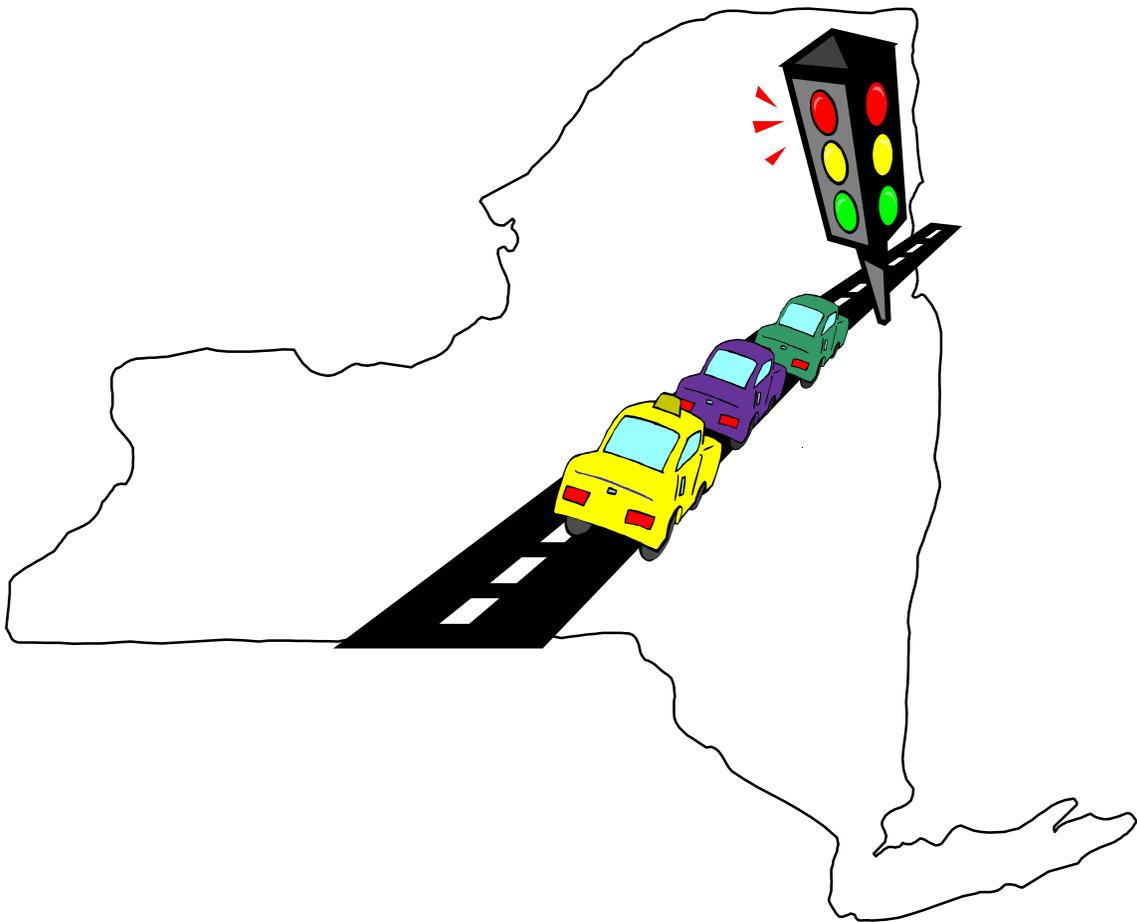


CHEMUNG COUNTY

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

CHEMUNG COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	1,304 *		1,552 *		1,652 *		1,327 *	
Fatal	8	0.6	11	0.7	6	0.4	6	0.5
Personal Injury	697	53.5	701	45.2	690	41.8	628	47.3
Property Damage*	599 *	45.9	840 *	54.1	956 *	57.9	693 *	52.2
SELECTED CRASH TYPES (events)								
Pedestrian crashes	39	3.0	33	2.1	35	2.1	27	2.0
Bicycle crashes	40	3.1	35	2.3	43	2.6	44	3.3
Motorcycle crashes	19	1.5	22	1.4	21	1.3	19	1.4
TOTAL FATALITIES (persons)	8		11		7		7	
Drivers	4	50.0	5	45.5	6	85.7	5	71.4
Passengers	0	0.0	2	18.2	1	14.3	2	28.6
Pedestrians	3	37.5	3	27.3	0	0.0	0	0.0
Bicyclists	1	12.5	1	9.1	0	0.0	0	0.0
TOTAL INJURIES** (persons)	1,019		972		999		840	
Drivers	607	59.6	621	63.9	609	61.0	522	62.1
Passengers	336	33.0	288	29.6	307	30.7	248	29.5
Pedestrians	37	3.6	31	3.2	38	3.8	26	3.1
Bicyclists	39	3.8	32	3.3	45	4.5	44	5.2

* 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.

CHEMUNG COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	141.71	169.18	181.40	146.35
Crash Rate per 10,000 Licensed Drivers	212.49	252.96	264.31	211.51
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	114.21	109.12	112.77	93.85
Fatality & Injury Rate per 10,000 Licensed Drivers	171.26	163.15	164.31	135.64
MEAN SEVERITY OF INJURY (MSI)	1.400	1.366	1.366	1.421

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

CHEMUNG COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	1,219		1,468		1,544		1,271	
Alcohol involvement	51	4.2	58	4.0	71	4.6	48	3.8
Unsafe speed	151	12.4	186	12.7	162	10.5	180	14.2
Driver inattention/distraction**	176	14.4	212	14.4	213	13.8	172	13.5
Failure to yield right-of-way	248	20.3	290	19.8	266	17.2	221	17.4
Following too closely	205	16.8	249	17.0	260	16.8	177	13.9
Improper passing/lane usage	70	5.7	86	5.9	86	5.6	70	5.5
Traffic control disregarded	102	8.4	126	8.6	137	8.9	100	7.9
Unsafe lane changing	35	2.9	49	3.3	43	2.8	56	4.4

* 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.

CHEMUNG COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	3,276	62	3,834	57	3,709	74	3,064	58
No restraint used	6.4	19.4	4.5	15.8	5.7	29.7	4.2	13.8
Restraint used	87.8	75.8	86.4	70.2	91.5	67.6	87.4	82.8
Restraint use unspecified	5.7	4.8	9.2	14.0	2.8	2.7	8.4	3.4

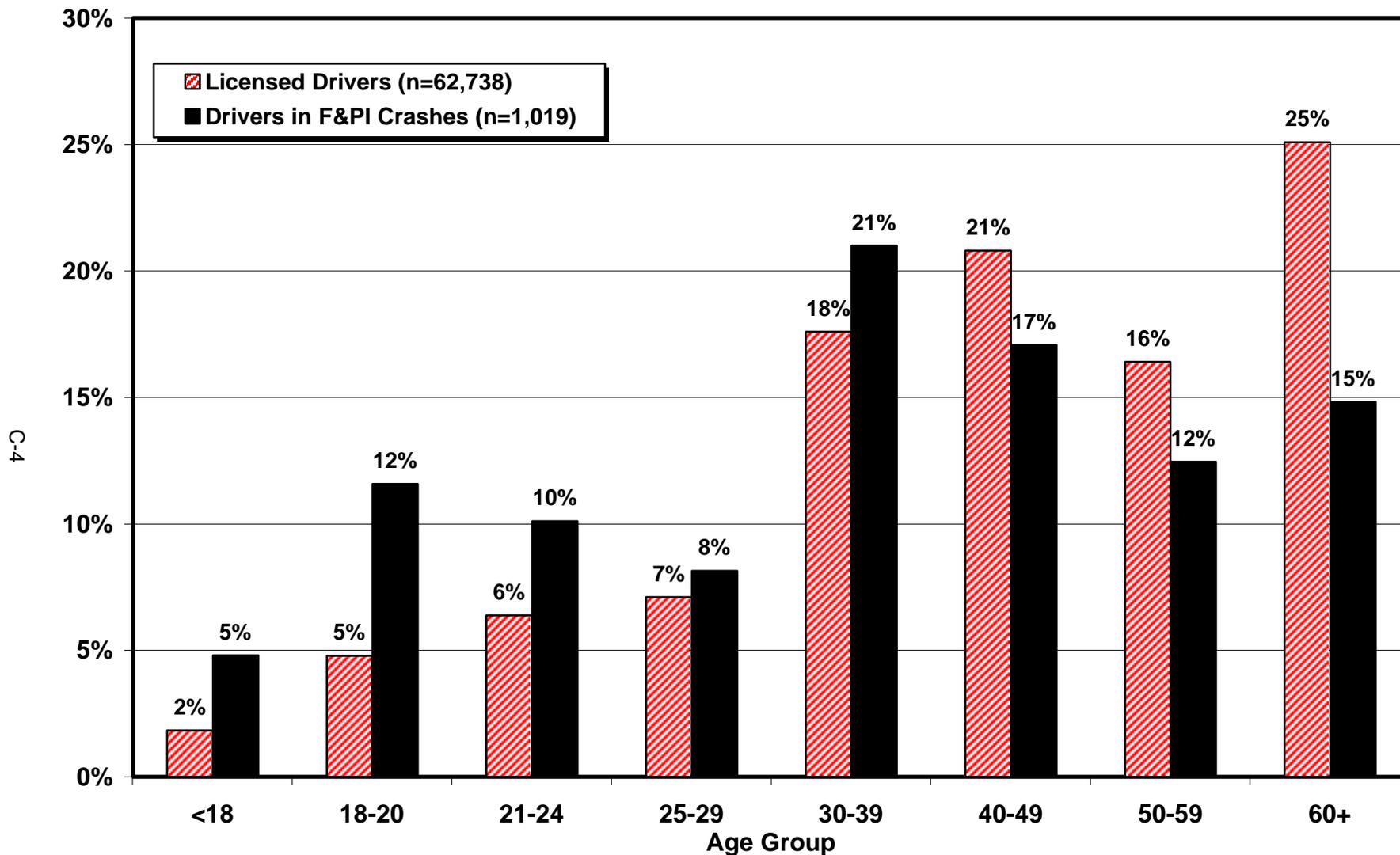
* Police-reported crashes only.

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.

Chemung County 2001

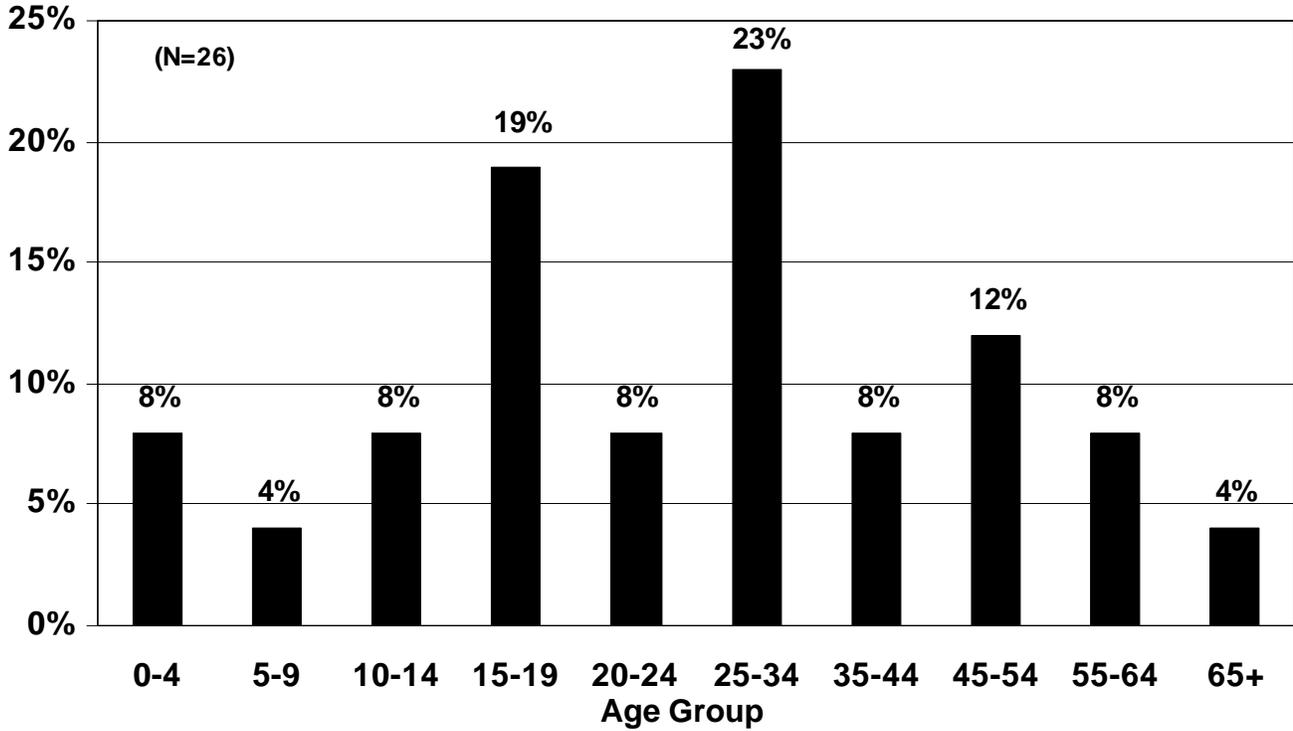
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

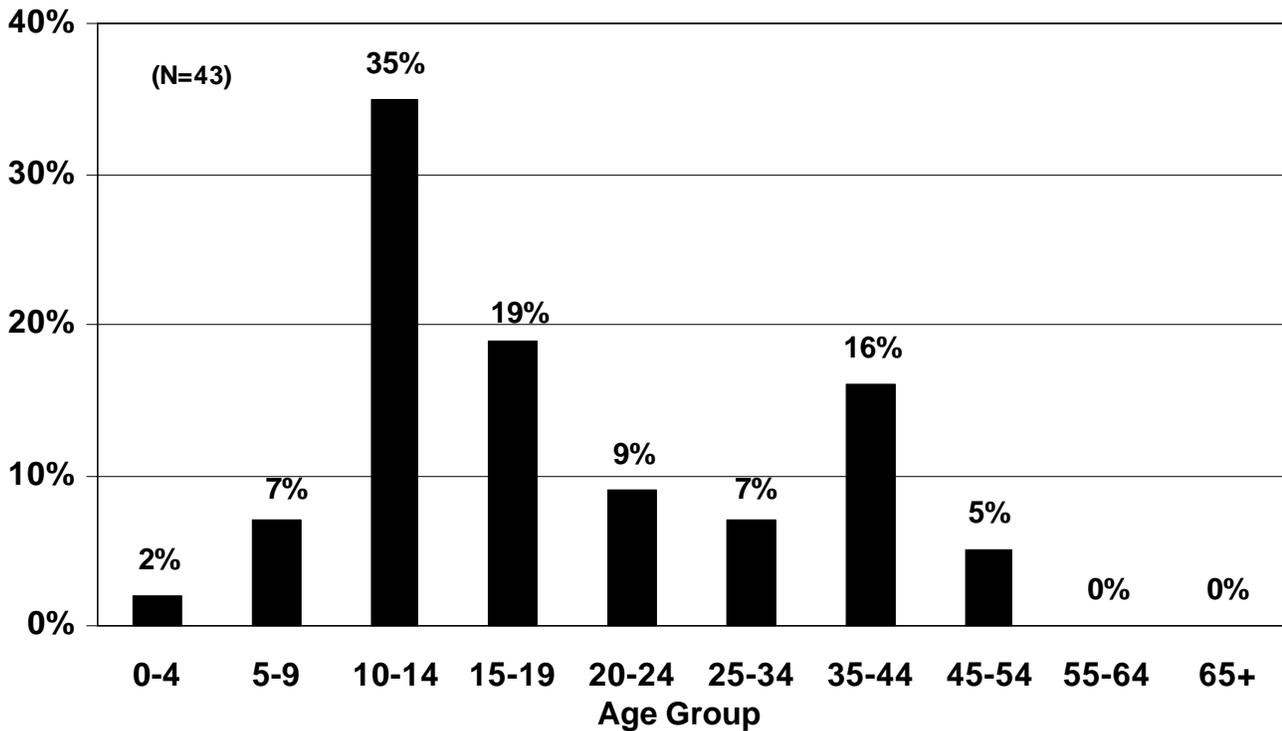
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

Chemung County 2001 Pedestrians Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

Chemung County 2001 Bicyclists Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

CHEMUNG COUNTY
ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	1,219	1,468	1,544	1,271
Alcohol-related crashes	51	60	71	51
% of total crashes	4.2	4.1	4.6	4.0
FATAL CRASHES (events)	8	11	6	6
Alcohol-related fatal crashes	0	2	3	1
% of fatal crashes	0.0	18.2	50.0	16.7
PERSONAL INJURY CRASHES (events)	681	685	675	625
Alcohol-related injury crashes	41	35	44	41
% of injury crashes	6.0	5.1	6.5	6.6
TOTAL FATALITIES (persons)	8	11	7	7
Alcohol-related fatalities	0	2	4	1
% of total fatalities	0.0	18.2	57.1	14.3
TOTAL INJURIES (persons)	1,019	972	999	840
Alcohol-related injuries	64	51	65	54
% of total injuries	6.3	5.2	6.5	6.4

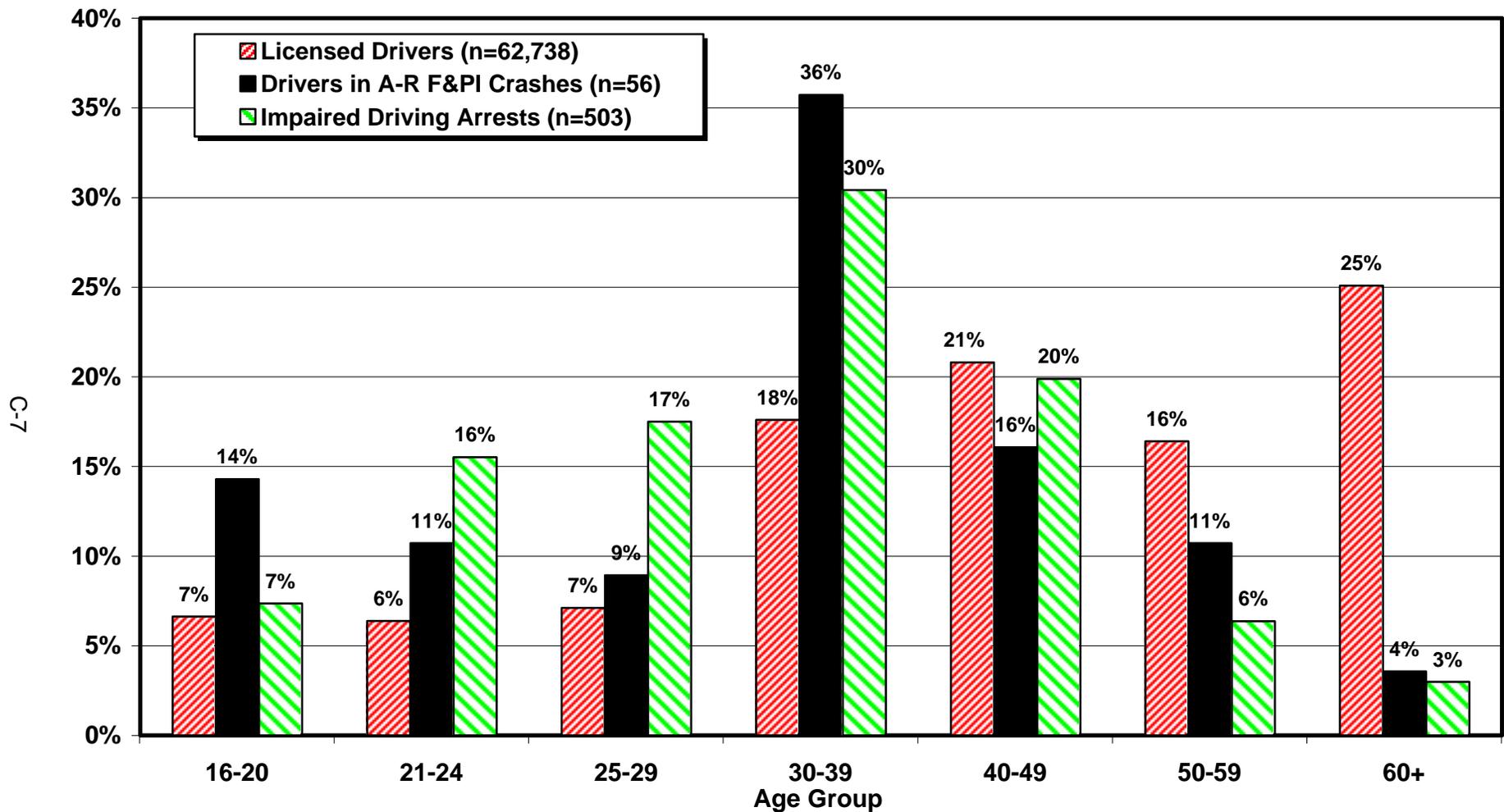
* Police-reported crashes only.

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.A6

Chemung 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.

CHEMUNG COUNTY

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	6,274	6,994	4,812	6,792
% of total tickets	31.4	31.6	24.5	29.7
% convicted on same charge	73.4	73.1	71.0	65.4
SAFETY RESTRAINTS (V&T 1229c)	1,682	2,075	1,751	2,217
% of total tickets	8.4	9.4	8.9	9.7
% convicted on same charge	81.5	76.2	79.7	76.8
IMPAIRED DRIVING (V&T 1192)	569	669	512	460
% of total tickets	2.8	3.0	2.6	2.0
PERSONS ARRESTED*	553	663	505	452
% arrested as result of patrol activity**	84.8	85.8	85.5	83.9
% arrested as result of crash	13.2	12.5	13.3	13.9
% arrested as result of <i>other means</i> ***	2.0	1.7	1.2	2.2
TOTAL TICKETS FOR ALL V&T VIOLATIONS	19,996	22,123	19,614	22,884

* 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.

CHEMUNG COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=553)	(N=663)	(N=505)	(N=452)
Case adjudicated	98.0%	95.6%	88.1%	93.4%
Case pending	2.0%	4.4%	11.9%	6.6%
Disposition of Adjudicated Cases*	(N=542)	(N=634)	(N=445)	(N=422)
<i>Convicted on Alcohol Charge</i>	94.3%	93.2%	92.3%	94.3%
Convicted on original alcohol charge	24.5%	29.0%	18.4%	23.0%
Convicted on reduced alcohol charge	33.8%	33.4%	39.3%	31.5%
Convicted on other alcohol charge	36.0%	30.8%	34.6%	39.8%
<i>Convicted on Non-Alcohol Charge</i>	3.3%	2.8%	2.0%	3.3%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	2.4%	4.0%	5.7%	2.4%
* 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.

CHEMUNG COUNTY

DWI/AI Probation Data

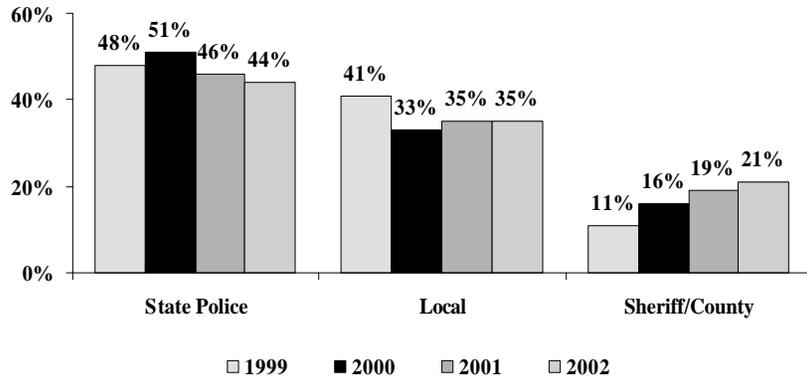
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	87	81	77	87
Number of Persons on Probation*	312	323	344	306

* 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.

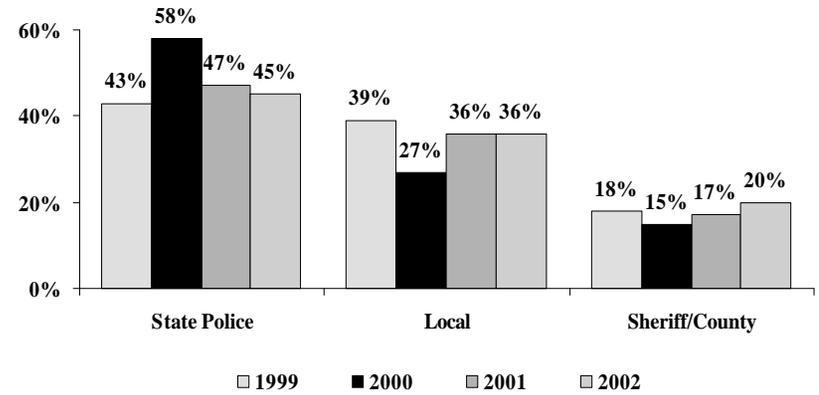
Source: NYS Division of Probation and Correctional Alternatives.

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

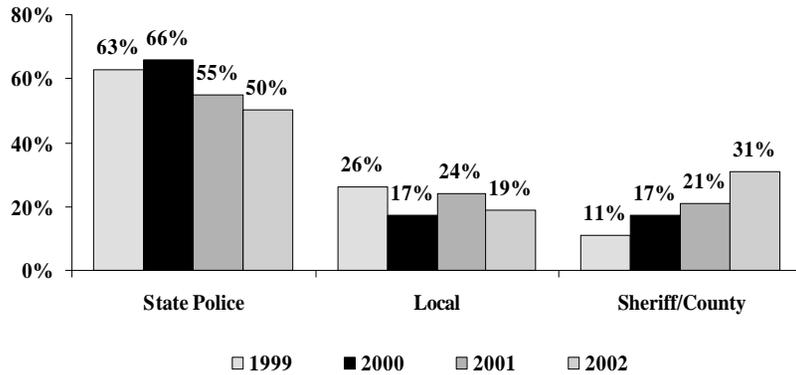
All Tickets



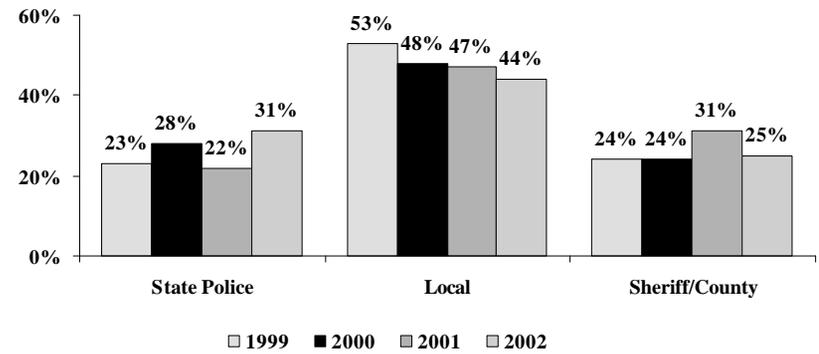
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CHEMUNG 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
Chemung Sheriff NCIC 00700	alcohol	134	30.7	23.5	159	33.3	23.6	159	39.8	31.1	114	36.2	24.9
	speed	672	29.4	10.7	1,211	51.2	17.3	1,022	47.6	21.2	2,116	62.0	31.2
	seatbelt	298	31.3	17.7	159	22.0	7.7	293	31.6	16.7	433	35.4	19.5
Elmira P.D. NCIC 00701	alcohol	170	38.9	29.8	168	35.2	25.0	140	35.1	27.3	115	36.5	25.1
	speed	294	12.8	4.7	168	7.1	2.4	323	15.0	6.7	307	9.0	4.5
	seatbelt	325	34.2	19.3	292	40.4	14.1	268	28.9	15.3	528	43.2	23.8
Elmira Hgts. P.D. NCIC 00721	alcohol	45	10.3	7.9	50	10.5	7.4	46	11.5	9.0	29	9.2	6.3
	speed	112	4.9	1.8	62	2.6	0.9	60	2.8	1.2	102	3.0	1.5
	seatbelt	90	9.5	5.4	136	18.8	6.6	139	15.0	7.9	134	11.0	6.0
Horseheads P.D. NCIC 00722	alcohol	71	16.2	12.4	70	14.7	10.4	37	9.3	7.2	36	11.4	7.9
	speed	1,045	45.7	16.7	707	29.9	10.1	594	27.7	12.3	622	18.2	9.2
	seatbelt	192	20.2	11.4	106	14.7	5.1	209	22.5	11.9	112	9.2	5.1
Town of Elmira Trf. Dist 1 NCIC 00725	alcohol	15	3.4	2.6	21	4.4	3.1	14	3.5	2.7	18	5.7	3.9
	speed	134	5.9	2.1	172	7.3	2.5	131	6.1	2.7	233	6.8	3.4
	seatbelt	21	2.2	1.2	9	1.2	0.4	18	1.9	1.0	14	1.1	0.6
Southport Town P.D. NCIC 00758	alcohol	2	0.5	0.4	9	1.9	1.3	3	0.8	0.6	3	1.0	0.7
	speed	31	1.4	0.5	43	1.8	0.6	18	0.8	0.4	31	0.9	0.5
	seatbelt	25	2.6	1.5	20	2.8	1.0	1	0.1	0.1	1	0.1	<0.1

CHEMUNG 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
Totals by Agency Type													
Sheriff and Local	alcohol	437		76.5	477		70.9	399		77.9	315		68.8
	speed	2,288		36.5	2,363		33.7	2,148		44.6	3,411		50.2
	seatbelt	951		56.5	722		34.8	928		53.0	1,222		55.1
State Police	alcohol	134		23.5	194		28.8	113		22.1	143		31.2
	speed	3,987		63.5	4,644		66.3	2,662		55.3	3,377		49.7
	seatbelt	731		43.5	1,350		65.1	822		47.0	994		44.9
Other incl. Park Police	alcohol	0		0.0	2		0.3	0		0.0	0		0.0
	speed	0		0.0	0		0.0	1		<0.1	3		<0.1
	seatbelt	0		0.0	3		0.1	0		0.0	0		0.0
County Totals													
	alcohol	571			673			512			458		
	speed	6,275			7,007			4,811			6,791		
	seatbelt	1,682			2,075			1,750			2,216		

Source: NYSDMV