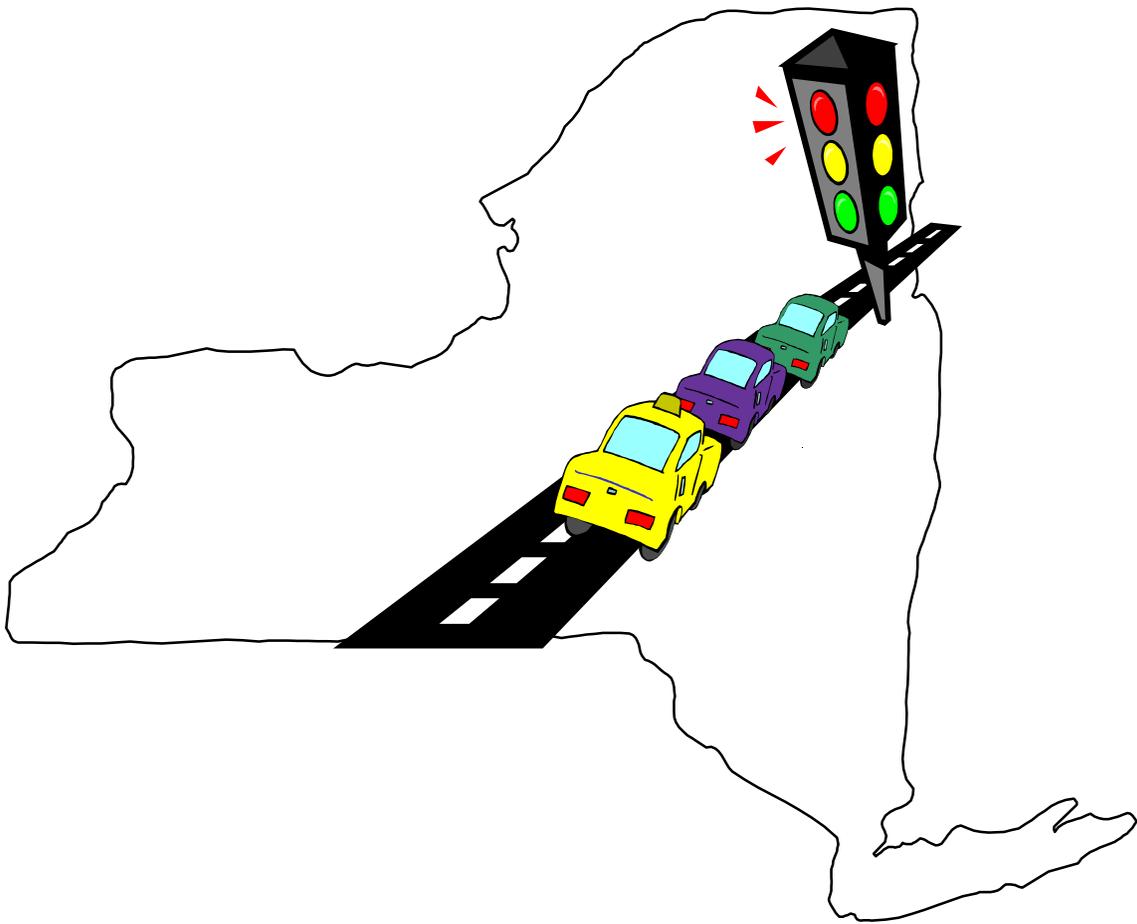


CHAUTAUQUA COUNTY

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 1999-2002. Since 2001 is the most recent year for which crash data are available, the crash data provided cover the years 1998-2001. 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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TABLE OF CONTENTS

COUNTY DATA

	Page
Crash Data (Crashes, Fatalities & Injuries): 1998-2001	C-1
Crash and Fatality & Injury Rates: 1998-2001	C-2
Selected Contributing Factors in Crashes: 1998-2001	C-3
Reported Safety Restraint Use in Crashes: 1998-2001	C-3
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group: 2001	C-4
Pedestrians Killed or Injured by Age Group: 2001	C-5
Bicyclists Killed or Injured by Age Group: 2001	C-5
Alcohol-Related Crash Data: 1998-2001	C-6
Licensed Drivers, Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group: 2001	C-7
TSLE&D Tickets Issued and Conviction Rates for Selected V&T Violations: 1999-2002	C-8
Adjudication Status of Impaired Driving Cases & Conviction Rates TSLE&D Agencies: 1999-2002.....	C-9
DWI/AI Probation Data: 1999-2002	C-9
V&T Tickets Issued by TSLE&D Agencies by Agency Type: 1999-2002	C-10
TSLE&D Tickets Issued for Selected Violations by Enforcement Agency: 1999-2002	C-11

CHAUTAUGUA COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	2,557 *		2,858 *		3,444 *		2,587 *	
Fatal	15	0.6	10	0.3	18	0.5	13	0.5
Personal Injury	1,074	42.0	1,059	37.1	1,091	31.7	1,017	39.3
Property Damage*	1,468 *	57.4	1,789 *	62.6	2,335 *	67.8	1,557 *	60.2
SELECTED CRASH TYPES (events)								
Pedestrian crashes	63	2.5	65	2.3	49	1.4	51	2.0
Bicycle crashes	41	1.6	43	1.5	46	1.3	39	1.5
Motorcycle crashes	41	1.6	33	1.2	37	1.1	53	2.0
TOTAL FATALITIES (persons)	17		12		18		15	
Drivers	9	52.9	7	58.3	14	77.8	9	60.0
Passengers	5	29.4	5	41.7	3	16.7	5	33.3
Pedestrians	3	17.6	0	0.0	1	5.6	1	6.7
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	1,475		1,522		1,599		1,389	
Drivers	921	62.4	905	59.5	997	62.4	855	61.6
Passengers	451	30.6	505	33.2	507	31.7	446	32.1
Pedestrians	57	3.9	65	4.3	47	2.9	48	3.5
Bicyclists	42	2.8	44	2.9	47	2.9	38	2.7

* Prior to October 1997, by law the DMV could not record property damage crashes on its file unless at least one motorist involved in the crash submitted a report, even if a police accident report was filed. The most direct impact of this change in criteria was a large increase 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: 1998-2000 NYSDMV county MV-144A, Table 1, and special county MV-144A on motorcycle crashes, Table 1.
2001 NYSDMV AIS Data Base.

CHAUTAUQUA COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	185.15	207.96	246.44	186.57
Crash Rate per 10,000 Licensed Drivers	268.50	301.44	358.35	268.16
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	111.44	113.00	117.50	102.98
Fatality & Injury Rate per 10,000 Licensed Drivers	161.61	163.80	160.13	148.02
MEAN SEVERITY OF INJURY (MSI)	1.489	1.454	1.422	1.469

Source: NYSDMV county 144As, Table 1, Table 2, and Table 19.
 NYSDMV driver's license file.
 U.S. Census Bureau Redistricting Data.

CHAUTAUQUA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	2,345		2,628		3,160		2,429	
Alcohol involvement	151	6.4	150	5.7	191	6.0	139	5.7
Unsafe speed	206	8.8	219	8.3	273	8.6	225	9.3
Driver inattention/distraction**	362	15.4	470	17.9	546	17.3	393	16.2
Failure to yield right-of-way	386	16.5	361	13.7	465	14.7	407	16.8
Following too closely	210	9.0	289	11.0	298	9.4	185	7.6
Improper passing/lane usage	91	3.9	88	3.3	124	3.9	79	3.3
Traffic control disregarded	82	3.5	106	4.0	113	3.6	86	3.5
Unsafe lane changing	75	3.2	84	3.2	119	3.8	88	3.6

* 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: 1998-2000 NYSDMV county MV-144A, Table 13(P).
2001 NYSDMV AIS Data Base.

CHAUTAUQUA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	5,528	133	6,208	144	7,148	135	5,663	121
No restraint used	6.5	37.6	5.8	28.5	6.3	23.7	4.9	25.6
Restraint used	85.0	56.4	86.0	68.8	90.6	66.7	85.2	68.6
Restraint use unspecified	8.5	6.0	8.3	2.8	3.1	9.6	9.9	5.8

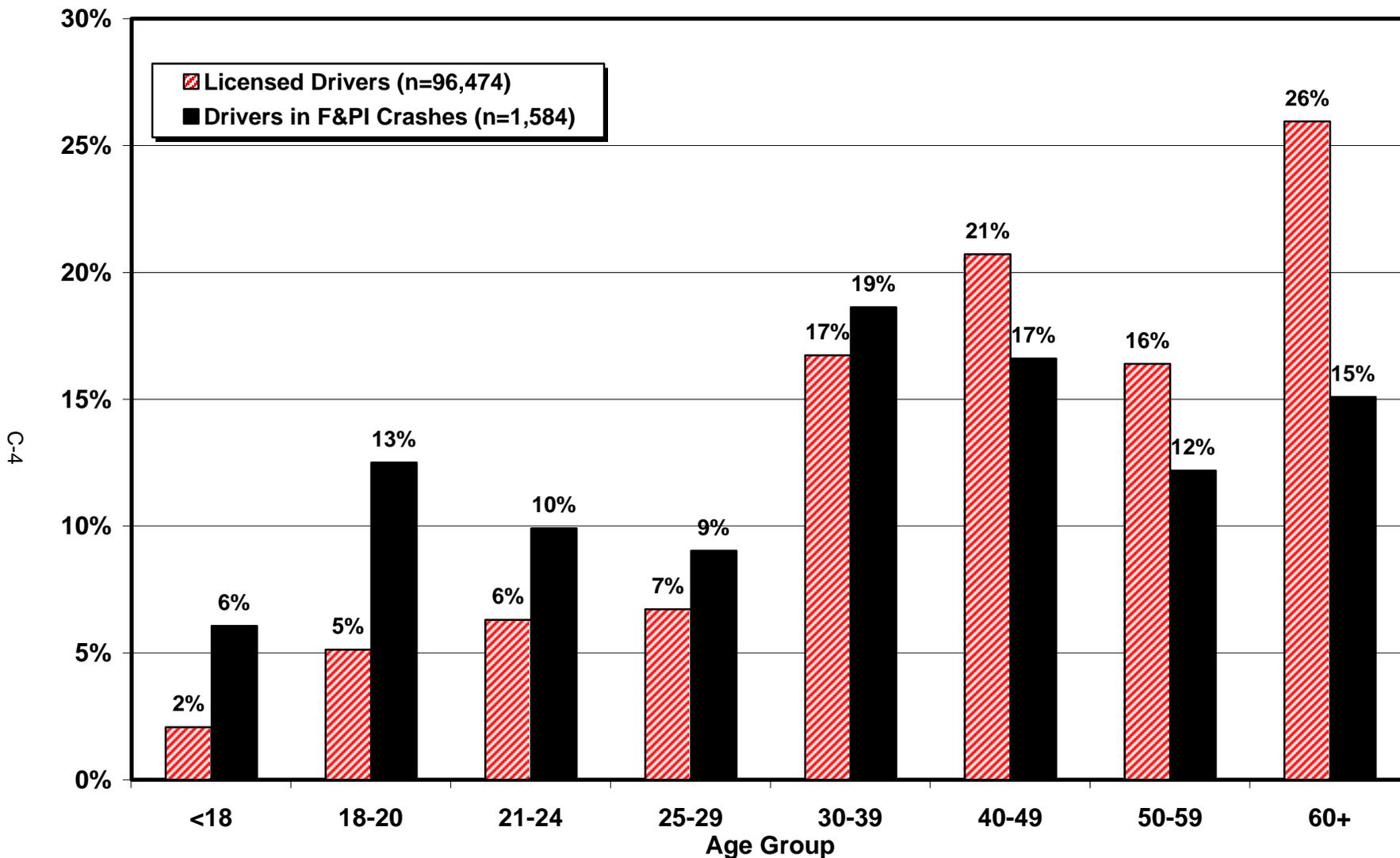
* Police-reported crashes only.

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

Source: 1998-2000 NYSDMV county MV-144A, Table 29(P).
2001 NYSDMV AIS Data Base.

Chautauqua County 2001

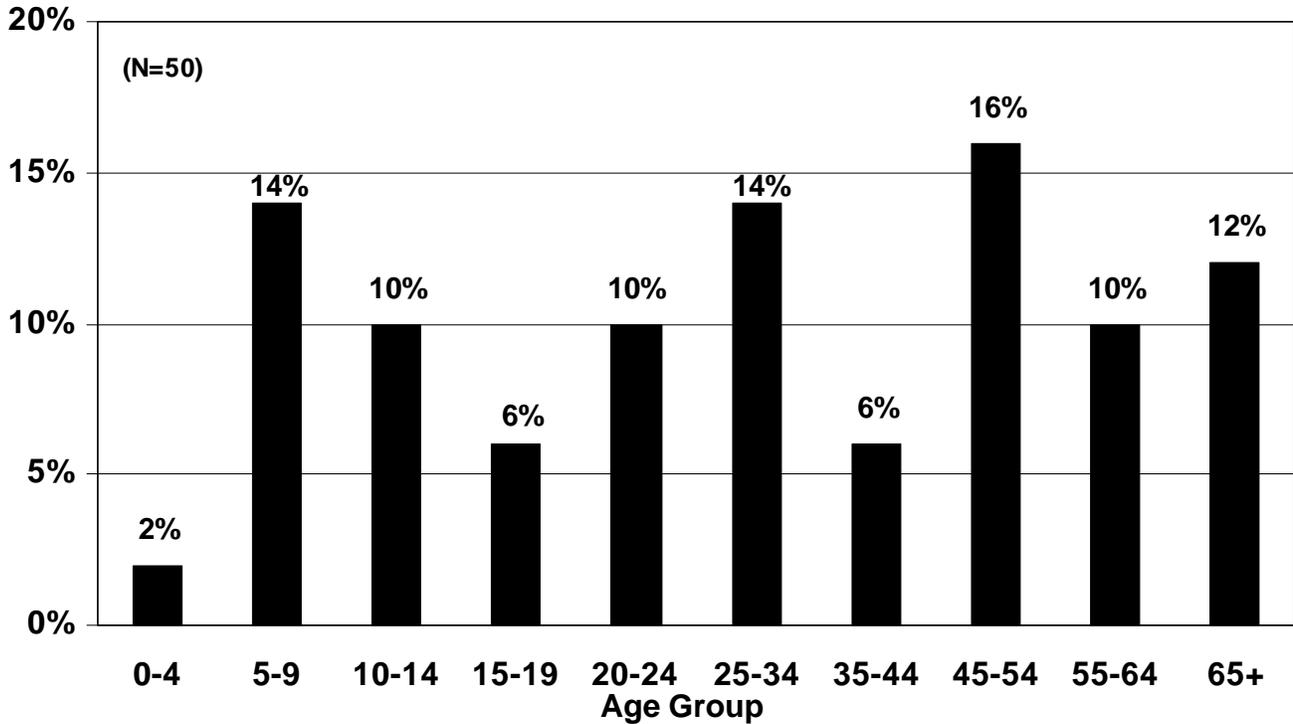
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

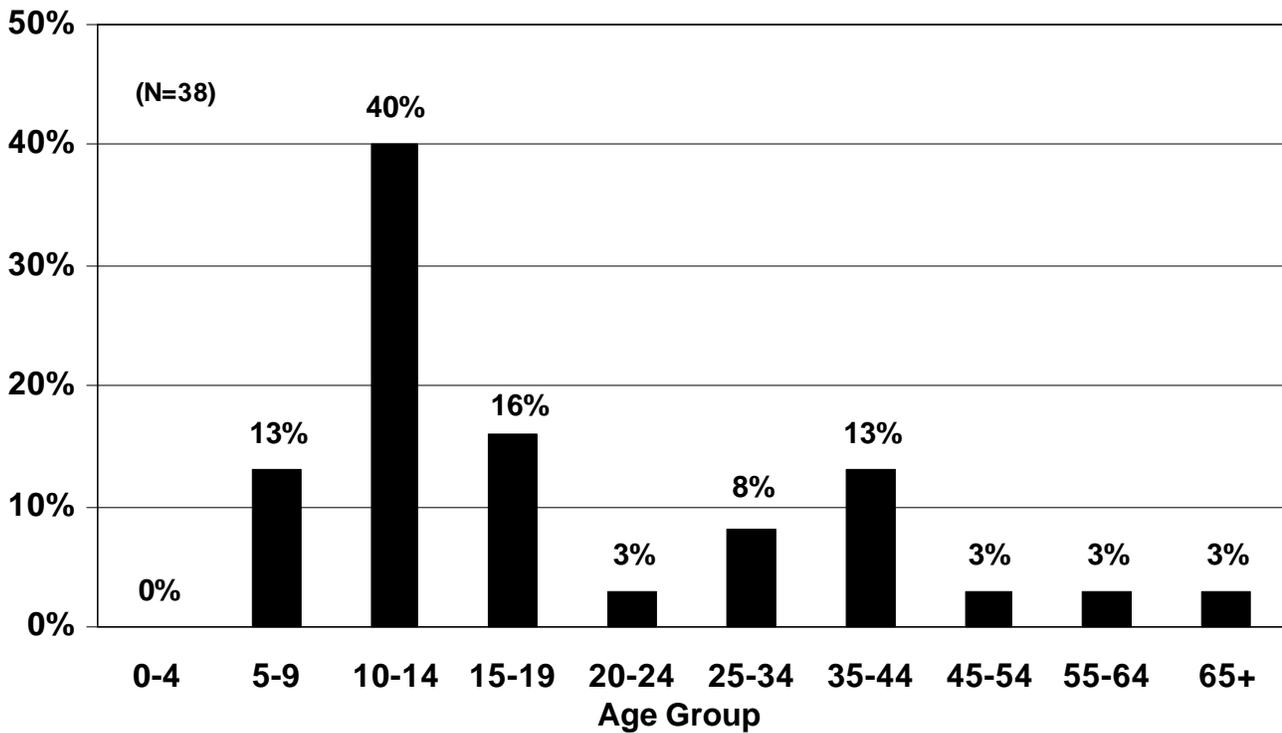
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

Chautauqua County 2001 Pedestrians Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

Chautauqua County 2001 Bicyclists Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

CHAUTAUQUA COUNTY
ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	2,345	2,628	3,160	2,429
Alcohol-related crashes	152	151	186	142
% of total crashes	6.5	5.7	5.9	5.8
FATAL CRASHES (events)	15	10	18	13
Alcohol-related fatal crashes	5	2	6	5
% of fatal crashes	33.3	20.0	33.3	38.5
PERSONAL INJURY CRASHES (events)	1,041	1,043	1,072	993
Alcohol-related injury crashes	103	83	94	85
% of injury crashes	9.9	8.0	8.8	8.6
TOTAL FATALITIES (persons)	17	12	18	15
Alcohol-related fatalities	7	2	6	7
% of total fatalities	41.2	16.7	33.3	46.7
TOTAL INJURIES (persons)	1,475	1,522	1,599	1,389
Alcohol-related injuries	150	120	135	119
% of total injuries	10.2	7.9	8.4	8.6

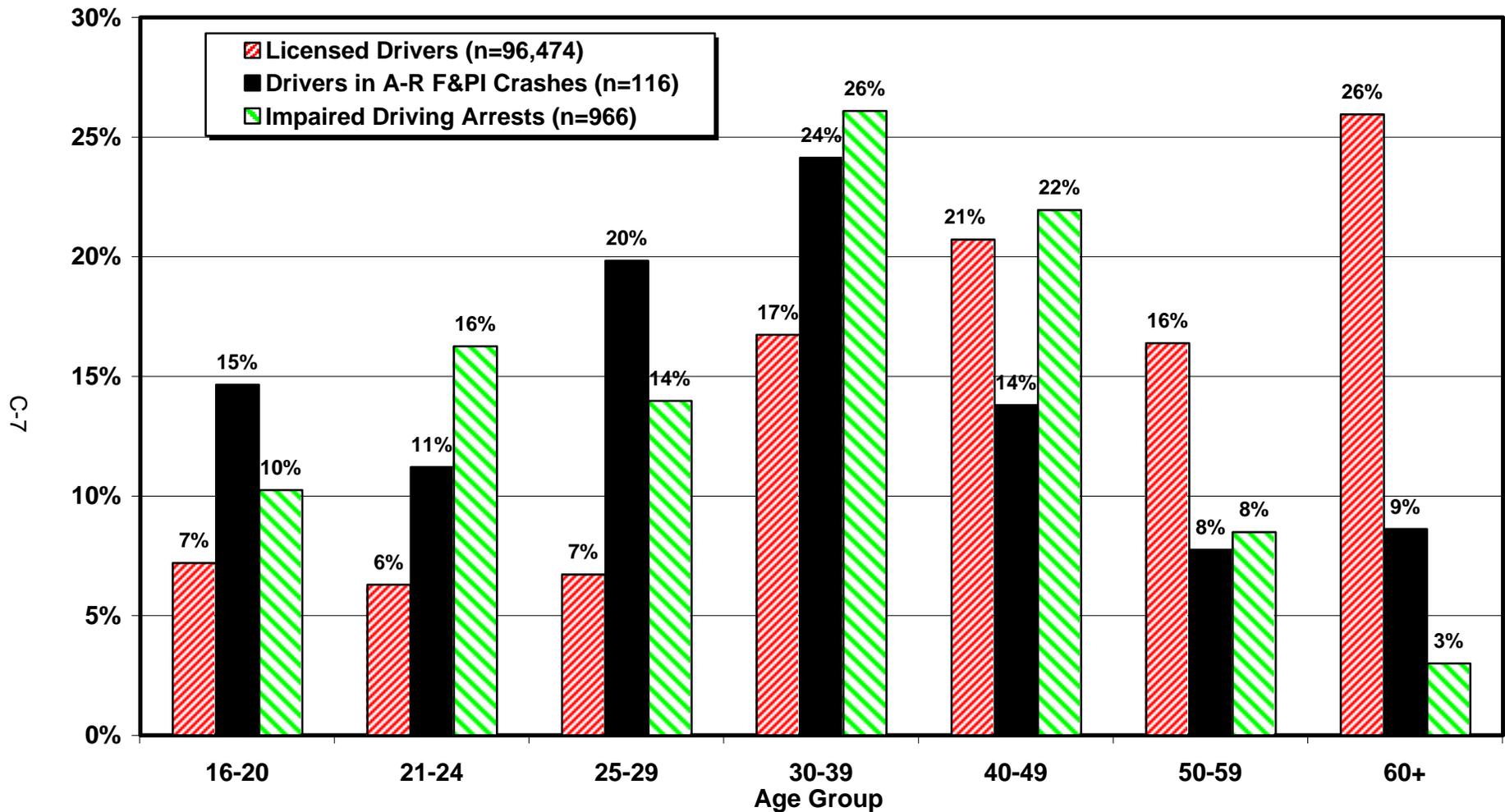
* Police-reported crashes only.

Note: Data presented in Table C-1 include all reportable crashes.

Source: 1998-2000 NYSDMV county MV-144A, Table 1 and the DMV Office of Data Processing.
2001 NYSDMV AIS Data Base.

Chautauqua County 2001

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 ITS MR.

CHAUTAUQUA COUNTY

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	16,670	17,548	16,452	18,449
% of total tickets	41.5	42.6	40.6	39.9
% convicted on same charge	55.7	54.2	51.9	51.4
SAFETY RESTRAINTS (V&T 1229c)	3,931	4,558	3,165	4,583
% of total tickets	9.8	11.1	7.8	9.9
% convicted on same charge	81.1	78.0	75.5	77.3
IMPAIRED DRIVING (V&T 1192)	1,350	1,556	1,571	1,639
% of total tickets	3.4	3.8	3.9	3.5
PERSONS ARRESTED*	891	984	967	984
% arrested as result of patrol activity**	88.9	89.6	88.5	86.2
% arrested as result of crash	10.3	10.2	10.9	13.0
% arrested as result of <i>other means</i> ***	0.8	0.2	0.6	0.8
TOTAL TICKETS FOR ALL V&T VIOLATIONS	40,160	41,191	40,484	46,220

* 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.

CHAUTAUQUA COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=891)	(N=984)	(N=967)	(N=984)
Case adjudicated	94.8%	91.6%	71.3%	90.0%
Case pending	5.2%	8.4%	28.7%	10.0%
Disposition of Adjudicated Cases*	(N=845)	(N=901)	(N=689)	(N=886)
<i>Convicted on Alcohol Charge</i>	92.4%	92.8%	96.6%	94.0%
Convicted on original alcohol charge	50.7%	46.3%	49.2%	43.3%
Convicted on reduced alcohol charge	37.4%	41.8%	43.0%	46.7%
Convicted on other alcohol charge	4.3%	4.7%	4.4%	4.0%
<i>Convicted on Non-Alcohol Charge</i>	1.1%	0.9%	0.6%	0.8%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	6.5%	6.3%	2.8%	5.2%
* 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

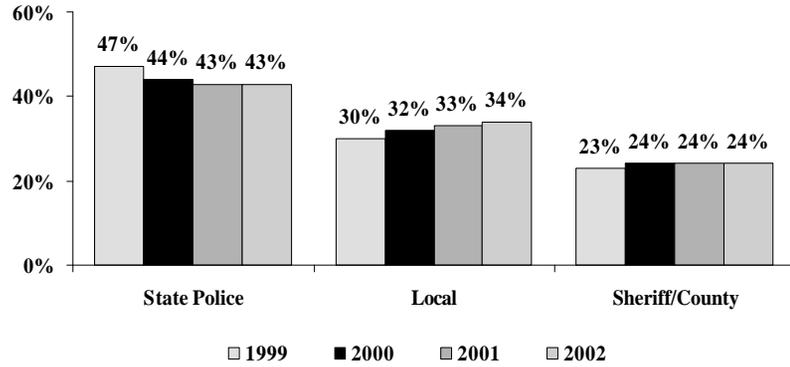
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	155	148	119	113
Number of Persons on Probation*	334	368	353	325

* 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 data with the data from earlier years.

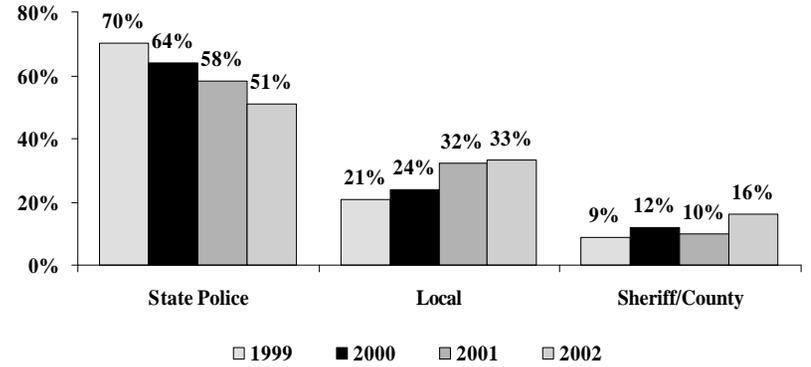
Source: NYS Division of Probation and Correctional Alternatives.

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

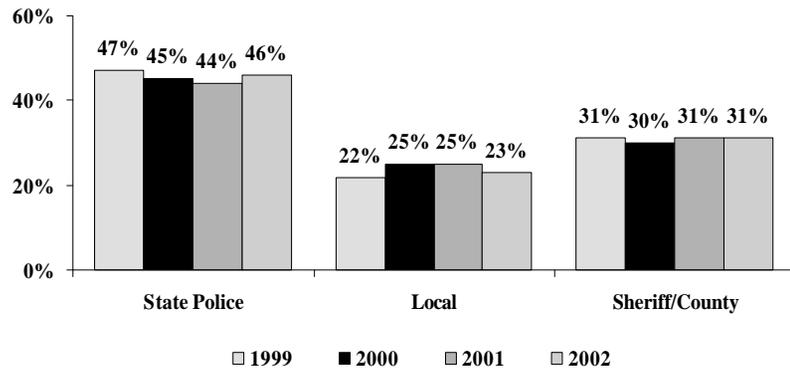
All Tickets



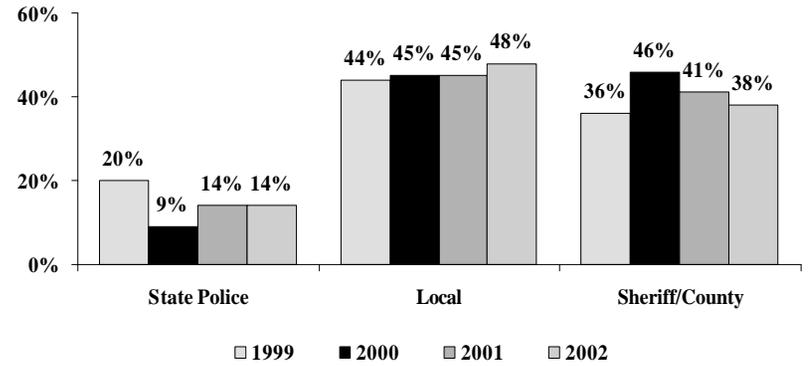
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CHAUTAUQUA COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		1999			2000			2001			2002		
		#	% 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	509	44.0	37.7	722	50.5	46.0	699	48.8	44.5	695	46.4	42.4
	speed	5,198	59.1	31.2	5,230	54.5	29.7	5,091	55.7	31.0	5,635	57.2	30.5
	seatbelt	339	29.1	8.6	538	33.4	11.8	303	23.1	9.6	722	32.6	15.8
Dunkirk P.D. NCIC 00601	alcohol	60	5.2	4.4	56	3.9	3.6	45	3.1	2.9	57	3.8	3.5
	speed	281	3.2	1.7	184	1.9	1.0	278	3.0	1.7	289	2.9	1.6
	seatbelt	220	18.9	5.6	309	19.2	6.8	135	10.3	4.3	267	12.0	5.8
Jamestown P.D. NCIC 00602	alcohol	336	29.0	24.9	422	29.5	26.9	299	20.9	19.0	327	21.8	20.0
	speed	948	10.8	5.7	1,043	10.9	5.9	851	9.3	5.2	706	7.2	3.8
	seatbelt	378	32.5	9.6	507	31.5	11.1	511	38.9	16.2	378	17.1	8.2
Lakewood-Busti P.D. NCIC 00620	alcohol	46	4.0	3.4	71	5.0	4.5	132	9.2	8.4	116	7.7	7.1
	speed	870	9.9	5.2	1,362	14.2	7.7	1,361	14.9	8.3	1,189	12.1	6.4
	seatbelt	40	3.4	1.0	92	5.7	2.0	181	13.8	5.7	407	18.4	8.9
Vill. of Silver Creek P.D. NCIC 00627	alcohol	30	2.6	2.2	20	1.4	1.3	42	2.9	2.7	21	1.4	1.3
	speed	220	2.5	1.3	186	1.9	1.1	180	2.0	1.1	197	2.0	1.1
	seatbelt	6	0.5	0.2	11	0.7	0.2	51	3.9	1.6	33	1.5	0.7
Fredonia P.D. NCIC 00629	alcohol	51	4.4	3.8	40	2.8	2.6	84	5.9	5.4	100	6.7	6.1
	speed	309	3.5	1.9	252	2.6	1.4	331	3.6	2.0	326	3.3	1.8
	seatbelt	37	3.2	0.9	73	4.5	1.6	39	3.0	1.2	91	4.1	2.0
Westfield Vill. P.D. NCIC 00632	alcohol	33	2.9	2.4	30	2.1	1.9	43	3.0	2.7	67	4.5	4.1
	speed	359	4.1	2.2	351	3.7	2.0	263	2.9	1.6	432	4.4	2.3
	seatbelt	62	5.3	1.6	41	2.5	0.9	33	2.5	1.0	42	1.9	0.9
Town of Carroll P.D. NCIC 00652	alcohol	36	3.1	2.7	22	1.5	1.4	13	0.9	0.8	15	1.0	0.9
	speed	175	2.0	1.0	142	1.5	0.8	159	1.7	1.0	110	1.1	0.6
	seatbelt	30	2.6	0.8	15	0.9	0.3	7	0.5	0.2	12	0.5	0.3

CHAUTAUQUA COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		1999			2000			2001			2002		
		#	% 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	51	4.4	3.8	46	3.2	2.9	74	5.2	4.7	95	6.3	5.8
NCIC 00659	speed	228	2.6	1.4	683	7.1	3.9	575	6.3	3.5	896	9.1	4.9
	seatbelt	45	3.9	1.1	22	1.4	0.5	52	4.0	1.6	262	11.8	5.7
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	26	0.3	0.2	23	0.2	0.1	11	0.1	0.1	1	<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	1	<0.1	<0.1	0	0.0	0.0	1	<0.1	<0.1	1	<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	5	0.4	0.4	0	0.0	0.0	0	0.0	0.0	5	0.3	0.3
NCIC 00675	speed	175	2.0	1.0	136	1.4	0.8	45	0.5	0.3	69	0.7	0.4
	seatbelt	6	0.5	0.2	2	0.1	<0.1	2	0.2	0.1	3	0.1	0.1
Totals by Agency Type													
Sheriff and Local	alcohol	1,157		85.6	1,429		91.1	1,431		91.1	1,498		91.4
	speed	8,790		52.7	9,592		54.5	9,146		55.6	9,851		53.4
	seatbelt	1,163		29.6	1,610		35.3	1,314		41.5	2,217		48.4
State Police	alcohol	191		14.1	133		8.5	138		8.8	136		8.3
	speed	7,846		47.1	7,962		45.2	7,239		44.0	8,542		46.3
	seatbelt	2,756		70.1	2,937		64.3	1,847		58.4	2,356		51.4
Other	alcohol	3		0.2	6		0.4	1		0.1	5		0.3
incl. SUNY	speed	34		0.2	44		0.3	62		0.4	56		0.3
	seatbelt	12		0.3	19		0.4	2		0.1	10		0.2
County Totals													
	alcohol	1,351			1,568			1,570			1,639		
	speed	16,670			17,598			16,447			18,449		
	seatbelt	3,931			4,566			3,163			4,583		

Source: NYS DMV