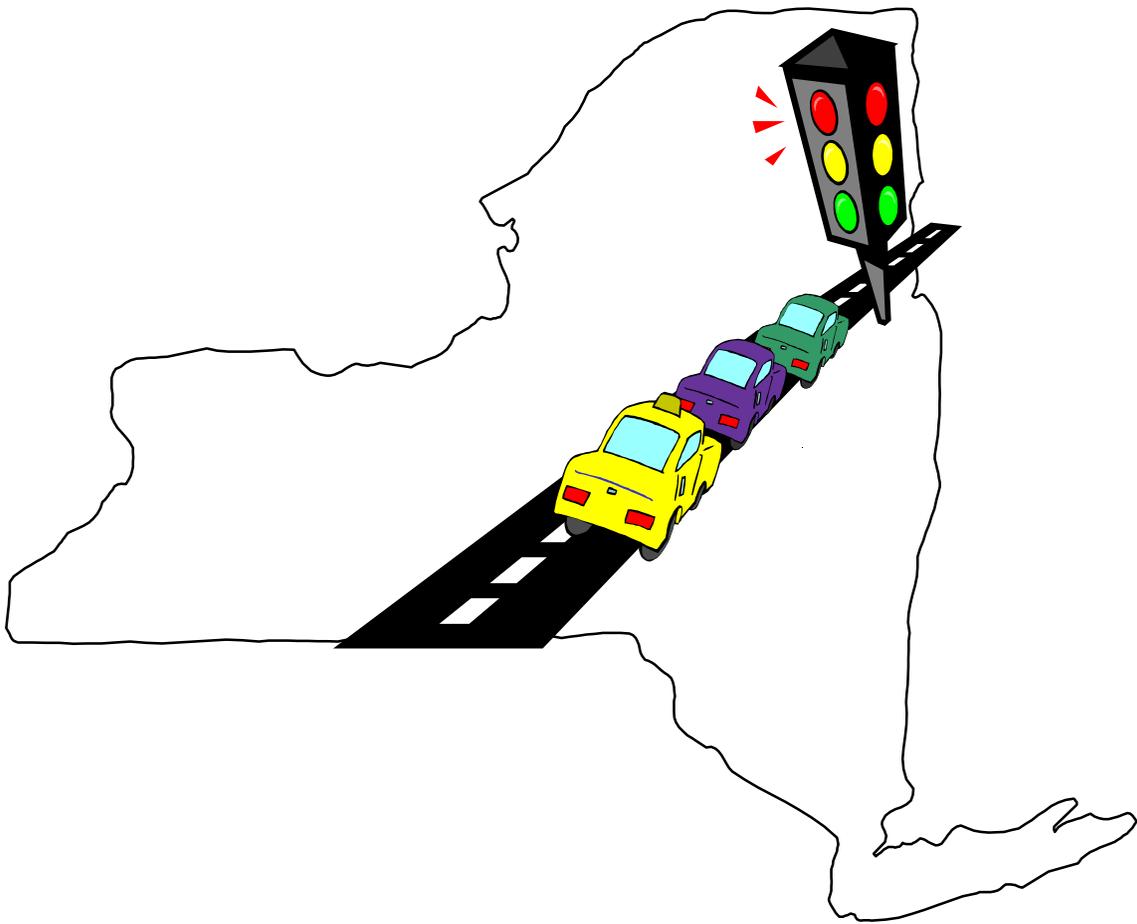


CAYUGA COUNTY

TRAFFIC SAFETY DATA



Prepared by

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607, Albany, NY 12205-2604

Phone 518-453-0291 . FAX 518-453-0298

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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

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607
Albany, New York 12205
Telephone: 518-453-0291

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles
Empire State Plaza
Albany, New York 12228
Telephone: 518-474-5111

Contact Your GTSC Representative

Jennifer Hogan

518-473-7786

jhoga1@dmv.state.ny.us

Renee Barchitta

518-473-6786

rbarc@dmv.state.ny.us

Brad Swartz

518-474-9830

bswar@dmv.state.ny.us

Rich Devlin

518-486-4221

rdevl@dmv.state.ny.us

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CAYUGA COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	1,244 *		1,472 *		1,717 *		1,287 *	
Fatal	8	0.6	10	0.7	10	0.6	5	0.4
Personal Injury	609	49.0	618	42.0	680	39.6	575	44.7
Property Damage*	627 *	50.4	844 *	57.3	1,027 *	59.8	707 *	54.9
SELECTED CRASH TYPES (events)								
Pedestrian crashes	29	2.3	35	2.4	27	1.6	25	1.9
Bicycle crashes	25	2.0	22	1.5	22	1.3	22	1.7
Motorcycle crashes	19	1.5	13	0.9	11	0.6	15	1.2
TOTAL FATALITIES (persons)	10		12		11		5	
Drivers	5	50.0	8	66.7	7	63.6	4	80.0
Passengers	3	30.0	3	25.0	4	36.4	0	0.0
Pedestrians	2	20.0	1	8.3	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	1	20.0
TOTAL INJURIES** (persons)	914		862		953		826	
Drivers	571	62.5	514	59.6	604	63.4	509	61.6
Passengers	289	31.6	291	33.8	297	31.2	271	32.8
Pedestrians	27	3.0	34	3.9	30	3.1	24	2.9
Bicyclists	26	2.8	22	2.6	20	2.1	21	2.5

* 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.

CAYUGA COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	153.08	180.16	209.48	158.11
Crash Rate per 10,000 Licensed Drivers	232.60	274.05	314.49	233.77
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	115.92	110.03	119.57	103.32
Fatality & Injury Rate per 10,000 Licensed Drivers	176.13	167.37	179.50	152.76
MEAN SEVERITY OF INJURY (MSI)	1.452	1.453	1.388	1.419

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

CAYUGA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	1,151		1,337		1,575		1,191	
Alcohol involvement	68	5.9	86	6.4	84	5.3	61	5.1
Unsafe speed	159	13.8	177	13.2	256	16.3	167	14.0
Driver inattention/distraction**	158	13.7	209	15.6	212	13.5	165	13.9
Failure to yield right-of-way	195	16.9	201	15.0	233	14.8	185	15.5
Following too closely	72	6.3	89	6.7	97	6.2	75	6.3
Improper passing/lane usage	68	5.9	70	5.2	83	5.3	63	5.3
Traffic control disregarded	59	5.1	53	4.0	61	3.9	62	5.2
Unsafe lane changing	23	2.0	37	2.8	38	2.4	26	2.2

* 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.

CAYUGA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	2,864	77	3,027	81	3,349	70	2,800	61
No restraint used	8.4	27.3	7.6	44.4	6.7	31.4	4.4	23.0
Restraint used	80.0	66.2	85.2	50.6	90.0	62.9	84.9	70.5
Restraint use unspecified	11.6	6.5	7.2	4.9	3.3	5.7	10.7	6.6

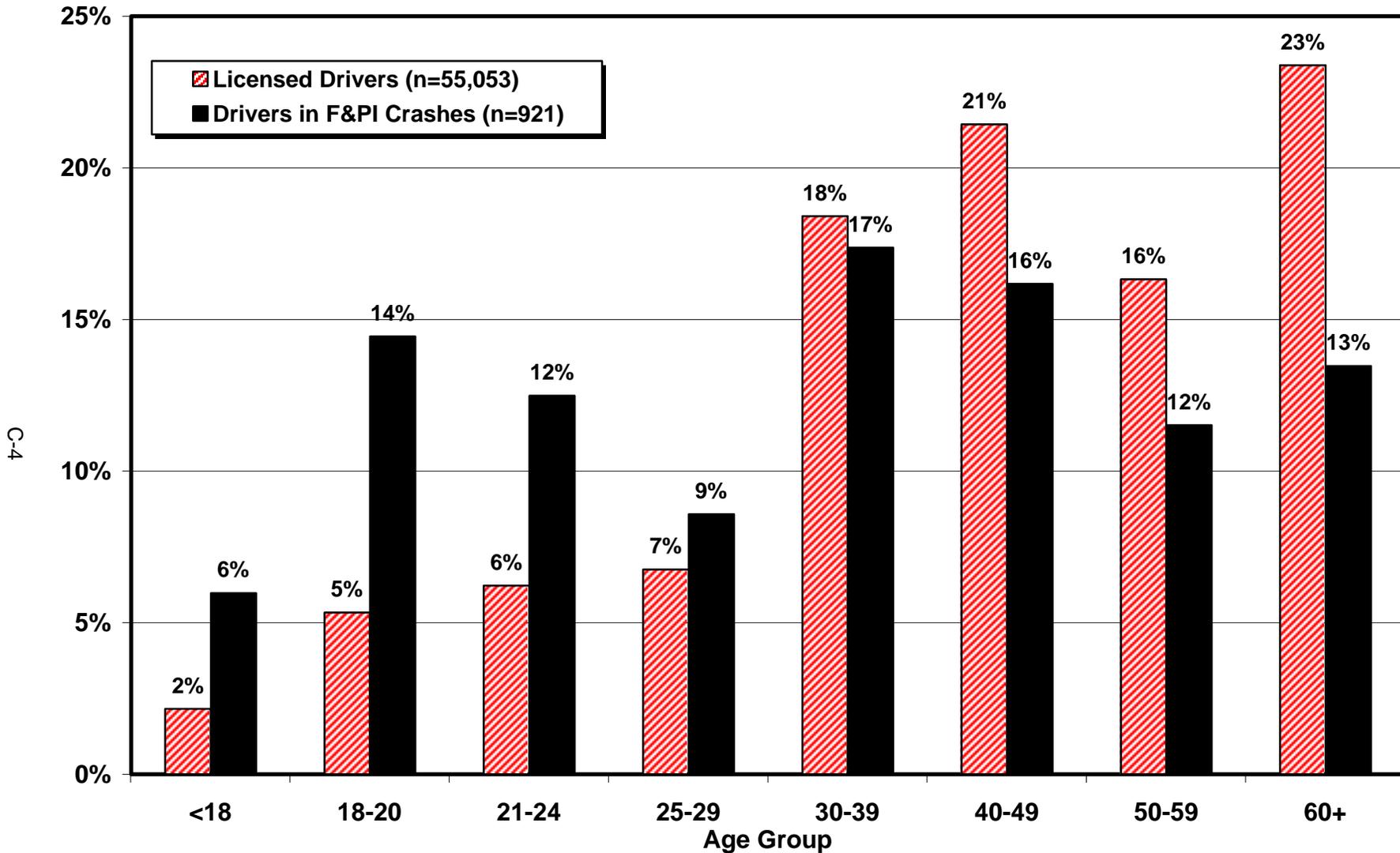
* Police-reported crashes only.

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.

Cayuga County 2001

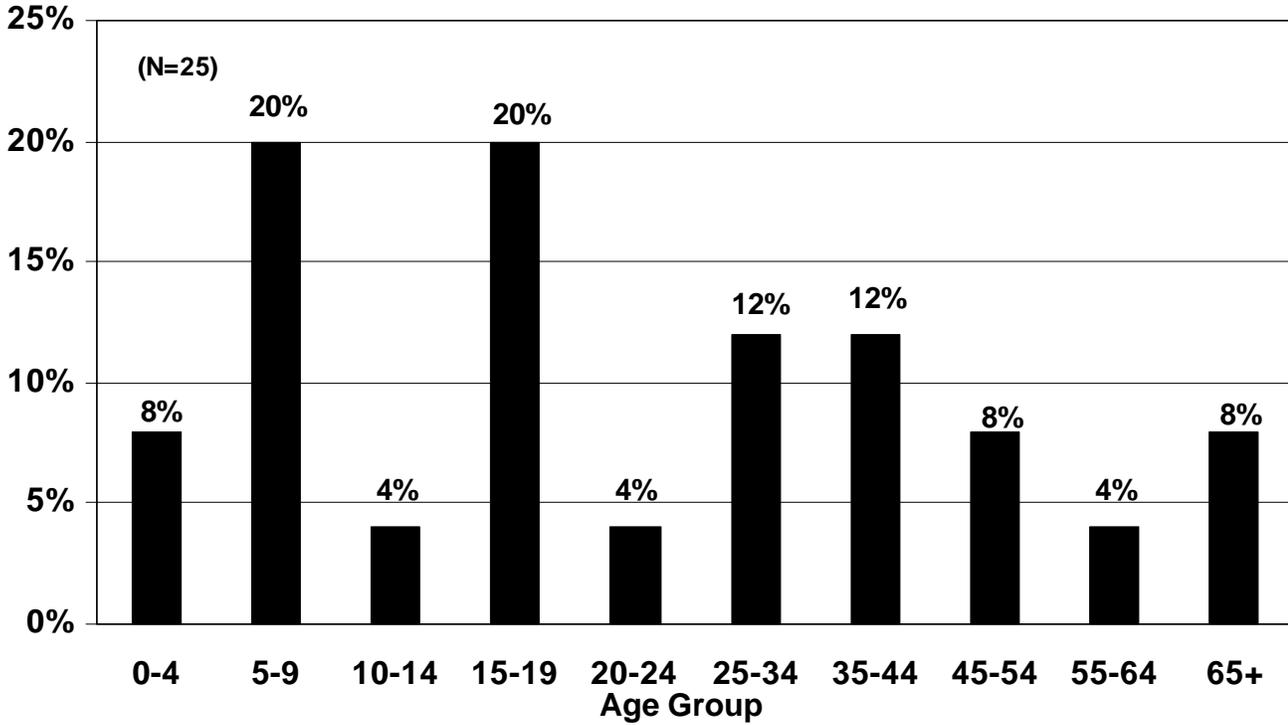
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

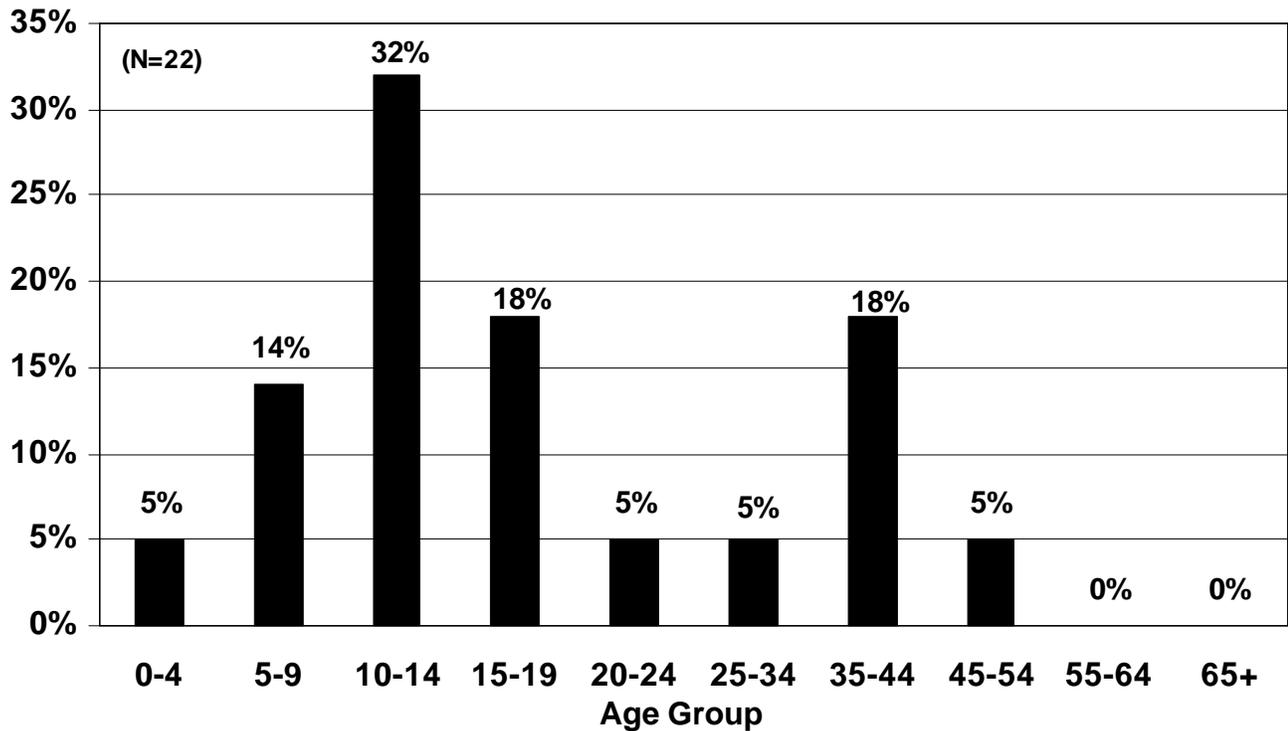
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

**Cayuga County 2001
Pedestrians Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

**Cayuga County 2001
Bicyclists Killed or Injured by Age Group**



Source: NYSDMV AIS Data Base.

CAYUGA COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	1,151	1,337	1,575	1,191
Alcohol-related crashes	72	91	84	62
% of total crashes	6.3	6.8	5.3	5.2
FATAL CRASHES (events)	8	10	10	5
Alcohol-related fatal crashes	5	3	3	0
% of fatal crashes	62.5	30.0	30.0	0.0
PERSONAL INJURY CRASHES (events)	594	599	667	565
Alcohol-related injury crashes	46	58	55	43
% of injury crashes	7.7	9.7	8.2	7.6
TOTAL FATALITIES (persons)	10	12	11	5
Alcohol-related fatalities	5	5	3	0
% of total fatalities	50.0	41.7	27.3	0.0
TOTAL INJURIES (persons)	914	862	953	826
Alcohol-related injuries	67	90	71	55
% of total injuries	7.3	10.4	7.5	6.7

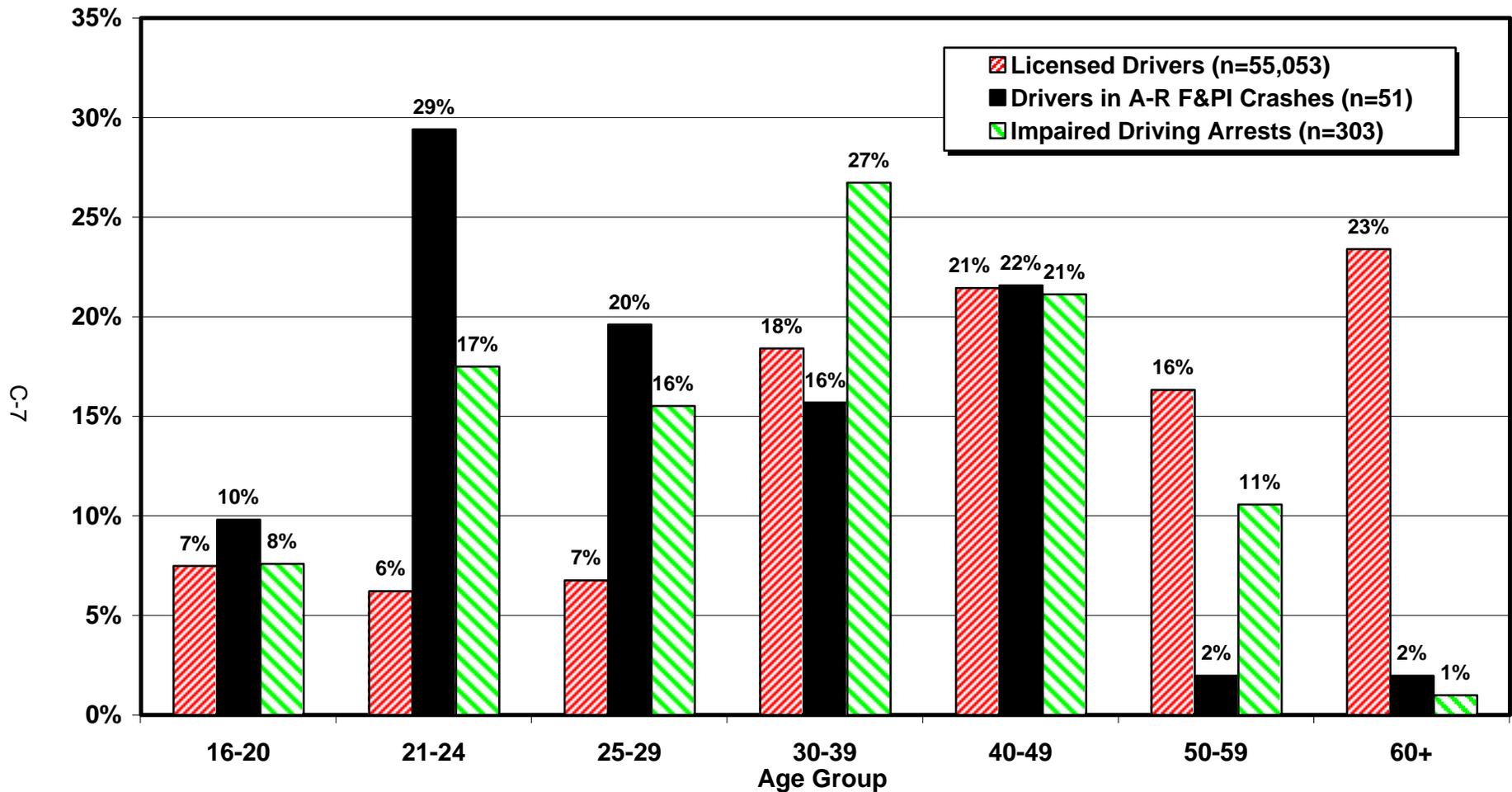
* Police-reported crashes only.

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.

Cayuga 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 ITSMR.

CAYUGA COUNTY

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	5,332	5,256	5,029	4,385
% of total tickets	35.0	31.6	33.2	30.0
% convicted on same charge	55.9	50.5	50.5	46.2
SAFETY RESTRAINTS (V&T 1229c)	1,779	2,382	1,788	2,318
% of total tickets	11.7	14.3	11.8	15.9
% convicted on same charge	85.3	79.9	82.6	75.6
IMPAIRED DRIVING (V&T 1192)	482	457	360	386
% of total tickets	3.2	2.8	2.4	2.6
PERSONS ARRESTED*	364	396	305	327
% arrested as result of patrol activity**	78.6	79.5	79.3	71.0
% arrested as result of crash	20.3	19.0	19.0	25.4
% arrested as result of <i>other means</i> ***	1.1	1.5	1.6	3.7
TOTAL TICKETS FOR ALL V&T VIOLATIONS	15,240	16,612	15,128	14,609

* 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.

CAYUGA COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=364)	(N=396)	(N=305)	(N=327)
Case adjudicated	97.5%	94.2%	78.7%	92.4%
Case pending	2.5%	5.8%	21.3%	7.6%
Disposition of Adjudicated Cases*	(N=355)	(N=373)	(N=240)	(N=302)
<i>Convicted on Alcohol Charge</i>	96.1%	94.9%	97.1%	96.4%
Convicted on original alcohol charge	40.6%	46.1%	46.7%	32.8%
Convicted on reduced alcohol charge	40.6%	38.9%	40.4%	39.4%
Convicted on other alcohol charge	14.9%	9.9%	10.0%	24.2%
<i>Convicted on Non-Alcohol Charge</i>	0.8%	0.5%	0.0%	0.7%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	3.1%	4.6%	2.9%	2.9%
* 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.

CAYUGA COUNTY

DWI/AI Probation Data

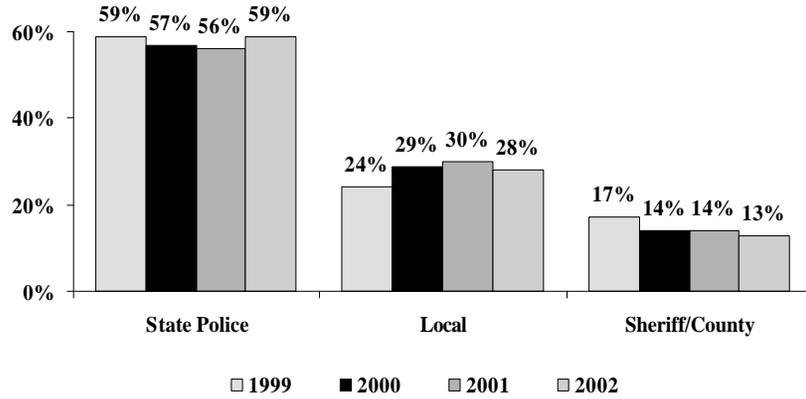
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	70	56	50	40
Number of Persons on Probation*	189	185	187	185

* 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.

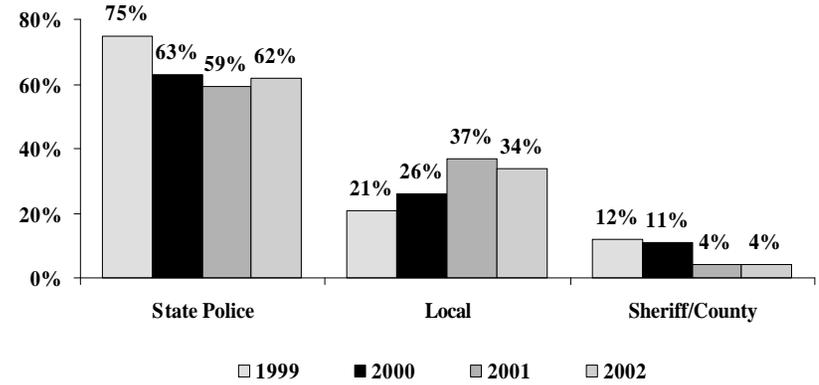
Source: NYS Division of Probation and Correctional Alternatives.

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

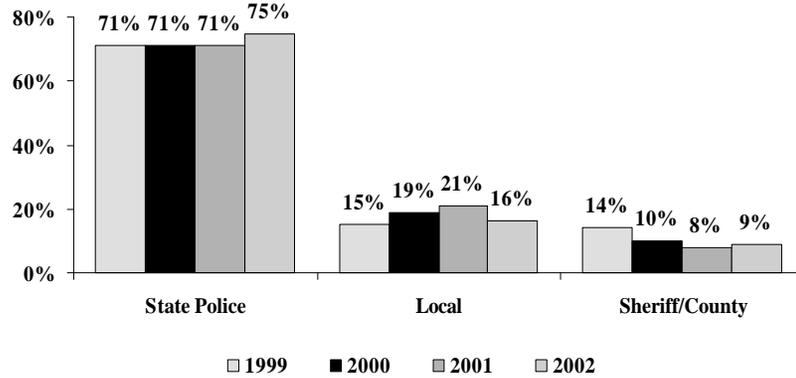
All Tickets



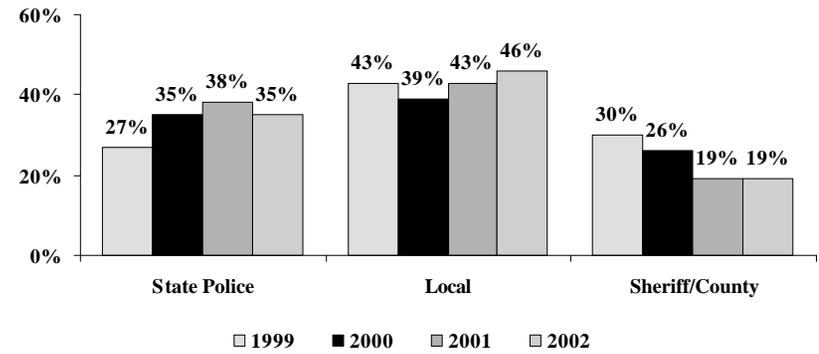
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CAYUGA 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
Cayuga Sheriff NCIC 00500	alcohol	199	51.4	41.5	120	40.0	26.2	97	39.9	26.9	108	39.6	28.0
	speed	718	49.7	13.5	525	34.4	10.0	384	27.0	7.6	392	35.3	8.9
	seatbelt	158	38.7	9.0	249	28.7	10.4	63	8.7	3.5	97	11.1	4.2
Auburn City Police NCIC 00501	alcohol	123	31.8	25.7	160	53.3	34.9	117	48.1	32.4	146	53.5	37.8
	speed	415	28.7	7.8	552	36.2	10.5	509	35.8	10.1	422	38.1	9.6
	seatbelt	134	32.8	7.6	490	56.5	20.5	605	83.6	33.9	671	77.1	28.9
Weedsport P.D. NCIC 00521	alcohol	28	7.2	5.8	3	1.0	0.7	7	2.9	1.9	4	1.5	1.0
	speed	39	2.7	0.7	16	1.0	0.3	43	3.0	0.9	70	6.3	1.6
	seatbelt	4	1.0	0.2	36	4.1	1.5	35	4.8	2.0	9	1.0	0.4
Port Bryon P.D. NCIC 00522	alcohol	27	7.0	5.6	3	1.0	0.7	7	2.9	1.9	3	1.1	0.8
	speed	129	8.9	2.4	333	21.8	6.3	314	22.1	6.2	141	12.7	3.2
	seatbelt	41	10.0	2.3	17	2.0	0.7	18	2.5	1.0	53	6.1	2.3
Moravia P.D. NCIC 00526	alcohol	10	2.6	2.1	14	4.7	3.1	15	6.2	4.2	12	4.4	3.1
	speed	144	10.0	2.7	100	6.6	1.9	173	12.2	3.4	84	7.6	1.9
	seatbelt	71	17.4	4.0	76	8.8	3.2	3	0.4	0.2	40	4.6	1.7
Totals by Agency Type													
Sheriff and Local	alcohol	387		80.8	300		65.5	243		67.3	273		70.7
	speed	1,445		27.2	1,526		29.0	1,423		28.3	1,109		25.3
	seatbelt	408		23.1	868		36.4	724		40.5	870		37.5
State Police	alcohol	92		19.2	158		34.5	118		32.7	113		29.3
	speed	3,867		72.8	3,711		70.6	3,592		71.4	3,270		74.6
	seatbelt	1,356		76.9	1,513		63.4	1,057		59.1	1,434		61.9
Other incl. Park Police	alcohol	0		0.0	0		0.0	0		0.0	0		0.0
	speed	0		0.0	20		0.4	13		0.3	6		0.1
	seatbelt	0		0.0	5		0.2	6		0.3	14		0.6
County Totals													
	alcohol	479			458			361			386		
	speed	5,312			5,257			5,028			4,385		
	seatbelt	1,764			2,386			1,787			2,318		

Source: NYSDMV