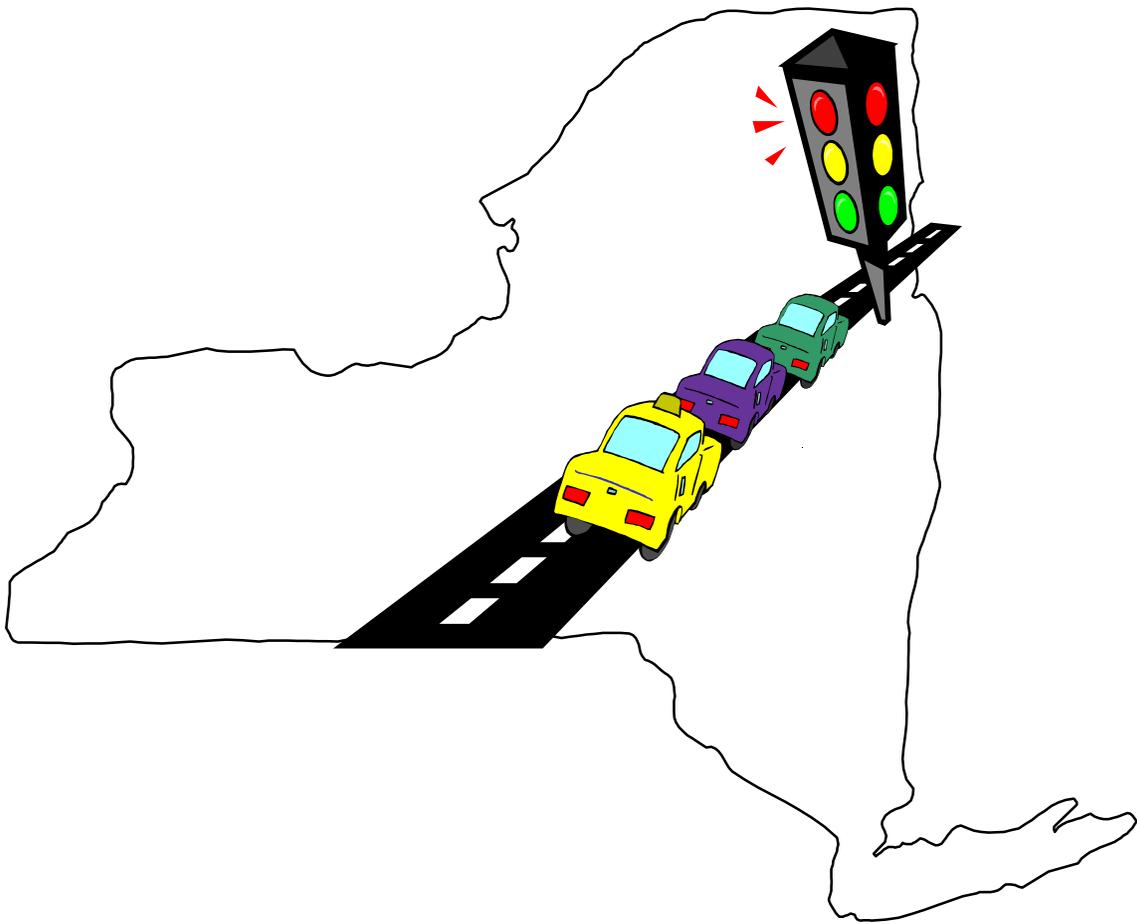


CHAUTAUQUA COUNTY

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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CHAUTAUGUA COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	2,858		3,444		2,587 *		1,617 *	
Fatal	10	0.3	18	0.5	13	0.5	12	0.7
Personal Injury	1,059	37.1	1,091	31.7	1,017	39.3	1,076	66.5
Property Damage*	1,789	62.6	2,335	67.8	1,557 *	60.2	529 *	32.7
SELECTED CRASH TYPES (events)								
Pedestrian crashes	65	2.3	49	1.4	51	2.0	64	4.0
Bicycle crashes	43	1.5	46	1.3	39	1.5	32	2.0
Motorcycle crashes	33	1.2	37	1.1	53	2.0	36	2.2
TOTAL FATALITIES (persons)	12		18		15		14	
Drivers	7	58.3	14	77.8	9	60.0	10	71.4
Passengers	5	41.7	3	16.7	5	33.3	4	28.6
Pedestrians	0	0.0	1	5.6	1	6.7	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	1,522		1,599		1,389		1,414	
Drivers	905	59.5	997	62.4	855	61.6	923	65.3
Passengers	505	33.2	507	31.7	446	32.1	403	28.5
Pedestrians	65	4.3	47	2.9	48	3.5	56	4.0
Bicyclists	44	2.9	47	2.9	38	2.7	30	2.1

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

CHAUTAUQUA COUNTY

CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	207.96	246.44	186.57*	116.92*
Crash Rate per 10,000 Licensed Drivers	301.44	358.35	268.16*	169.04*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	113.00	117.50	102.98	108.10
Fatality & Injury Rate per 10,000 Licensed Drivers	163.80	160.13	148.02	156.28
MEAN SEVERITY OF INJURY (MSI)	1.454	1.422	1.469	1.447

* 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.

CHAUTAUQUA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	2,628		3,160		2,429		1,183	
Alcohol involvement	150	5.7	191	6.0	139	5.7	99	8.4
Unsafe speed	219	8.3	273	8.6	225	9.3	189	16.0
Driver inattention/distraction**	470	17.9	546	17.3	393	16.2	209	17.7
Failure to yield right-of-way	361	13.7	465	14.7	407	16.8	225	19.0
Following too closely	289	11.0	298	9.4	185	7.6	151	12.8
Improper passing/lane usage	88	3.3	124	3.9	79	3.3	29	2.5
Traffic control disregarded	106	4.0	113	3.6	86	3.5	58	4.9
Unsafe lane changing	84	3.2	119	3.8	88	3.6	34	2.9

* 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.

CHAUTAUQUA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	6,208	144	7,148	135	5,663	121	2,858	137
No restraint used	5.8	28.5	6.3	23.7	4.9	25.6	5.6	16.1
Restraint used	86.0	68.8	90.6	66.7	85.2	68.6	88.6	69.3
Restraint use unspecified	8.3	2.8	3.1	9.6	9.9	5.8	5.8	14.6

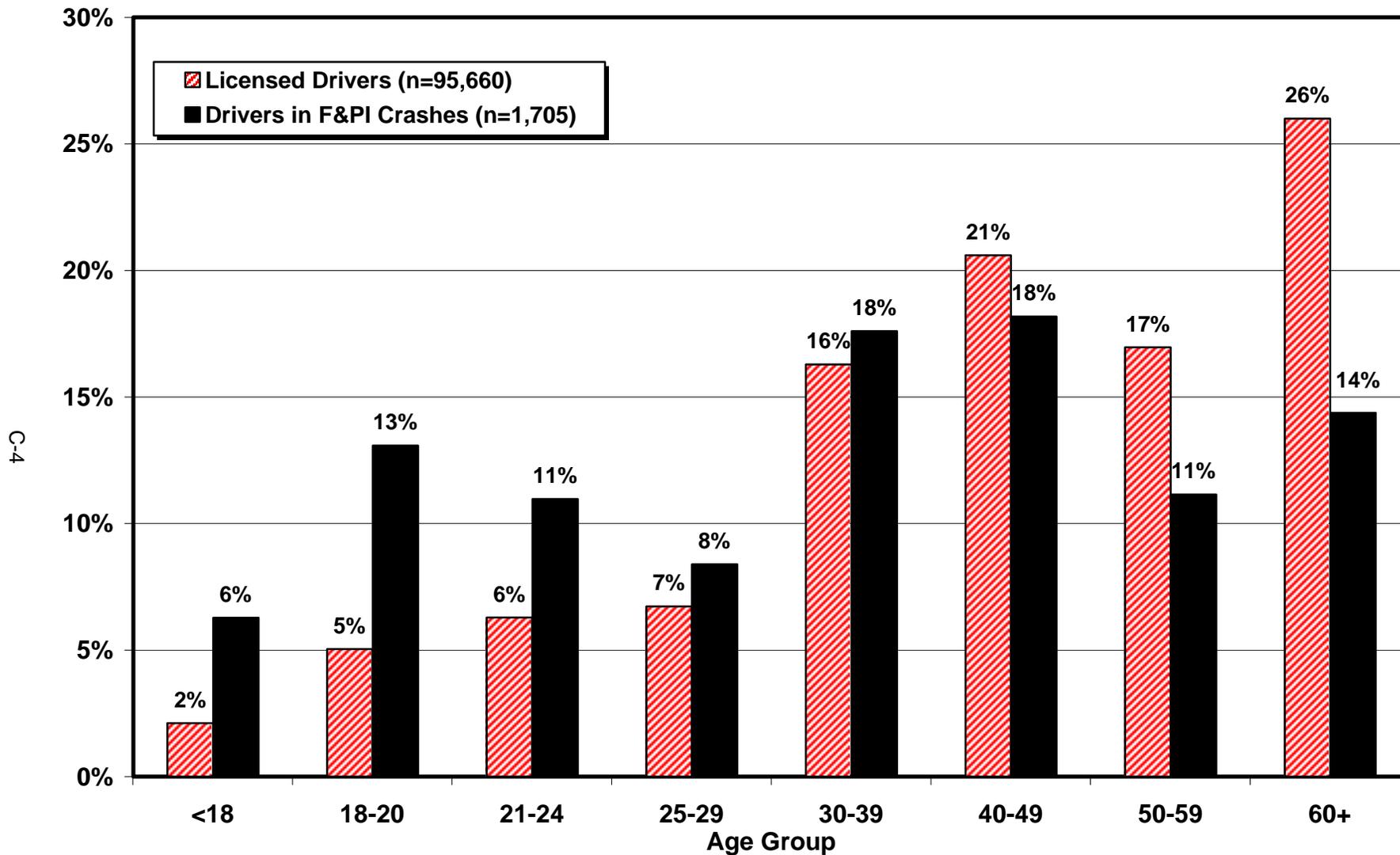
* Police-reported crashes only.

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.

Chautauqua County 2002

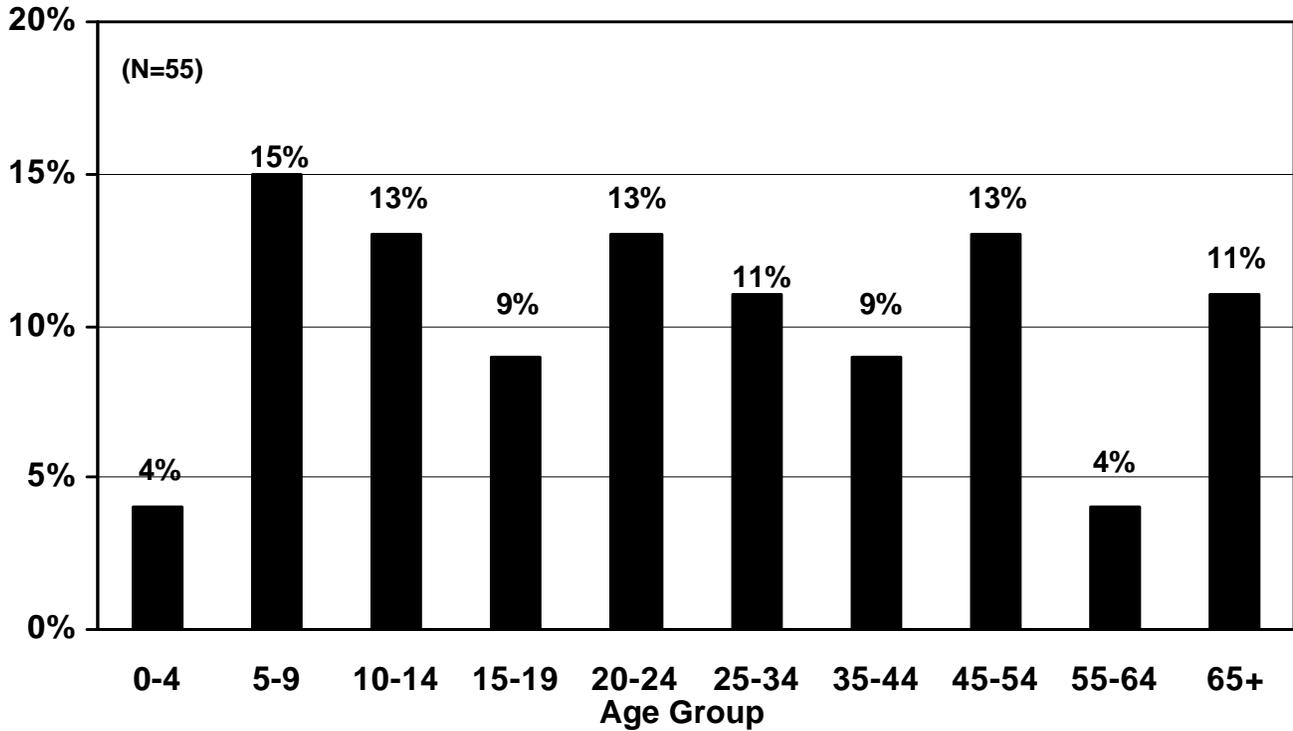
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

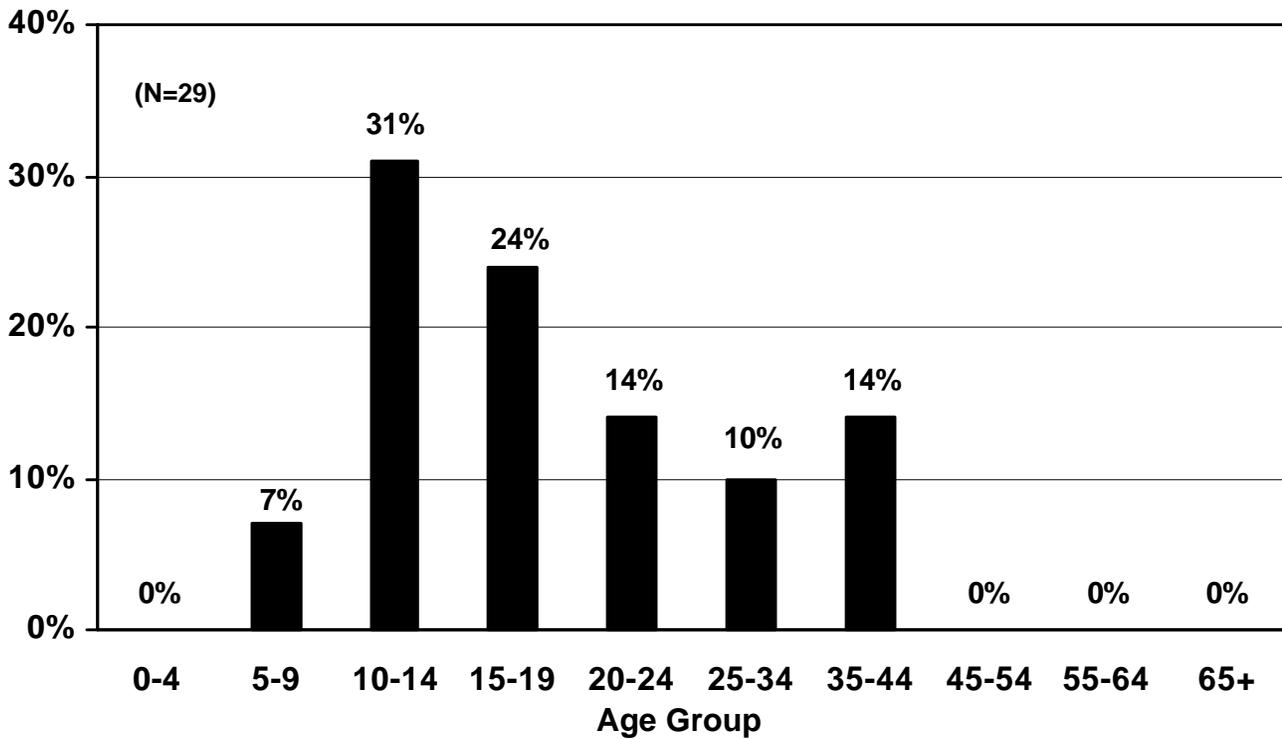
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

CHAUTAUQUA COUNTY
ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	2,628	3,160	2,429	1,183
Alcohol-related crashes	151	186	142	101
% of total crashes	5.7	5.9	5.8	8.5
FATAL CRASHES (events)	10	18	13	12
Alcohol-related fatal crashes	2	6	5	5
% of fatal crashes	20.0	33.3	38.5	41.7
PERSONAL INJURY CRASHES (events)	1,043	1,072	993	1,021
Alcohol-related injury crashes	83	94	85	90
% of injury crashes	8.0	8.8	8.6	8.8
TOTAL FATALITIES (persons)	12	18	15	14
Alcohol-related fatalities	2	6	7	6
% of total fatalities	16.7	33.3	46.7	42.9
TOTAL INJURIES (persons)	1,522	1,599	1,389	1,414
Alcohol-related injuries	120	135	119	108
% of total injuries	7.9	8.4	8.6	7.6

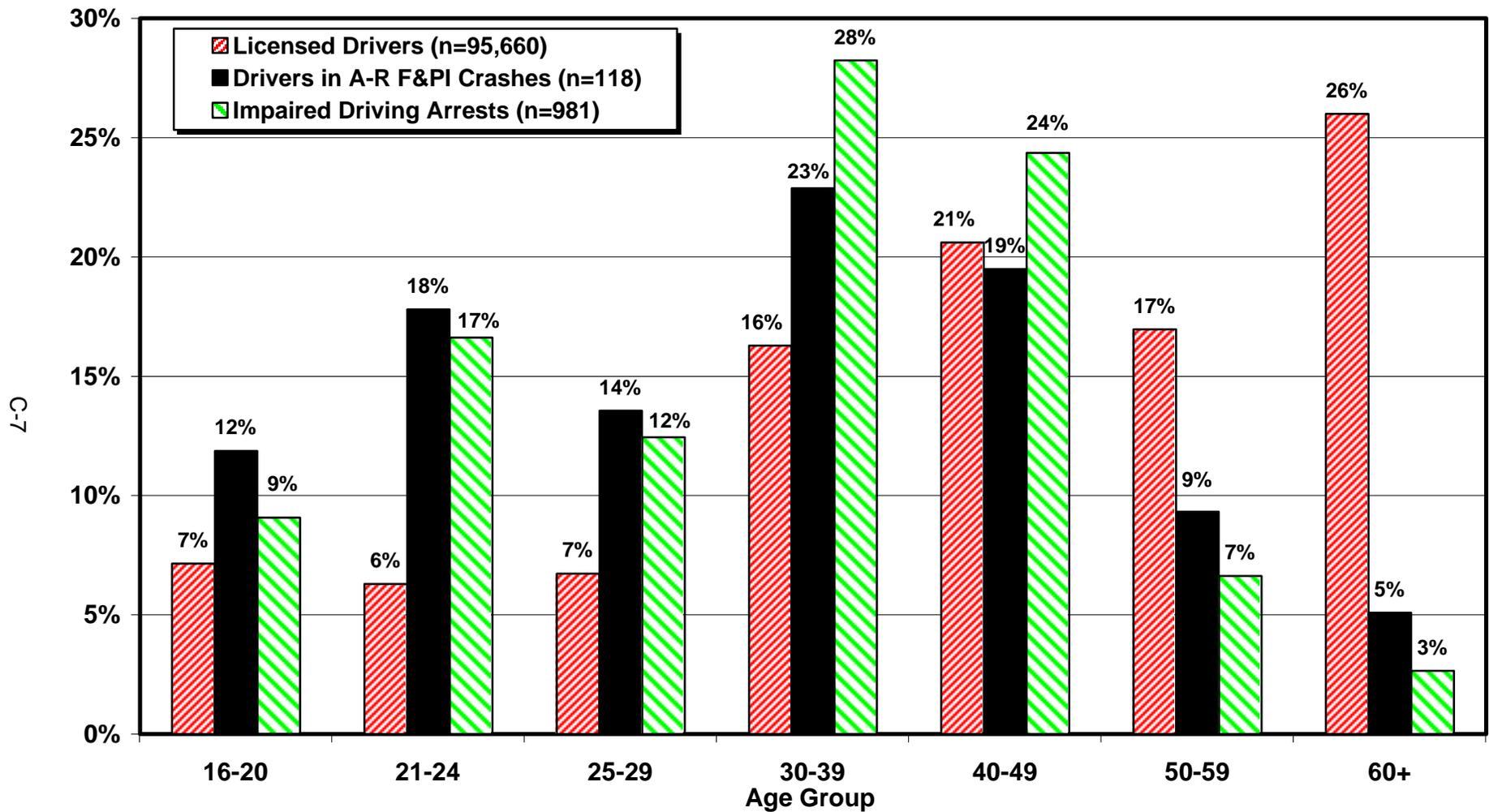
* Police-reported crashes only.

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.

Chautauqua 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.

CHAUTAUQUA COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	17,548	16,452	18,449	17,390
% of total tickets	42.6	40.6	39.9	41.1
% convicted on same charge	54.2	51.9	51.4	48.9
SAFETY RESTRAINTS (V&T 1229c)	4,558	3,165	4,583	3,788
% of total tickets	11.1	7.8	9.9	9.0
% convicted on same charge	78.0	75.5	77.3	68.9
IMPAIRED DRIVING (V&T 1192)	1,556	1,571	1,639	1,455
% of total tickets	3.8	3.9	3.5	3.4
PERSONS ARRESTED*	984	967	984	868
% arrested as result of patrol activity**	89.6	88.5	86.2	86.4
% arrested as result of crash	10.2	10.9	13.0	12.6
% arrested as result of <i>other means</i> ***	0.2	0.6	0.8	1.0
TOTAL TICKETS FOR ALL V&T VIOLATIONS	41,191	40,484	46,220	42,269

* 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.

CHAUTAUQUA COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=984)	(N=967)	(N=984)	(N=868)
Case adjudicated	91.6%	71.3%	90.0%	73.2%
Case pending	8.4%	28.7%	10.0%	26.8%
Disposition of Adjudicated Cases*	(N=901)	(N=689)	(N=886)	(N=635)
<i>Convicted on Alcohol Charge</i>	92.8%	96.6%	94.0%	98.0%
Convicted on original alcohol charge	46.3%	49.2%	43.3%	40.2%
Convicted on reduced alcohol charge	41.8%	43.0%	46.7%	52.8%
Convicted on other alcohol charge	4.7%	4.4%	4.0%	5.0%
<i>Convicted on Non-Alcohol Charge</i>	0.9%	0.6%	0.8%	0.3%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	6.3%	2.8%	5.2%	1.7%
* 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.

CHAUTAUQUA COUNTY

DWI/AI Probation Data

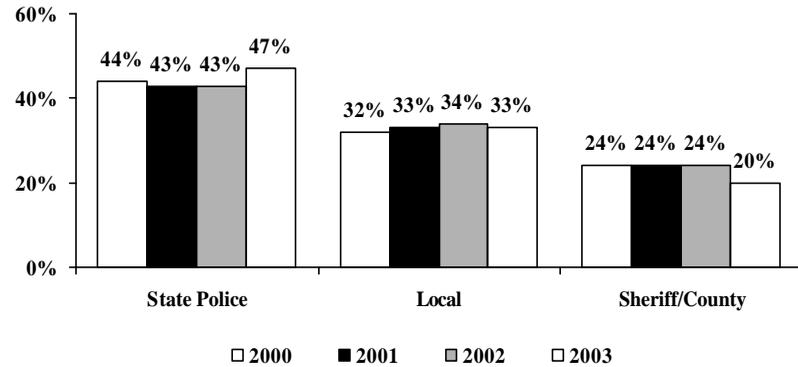
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	148	119	113	200
Number of Persons on Probation*	368	353	325	277

* 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.

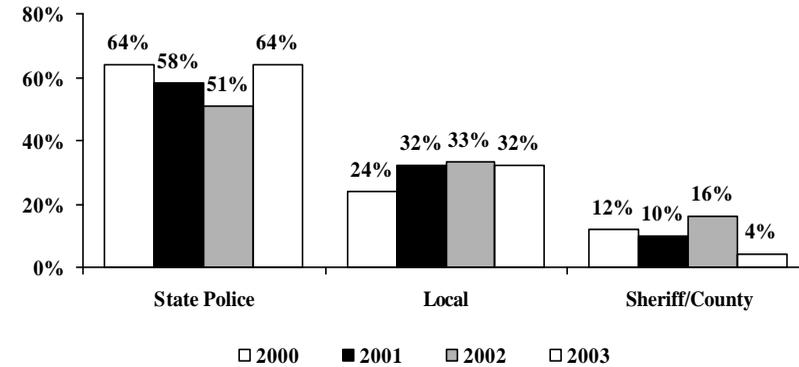
Source: NYS Division of Probation and Correctional Alternatives.

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

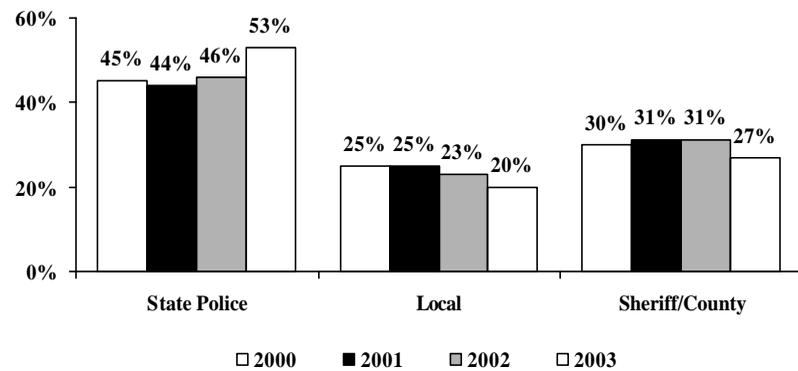
All Tickets



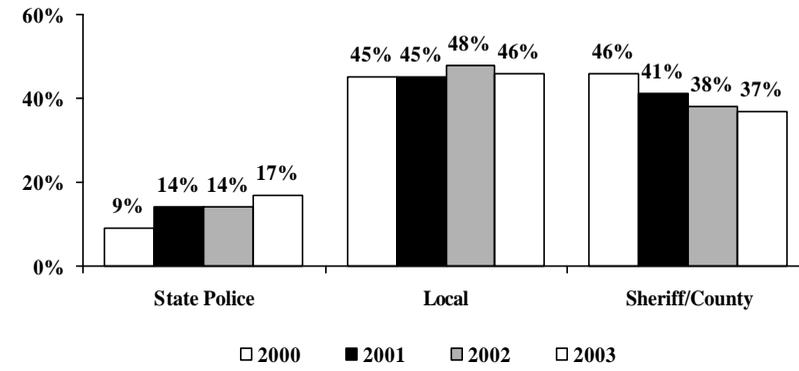
Seat Belt Tickets



Speed Tickets



**Persons Ticketed for
Impaired Driving**



CHAUTAUQUA 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
Chautauqua Sheriff NCIC 00600	alcohol	722	50.5	46.0	699	48.8	44.5	695	46.4	42.4	582	46.2	40.0
	speed	5,230	54.5	29.7	5,091	55.7	31.0	5,635	57.2	30.5	4,657	57.9	26.8
	seatbelt	538	33.4	11.8	303	23.1	9.6	722	32.6	15.8	146	10.7	3.9
Dunkirk P.D. NCIC 00601	alcohol	56	3.9	3.6	45	3.1	2.9	57	3.8	3.5	44	3.5	3.0
	speed	184	1.9	1.0	278	3.0	1.7	289	2.9	1.6	269	3.3	1.5
	seatbelt	309	19.2	6.8	135	10.3	4.3	267	12.0	5.8	256	18.8	6.8
Jamestown P.D. NCIC 00602	alcohol	422	29.5	26.9	299	20.9	19.0	327	21.8	20.0	328	26.0	22.5
	speed	1,043	10.9	5.9	851	9.3	5.2	706	7.2	3.8	631	7.8	3.6
	seatbelt	507	31.5	11.1	511	38.9	16.2	378	17.1	8.2	415	30.4	11.0
Lakewood-Busti P.D. NCIC 00620	alcohol	71	5.0	4.5	132	9.2	8.4	116	7.7	7.1	81	6.4	5.6
	speed	1,362	14.2	7.7	1,361	14.9	8.3	1,189	12.1	6.4	810	10.1	4.7
	seatbelt	92	5.7	2.0	181	13.8	5.7	407	18.4	8.9	228	16.7	6.0
Vill. of Silver Creek P.D. NCIC 00627	alcohol	20	1.4	1.3	42	2.9	2.7	21	1.4	1.3	25	2.0	1.7
	speed	186	1.9	1.1	180	2.0	1.1	197	2.0	1.1	194	2.4	1.1
	seatbelt	11	0.7	0.2	51	3.9	1.6	33	1.5	0.7	7	0.5	0.2
Fredonia P.D. NCIC 00629	alcohol	40	2.8	2.6	84	5.9	5.4	100	6.7	6.1	69	5.5	4.7
	speed	252	2.6	1.4	331	3.6	2.0	326	3.3	1.8	315	3.9	1.8
	seatbelt	73	4.5	1.6	39	3.0	1.2	91	4.1	2.0	122	8.9	3.2
Westfield Vill. P.D. NCIC 00632	alcohol	30	2.1	1.9	43	3.0	2.7	67	4.5	4.1	34	2.7	2.3
	speed	351	3.7	2.0	263	2.9	1.6	432	4.4	2.3	295	3.7	1.7
	seatbelt	41	2.5	0.9	33	2.5	1.0	42	1.9	0.9	13	1.0	0.3
Town of Carroll P.D. NCIC 00652	alcohol	22	1.5	1.4	13	0.9	0.8	15	1.0	0.9	12	1.0	0.8
	speed	142	1.5	0.8	159	1.7	1.0	110	1.1	0.6	106	1.3	0.6
	seatbelt	15	0.9	0.3	7	0.5	0.2	12	0.5	0.3	10	0.7	0.3

CHAUTAUQUA 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
Town of Ellicott P.D.	alcohol	46	3.2	2.9	74	5.2	4.7	95	6.3	5.8	86	6.8	5.9
NCIC 00659	speed	683	7.1	3.9	575	6.3	3.5	896	9.1	4.9	761	9.5	4.4
	seatbelt	22	1.4	0.5	52	4.0	1.6	262	11.8	5.7	168	12.3	4.4
Sheridan Town P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
NCIC 00671	speed	23	0.2	0.1	11	0.1	0.1	1	<0.1	<0.1	3	<0.1	<0.1
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Town of Dunkirk P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
NCIC 00674	speed	0	0.0	0.0	1	<0.1	<0.1	1	<0.1	<0.1	3	<0.1	<0.1
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
North Harmony P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	5	0.3	0.3	0	0.0	0.0
NCIC 00675	speed	136	1.4	0.8	45	0.5	0.3	69	0.7	0.4	0	0.0	0.0
	seatbelt	2	0.1	<0.1	2	0.2	0.1	3	0.1	0.1	0	0.0	0.0
Totals by Agency Type													
Sheriff and Local	alcohol	1,429		91.1	1,431		91.1	1,498		91.4	1,261		86.7
	speed	9,592		54.5	9,146		55.6	9,851		53.4	8,044		46.3
	seatbelt	1,610		35.3	1,314		41.5	2,217		48.4	1,365		36.0
State Police	alcohol	133		8.5	138		8.8	136		8.3	182		12.5
	speed	7,962		45.2	7,239		44.0	8,542		46.3	9,257		53.2
	seatbelt	2,937		64.3	1,847		58.4	2,356		51.4	2,412		63.7
Other	alcohol	6		0.4	1		0.1	5		0.3	12		0.8
incl. SUNY	speed	44		0.3	62		0.4	56		0.3	89		0.5
	seatbelt	19		0.4	2		0.1	10		0.2	11		0.3
County Totals													
	alcohol	1,568			1,570			1,639			1,455		
	speed	17,598			16,447			18,449			17,390		
	seatbelt	4,566			3,163			4,583			3,788		

Source: NYS DMV