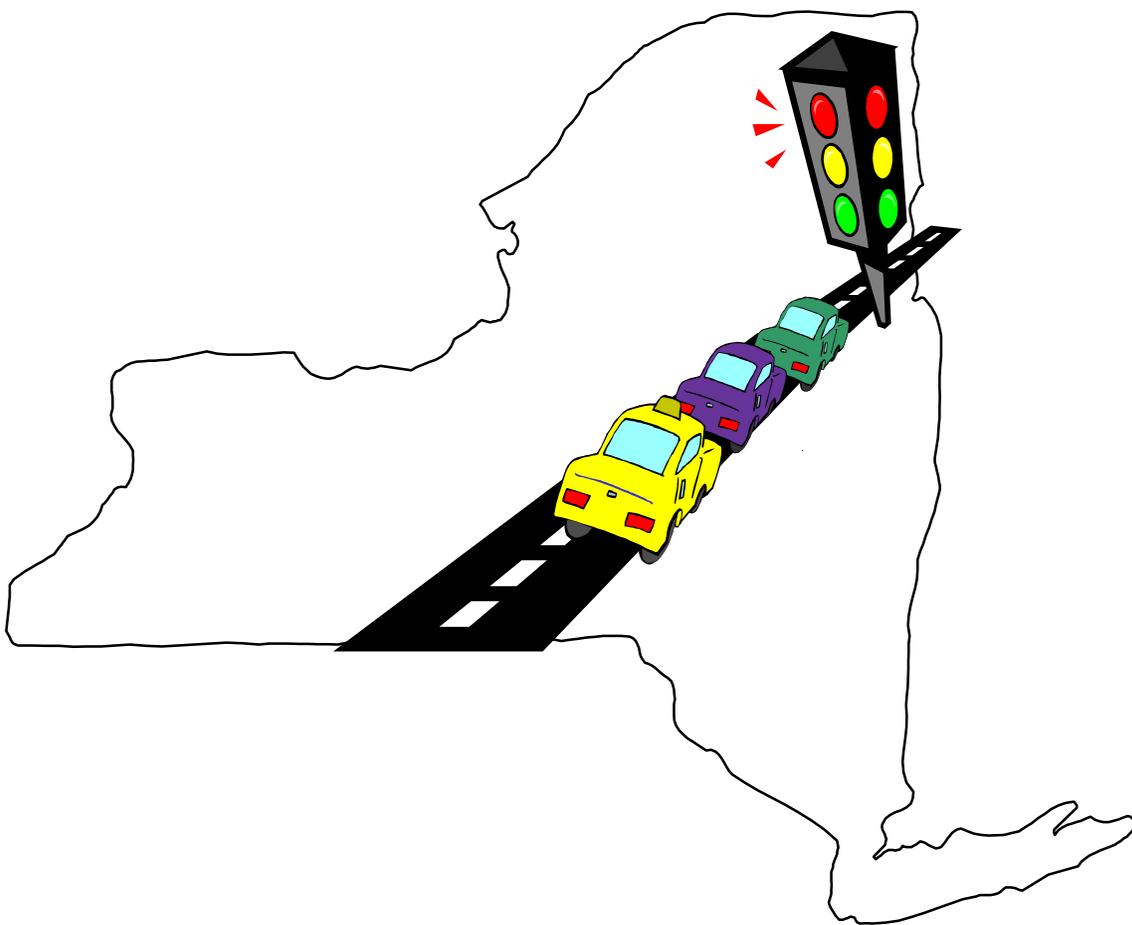


# **SARATOGA COUNTY**

## **TRAFFIC SAFETY DATA**



**Prepared by**

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**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

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## SARATOGA COUNTY

### CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>3,052</b>		<b>3,314</b>		<b>2,801 *</b>		<b>2,217 *</b>	
Fatal	23	0.8	16	0.5	18	0.6	15	0.7
Personal Injury	1,422	46.6	1,421	42.9	1,336	47.7	1,338	60.4
Property Damage*	1,607	52.7	1,877	56.6	1,447 *	51.7	864 *	39.0
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	43	1.4	32	1.0	49	1.7	40	1.8
Bicycle crashes	29	1.0	31	0.9	19	0.7	19	0.9
Motorcycle crashes	56	1.8	56	1.7	51	1.8	71	3.2
<b>TOTAL FATALITIES (persons)</b>	<b>29</b>		<b>17</b>		<b>19</b>		<b>16</b>	
Drivers	23	79.3	13	76.5	10	52.6	11	68.8
Passengers	5	17.2	3	17.6	3	15.8	4	25.0
Pedestrians	1	3.4	1	5.9	5	26.3	0	0.0
Bicyclists	0	0.0	0	0.0	1	5.3	1	6.3
<b>TOTAL INJURIES** (persons)</b>	<b>1,968</b>		<b>1,964</b>		<b>1,905</b>		<b>1,638</b>	
Drivers	1,375	69.9	1,334	67.9	1,317	69.1	1,123	68.6
Passengers	523	26.6	569	29.0	526	27.6	458	28.0
Pedestrians	44	2.2	32	1.6	43	2.3	40	2.4
Bicyclists	25	1.3	29	1.5	18	0.9	16	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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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.

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

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	152.80	165.18	136.98*	107.17*
Crash Rate per 10,000 Licensed Drivers	210.47	222.53	184.26*	142.15*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	103.24	102.42	95.85	90.25
Fatality & Injury Rate per 10,000 Licensed Drivers	142.20	137.99	128.94	119.71
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.468	1.409	1.401	1.390

\* 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.

## SARATOGA COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1999	%	2000	%	2001	%	2002	%
<b>Total Crashes</b>	<b>2,731</b>		<b>2,974</b>		<b>2,597</b>		<b>1,379</b>	
Alcohol involvement	177	6.5	184	6.2	154	5.9	98	7.1
Unsafe speed	432	15.8	496	16.7	398	15.3	225	16.3
Driver inattention/distraction**	367	13.4	460	15.5	362	13.9	216	15.7
Failure to yield right-of-way	519	19.0	515	17.3	461	17.8	291	21.1
Following too closely	492	18.0	553	18.6	460	17.7	223	16.2
Improper passing/lane usage	190	7.0	226	7.6	176	6.8	86	6.2
Traffic control disregarded	114	4.2	125	4.2	117	4.5	55	4.0
Unsafe lane changing	91	3.3	79	2.7	53	2.0	27	2.0

\* 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.

## SARATOGA COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	<b>6,970</b>	<b>201</b>	<b>7,059</b>	<b>160</b>	<b>6,337</b>	<b>150</b>	<b>3,549</b>	<b>144</b>
No restraint used	3.7	16.9	3.7	25.0	3.2	17.3	4.5	14.6
Restraint used	89.4	75.6	93.6	70.0	88.3	74.7	89.7	70.1
Restraint use unspecified	6.9	7.5	2.7	5.0	8.5	8.0	5.9	15.3

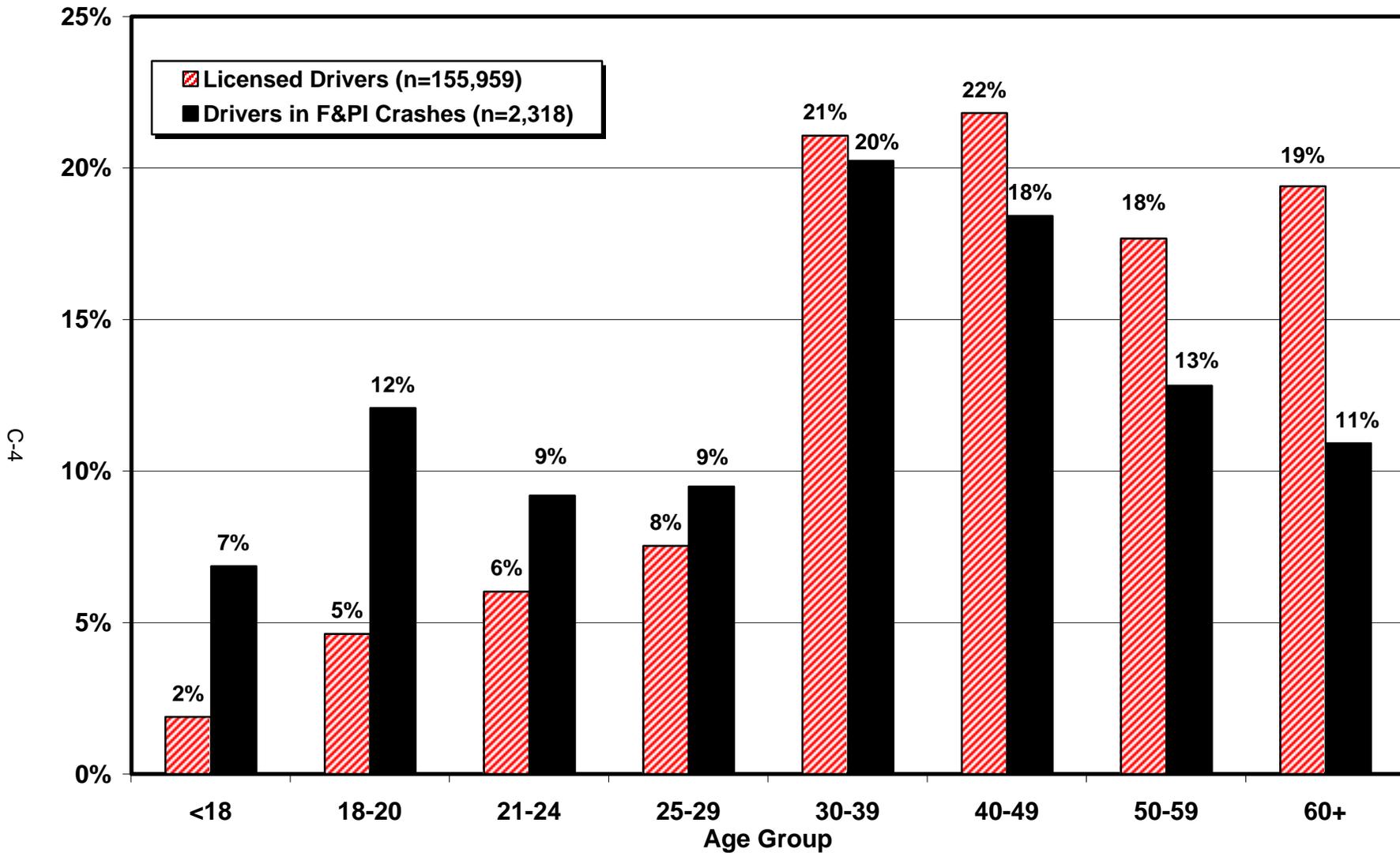
\* Police-reported crashes only.

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.

## Saratoga County 2002

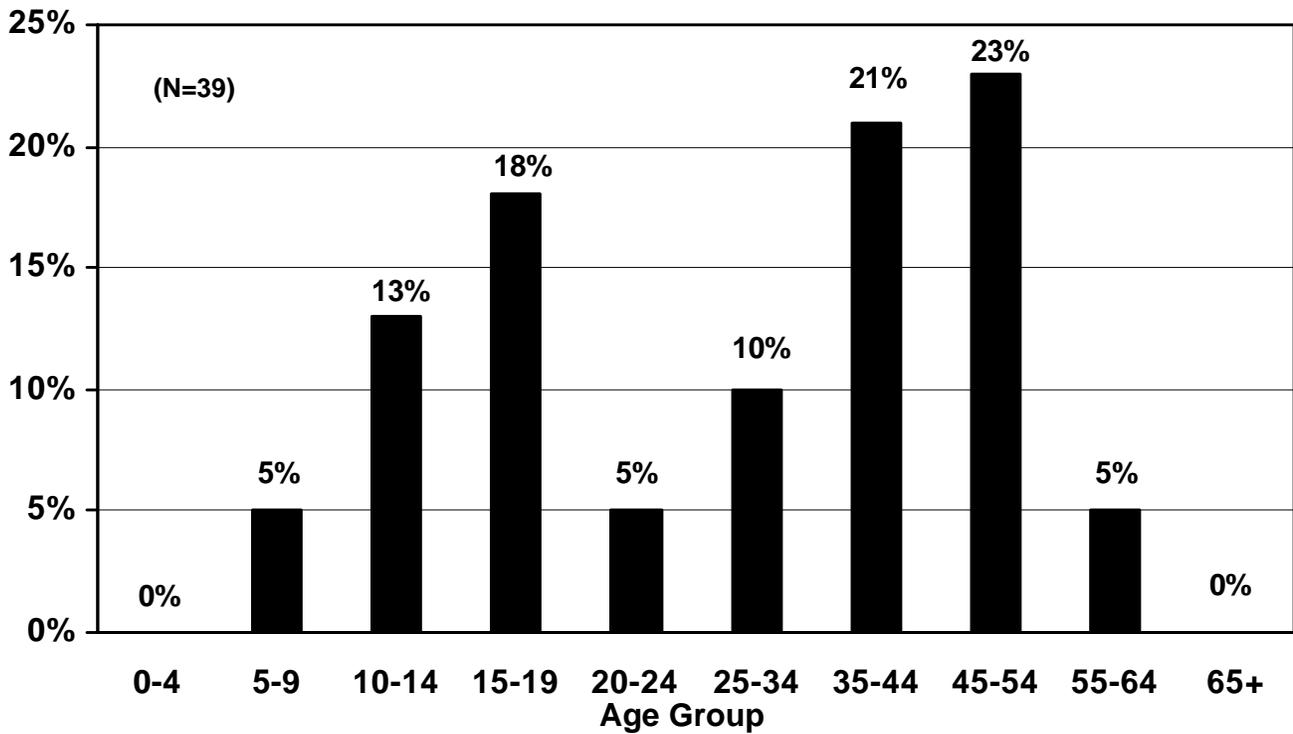
### Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

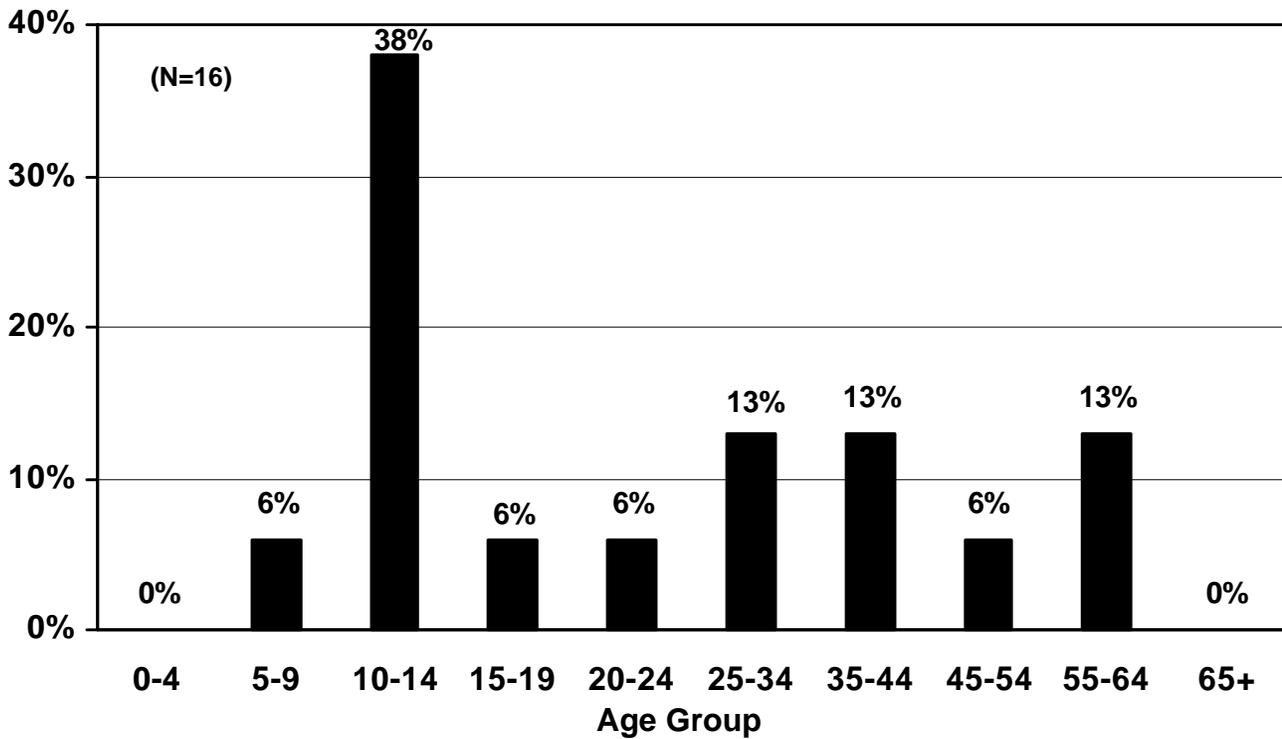
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

**SARATOGA COUNTY**  
**ALCOHOL-RELATED CRASH DATA\***

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
<b>TOTAL CRASHES (events)</b>	<b>2,731</b>	<b>2,974</b>	<b>2,597</b>	<b>1,379</b>
Alcohol-related crashes	178	188	164	103
% of total crashes	6.5	6.3	6.3	7.5
<b>FATAL CRASHES (events)</b>	<b>23</b>	<b>16</b>	<b>18</b>	<b>15</b>
Alcohol-related fatal crashes	8	3	7	3
% of fatal crashes	34.8	18.8	38.9	20.0
<b>PERSONAL INJURY CRASHES (events)</b>	<b>1,365</b>	<b>1,360</b>	<b>1,303</b>	<b>1,177</b>
Alcohol-related injury crashes	109	116	101	92
% of injury crashes	8.0	8.5	7.8	7.8
<b>TOTAL FATALITIES (persons)</b>	<b>29</b>	<b>17</b>	<b>19</b>	<b>16</b>
Alcohol-related fatalities	11	3	7	3
% of total fatalities	37.9	17.6	36.8	18.8
<b>TOTAL INJURIES (persons)</b>	<b>1,968</b>	<b>1,964</b>	<b>1,905</b>	<b>1,638</b>
Alcohol-related injuries	160	163	142	116
% of total injuries	8.1	8.3	7.5	7.1

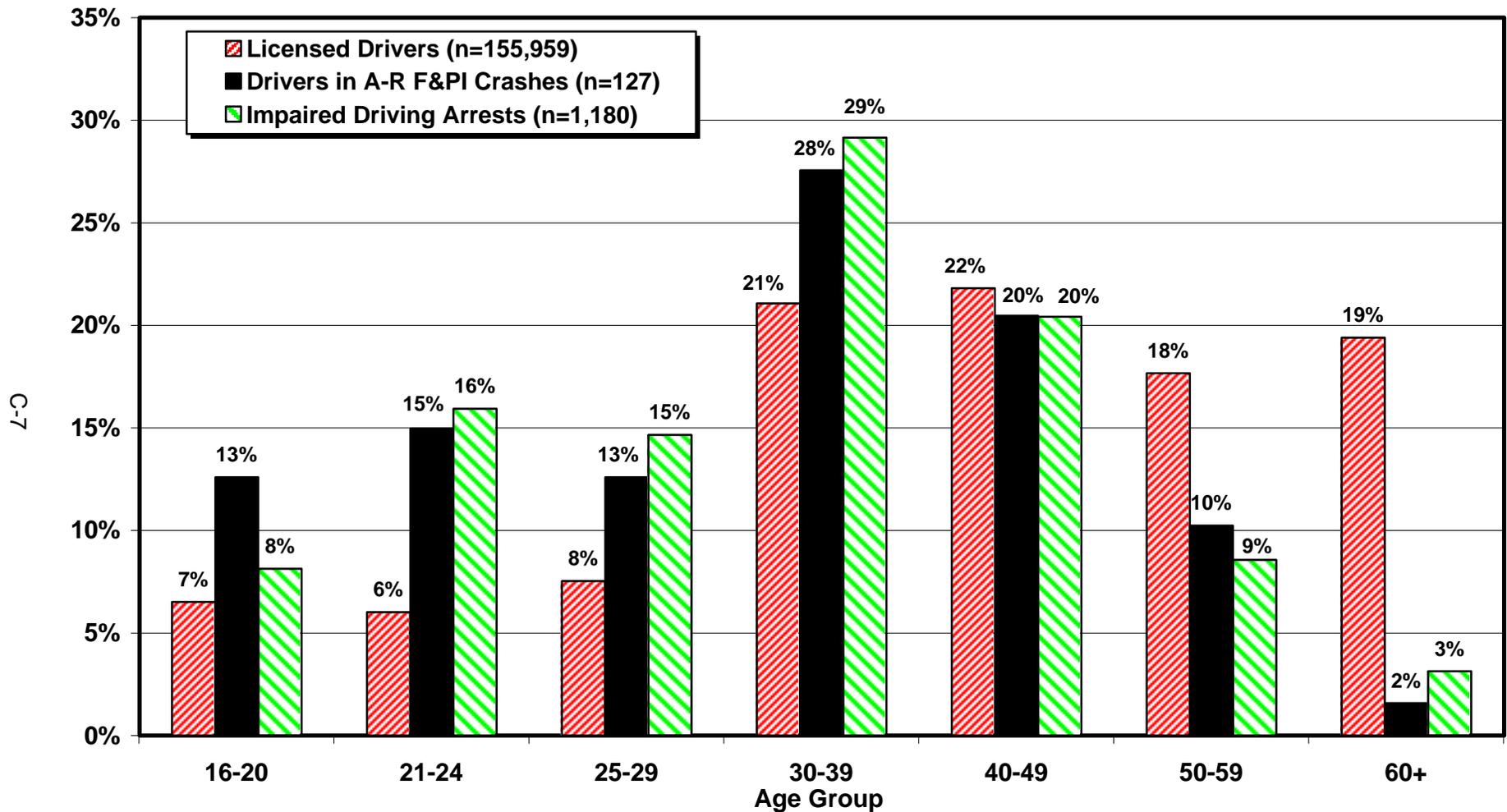
\* Police-reported crashes only.

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.

## Saratoga 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.

## SARATOGA 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>	15,835	12,444	14,837	13,857
% of total tickets	35.1	31.5	32.0	28.3
% convicted on same charge	50.2	45.0	34.9	35.2
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	5,017	4,386	5,311	5,303
% of total tickets	11.1	11.1	11.5	10.8
% convicted on same charge	88.6	81.4	73.3	73.0
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	1,274	1,332	1,413	1,692
% of total tickets	2.8	3.4	3.0	3.5
<b>PERSONS ARRESTED*</b>	1,111	1,154	1,181	1,273
% arrested as result of patrol activity**	81.7	77.1	80.8	83.5
% arrested as result of crash	16.4	20.5	18.1	15.2
% arrested as result of <i>other means</i> ***	1.9	2.4	1.1	1.3
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>45,101</b>	<b>39,496</b>	<b>46,381</b>	<b>49,013</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.

## SARATOGA COUNTY

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

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=1,111)</b>	<b>(N=1,154)</b>	<b>(N=1,181)</b>	<b>(N=1,273)</b>
Case adjudicated	95.4%	88.8%	95.8%	91.0%
Case pending	4.6%	11.2%	4.2%	9.0%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=1,060)</b>	<b>(N=1,025)</b>	<b>(N=1,131)</b>	<b>(N=1,158)</b>
<b>Convicted on Alcohol Charge</b>	<b>90.1%</b>	<b>89.5%</b>	<b>90.7%</b>	<b>90.2%</b>
Convicted on original alcohol charge	18.0%	14.4%	15.9%	16.8%
Convicted on reduced alcohol charge	54.3%	57.5%	56.8%	56.9%
Convicted on other alcohol charge	17.8%	17.6%	18.0%	16.5%
<b>Convicted on Non-Alcohol Charge</b>	<b>2.4%</b>	<b>3.4%</b>	<b>1.7%</b>	<b>2.5%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>7.5%</b>	<b>7.1%</b>	<b>7.6%</b>	<b>7.3%</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.

## SARATOGA COUNTY

### DWI/AI Probation Data

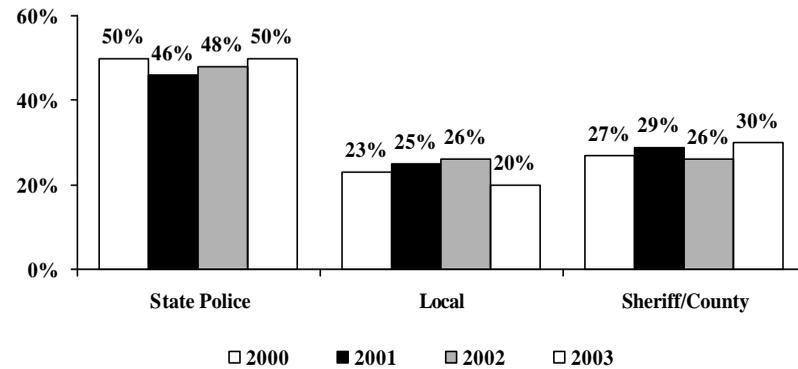
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	155	111	106	110
<b>Number of Persons on Probation*</b>	383	393	380	319

\* 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.

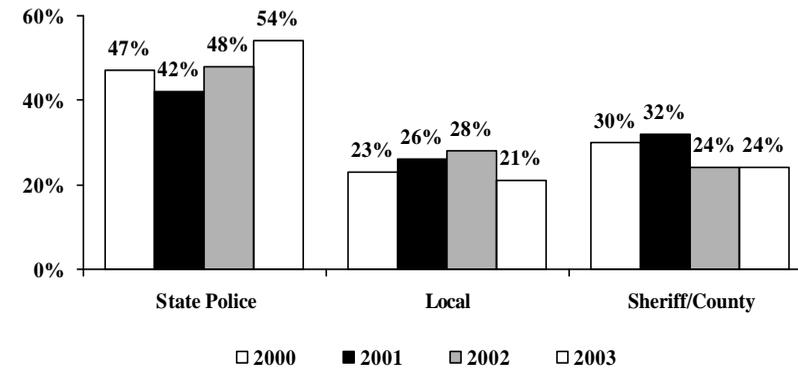
Source: NYS Division of Probation and Correctional Alternatives.

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

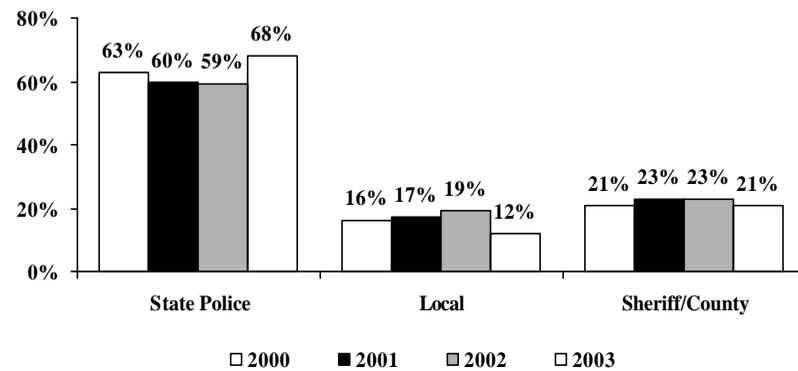
**All Tickets**



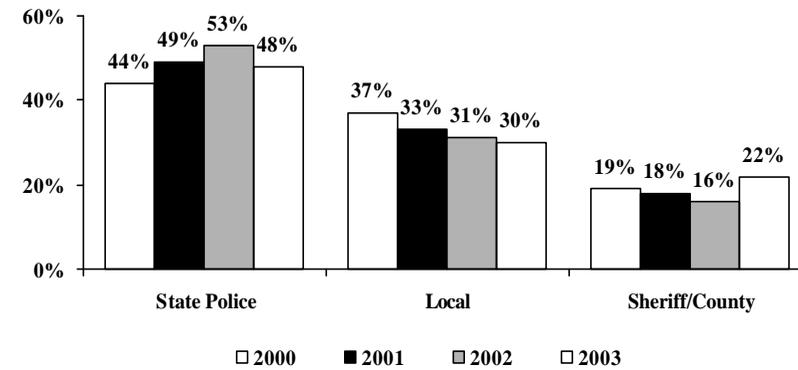
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



## SARATOGA 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
Saratoga Sheriff	alcohol	243	34.2	19.0	264	35.5	19.8	285	37.2	20.2	438	47.9	25.9
NCIC 04500	speed	3,458	58.7	21.5	2,786	58.7	22.4	3,409	57.5	23.0	2,867	68.9	20.7
	seatbelt	1,507	58.5	29.7	1,415	56.4	32.3	1,279	50.3	24.1	1,292	57.2	24.4
Saratoga Springs P.D.	alcohol	136	19.1	10.6	163	21.9	12.3	144	18.8	10.2	204	22.3	12.1
NCIC 04501	speed	1,179	20.0	7.3	1,026	21.6	8.3	1,082	18.2	7.3	594	14.3	4.3
	seatbelt	526	20.4	10.4	592	23.6	13.5	561	22.0	10.6	443	19.6	8.4
Ballston Spa P.D.	alcohol	49	6.9	3.8	31	4.2	2.3	50	6.5	3.5	45	4.9	2.7
NCIC 04520	speed	139	2.4	0.9	91	1.9	0.7	143	2.4	1.0	76	1.8	0.5
	seatbelt	33	1.3	0.7	18	0.7	0.4	152	6.0	2.9	45	2.0	0.8
Corinth Vill. P.D.	alcohol	52	7.3	4.1	39	5.2	2.9	42	5.5	3.0	68	7.4	4.0
NCIC 04521	speed	268	4.6	1.7	223	4.7	1.8	238	4.0	1.6	100	2.4	0.7
	seatbelt	113	4.4	2.2	91	3.6	2.1	66	2.6	1.2	129	5.7	2.4
Mechanicville P.D.	alcohol	36	5.1	2.8	48	6.5	3.6	49	6.4	3.5	27	3.0	1.6
NCIC 04523	speed	268	4.6	1.7	183	3.9	1.5	336	5.7	2.3	156	3.7	1.1
	seatbelt	141	5.5	2.8	130	5.2	3.0	132	5.2	2.5	154	6.8	2.9
South Glens Falls P.D.	alcohol	33	4.6	2.6	39	5.2	2.9	25	3.3	1.8	26	2.8	1.5
NCIC 04524	speed	56	1.0	0.3	39	0.8	0.3	40	0.7	0.3	49	1.2	0.4
	seatbelt	26	1.0	0.5	8	0.3	0.2	10	0.4	0.2	4	0.2	0.1
Charlton P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	1	0.1	0.1	0	0.0	0.0
NCIC 04551	speed	33	0.6	0.2	31	0.7	0.2	37	0.6	0.2	20	0.5	0.1
	seatbelt	1	<0.1	<0.1	1	<0.1	<0.1	0	0.0	0.0	1	<0.1	<0.1

## SARATOGA 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
Waterford P.D. NCIC 04568	alcohol	78	11.0	6.1	92	12.4	6.9	77	10.1	5.4	54	5.9	3.2
	speed	153	2.6	1.0	107	2.3	0.9	153	2.6	1.0	67	1.6	0.5
	seatbelt	108	4.2	2.1	109	4.3	2.5	231	9.1	4.4	116	5.1	2.2
Galway Vill. P.D. NCIC 04569	alcohol	1	0.1	0.1	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	2	<0.1	<0.1	8	0.2	0.1	37	0.6	0.2	14	0.3	0.1
	seatbelt	0	0.0	0.0	0	0.0	0.0	2	0.1	<0.1	0	0.0	0.0
Twn. of Stillwater P.D. NCIC 04570	alcohol	83	11.7	6.5	68	9.1	5.1	93	12.1	6.6	53	5.8	3.1
	speed	330	5.6	2.1	253	5.3	2.0	454	7.7	3.1	218	5.2	1.6
	seatbelt	119	4.6	2.3	143	5.7	3.3	112	4.4	2.1	73	3.2	1.4
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	711		55.5	744		55.9	766		54.2	915		54.1
	speed	5,886		36.6	4,747		38.2	5,929		40.0	4,161		30.0
	seatbelt	2,574		50.8	2,507		57.3	2,545		47.9	2,257		42.6
State Police	alcohol	566		44.2	571		42.9	630		44.6	755		44.6
	speed	10,017		62.2	7,506		60.4	8,683		58.5	9,387		67.7
	seatbelt	2,376		46.9	1,825		41.7	2,547		48.0	2,883		54.4
Other incl. Park Police	alcohol	3		0.2	15		1.1	17		1.2	22		1.3
	speed	193		1.2	176		1.4	225		1.5	309		2.2
	seatbelt	119		2.3	43		1.0	218		4.1	163		3.1
<b>County Totals</b>													
	alcohol	1,280			1,330			1,413			1,692		
	speed	16,096			12,429			14,837			13,857		
	seatbelt	5,069			4,375			5,310			5,303		

Source: NYSDMV