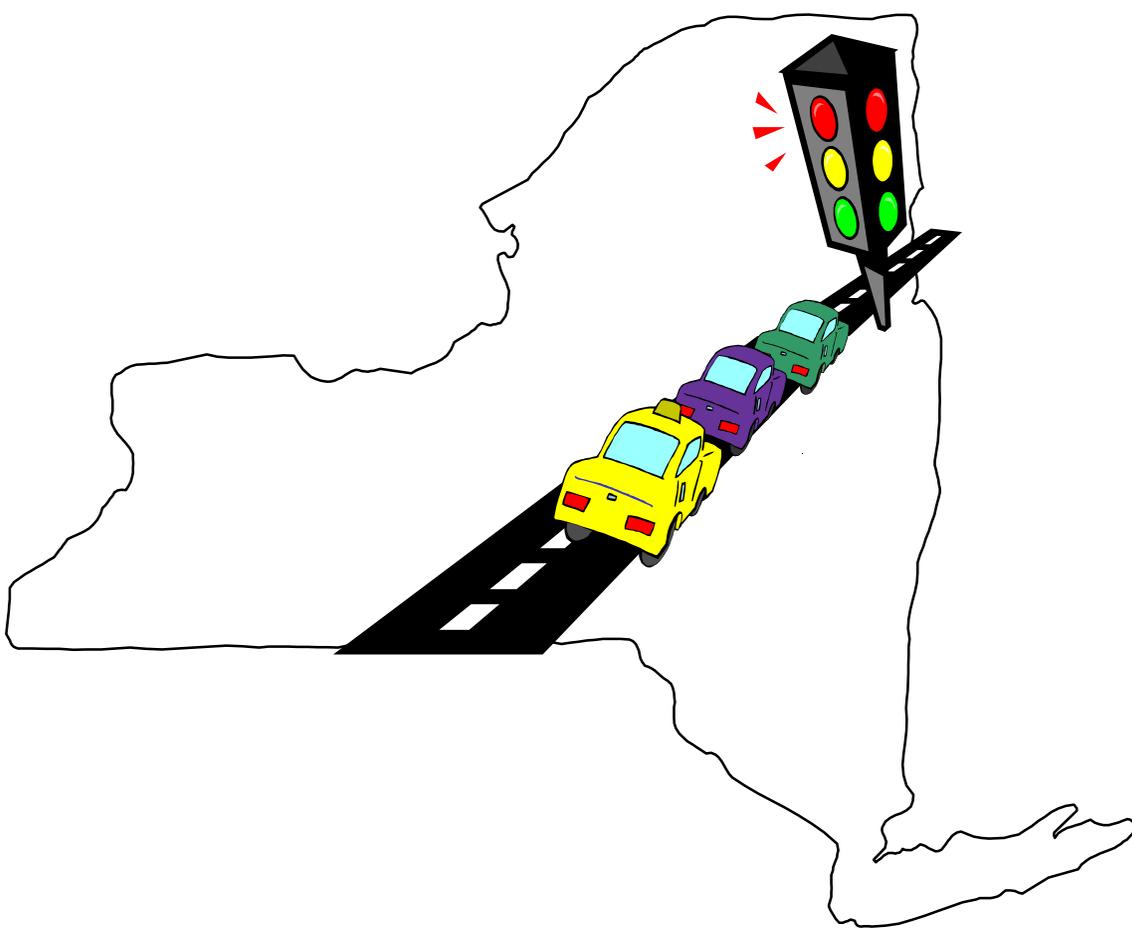


# **SENECA COUNTY**

## **TRAFFIC SAFETY DATA**



**Prepared by**

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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 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

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## SENECA COUNTY

### CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>923</b>		<b>1,023</b>		<b>704 *</b>		<b>423 *</b>	
Fatal	2	0.2	6	0.6	4	0.6	10	2.4
Personal Injury	283	30.7	272	26.6	249	35.4	275	65.0
Property Damage*	638	69.1	745	72.8	451 *	64.1	138 *	32.6
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	6	0.7	9	0.9	9	1.3	5	1.2
Bicycle crashes	12	1.3	7	0.7	3	0.4	4	0.9
Motorcycle crashes	11	1.2	8	0.8	18	2.6	6	1.4
<b>TOTAL FATALITIES (persons)</b>	<b>2</b>		<b>6</b>		<b>4</b>		<b>10</b>	
Drivers	1	50.0	3	50.0	4	100	7	70.0
Passengers	0	0.0	1	16.7	0	0.0	3	30.0
Pedestrians	0	0.0	1	16.7	0	0.0	0	0.0
Bicyclists	1	50.0	0	0.0	0	0.0	0	0.0
<b>TOTAL INJURIES** (persons)</b>	<b>418</b>		<b>380</b>		<b>354</b>		<b>389</b>	
Drivers	265	63.4	261	68.7	224	63.3	261	67.1
Passengers	132	31.6	102	26.8	117	33.1	118	30.3
Pedestrians	6	1.4	9	2.4	9	2.5	6	1.5
Bicyclists	11	2.6	7	1.8	4	1.1	4	1.0

\* 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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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.

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

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	289.12	306.82	210.24*	120.85*
Crash Rate per 10,000 Licensed Drivers	395.61	430.70	293.16*	175.20*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	133.44	116.67	107.51	118.85
Fatality & Injury Rate per 10,000 Licensed Drivers	182.59	163.78	149.91	172.30
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.459	1.416	1.460	1.565

\* 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.

## SENECA COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1999	%	2000	%	2001	%	2002	%
<b>Total Crashes</b>	<b>893</b>		<b>986</b>		<b>684</b>		<b>312</b>	
Alcohol involvement	46	5.2	24	2.4	29	4.2	22	7.1
Unsafe speed	106	11.9	137	13.9	86	12.6	62	19.9
Driver inattention/distraction**	103	11.5	109	11.1	83	12.1	49	15.7
Failure to yield right-of-way	91	10.2	100	10.1	68	9.9	64	20.5
Following too closely	53	5.9	52	5.3	39	5.7	22	7.1
Improper passing/lane usage	40	4.5	33	3.3	25	3.7	10	3.2
Traffic control disregarded	16	1.8	18	1.8	16	2.3	8	2.6
Unsafe lane changing	25	2.8	25	2.5	18	2.6	16	5.1

\* 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.

## SENECA COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	<b>1,987</b>	<b>33</b>	<b>1,938</b>	<b>35</b>	<b>1,434</b>	<b>31</b>	<b>729</b>	<b>58</b>
No restraint used	5.5	18.2	5.1	28.6	5.0	22.6	7.8	24.1
Restraint used	86.2	78.8	93.6	71.4	87.9	64.5	89.3	70.7
Restraint use unspecified	8.3	3.0	1.3	0.0	7.0	12.9	2.9	5.2

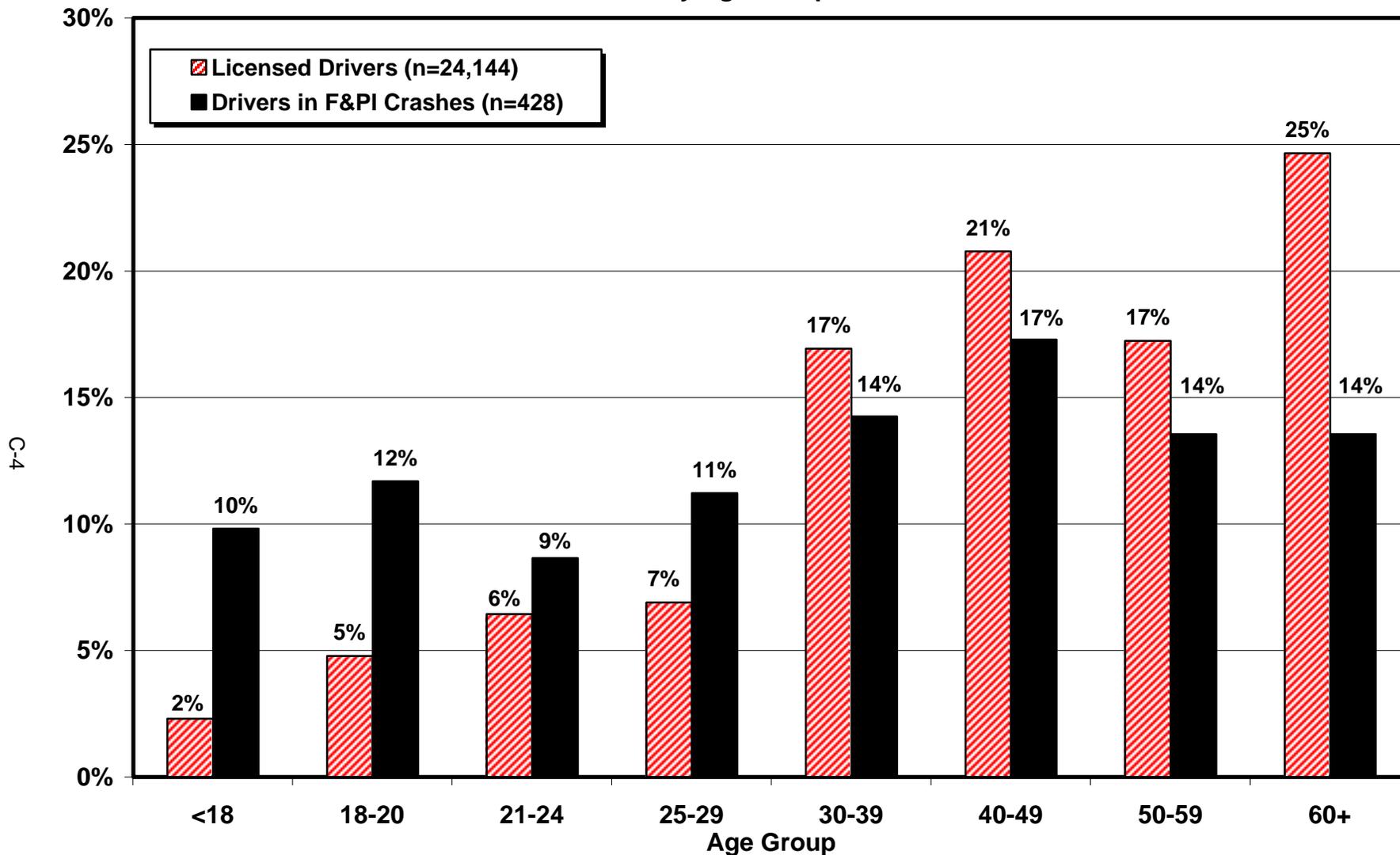
\* Police-reported crashes only.

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

Source: 1999-2000 NYSDMV county MV-144A, Table 29(P).  
2001-2002 NYSDMV AIS Data Base.

## Seneca 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.

## Seneca County 2002

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

Age Group	Pedestrians	Bicyclists
0 - 4	0	0
5 - 9	0	1
10 - 14	0	0
15 - 19	2	2
20 - 24	0	0
25 - 34	0	0
35 - 44	0	0
45 - 54	1	1
55 - 64	3	0
65+	0	0
<b>Total</b>	<b>6</b>	<b>4</b>

Source: NYSDMV AIS Data Base.

## SENECA COUNTY

### ALCOHOL-RELATED CRASH DATA\*

	1999	2000	2001	2002
<b>TOTAL CRASHES (events)</b>	<b>893</b>	<b>986</b>	<b>684</b>	<b>312</b>
Alcohol-related crashes	45	25	29	22
% of total crashes	5.0	2.5	4.2	7.1
<b>FATAL CRASHES (events)</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>10</b>
Alcohol-related fatal crashes	0	0	1	0
% of fatal crashes	0.0	0.0	25.0	0.0
<b>PERSONAL INJURY CRASHES (events)</b>	<b>279</b>	<b>269</b>	<b>247</b>	<b>260</b>
Alcohol-related injury crashes	21	13	14	22
% of injury crashes	7.5	4.8	5.7	8.5
<b>TOTAL FATALITIES (persons)</b>	<b>2</b>	<b>6</b>	<b>4</b>	<b>10</b>
Alcohol-related fatalities	0	0	1	0
% of total fatalities	0.0	0.0	25.0	0.0
<b>TOTAL INJURIES (persons)</b>	<b>418</b>	<b>380</b>	<b>354</b>	<b>389</b>
Alcohol-related injuries	33	16	17	32
% of total injuries	7.9	4.2	4.8	8.2

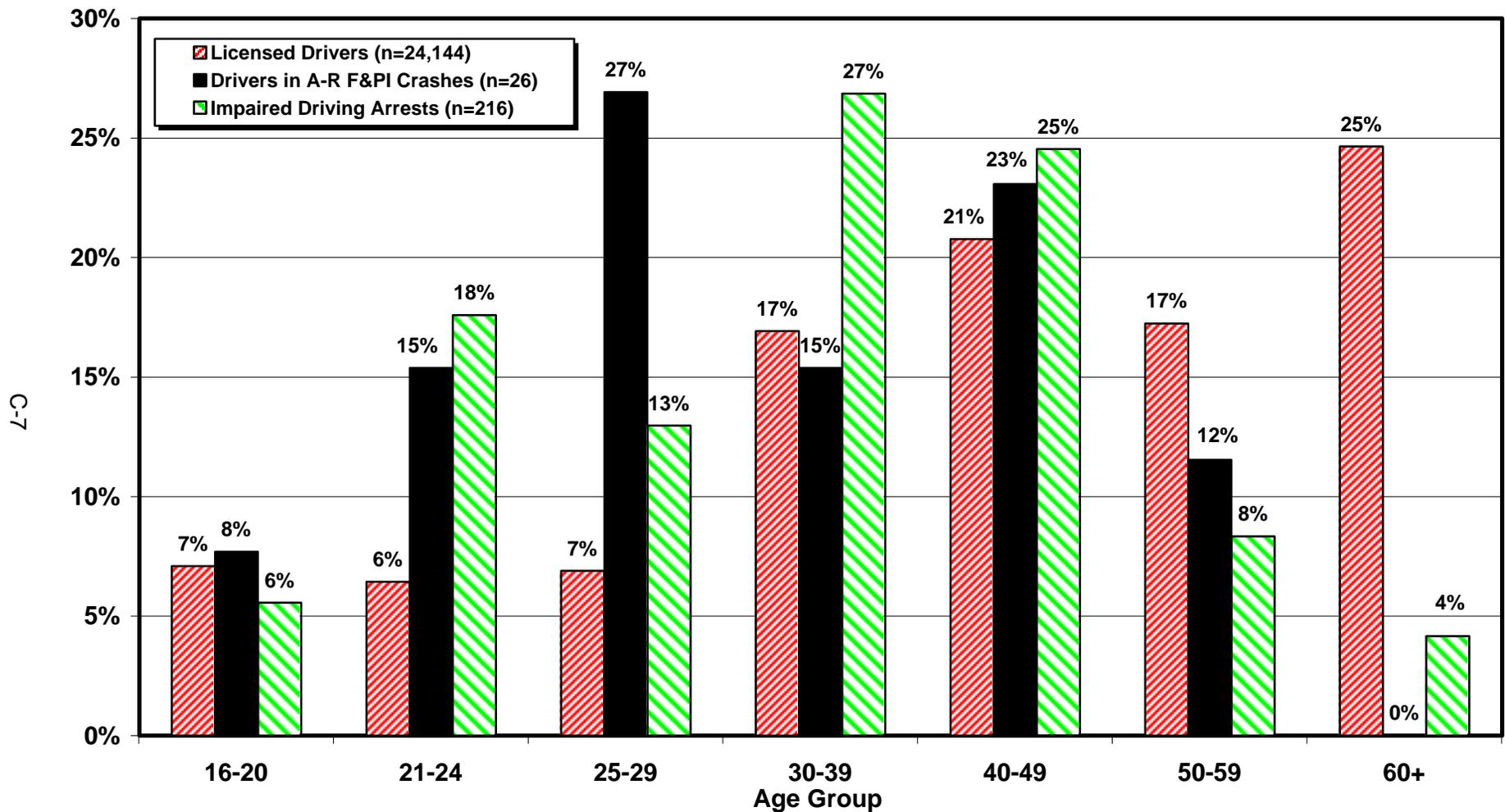
\* Police-reported crashes only.

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.

## Seneca 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.

## SENECA 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>	6,815	5,309	5,763	5,243
% of total tickets	51.9	44.7	42.3	42.7
% convicted on same charge	67.4	60.6	54.5	47.0
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	1,455	1,409	1,663	1,187
% of total tickets	11.1	11.9	12.2	9.7
% convicted on same charge	89.2	84.0	79.3	73.4
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	324	287	353	404
% of total tickets	2.5	2.4	2.6	3.3
<b>PERSONS ARRESTED*</b>	209	188	216	233
% arrested as result of patrol activity**	82.3	84.6	78.7	80.7
% arrested as result of crash	14.3	14.9	17.6	15.0
% arrested as result of <i>other means</i> ***	3.4	0.5	3.7	4.3
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>13,143</b>	<b>11,872</b>	<b>13,631</b>	<b>12,278</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: NYS DMV TSLE&D ticket system.

## SENECA COUNTY

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

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=209)</b>	<b>(N=189)</b>	<b>(N=216)</b>	<b>(N=233)</b>
Case adjudicated	94.3%	83.1%	91.2%	88.8%
Case pending	5.7%	16.9%	8.8%	11.2%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=197)</b>	<b>(N=157)</b>	<b>(N=197)</b>	<b>(N=207)</b>
<b>Convicted on Alcohol Charge</b>	<b>93.4%</b>	<b>94.3%</b>	<b>94.0%</b>	<b>96.7%</b>
Convicted on original alcohol charge	48.7%	47.8%	56.9%	69.1%
Convicted on reduced alcohol charge	32.5%	35.7%	25.4%	23.2%
Convicted on other alcohol charge	12.2%	10.8%	11.7%	4.4%
<b>Convicted on Non-Alcohol Charge</b>	<b>0.5%</b>	<b>1.3%</b>	<b>2.0%</b>	<b>1.5%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>6.1%</b>	<b>4.4%</b>	<b>4.0%</b>	<b>1.8%</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.

## SENECA COUNTY

### DWI/AI Probation Data

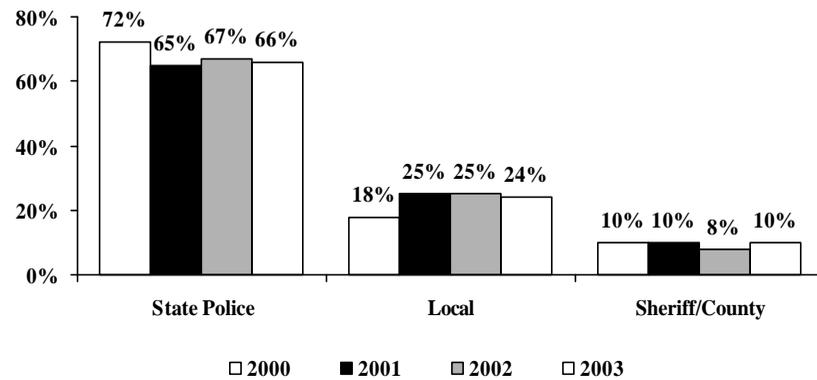
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	32	32	26	16
<b>Number of Persons on Probation*</b>	67	80	79	63

\* 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.

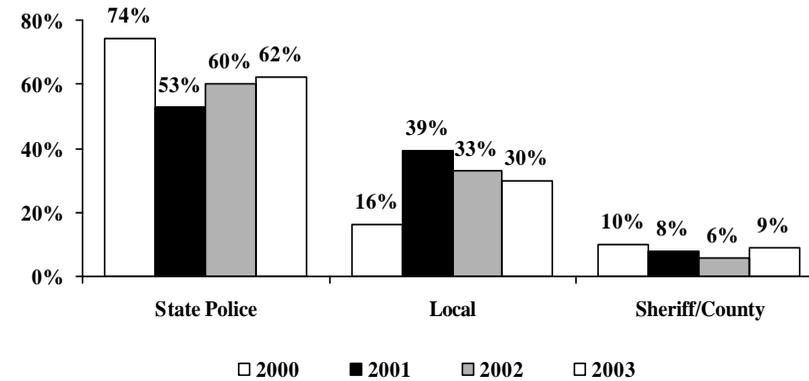
Source: NYS Division of Probation and Correctional Alternatives.

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

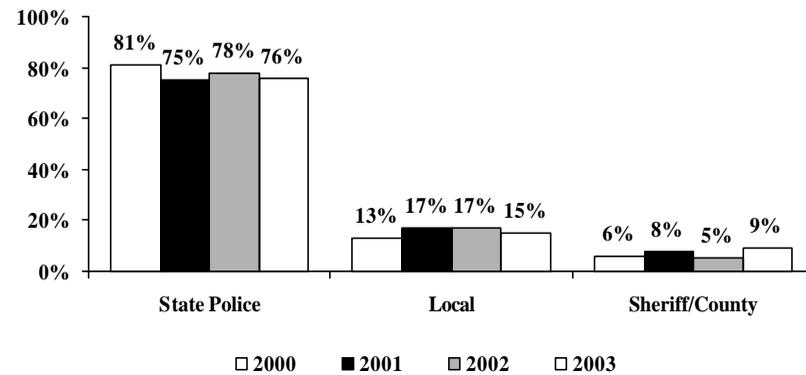
**All Tickets**



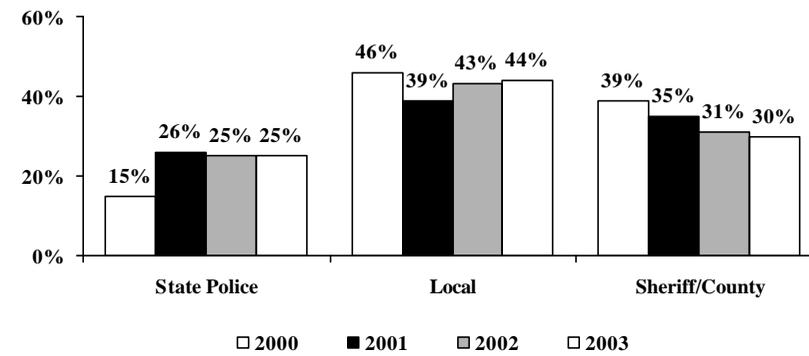
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



## SENECA 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
Seneca Sheriff NCIC 04900	alcohol	128	46.4	39.3	113	48.7	39.5	120	40.7	34.0	120	39.9	29.7
	speed	423	33.9	6.2	427	33.5	8.0	304	25.0	5.3	485	40.0	9.3
	seatbelt	142	38.6	9.7	113	17.4	8.0	101	17.8	6.1	102	24.0	8.6
Interlaken P.D. NCIC 04920	alcohol	11	4.0	3.4	2	0.9	0.7	0	0.0	0.0	8	2.7	2.0
	speed	186	14.9	2.7	200	15.7	3.8	111	9.1	1.9	148	12.2	2.8
	seatbelt	34	9.2	2.3	65	10.0	4.6	154	27.1	9.3	42	9.9	3.5
Waterloo Vill. P.D. NCIC 04921	alcohol	29	10.5	8.9	28	12.1	9.8	49	16.6	13.9	78	25.9	19.3
	speed	449	36.0	6.6	445	34.9	8.4	566	46.6	9.8	445	36.7	8.5
	seatbelt	108	29.3	7.4	188	28.9	13.4	182	32.0	10.9	199	46.8	16.8
Seneca Falls P.D. NCIC 04923	alcohol	108	39.1	33.1	89	38.4	31.1	124	42.0	35.1	93	30.9	23.0
	speed	177	14.2	2.6	168	13.2	3.2	202	16.6	3.5	132	10.9	2.5
	seatbelt	83	22.6	5.7	283	43.5	20.1	129	22.7	7.8	82	19.3	6.9
Ovid Vill P.D. NCIC 04924	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	1	0.1	<0.1	21	1.6	0.4	0	0.0	0.0	0	0.0	0.0
	seatbelt	0	0.0	0.0	1	0.2	0.1	1	0.2	0.1	0	0.0	0.0
Lodi Tn. Constabulary NCIC 04950	alcohol	0	0.0	0.0	0	0.0	0.0	2	0.7	0.6	2	0.7	0.5
	speed	11	0.9	0.2	13	1.0	0.2	31	2.6	0.5	3	0.2	0.1
	seatbelt	1	0.3	0.1	0	0.0	0.0	2	0.4	0.1	0	0.0	0.0

## SENECA 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	276	84.7	232	81.1	295	83.6	301	74.5			
	speed	1,247	18.3	1,274	24.0	1,214	21.1	1,213	23.1			
	seatbelt	368	25.2	650	46.2	569	34.2	425	35.8			
State Police	alcohol	48	14.7	49	17.1	58	16.4	98	24.3			
	speed	5,508	80.7	3,964	74.7	4,491	77.9	3,980	75.9			
	seatbelt	1,091	74.7	754	53.6	1,006	60.5	731	61.6			
Other incl. Finger Lakes Park Police	alcohol	2	0.6	5	1.7	0	0.0	5	1.2			
	speed	74	1.1	67	1.3	58	1.0	50	1.0			
	seatbelt	2	0.1	4	0.3	88	5.3	31	2.6			
<b>County Totals</b>		<b>alcohol</b>	<b>326</b>	<b>286</b>	<b>353</b>	<b>404</b>						
	<b>speed</b>	<b>6,829</b>	<b>5,305</b>	<b>5,763</b>	<b>5,243</b>							
	<b>seatbelt</b>	<b>1,461</b>	<b>1,408</b>	<b>1,663</b>	<b>1,187</b>							

Source: NYSDMV