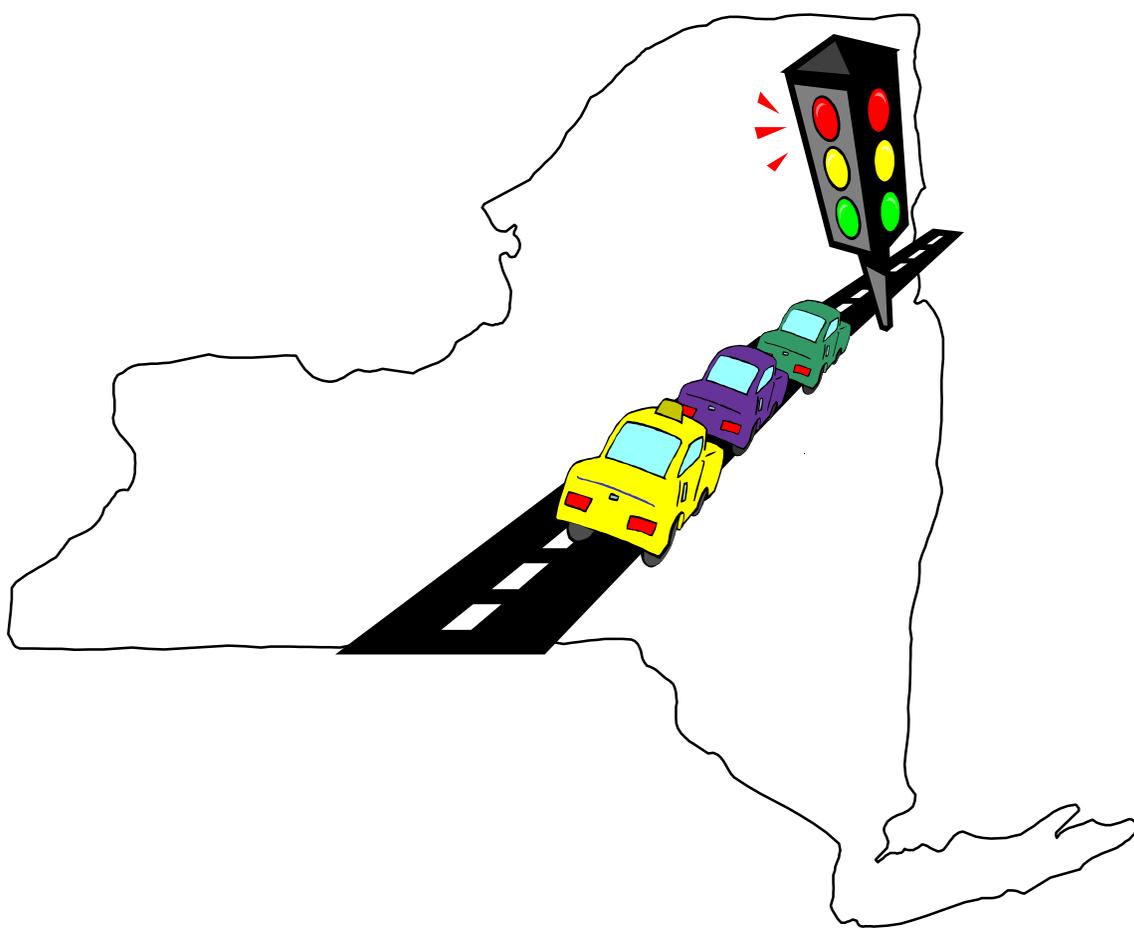


RENSSELAER COUNTY

TRAFFIC SAFETY DATA



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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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RENSSELAER COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	2,785		3,106		2,435 *		1,835 *	
Fatal	11	0.4	15	0.5	15	0.6	18	1.0
Personal Injury	1,191	42.8	1,249	40.2	1,061	43.6	1,149	62.6
Property Damage*	1,583	56.8	1,842	59.3	1,359 *	55.8	668 *	36.4
SELECTED CRASH TYPES (events)								
Pedestrian crashes	36	1.3	63	2.0	52	2.1	80	4.4
Bicycle crashes	47	1.7	30	1.0	25	1.0	25	1.4
Motorcycle crashes	33	1.2	51	1.6	56	2.3	48	2.6
TOTAL FATALITIES (persons)	13		15		16		18	
Drivers	6	46.2	8	53.3	13	81.3	15	83.3
Passengers	5	38.5	3	20.0	2	12.5	2	11.1
Pedestrians	1	7.7	2	13.3	1	6.3	1	5.6
Bicyclists	1	7.7	2	13.3	0	0.0	0	0.0
TOTAL INJURIES** (persons)	1,707		1,729		1,468		1,456	
Drivers	1,093	64.0	1,152	66.6	980	66.8	975	67.0
Passengers	529	31.0	483	27.9	411	28.0	374	25.7
Pedestrians	39	2.3	61	3.5	50	3.4	80	5.5
Bicyclists	45	2.6	27	1.6	27	1.8	25	1.7

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

RENSSELAER COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	183.90	203.62	159.59*	119.75*
Crash Rate per 10,000 Licensed Drivers	269.19	295.10	228.93*	170.56*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	117.47	118.46	99.16	102.84
Fatality & Injury Rate per 10,000 Licensed Drivers	171.96	171.68	142.24	146.49
MEAN SEVERITY OF INJURY (MSI)	1.369	1.391	1.388	1.403

* 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.

RENSELAER COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	2,523		2,811		2,275		1,229	
Alcohol involvement	124	4.9	121	4.3	91	4.0	78	6.3
Unsafe speed	291	11.5	294	10.5	207	9.1	154	12.5
Driver inattention/distraction**	443	17.6	517	18.4	394	17.3	216	17.6
Failure to yield right-of-way	378	15.0	442	15.7	343	15.1	227	18.5
Following too closely	265	10.5	276	9.8	224	9.8	132	10.7
Improper passing/lane usage	101	4.0	140	5.0	115	5.1	40	3.3
Traffic control disregarded	122	4.8	124	4.4	101	4.4	85	6.9
Unsafe lane changing	52	2.1	55	2.0	45	2.0	18	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.

RENSELAER COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	6,183	126	6,362	136	5,396	107	3,066	143
No restraint used	5.1	27.8	3.7	21.3	3.3	20.6	4.0	16.1
Restraint used	86.9	65.9	92.2	72.8	85.8	72.0	89.3	67.1
Restraint use unspecified	8.0	6.3	4.1	5.9	10.9	7.5	6.7	16.8

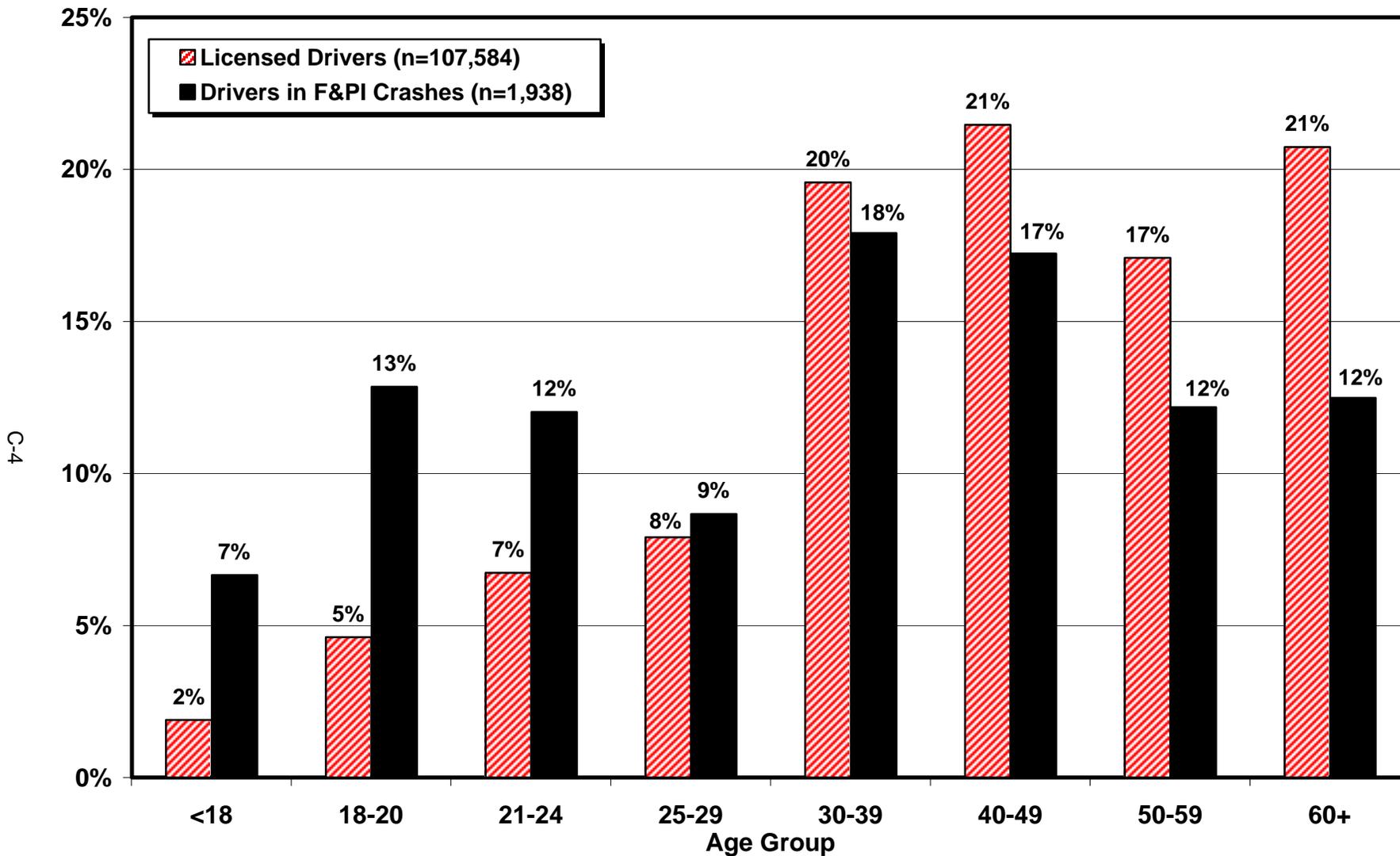
* Police-reported crashes only.

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.

Rensselaer County 2002

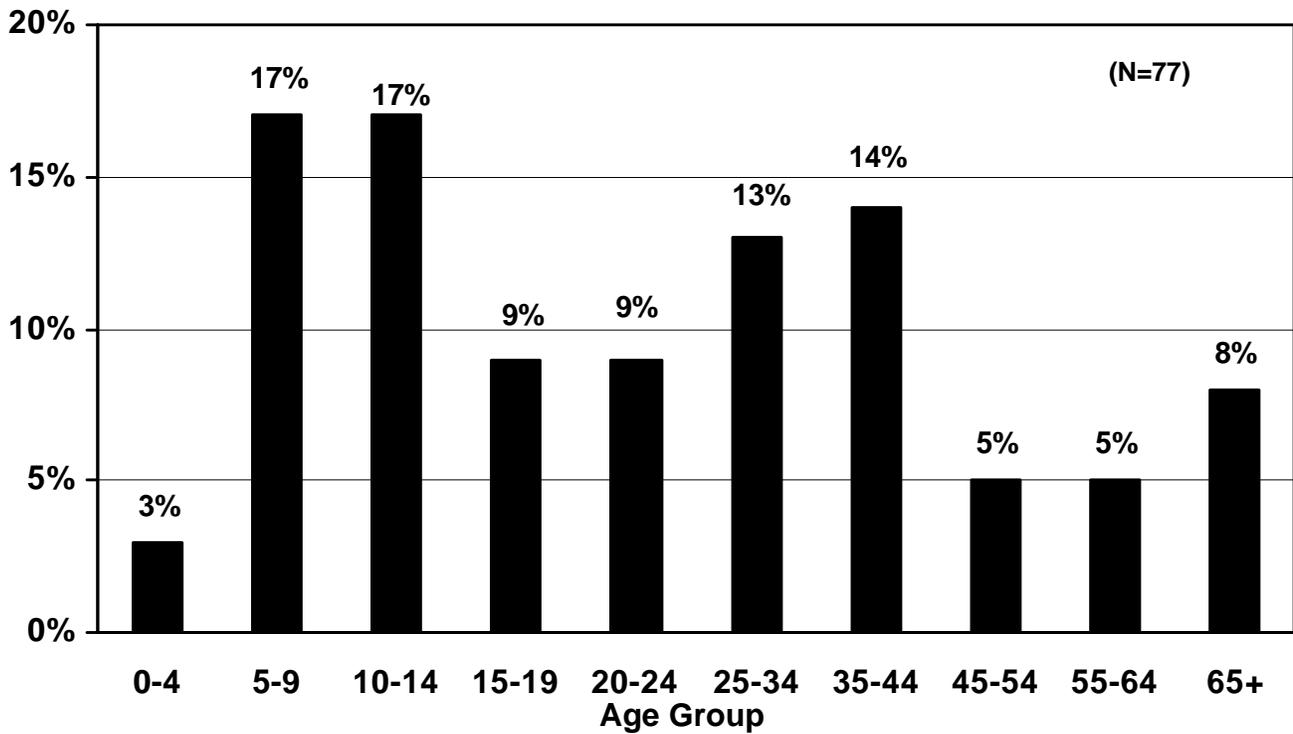
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

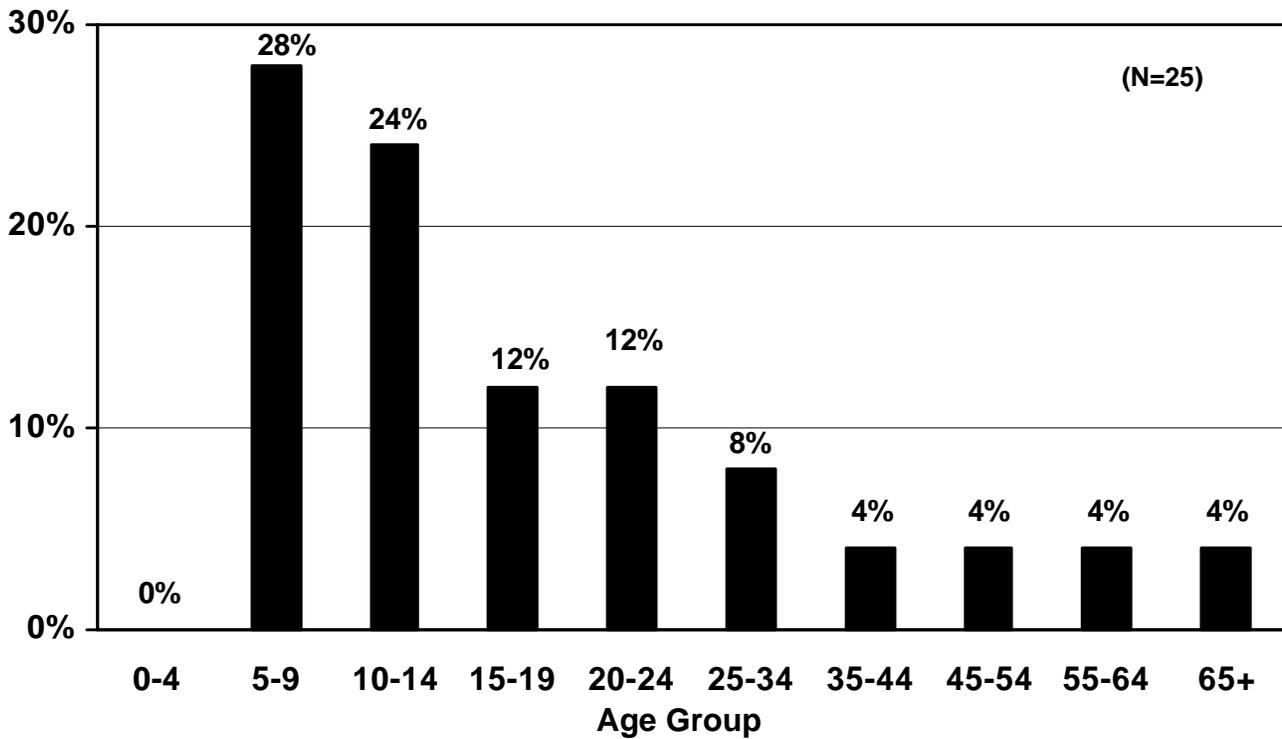
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

RENSSELAER COUNTY
ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	2,523	2,811	2,275	1,229
Alcohol-related crashes	125	125	95	83
% of total crashes	5.0	4.4	4.2	6.8
FATAL CRASHES (events)	11	15	15	18
Alcohol-related fatal crashes	3	3	3	2
% of fatal crashes	27.3	20.0	20.0	11.1
PERSONAL INJURY CRASHES (events)	1,147	1,198	1,034	1,065
Alcohol-related injury crashes	73	72	60	80
% of injury crashes	6.4	6.0	5.8	7.5
TOTAL FATALITIES (persons)	13	15	16	18
Alcohol-related fatalities	5	3	3	2
% of total fatalities	38.5	20.0	18.8	11.1
TOTAL INJURIES (persons)	1,707	1,729	1,468	1,456
Alcohol-related injuries	108	112	92	114
% of total injuries	6.3	6.5	6.3	7.8

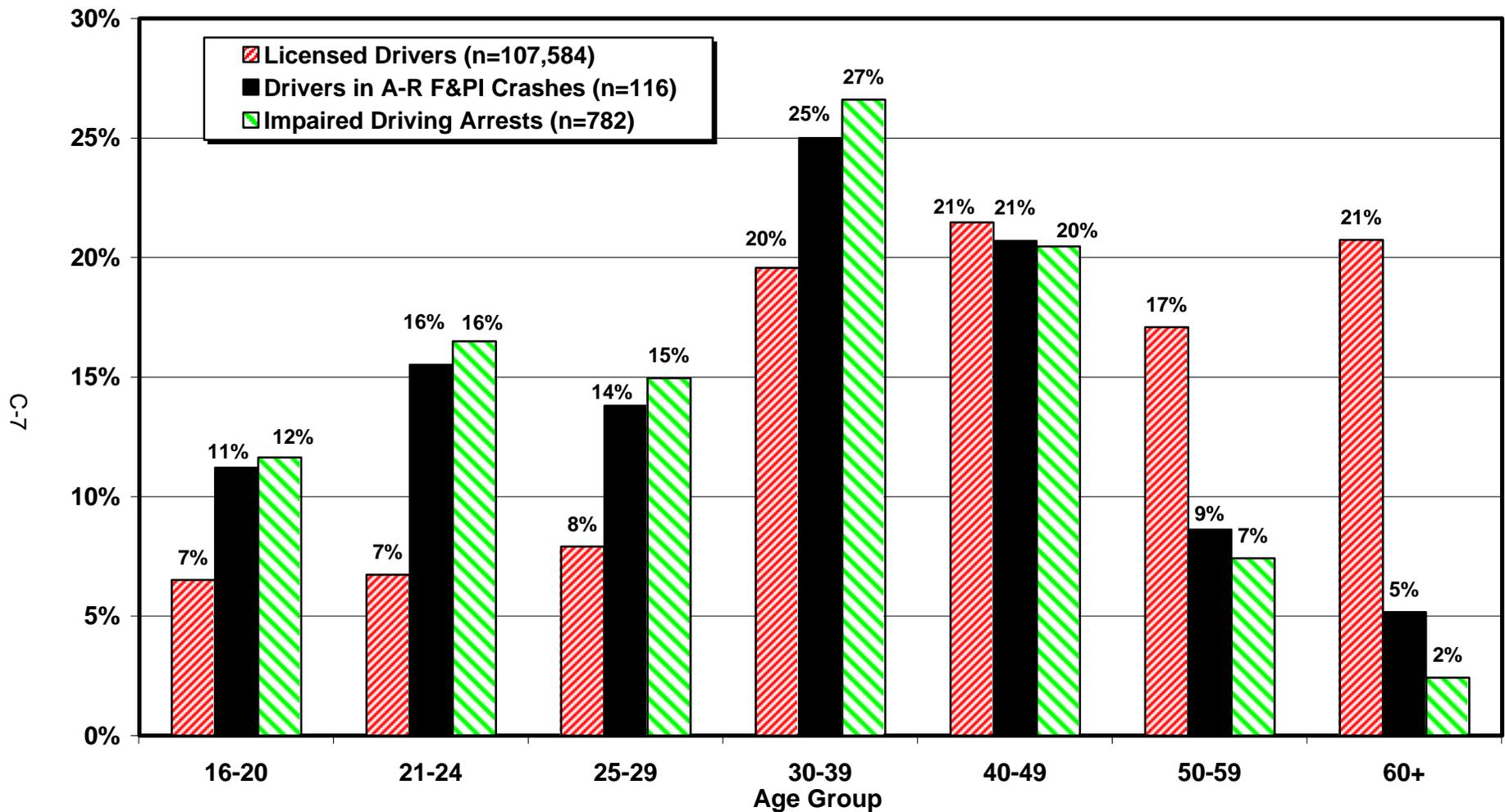
* Police-reported crashes only.

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.

Rensselaer 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.

RENSSELAER COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	10,003	10,785	13,148	13,073
% of total tickets	32.0	35.2	34.3	36.2
% convicted on same charge	47.3	38.0	32.5	29.9
SAFETY RESTRAINTS (V&T 1229c)	5,068	4,061	6,710	4,720
% of total tickets	16.2	13.3	17.5	13.1
% convicted on same charge	78.9	72.7	70.1	61.9
IMPAIRED DRIVING (V&T 1192)	1,374	1,284	1,167	996
% of total tickets	4.4	4.2	3.0	2.8
PERSONS ARRESTED*	902	817	784	630
% arrested as result of patrol activity**	88.5	89.1	86.0	87.0
% arrested as result of crash	10.0	9.6	12.6	12.1
% arrested as result of <i>other means</i> ***	1.5	1.4	1.4	1.0
TOTAL TICKETS FOR ALL V&T VIOLATIONS	31,282	30,626	38,339	36,151

* 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.

RENSSELAER COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=902)	(N=820)	(N=784)	(N=630)
Case adjudicated	91.8%	84.6%	90.9%	83.2%
Case pending	8.2%	15.4%	9.1%	16.8%
Disposition of Adjudicated Cases*	(N=828)	(N=694)	(N=713)	(N=524)
Convicted on Alcohol Charge	89.5%	90.4%	92.8%	94.6%
Convicted on original alcohol charge	30.8%	25.9%	30.6%	24.4%
Convicted on reduced alcohol charge	52.9%	58.0%	53.4%	61.6%
Convicted on other alcohol charge	5.8%	6.5%	8.8%	8.6%
Convicted on Non-Alcohol Charge	5.7%	4.8%	3.5%	3.1%
Dismissed/Acquitted/Convicted on charge associated with different event	4.8%	4.8%	3.7%	2.3%
* 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.

RENSSELAER COUNTY

DWI/AI Probation Data

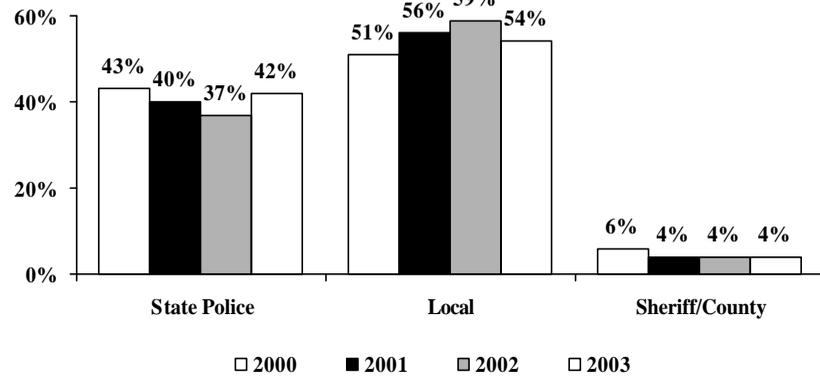
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	102	88	97	67
Number of Persons on Probation*	534	555	568	268

* 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.

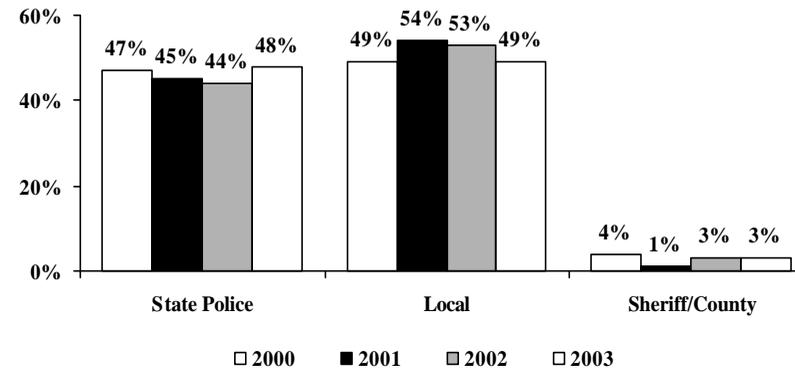
Source: NYS Division of Probation and Correctional Alternatives.

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

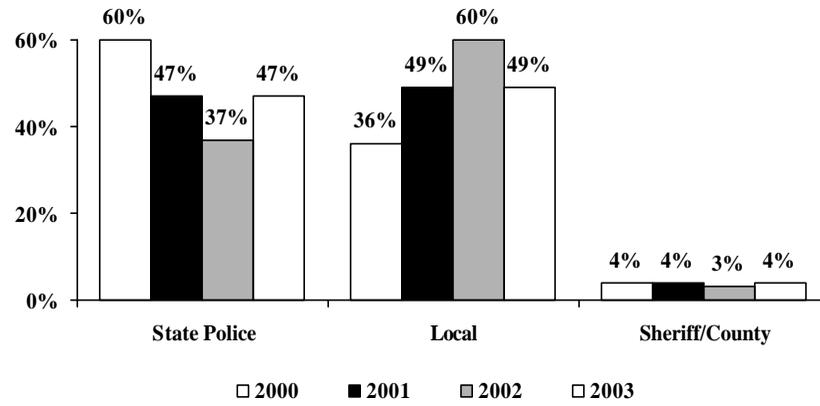
All Tickets



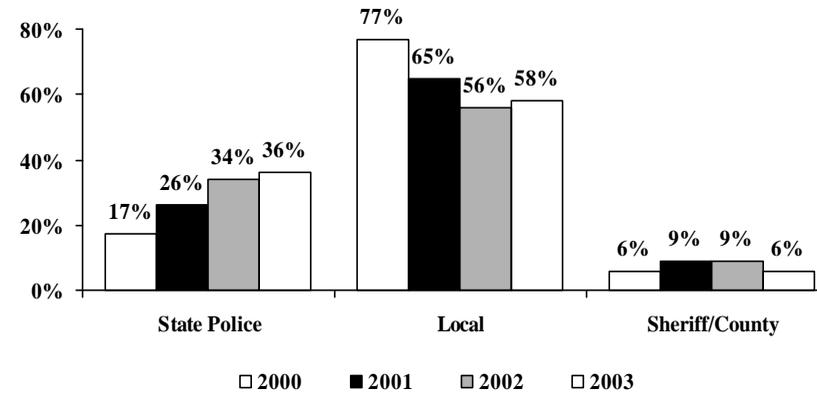
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



RENSSELAER 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
Rensselaer Sheriff	alcohol	81	7.0	5.8	131	12.3	10.2	126	14.1	10.8	65	9.1	6.5
NCIC 04100	speed	440	10.6	4.3	462	8.2	4.3	353	4.3	2.7	525	7.7	4.0
	seatbelt	233	8.5	4.6	29	1.3	0.7	230	6.2	3.4	143	5.8	3.0
Renss. City P.D.	alcohol	75	6.5	5.4	96	9.0	7.5	117	13.1	10.0	116	16.2	11.6
NCIC 04101	speed	263	6.3	2.6	324	5.8	3.0	299	3.7	2.3	212	3.1	1.6
	seatbelt	471	17.2	9.2	178	8.0	4.4	231	6.2	3.4	41	1.7	0.9
Troy P.D.	alcohol	519	45.2	37.4	358	33.6	27.9	292	32.6	25.0	199	27.7	20.0
NCIC 04102	speed	1,520	36.6	14.9	1,723	30.7	16.0	5,111	62.6	38.9	3,831	56.4	29.3
	seatbelt	1,545	56.3	30.2	1,119	50.0	27.6	2,022	54.2	30.1	1,286	52.6	27.2
Hoosick Falls P.D.	alcohol	93	8.1	6.7	74	7.0	5.8	64	7.1	5.5	41	5.7	4.1
NCIC 04120	speed	93	2.2	0.9	65	1.2	0.6	147	1.8	1.1	101	1.5	0.8
	seatbelt	59	2.1	1.2	110	4.9	2.7	121	3.2	1.8	85	3.5	1.8
Nasau Vill. P.D.	alcohol	88	7.7	6.3	53	5.0	4.1	48	5.4	4.1	58	8.1	5.8
NCIC 04121	speed	300	7.2	2.9	223	4.0	2.1	247	3.0	1.9	346	5.1	2.6
	seatbelt	66	2.4	1.3	89	4.0	2.2	103	2.8	1.5	213	8.7	4.5
E. Greenbush P.D.	alcohol	82	7.1	5.9	105	9.9	8.2	92	10.3	7.9	77	10.7	7.7
NCIC 04152	speed	711	17.1	7.0	1,259	22.4	11.7	810	9.9	6.2	620	9.1	4.7
	seatbelt	143	5.2	2.8	164	7.3	4.0	238	6.4	3.5	106	4.3	2.2
N. Greenbush P.D.	alcohol	105	9.1	7.6	171	16.1	13.3	99	11.0	8.5	97	13.5	9.7
NCIC 04153	speed	573	13.8	5.6	516	9.2	4.8	591	7.2	4.5	491	7.2	3.8
	seatbelt	124	4.5	2.4	207	9.3	5.1	446	12.0	6.6	386	15.8	8.2
Schodack P.D.	alcohol	106	9.2	7.6	76	7.1	5.9	58	6.5	5.0	65	9.1	6.5
NCIC 04154	speed	258	6.2	2.5	1,041	18.5	9.7	607	7.4	4.6	661	9.7	5.1
	seatbelt	105	3.8	2.1	340	15.2	8.4	337	9.0	5.0	185	7.6	3.9

RENSSELAER 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			
Totals by Agency Type													
Sheriff and Local	alcohol	1,149		82.9	1,064		83.1	896		76.8	718		72.1
	speed	4,158		40.8	5,613		52.1	8,165		62.1	6,787		51.9
	seatbelt	2,746		53.7	2,236		55.2	3,728		55.6	2,445		51.8
State Police	alcohol	237		17.1	215		16.8	269		23.1	278		27.9
	speed	6,032		59.2	5,074		47.1	4,890		37.2	6,202		47.4
	seatbelt	2,366		46.3	1,813		44.7	2,955		44.0	2,269		48.1
Other incl. Park Police	alcohol	0		0.0	2		0.2	2		0.2	0		0.0
	speed	5		<0.1	89		0.8	91		0.7	84		0.6
	seatbelt	1		<0.1	4		0.1	26		0.4	6		0.1
County Totals													
	alcohol	1,386			1,281			1,167			996		
	speed	10,195			10,776			13,146			13,073		
	seatbelt	5,113			4,053			6,709			4,720		

Source: NYS DMV