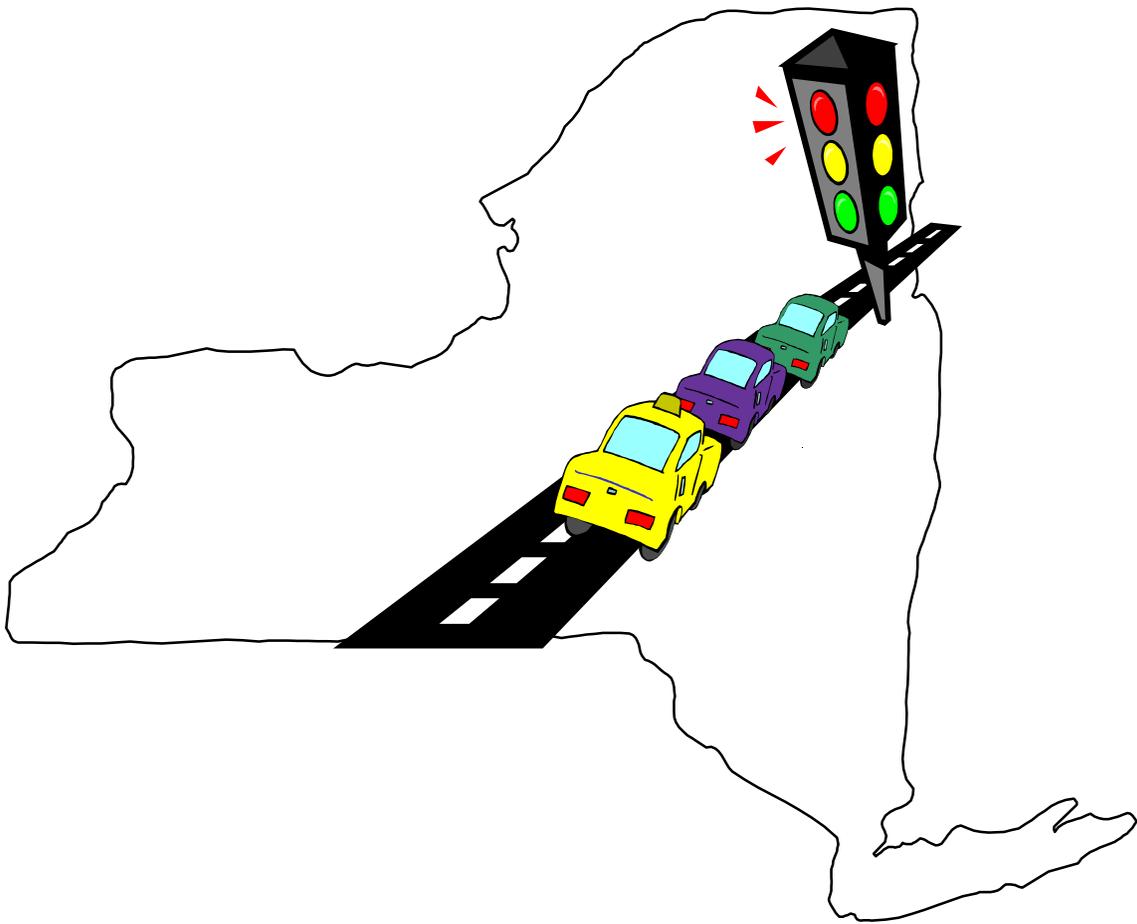


# **STEUBEN COUNTY**

## **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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## STEUBEN COUNTY

### CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>1,836</b>		<b>2,318</b>		<b>1,669 *</b>		<b>1,161 *</b>	
Fatal	16	0.9	13	0.6	12	0.7	19	1.6
Personal Injury	741	40.4	801	34.6	693	41.5	722	62.2
Property Damage*	1,079	58.8	1,504	64.9	964 *	57.8	420 *	36.2
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	29	1.6	29	1.3	16	1.0	19	1.6
Bicycle crashes	28	1.5	21	0.9	14	0.8	15	1.3
Motorcycle crashes	34	1.9	32	1.4	38	2.3	36	3.1
<b>TOTAL FATALITIES (persons)</b>	<b>21</b>		<b>13</b>		<b>12</b>		<b>21</b>	
Drivers	13	61.9	9	69.2	4	33.3	14	66.7
Passengers	7	33.3	3	23.1	6	50.0	5	23.8
Pedestrians	1	4.8	1	7.7	2	16.7	1	4.8
Bicyclists	0	0.0	0	0.0	0	0.0	1	4.8
<b>TOTAL INJURIES** (persons)</b>	<b>1,037</b>		<b>1,092</b>		<b>998</b>		<b>963</b>	
Drivers	636	61.3	654	59.9	609	61.0	630	65.4
Passengers	339	32.7	381	34.9	360	36.1	302	31.4
Pedestrians	31	3.0	32	2.9	15	1.5	15	1.6
Bicyclists	26	2.5	21	1.9	14	1.4	14	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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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.

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

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	187.92	234.79	168.30*	116.68*
Crash Rate per 10,000 Licensed Drivers	261.45	323.91	230.64*	161.29*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	111.98	115.27	104.67	104.82
Fatality & Injury Rate per 10,000 Licensed Drivers	155.78	159.02	143.44	144.90
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.576	1.504	1.524	1.547

\* 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.

## STEUBEN COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1999	%	2000	%	2001	%	2002	%
<b>Total Crashes</b>	<b>1,658</b>		<b>2,094</b>		<b>1,537</b>		<b>802</b>	
Alcohol involvement	113	6.8	106	5.1	101	6.6	69	8.6
Unsafe speed	287	17.3	372	17.8	329	21.4	220	27.4
Driver inattention/distraction**	245	14.8	309	14.8	166	10.8	112	14.0
Failure to yield right-of-way	163	9.8	181	8.6	149	9.7	86	10.7
Following too closely	114	6.9	162	7.7	120	7.8	74	9.2
Improper passing/lane usage	80	4.8	105	5.0	72	4.7	40	5.0
Traffic control disregarded	34	2.1	53	2.5	39	2.5	26	3.2
Unsafe lane changing	34	2.1	44	2.1	30	2.0	12	1.5

\* 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.

## STEUBEN COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	<b>3,583</b>	<b>136</b>	<b>4,226</b>	<b>119</b>	<b>3,210</b>	<b>116</b>	<b>1,811</b>	<b>126</b>
No restraint used	6.4	32.4	5.7	27.7	6.4	33.6	7.8	27.8
Restraint used	84.1	56.6	90.7	66.4	82.6	59.5	85.6	54.8
Restraint use unspecified	9.5	11.0	3.6	5.9	11.0	6.9	6.5	17.5

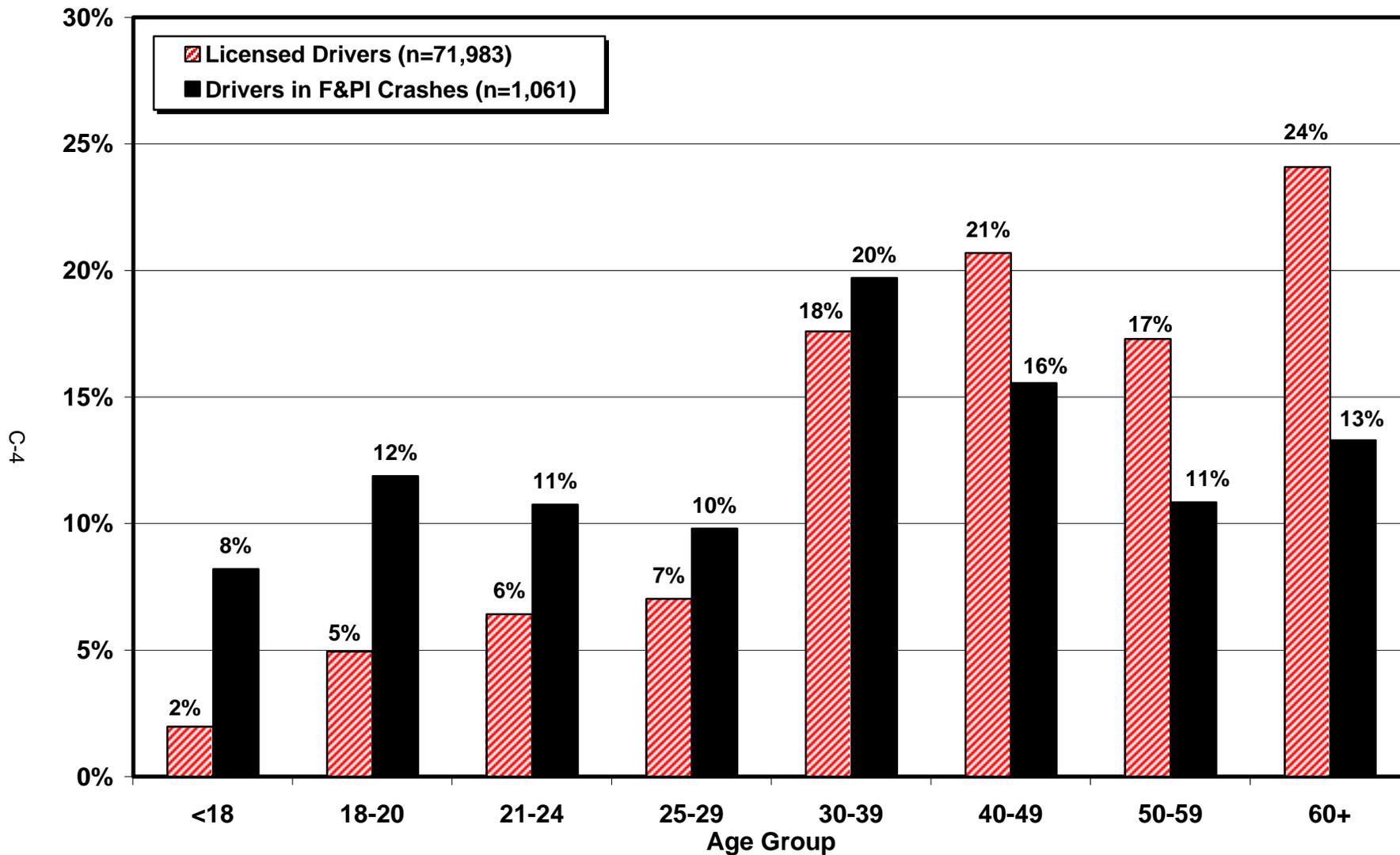
\* Police-reported crashes only.

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

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

## Steuben County 2002

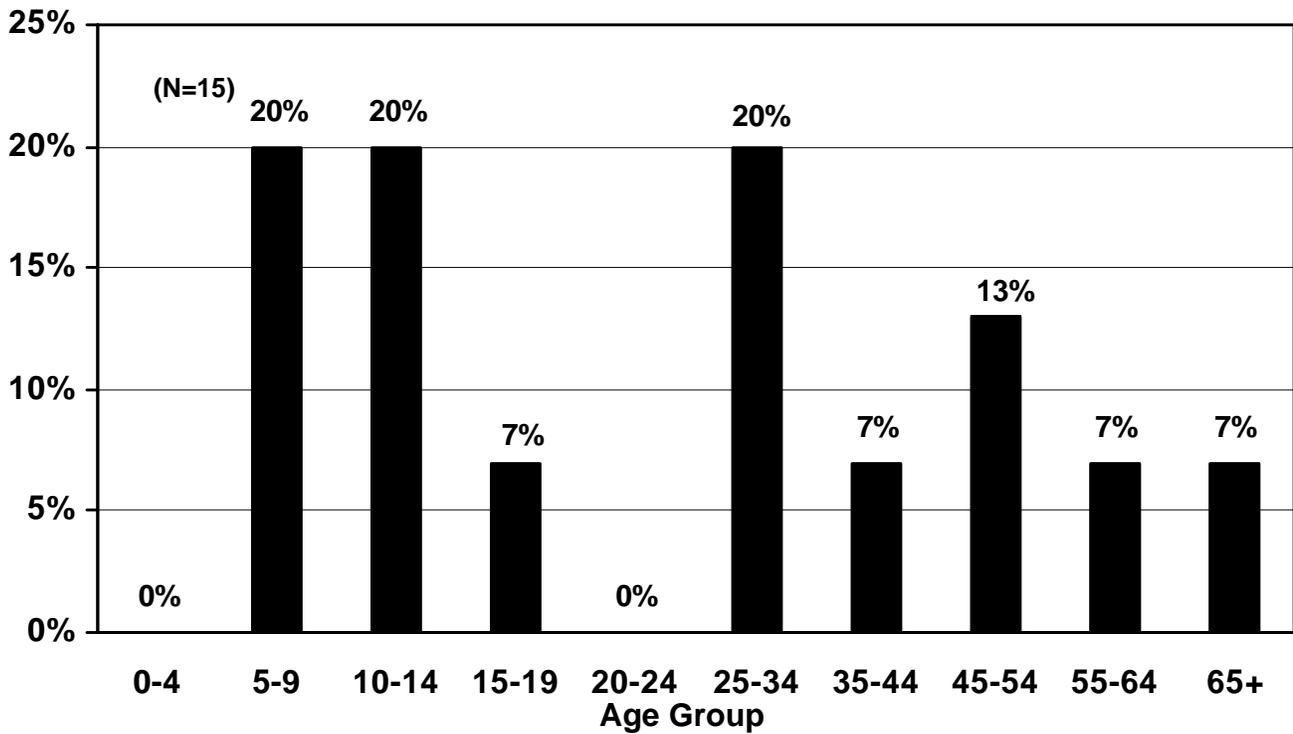
### Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

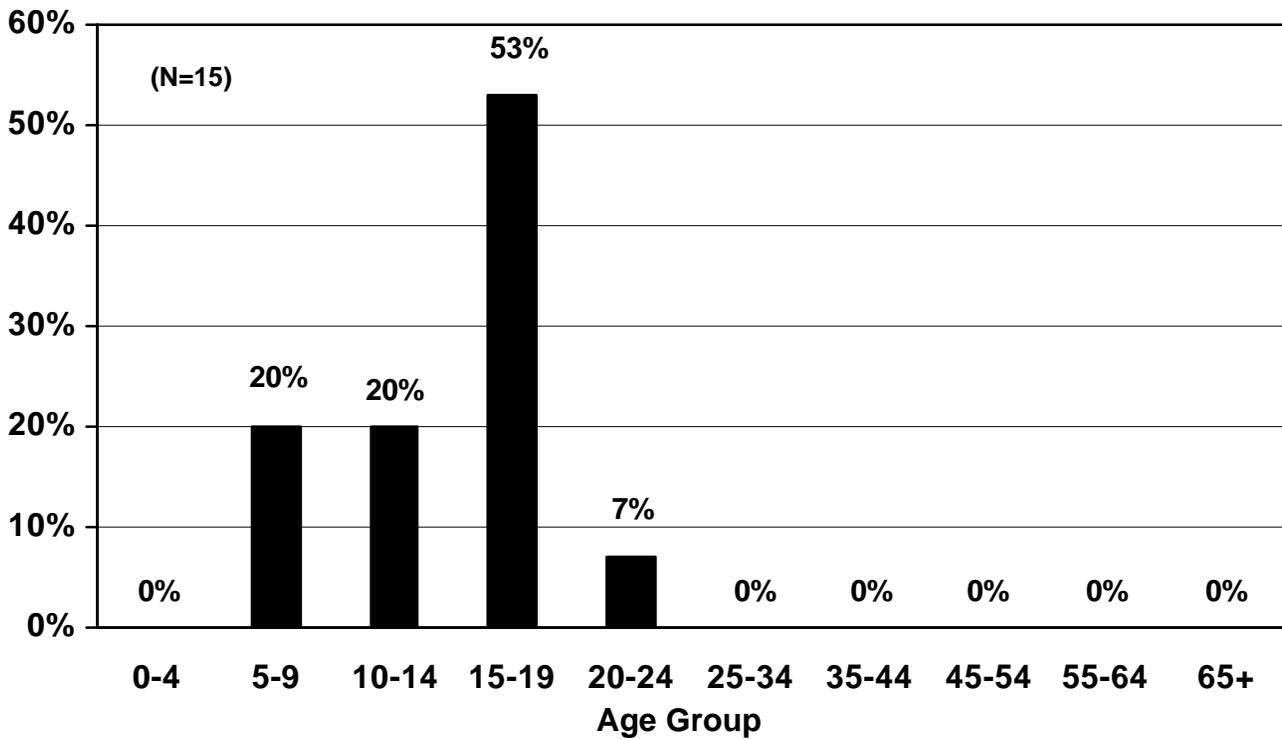
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

**Steuben County 2002  
Pedestrians Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

**Steuben County 2002  
Bicyclists Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

## STEUBEN COUNTY

### ALCOHOL-RELATED CRASH DATA\*

	1999	2000	2001	2002
<b>TOTAL CRASHES (events)</b>	<b>1,658</b>	<b>2,094</b>	<b>1,537</b>	<b>802</b>
Alcohol-related crashes	113	106	104	75
% of total crashes	6.8	5.1	6.8	9.4
<b>FATAL CRASHES (events)</b>	<b>16</b>	<b>13</b>	<b>12</b>	<b>19</b>
Alcohol-related fatal crashes	4	5	5	9
% of fatal crashes	25.0	38.5	41.7	47.4
<b>PERSONAL INJURY CRASHES (events)</b>	<b>715</b>	<b>774</b>	<b>673</b>	<b>674</b>
Alcohol-related injury crashes	73	61	69	66
% of injury crashes	10.2	7.9	10.3	9.8
<b>TOTAL FATALITIES (persons)</b>	<b>21</b>	<b>13</b>	<b>12</b>	<b>21</b>
Alcohol-related fatalities	4	5	5	10
% of total fatalities	19.0	38.5	41.7	47.6
<b>TOTAL INJURIES (persons)</b>	<b>1,037</b>	<b>1,092</b>	<b>998</b>	<b>963</b>
Alcohol-related injuries	110	80	132	110
% of total injuries	10.6	7.3	13.2	11.4

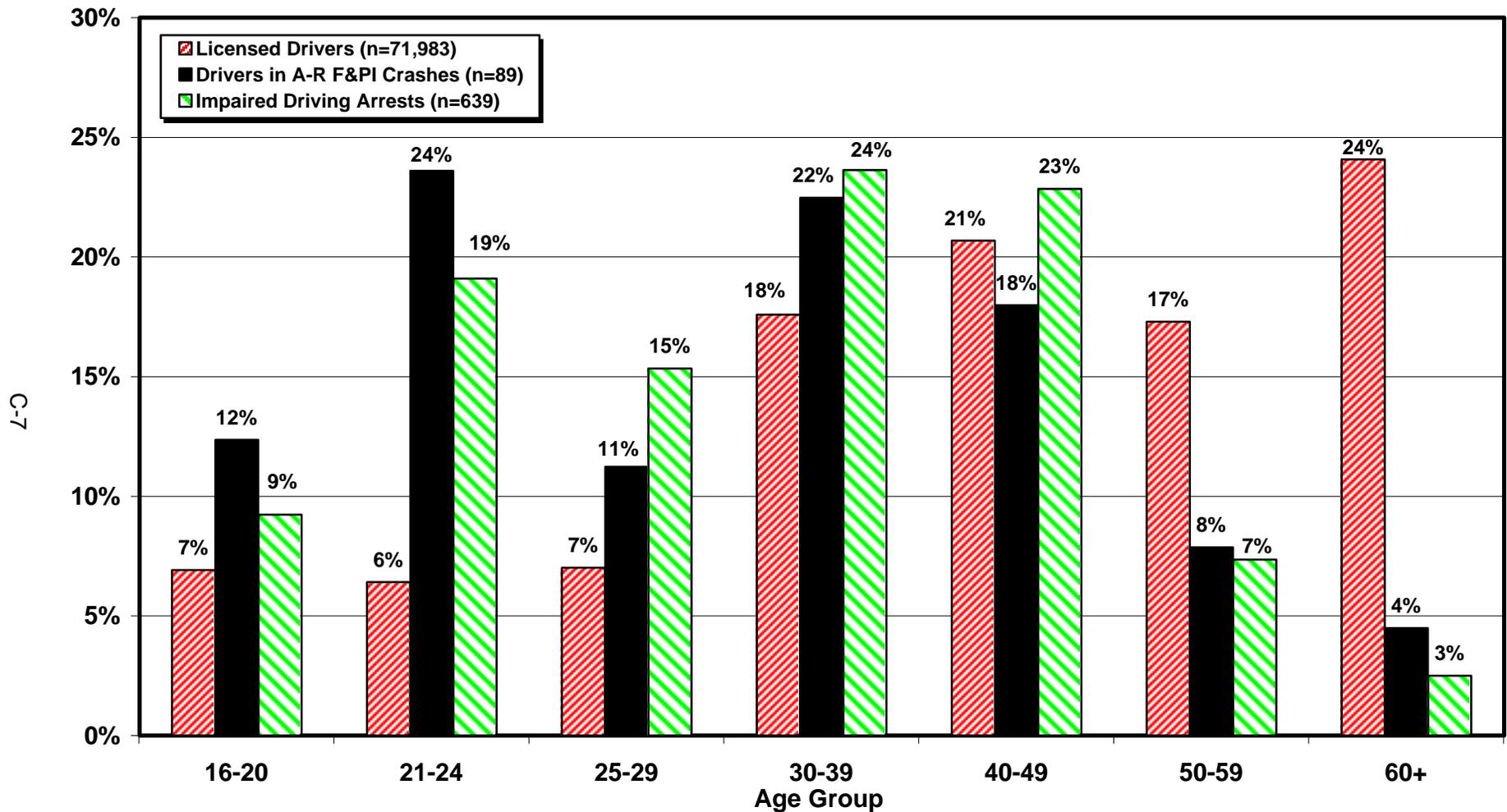
\* Police-reported crashes only.

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.

## Steuben 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.

## STEUBEN 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>	13,012	12,443	13,069	11,502
% of total tickets	39.8	37.3	37.7	38.0
% convicted on same charge	71.1	67.3	64.2	60.6
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	3,485	3,449	3,458	2,666
% of total tickets	10.7	10.3	10.0	8.8
% convicted on same charge	84.1	86.4	83.9	78.5
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	1,193	1,104	976	834
% of total tickets	3.7	3.3	2.8	2.8
<b>PERSONS ARRESTED*</b>	799	722	641	551
% arrested as result of patrol activity**	88.7	88.4	88.0	89.1
% arrested as result of crash	9.4	10.7	11.2	9.6
% arrested as result of <i>other means</i> ***	1.9	1.0	0.8	1.3
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>32,657</b>	<b>33,354</b>	<b>34,692</b>	<b>30,249</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.

## STEUBEN COUNTY

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

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=799)</b>	<b>(N=722)</b>	<b>(N=641)</b>	<b>(N=551)</b>
Case adjudicated	94.7%	83.1%	92.8%	79.9%
Case pending	5.3%	16.9%	7.2%	20.1%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=757)</b>	<b>(N=600)</b>	<b>(N=595)</b>	<b>(N=440)</b>
<b>Convicted on Alcohol Charge</b>	<b>91.4%</b>	<b>94.7%</b>	<b>92.5%</b>	<b>95.2%</b>
Convicted on original alcohol charge	42.4%	43.3%	40.7%	48.6%
Convicted on reduced alcohol charge	36.6%	41.7%	39.5%	32.5%
Convicted on other alcohol charge	12.4%	9.7%	12.3%	14.1%
<b>Convicted on Non-Alcohol Charge</b>	<b>4.0%</b>	<b>2.0%</b>	<b>3.7%</b>	<b>2.1%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>4.6%</b>	<b>3.3%</b>	<b>3.8%</b>	<b>2.7%</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.

## STEUBEN COUNTY

### DWI/AI Probation Data

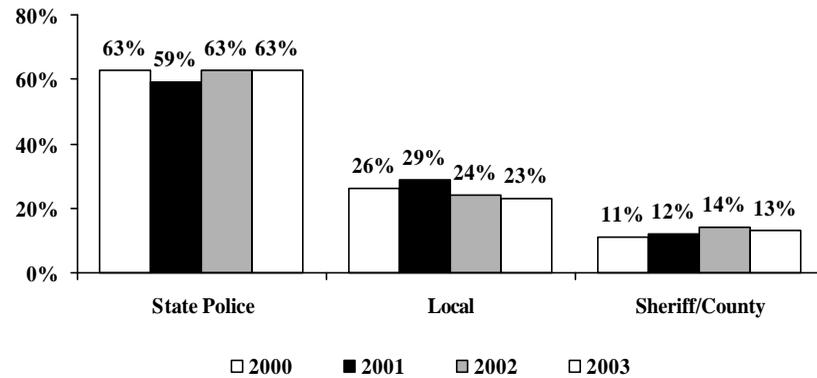
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	141	110	95	103
<b>Number of Persons on Probation*</b>	383	399	359	291

\* 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.

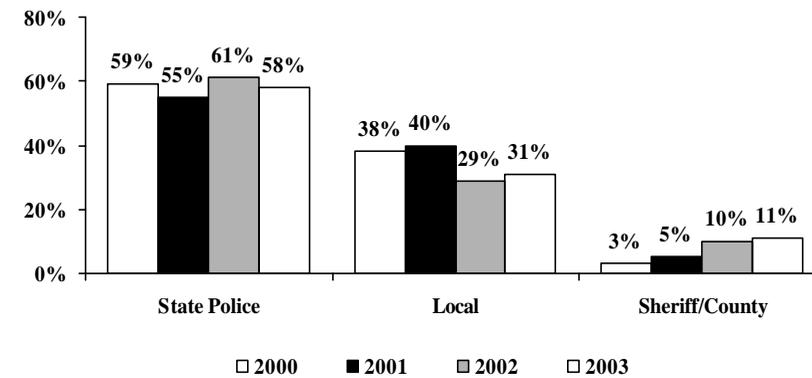
Source: NYS Division of Probation and Correctional Alternatives.

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

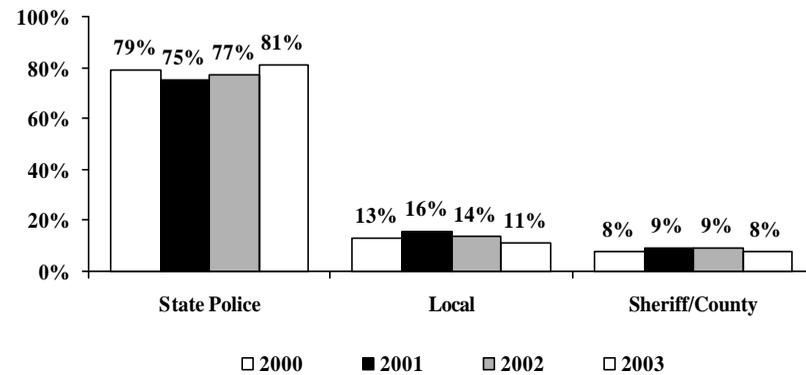
**All Tickets**



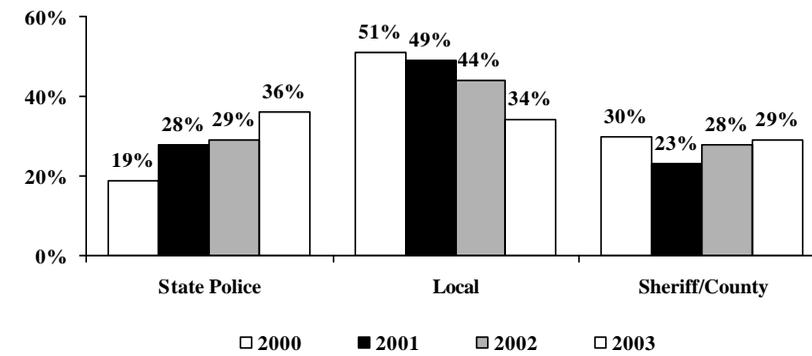
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



C-10

## STEUBEN 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
Steuben Sheriff NCIC 05000	alcohol	356	36.9	29.8	276	31.2	25.1	308	39.5	31.6	271	46.2	32.5
	speed	1,004	36.1	7.7	1,175	37.8	9.5	1,214	41.1	9.3	886	42.0	7.7
	seatbelt	117	8.1	3.3	169	11.1	4.9	331	25.3	9.6	305	27.1	11.4
Corning P.D. NCIC 05001	alcohol	250	25.9	20.9	332	37.5	30.2	236	30.3	24.2	177	30.2	21.2
	speed	1,031	37.1	7.9	1,145	36.8	9.2	1,130	38.3	8.6	699	33.1	6.1
	seatbelt	851	58.6	24.3	900	59.1	26.1	554	42.4	16.0	387	34.4	14.5
Hornell P.D. NCIC 05002	alcohol	84	8.7	7.0	85	9.6	7.7	67	8.6	6.9	29	4.9	3.5
	speed	176	6.3	1.3	209	6.7	1.7	194	6.6	1.5	192	9.1	1.7
	seatbelt	18	1.2	0.5	39	2.6	1.1	97	7.4	2.8	106	9.4	4.0
Addison P.D. NCIC 05020	alcohol	91	9.4	7.6	39	4.4	3.5	26	3.3	2.7	13	2.2	1.6
	speed	214	7.7	1.6	156	5.0	1.3	61	2.1	0.5	53	2.5	0.5
	seatbelt	100	6.9	2.9	136	8.9	3.9	50	3.8	1.4	33	2.9	1.2
Vill. of Bath NCIC 05022	alcohol	127	13.2	10.6	109	12.3	9.9	81	10.4	8.3	55	9.4	6.6
	speed	156	5.6	1.2	178	5.7	1.4	187	6.3	1.4	134	6.3	1.2
	seatbelt	183	12.6	5.2	139	9.1	4.0	155	11.9	4.5	164	14.6	6.2
Canisteo P.D. NCIC 05024	alcohol	16	1.7	1.3	18	2.0	1.6	11	1.4	1.1	14	2.4	1.7
	speed	37	1.3	0.3	40	1.3	0.3	44	1.5	0.3	49	2.3	0.4
	seatbelt	42	2.9	1.2	38	2.5	1.1	43	3.3	1.2	14	1.2	0.5
Cohocton P.D. NCIC 05025	alcohol	4	0.4	0.3	2	0.2	0.2	0	0.0	0.0	4	0.7	0.5
	speed	8	0.3	0.1	0	0.0	0.0	2	0.1	<0.1	10	0.5	0.1
	seatbelt	44	3.0	1.3	0	0.0	0.0	2	0.2	0.1	4	0.4	0.2
Painted Post P.D. NCIC 05026	alcohol	6	0.6	0.5	5	0.6	0.5	4	0.5	0.4	0	0.0	0.0
	speed	25	0.9	0.2	37	1.2	0.3	21	0.7	0.2	15	0.7	0.1
	seatbelt	16	1.1	0.5	11	0.7	0.3	6	0.5	0.2	6	0.5	0.2

## STEUBEN 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
Hammonsport P.D. NCIC 05028	alcohol	5	0.5	0.4	4	0.5	0.4	13	1.7	1.3	11	1.9	1.3
	speed	33	1.2	0.3	18	0.6	0.1	31	1.0	0.2	25	1.2	0.2
	seatbelt	1	0.1	<0.1	2	0.1	0.1	3	0.2	0.1	4	0.4	0.2
Wayland P.D. NCIC 05029	alcohol	26	2.7	2.2	15	1.7	1.4	33	4.2	3.4	9	1.5	1.1
	speed	85	3.1	0.7	112	3.6	0.9	37	1.3	0.3	30	1.4	0.3
	seatbelt	79	5.4	2.3	83	5.4	2.4	64	4.9	1.9	96	8.5	3.6
North Hornell P.D. NCIC 05034	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	4	0.7	0.5
	speed	9	0.3	0.1	41	1.3	0.3	33	1.1	0.3	18	0.9	0.2
	seatbelt	0	0.0	0.0	7	0.5	0.2	1	0.1	<0.1	6	0.5	0.2
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	965		80.8	885		80.5	779		79.8	587		70.4
	speed	2,778		21.3	3,111		25.0	2,954		22.6	2,111		18.4
	seatbelt	1,451		41.4	1,524		44.3	1,306		37.8	1,125		42.2
State Police	alcohol	228		19.1	210		19.1	191		19.6	245		29.4
	speed	10,260		78.6	9,297		74.8	10,050		76.9	9,369		81.5
	seatbelt	2,049		58.4	1,911		55.5	2,118		61.3	1,537		57.7
Other incl. Park Police & Tn. of Caton '03 (NCIC 05036 )	alcohol	1		0.1	5		0.5	6		0.6	2		0.2
	speed	9		0.1	16		0.1	63		0.5	22		0.2
	seatbelt	8		0.2	9		0.3	33		1.0	4		0.2
<b>County Totals</b>													
	alcohol	1,194			1,100			976			834		
	speed	13,047			12,424			13,067			11,502		
	seatbelt	3,508			3,444			3,457			2,666		

Source: NYSDMV