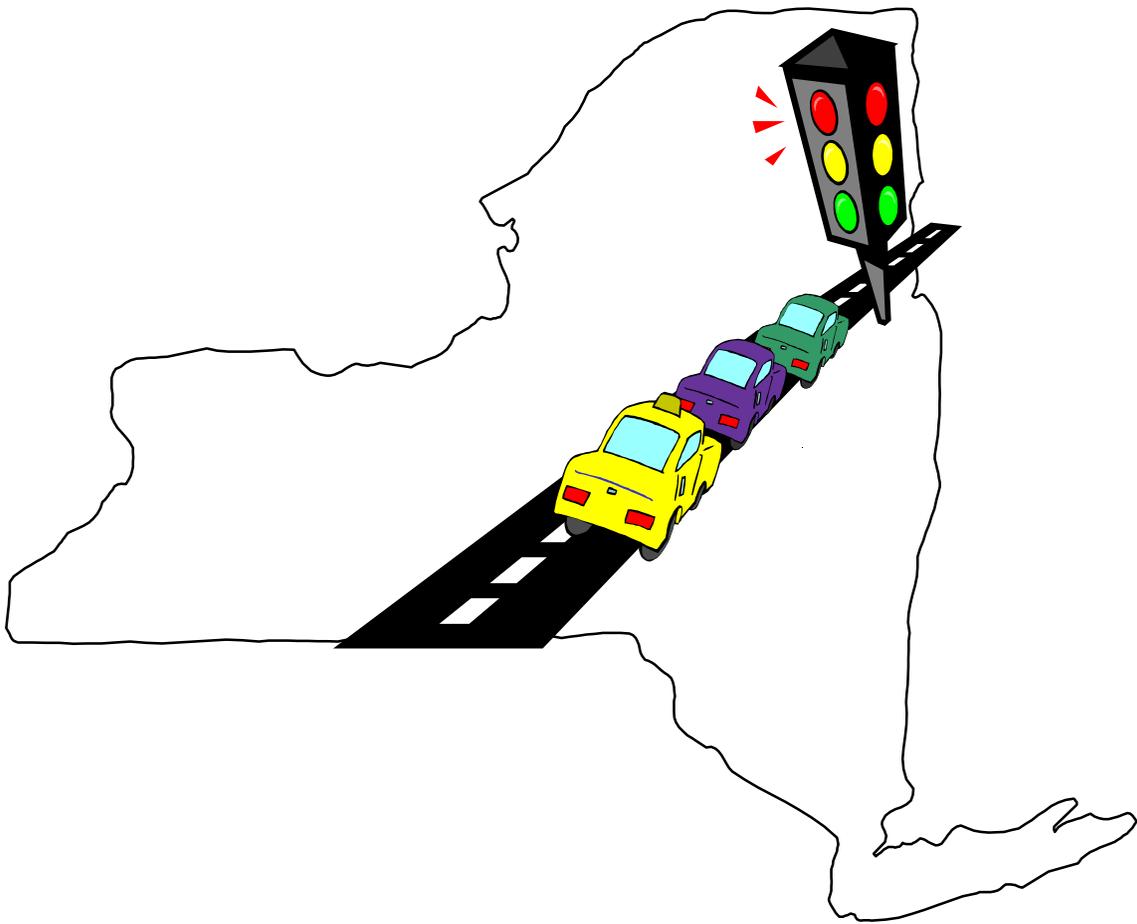


TOMPKINS COUNTY

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

February 2005

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

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

Albany
Bronx
Columbia
Fulton
Greene
Herkimer
Kings
Montgomery
Nassau
New York
Rensselaer
Richmond
Queens
Saratoga
Schenectady
Schoharie
Suffolk
Washington

Clinton
Dutchess
Essex
Franklin
Hamilton
Jefferson
Lewis
Orange
Putnam
Rockland
Sullivan
St. Lawrence
Ulster
Warren
Westchester

Cayuga
Chemung
Cortland
Livingston
Madison
Monroe
Oneida
Onondaga
Ontario
Oswego
Schuyler
Seneca
Steuben
Wayne
Yates

Allegany
Broome
Cattaraugus
Chautauqua
Chenango
Delaware
Erie
Genesee
Niagara
Orleans
Otsego
Tioga
Tompkins
Wyoming

TABLE OF CONTENTS

COUNTY DATA

	Page
Crash Data (Crashes, Fatalities & Injuries): 1999-2002.....	C-1
Crash and Fatality & Injury Rates: 1999-2002.....	C-2
Selected Contributing Factors in Crashes: 1999-2002	C-3
Reported Safety Restraint Use in Crashes: 1999-2002.....	C-3
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group: 2002	C-4
Pedestrians Killed or Injured by Age Group: 2002	C-5
Bicyclists Killed or Injured by Age Group: 2002.....	C-5
Alcohol-Related Crash Data: 1999-2002	C-6
Licensed Drivers, Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group: 2002.....	C-7
TSLE&D Tickets Issued and Conviction Rates for Selected V&T Violations: 2000-2003	C-8
Adjudication Status of Impaired Driving Cases & Conviction Rates TSLE&D Agencies: 2000-2003.....	C-9
DWI/AI Probation Data: 2000-2003	C-9
V&T Tickets Issued by TSLE&D Agencies by Agency Type: 2000-2003	C-10
TSLE&D Tickets Issued for Selected Violations by Enforcement Agency: 2000-2003	C-11

TOMPKINS COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	2,182		2,561		1,988 *		1,086 *	
Fatal	5	0.2	6	0.2	7	0.4	8	0.7
Personal Injury	715	32.8	740	28.9	640	32.2	671	61.8
Property Damage*	1,462	67.0	1,815	70.9	1,341 *	67.5	407 *	37.5
SELECTED CRASH TYPES (events)								
Pedestrian crashes	31	1.4	21	0.8	29	1.5	23	2.1
Bicycle crashes	24	1.1	21	0.8	24	1.2	19	1.7
Motorcycle crashes	20	0.9	25	1.0	21	1.1	23	2.1
TOTAL FATALITIES (persons)	7		6		7		10	
Drivers	4	57.1	4	66.7	7	100	7	70.0
Passengers	2	28.6	1	16.7	0	0.0	3	30.0
Pedestrians	1	14.3	1	16.7	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	972		998		867		851	
Drivers	630	64.8	677	67.8	568	65.5	569	66.9
Passengers	287	29.5	278	27.9	242	27.9	237	27.8
Pedestrians	30	3.1	21	2.1	30	3.5	25	2.9
Bicyclists	24	2.5	21	2.1	24	2.8	19	2.2

* 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.

TOMPKINS COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	223.44	265.39	206.01*	108.76*
Crash Rate per 10,000 Licensed Drivers	381.94	438.29	333.42*	179.57*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	102.20	106.73	92.64	93.63
Fatality & Injury Rate per 10,000 Licensed Drivers	174.69	176.27	149.94	154.60
MEAN SEVERITY OF INJURY (MSI)	1.410	1.427	1.379	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.

TOMPKINS COUNTY
SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	2,006		2,336		1,856		716	
Alcohol involvement	53	2.6	70	3.0	60	3.2	42	5.9
Unsafe speed	201	10.0	266	11.4	185	10.0	116	16.2
Driver inattention/distraction**	343	17.1	328	14.0	238	12.8	118	16.5
Failure to yield right-of-way	299	14.9	342	14.6	259	14.0	125	17.5
Following too closely	235	11.7	276	11.8	231	12.4	130	18.2
Improper passing/lane usage	114	5.7	118	5.1	78	4.2	22	3.1
Traffic control disregarded	100	5.0	113	4.8	65	3.5	28	3.9
Unsafe lane changing	69	3.4	77	3.3	67	3.6	23	3.2

* 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: 1999-2000 NYSDMV county MV-144A, Table 13(P).
 2001-2002 NYSDMV AIS Data Base.

TOMPKINS COUNTY
REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants	K&A Occupants						
	%	%	%	%	%	%	%	%
	4,689	90	5,165	94	4,211	65	1,764	73
No restraint used	4.3	36.7	4.7	21.3	3.0	13.8	4.1	13.7
Restraint used	88.3	58.9	93.4	71.3	88.8	78.5	91.3	75.3
Restraint use unspecified	7.4	4.4	2.0	7.4	8.3	7.7	4.5	11.0

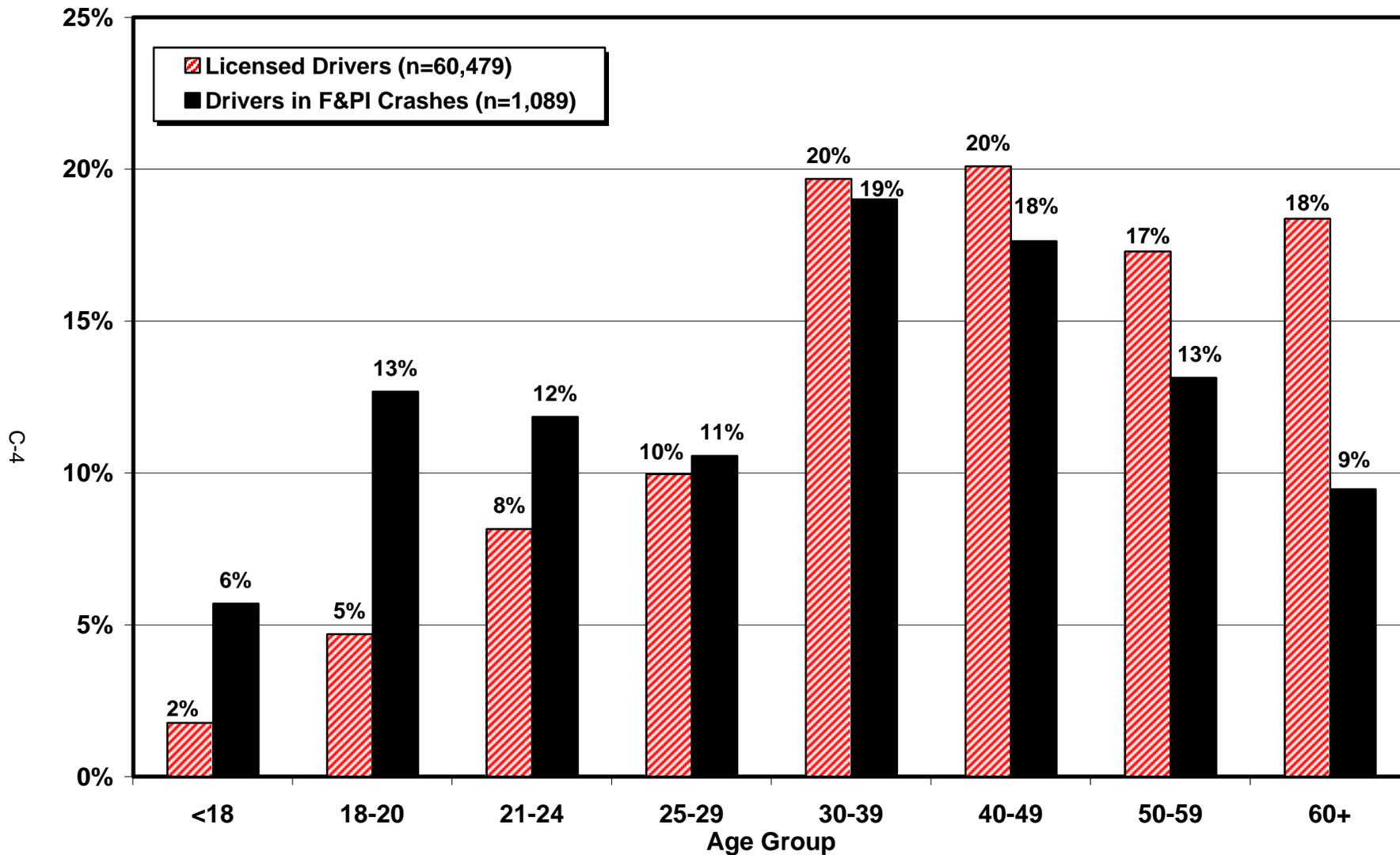
* Police-reported crashes only.

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.

Tompkins County 2002

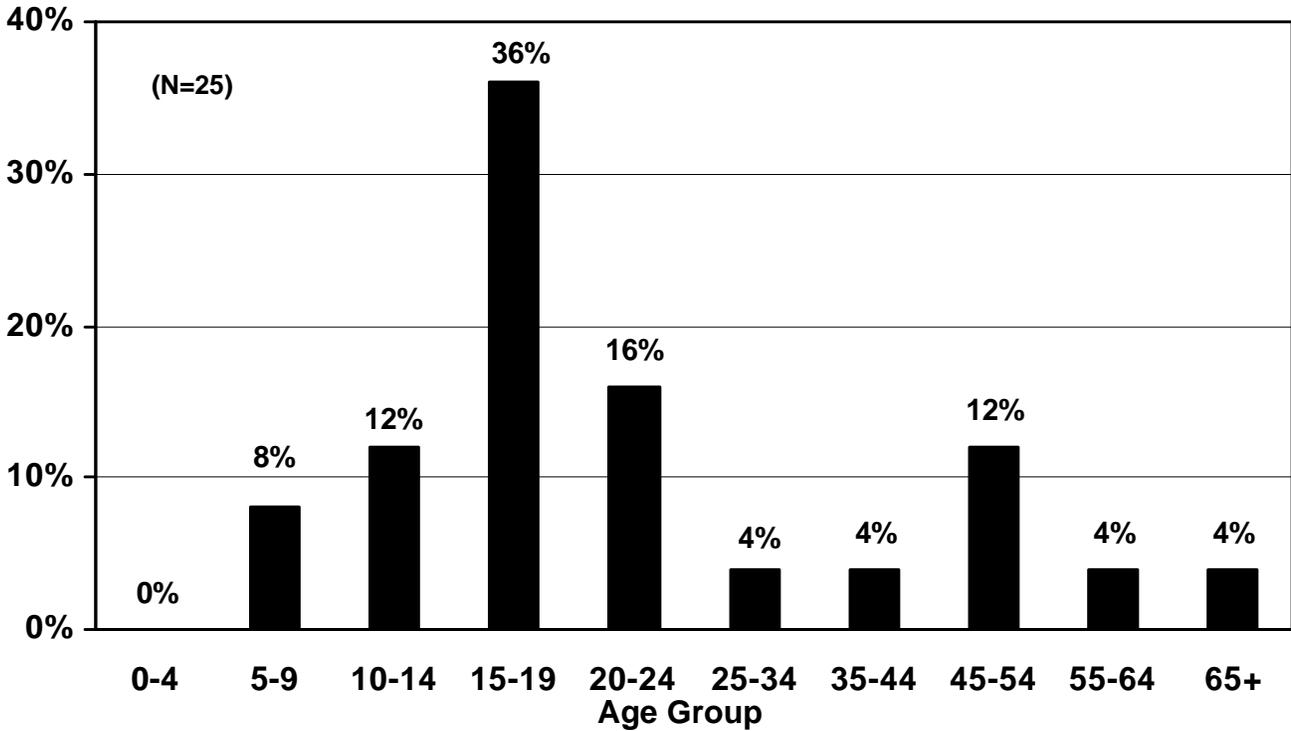
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

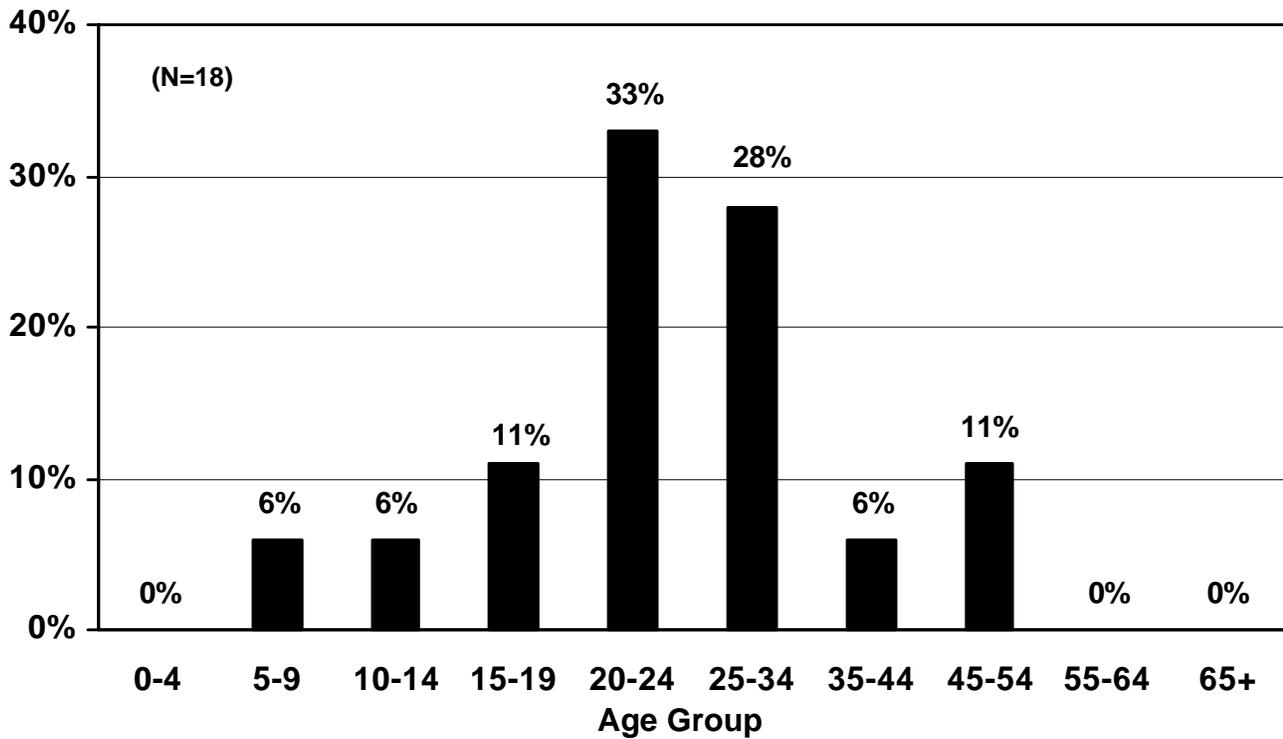
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

TOMPKINS COUNTY
ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	2,006	2,336	1,856	716
Alcohol-related crashes	54	73	60	44
% of total crashes	2.7	3.1	3.2	6.1
FATAL CRASHES (events)	5	6	7	8
Alcohol-related fatal crashes	1	1	3	2
% of fatal crashes	20.0	16.7	42.9	25.0
PERSONAL INJURY CRASHES (events)	696	716	623	613
Alcohol-related injury crashes	32	39	33	40
% of injury crashes	4.6	5.4	5.3	6.5
TOTAL FATALITIES (persons)	7	6	7	10
Alcohol-related fatalities	1	1	3	4
% of total fatalities	14.3	16.7	42.9	40.0
TOTAL INJURIES (persons)	972	998	867	851
Alcohol-related injuries	42	58	50	62
% of total injuries	4.3	5.8	5.8	7.3

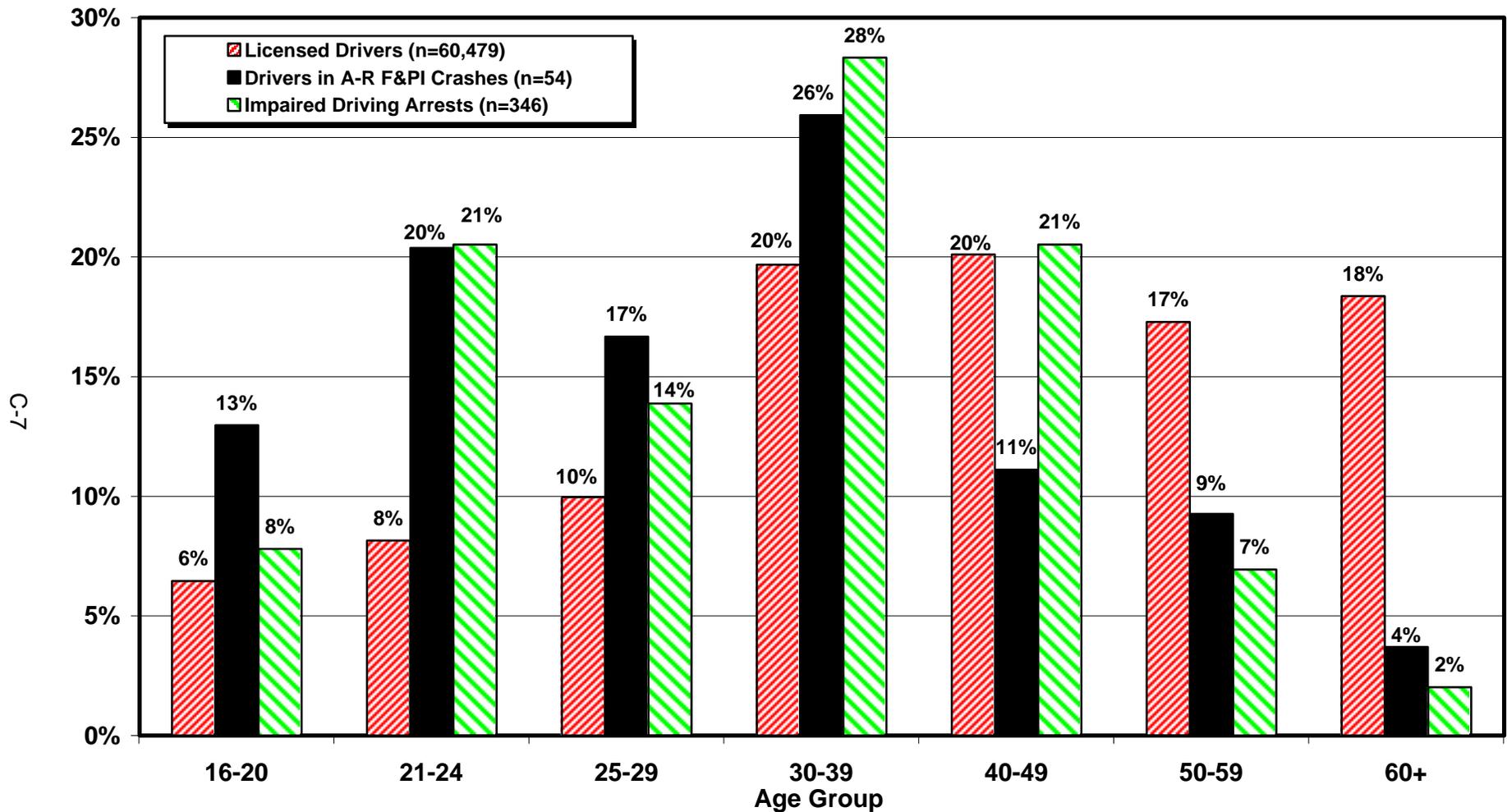
* Police-reported crashes only.

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.

Tompkins 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.

TOMPKINS COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	5,254	4,353	5,135	4,464
% of total tickets	26.7	25.3	28.4	24.3
% convicted on same charge	85.2	80.6	77.3	66.6
SAFETY RESTRAINTS (V&T 1229c)	2,745	2,186	2,321	2,185
% of total tickets	14.0	12.7	12.8	11.9
% convicted on same charge	84.5	82.9	77.7	69.1
IMPAIRED DRIVING (V&T 1192)	676	659	521	589
% of total tickets	3.4	3.8	2.9	3.2
PERSONS ARRESTED*	440	414	346	354
% arrested as result of patrol activity**	90.0	87.7	87.3	89.5
% arrested as result of crash	8.6	11.6	11.9	9.9
% arrested as result of <i>other means</i> ***	1.4	0.7	0.9	0.6
TOTAL TICKETS FOR ALL V&T VIOLATIONS	19,647	17,238	18,067	18,384

* 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.

TOMPKINS COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=440)	(N=414)	(N=346)	(N=354)
Case adjudicated	90.5%	76.3%	89.9%	78.0%
Case pending	9.5%	23.7%	10.1%	22.0%
Disposition of Adjudicated Cases*	(N=398)	(N=316)	(N=311)	(N=276)
Convicted on Alcohol Charge	92.0%	90.5%	93.8%	97.1%
Convicted on original alcohol charge	27.9%	43.7%	39.2%	48.9%
Convicted on reduced alcohol charge	57.3%	38.9%	36.0%	30.4%
Convicted on other alcohol charge	6.8%	7.9%	18.6%	17.8%
Convicted on Non-Alcohol Charge	0.0%	0.0%	0.0%	0.4%
Dismissed/Acquitted/Convicted on charge associated with different event	8.0%	9.5%	6.2%	2.5%
* 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.

TOMPKINS COUNTY

DWI/AI Probation Data

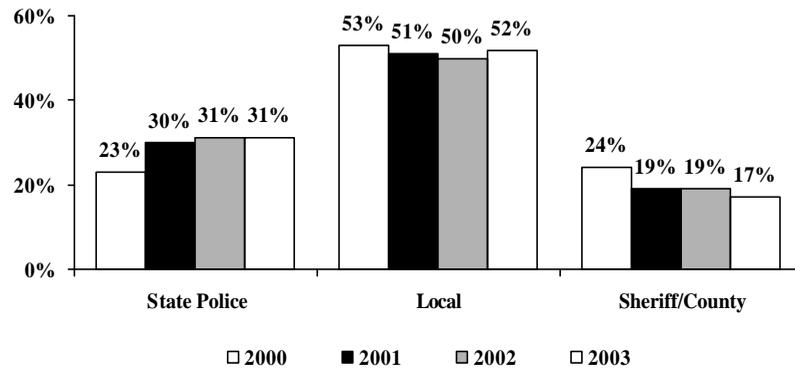
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	69	66	91	81
Number of Persons on Probation*	217	262	231	204

* 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.

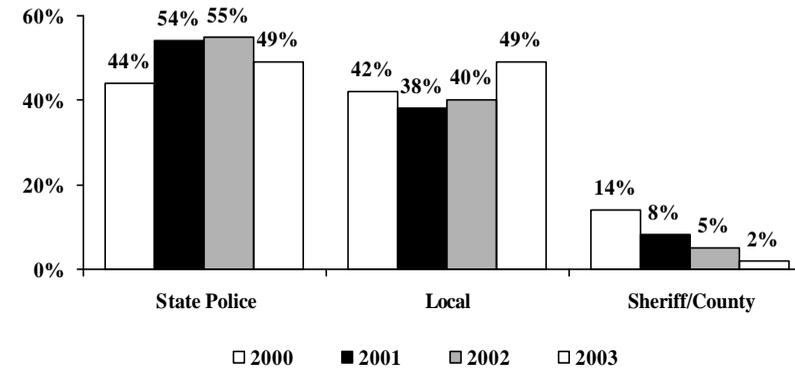
Source: NYS Division of Probation and Correctional Alternatives.

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

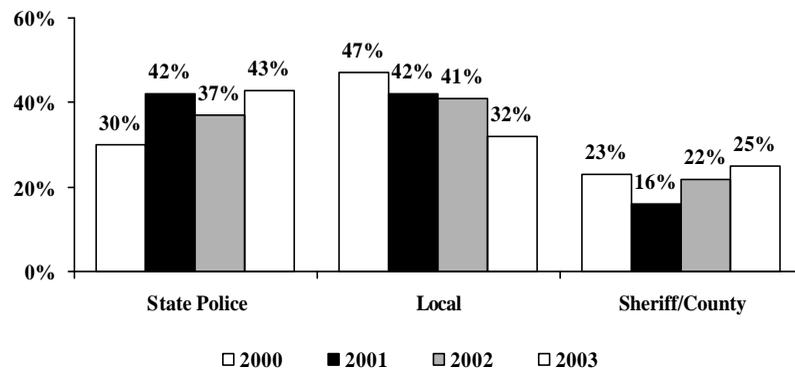
All Tickets



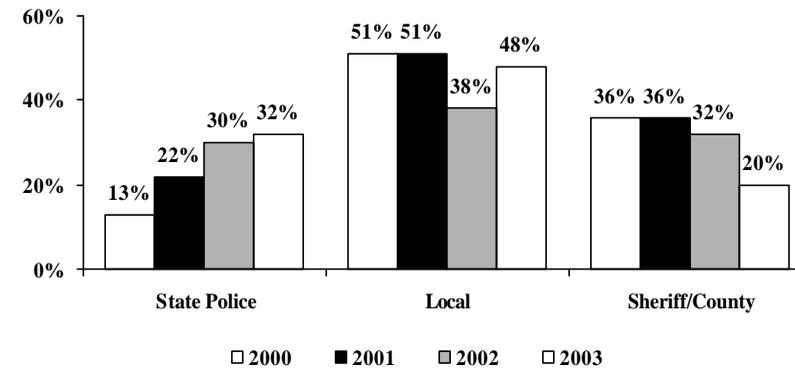
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TOMPKINS 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
Tompkins Sheriff NCIC 05400	alcohol	246	41.8	36.2	190	34.4	30.0	187	46.3	36.0	129	31.6	21.9
	speed	1,201	32.5	22.7	700	27.6	16.1	1,123	35.0	21.9	1,117	43.6	25.0
	seatbelt	398	26.1	14.4	176	17.7	8.1	104	10.2	4.5	43	4.1	2.0
Ithaca P.D. NCIC 05401	alcohol	221	37.5	32.5	231	41.8	36.4	100	24.8	19.2	125	30.6	21.2
	speed	763	20.6	14.4	555	21.9	12.8	863	26.9	16.8	432	16.9	9.7
	seatbelt	446	29.3	16.1	227	22.8	10.5	164	16.0	7.1	72	6.9	3.3
Cornell University P.D. NCIC 05411	alcohol	40	6.8	5.9	41	7.4	6.5	25	6.2	4.8	37	9.1	6.3
	speed	188	5.1	3.5	176	6.9	4.0	171	5.3	3.3	141	5.5	3.2
	seatbelt	145	9.5	5.2	306	30.7	14.1	416	40.7	17.9	582	55.8	26.6
Dryden P.D. NCIC 05420	alcohol	14	2.4	2.1	15	2.7	2.4	19	4.7	3.7	19	4.7	3.2
	speed	596	16.1	11.2	431	17.0	9.9	400	12.5	7.8	275	10.7	6.2
	seatbelt	216	14.2	7.8	106	10.6	4.9	104	10.2	4.5	72	6.9	3.3
Groton P.D. NCIC 05422	alcohol	23	3.9	3.4	14	2.5	2.2	10	2.5	1.9	17	4.2	2.9
	speed	76	2.1	1.4	64	2.5	1.5	49	1.5	1.0	25	1.0	0.6
	seatbelt	106	7.0	3.8	26	2.6	1.2	20	2.0	0.9	17	1.6	0.8
Trumansburg P.D. NCIC 05424	alcohol	27	4.6	4.0	41	7.4	6.5	51	12.6	9.8	64	15.7	10.9
	speed	188	5.1	3.5	147	5.8	3.4	185	5.8	3.6	269	10.5	6.0
	seatbelt	162	10.6	5.9	141	14.2	6.5	84	8.2	3.6	130	12.5	5.9

TOMPKINS 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
Cayuga Hgts. P.D. NCIC 05425	alcohol	17	2.9	2.5	13	2.4	2.1	11	2.7	2.1	12	2.9	2.0
	speed	536	14.5	10.1	410	16.1	9.4	243	7.6	4.7	133	5.2	3.0
	seatbelt	43	2.8	1.6	13	1.3	0.6	38	3.7	1.6	39	3.7	1.8
Finger Lakes St. Park Police NCIC 05490	alcohol	1	0.2	0.1	7	1.3	1.1	1	0.2	0.2	5	1.2	0.8
	speed	147	4.0	2.8	56	2.2	1.3	175	5.5	3.4	170	6.6	3.8
	seatbelt	7	0.5	0.3	1	0.1	<0.1	92	9.0	4.0	88	8.4	4.0
Totals by Agency Type													
Sheriff and Local	alcohol	589		86.7	552		87.1	404		77.7	408		69.3
	speed	3,695		69.7	2,539		58.3	3,209		62.5	2,562		57.4
	seatbelt	1,523		55.1	996		46.0	1,022		44.1	1,043		47.7
State Police	alcohol	86		12.7	81		12.8	106		20.4	162		27.5
	speed	1,605		30.3	1,813		41.7	1,917		37.3	1,901		42.6
	seatbelt	1,226		44.4	1,171		54.0	1,278		55.1	1,070		49.0
Other incl. Ithaca College	alcohol	4		0.6	1		0.2	10		1.9	19		3.2
	speed	2		<0.1	0		0.0	7		0.1	1		<0.1
	seatbelt	15		0.5	0		0.0	19		0.8	72		3.3
County Totals													
	alcohol	679			634			520			589		
	speed	5,302			4,352			5,133			4,464		
	seatbelt	2,764			2,167			2,319			2,185		

Source: NYSDMV