2,232	49.0	
	seatbelt	478	27.5	442	22.6	482	24.6	270	22.4	
State Police	alcohol	90	19.6	75	21.9	101	29.5	74	18.3	
	speed	4,150	63.0	3,336	60.4	2,117	38.3	2,327	51.0	
	seatbelt	1,258	72.5	1,513	77.4	813	41.6	938	77.6	
Other	alcohol	0	0.0	0	0.0	0	0.0	0	0.0	
	speed	0	0.0	0	0.0	0	0.0	0	0.0	
	seatbelt	0	0.0	1	0.1	0	0.0	0	0.0	
County Totals		460		342		496		405		
	alcohol	460		342		496		405		
	speed	6,588		5,524		4,448		4,559		
	seatbelt	1,736		1,956		1,295		1,208		

Source: NYSDMV