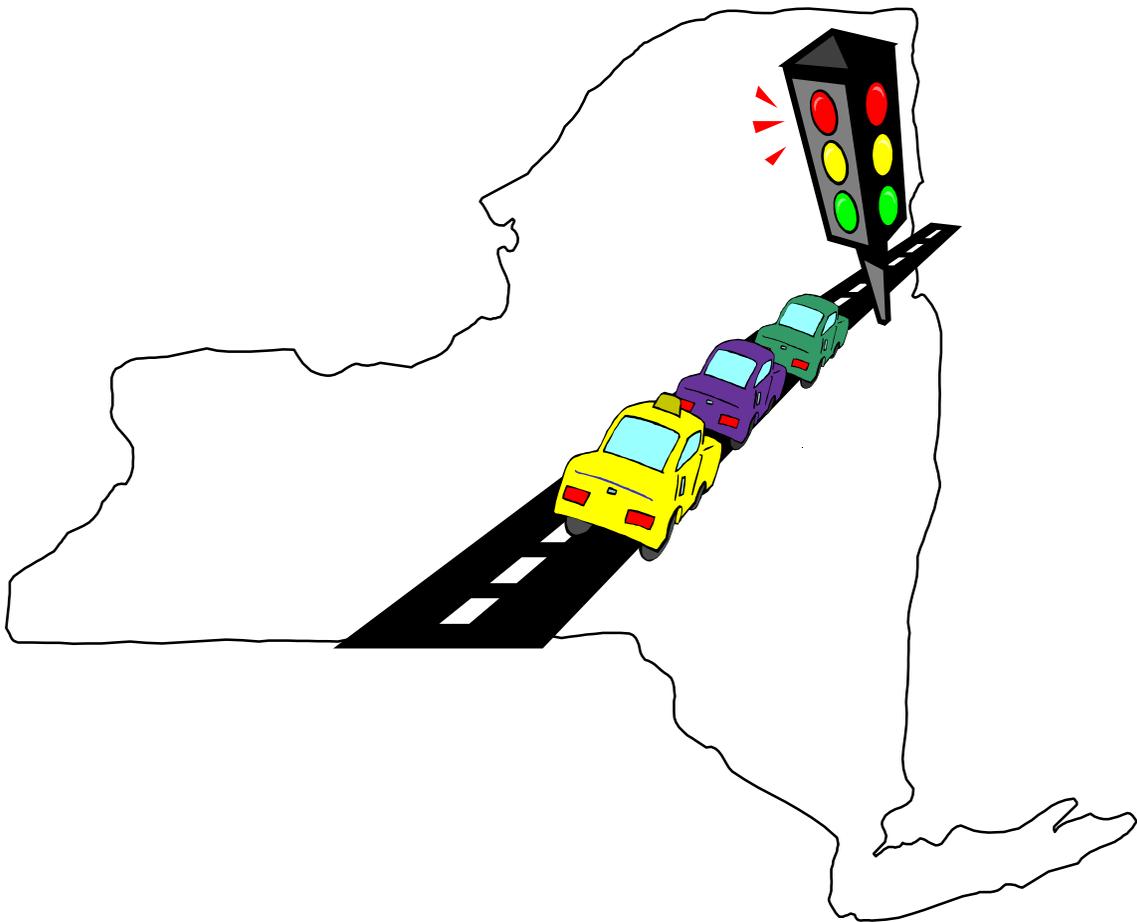


MADISON COUNTY

TRAFFIC SAFETY DATA



Prepared by

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February 2004

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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MADISON COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	1,199 *		1,390 *		1,689 *		1,309 *	
Fatal	17	1.4	10	0.7	9	0.5	12	0.9
Personal Injury	492	41.0	492	35.4	552	32.7	461	35.2
Property Damage*	690 *	57.5	888 *	63.9	1,128 *	66.8	836 *	63.9
SELECTED CRASH TYPES (events)								
Pedestrian crashes	22	1.8	16	1.2	17	1.0	15	1.1
Bicycle crashes	5	0.4	10	0.7	17	1.0	12	0.9
Motorcycle crashes	15	1.3	22	1.6	18	1.1	22	1.7
TOTAL FATALITIES (persons)	20		11		9		12	
Drivers	14	70.0	7	63.6	6	66.7	9	75.0
Passengers	4	20.0	3	27.3	3	33.3	2	16.7
Pedestrians	2	10.0	1	9.1	0	0.0	1	8.3
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	736		721		751		632	
Drivers	453	61.5	460	63.8	513	68.3	432	68.4
Passengers	256	34.8	237	32.9	201	26.8	175	27.7
Pedestrians	21	2.9	14	1.9	18	2.4	14	2.2
Bicyclists	5	0.7	10	1.4	16	2.1	11	1.7

* 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.

MADISON COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	168.71	195.43	243.23	187.77
Crash Rate per 10,000 Licensed Drivers	248.94	287.73	344.20	264.70
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	109.47	106.85	113.48	93.09
Fatality & Injury Rate per 10,000 Licensed Drivers	161.53	157.32	160.58	131.24
MEAN SEVERITY OF INJURY (MSI)	1.530	1.470	1.449	1.470

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

MADISON COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	1,080		1,264		1,542		1,216	
Alcohol involvement	67	6.2	60	4.7	71	4.6	43	3.5
Unsafe speed	245	22.7	271	21.4	343	22.2	247	20.3
Driver inattention/distraction**	119	11.0	114	9.0	159	10.3	130	10.7
Failure to yield right-of-way	167	15.5	184	14.6	201	13.0	180	14.8
Following too closely	113	10.5	103	8.1	130	8.4	135	11.1
Improper passing/lane usage	48	4.4	70	5.5	78	5.1	70	5.8
Traffic control disregarded	32	3.0	35	2.8	31	2.0	32	2.6
Unsafe lane changing	22	2.0	33	2.6	40	2.6	28	2.3

* 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.

MADISON COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	2,563	81	2,828	65	3,170	61	2,690	57
No restraint used	7.9	45.7	5.2	40.0	3.7	26.2	4.5	15.8
Restraint used	83.9	50.6	86.1	55.4	93.1	70.5	88.1	78.9
Restraint use unspecified	8.2	3.7	8.7	4.6	3.2	3.3	7.3	5.3

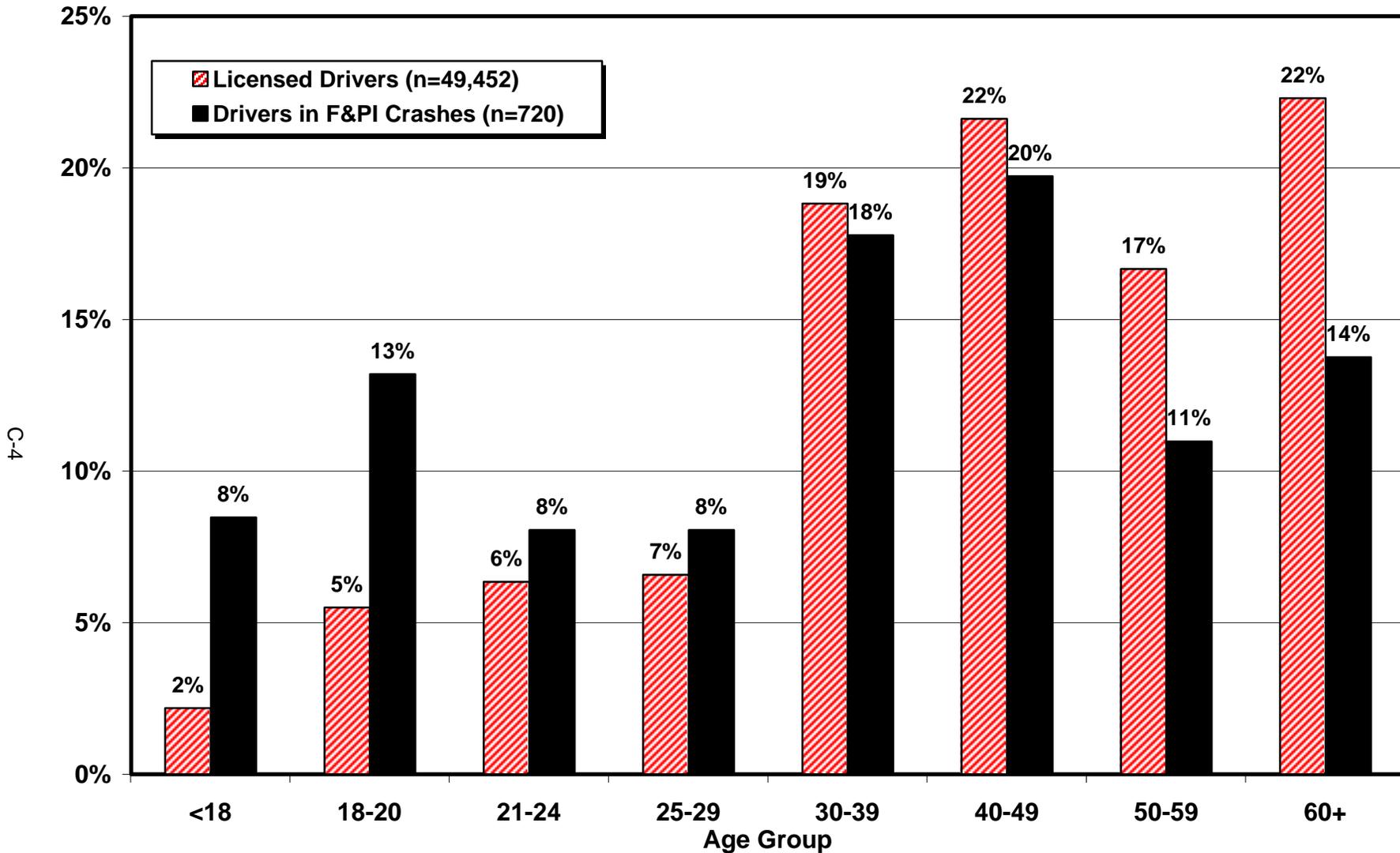
* Police-reported crashes only.

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.

Madison County 2001

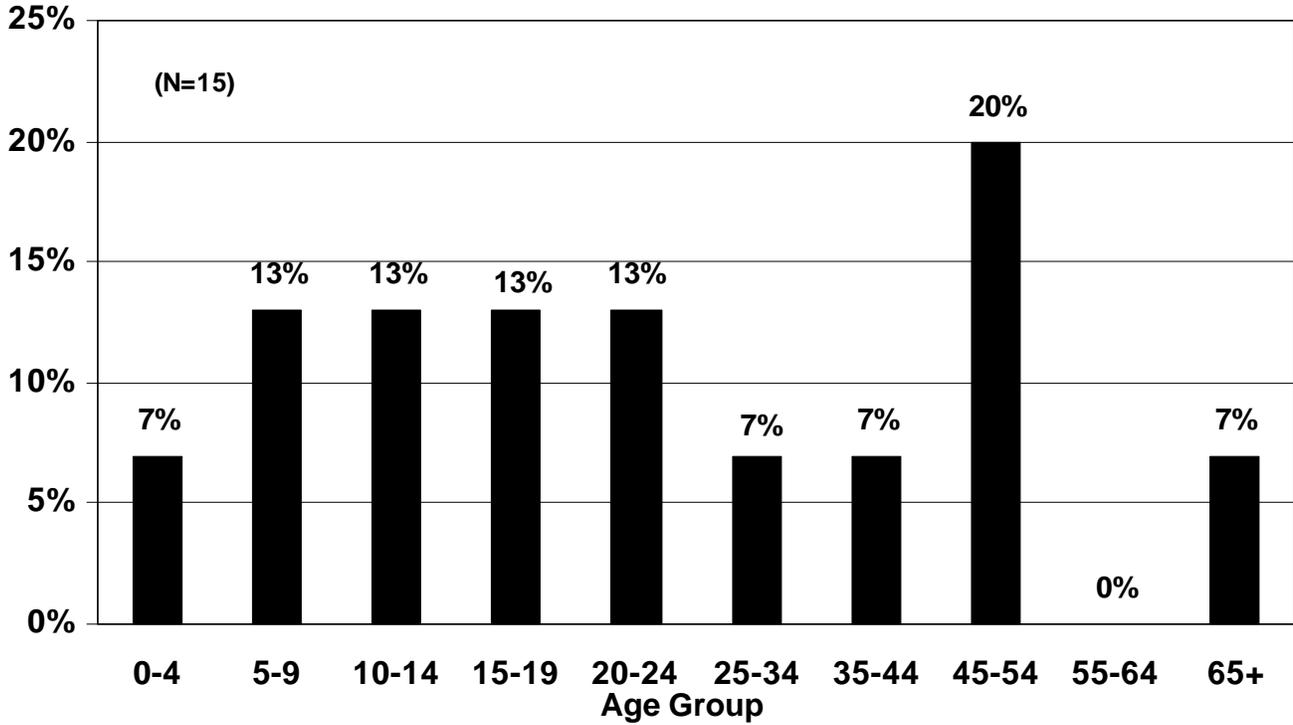
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

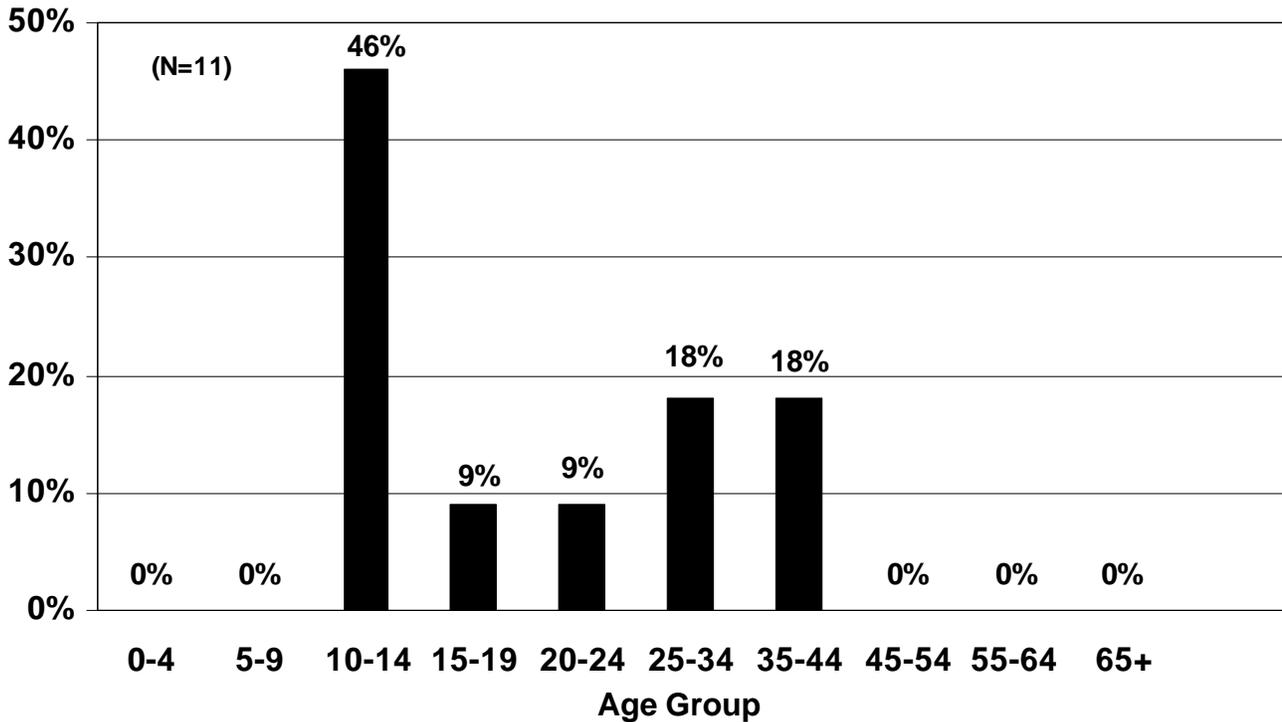
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

MADISON COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	1,080	1,264	1,542	1,216
Alcohol-related crashes	68	62	73	44
% of total crashes	6.3	4.9	4.7	3.6
FATAL CRASHES (events)	17	10	9	12
Alcohol-related fatal crashes	7	2	3	4
% of fatal crashes	41.2	20.0	33.3	33.3
PERSONAL INJURY CRASHES (events)	475	471	532	456
Alcohol-related injury crashes	41	48	49	25
% of injury crashes	8.6	10.2	9.2	5.5
TOTAL FATALITIES (persons)	20	11	9	12
Alcohol-related fatalities	8	3	3	4
% of total fatalities	40.0	27.3	33.3	33.3
TOTAL INJURIES (persons)	736	721	751	632
Alcohol-related injuries	58	73	72	35
% of total injuries	7.9	10.1	9.6	5.5

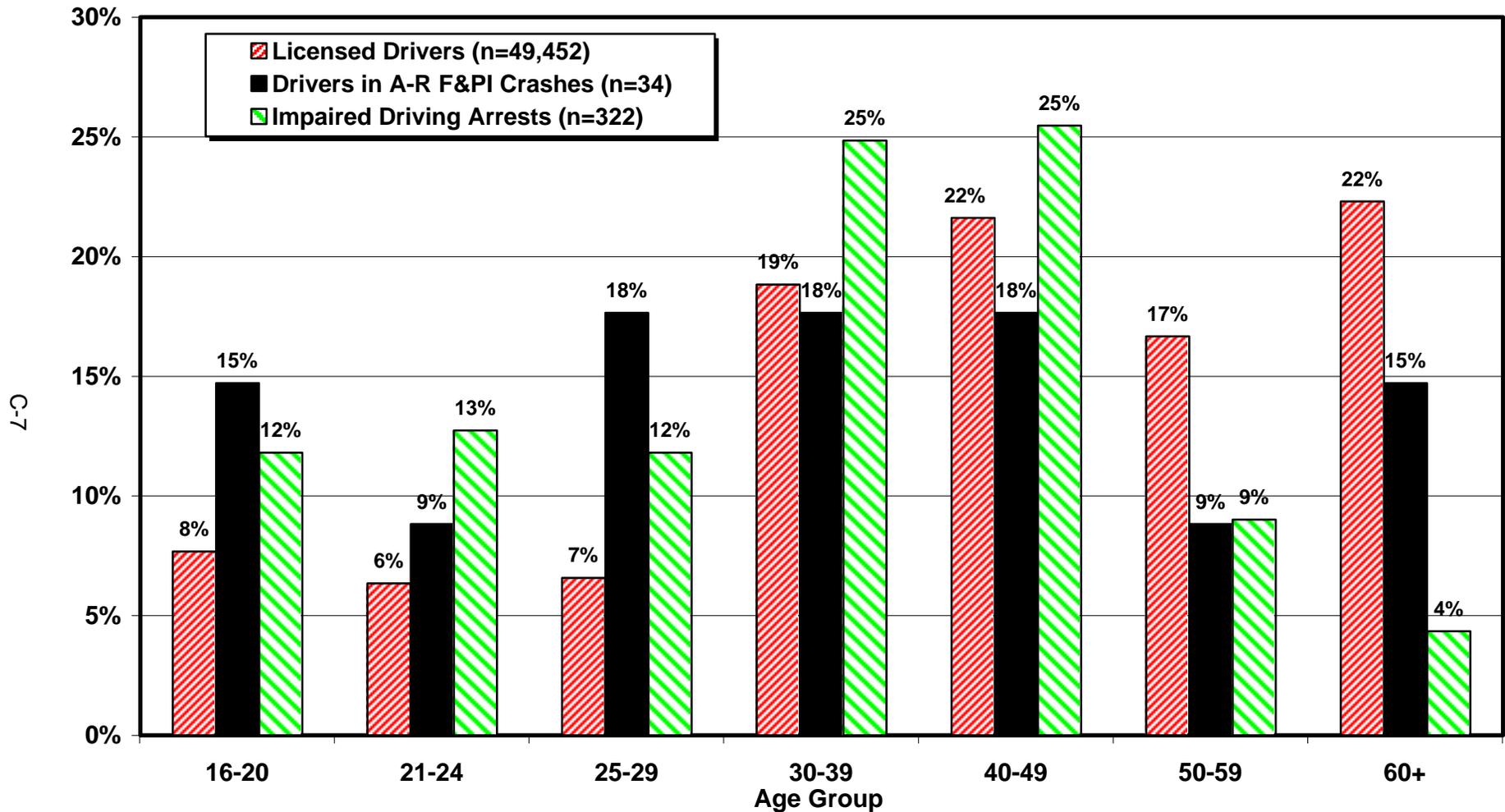
* Police-reported crashes only.

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.

Madison 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.

MADISON COUNTY

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	5,444	5,562	5,508	5,520
% of total tickets	35.3	34.9	36.6	33.0
% convicted on same charge	48.7	48.4	42.4	37.5
SAFETY RESTRAINTS (V&T 1229c)	2,041	2,774	1,791	2,018
% of total tickets	13.2	17.4	11.9	12.1
% convicted on same charge	79.1	79.5	80.3	70.1
IMPAIRED DRIVING (V&T 1192)	478	493	438	481
% of total tickets	3.1	3.1	2.9	2.9
PERSONS ARRESTED*	330	356	322	340
% arrested as result of patrol activity**	80.3	78.4	83.9	81.2
% arrested as result of crash	16.7	19.6	15.5	17.4
% arrested as result of <i>other means</i> ***	3.0	2.0	0.6	1.5
TOTAL TICKETS FOR ALL V&T VIOLATIONS	15,416	15,938	15,051	16,723

* 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.

MADISON COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=330)	(N=356)	(N=322)	(N=340)
Case adjudicated	94.8%	88.8%	73.0%	92.1%
Case pending	5.2%	11.2%	27.0%	7.9%
Disposition of Adjudicated Cases*	(N=313)	(N=316)	(N=235)	(N=313)
Convicted on Alcohol Charge	95.2%	91.7%	93.6%	90.1%
Convicted on original alcohol charge	36.4%	27.5%	23.0%	24.3%
Convicted on reduced alcohol charge	48.6%	56.6%	63.8%	55.9%
Convicted on other alcohol charge	10.2%	7.6%	6.8%	9.9%
Convicted on Non-Alcohol Charge	2.2%	1.9%	2.1%	2.6%
Dismissed/Acquitted/Convicted on charge associated with different event	2.6%	6.4%	4.3%	7.3%
* 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.

MADISON COUNTY

DWI/AI Probation Data

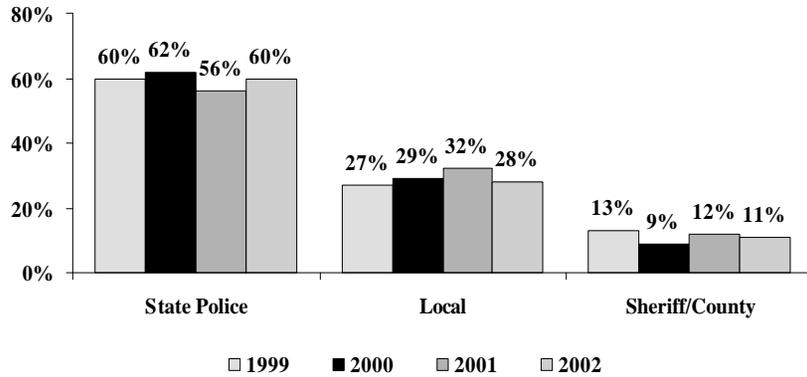
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	49	62	38	45
Number of Persons on Probation*	132	139	116	92

* 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.

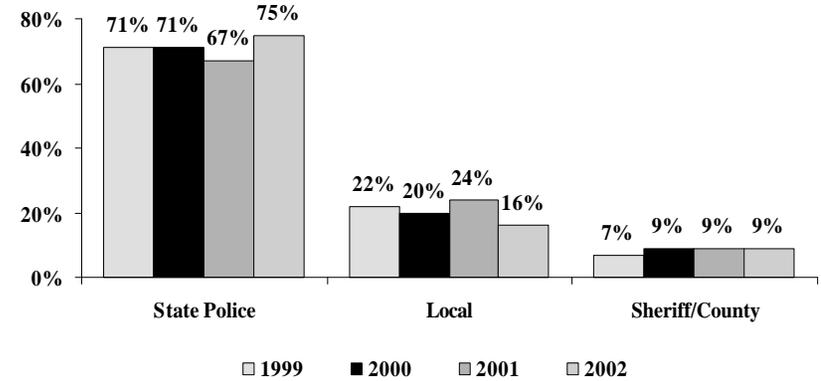
Source: NYS Division of Probation and Correctional Alternatives.

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

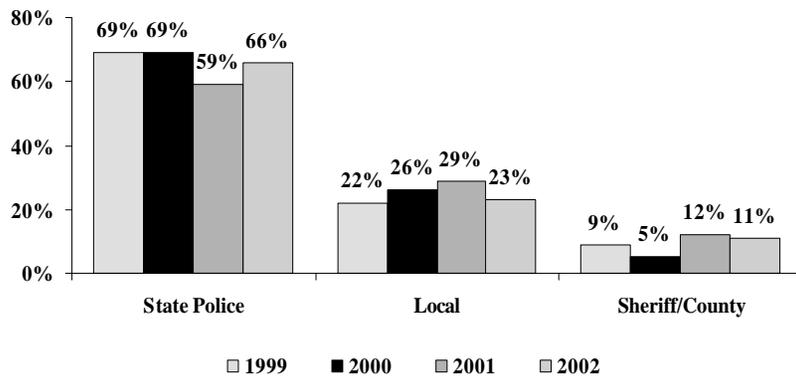
All Tickets



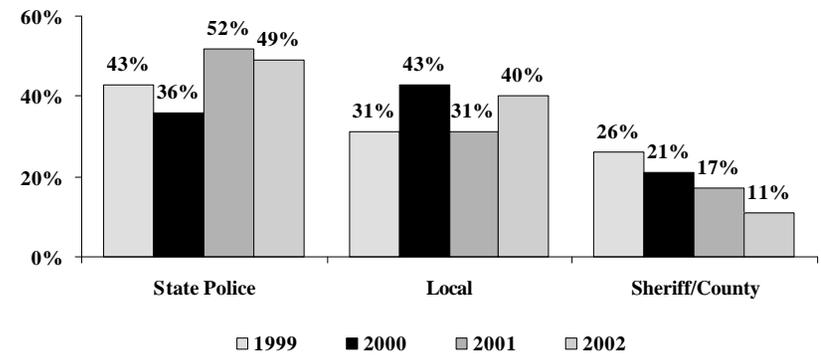
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MADISON 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
Madison Sheriff NCIC 02600	alcohol	153	45.9	32.0	104	32.9	21.0	99	36.7	22.7	65	21.0	13.5
	speed	514	30.4	9.4	293	16.9	5.3	649	29.1	11.8	597	32.9	10.8
	seatbelt	154	25.7	7.6	252	31.9	9.1	163	27.3	9.1	181	36.6	9.0
Oneida City P.D. NCIC 02601	alcohol	77	23.1	16.1	94	29.7	19.0	58	21.5	13.3	140	45.3	29.1
	speed	309	18.3	5.7	290	16.7	5.2	332	14.9	6.0	272	15.0	4.9
	seatbelt	153	25.5	7.5	157	19.9	5.6	84	14.1	4.7	98	19.8	4.9
Cazenovia P.D. NCIC 02621	alcohol	10	3.0	2.1	14	4.4	2.8	17	6.3	3.9	16	5.2	3.3
	speed	177	10.5	3.3	213	12.3	3.8	325	14.6	5.9	94	5.2	1.7
	seatbelt	36	6.0	1.8	40	5.1	1.4	47	7.9	2.6	8	1.6	0.4
Hamilton Vill. P.D. NCIC 02625	alcohol	17	5.1	3.6	33	10.4	6.7	21	7.8	4.8	17	5.5	3.5
	speed	176	10.4	3.2	133	7.7	2.4	104	4.7	1.9	145	8.0	2.6
	seatbelt	60	10.0	3.0	52	6.6	1.9	18	3.0	1.0	7	1.4	0.3
Canastota P.D. NCIC 02626	alcohol	23	6.9	4.8	26	8.2	5.2	31	11.5	7.1	43	13.9	8.9
	speed	91	5.4	1.7	112	6.4	2.0	203	9.1	3.7	159	8.8	2.9
	seatbelt	103	17.2	5.1	103	13.0	3.7	91	15.2	5.1	33	6.7	1.6
Chittenango P.D. NCIC 02629	alcohol	53	15.9	11.1	43	13.6	8.7	44	16.3	10.1	26	8.4	5.4
	speed	420	24.9	7.7	696	40.1	12.5	615	27.6	11.2	547	30.1	9.9
	seatbelt	93	15.5	4.6	181	22.9	6.5	183	30.7	10.2	168	33.9	8.3
SUNY Morrisville NCIC 02604	alcohol	0	0.0	0.0	2	0.6	0.4	0	0.0	0.0	2	0.6	0.4
	speed	2	0.1	<0.1	0	0.0	0.0	1	<0.1	<0.1	3	0.2	0.1
	seatbelt	1	0.2	<0.1	5	0.6	0.2	11	1.8	0.6	0	0.0	0.0

MADISON 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	333	69.7	316	63.7	270	61.8	309	64.2			
	speed	1,689	31.0	1,737	31.2	2,229	40.6	1,817	32.9			
	seatbelt	600	29.5	790	28.4	597	33.3	495	24.6			
State Police	alcohol	145	30.3	178	35.9	166	38.0	167	34.7			
	speed	3,755	69.0	3,816	68.5	3,243	59.0	3,664	66.4			
	seatbelt	1,431	70.5	1,982	71.2	1,193	66.6	1,507	74.8			
Other incl. Park Police	alcohol	0	0.0	2	0.4	1	0.2	5	1.0			
	speed	0	0.0	16	0.3	21	0.4	36	0.7			
	seatbelt	0	0.0	10	0.4	2	0.1	14	0.7			
County Totals												
	alcohol	478		496		437		481				
	speed	5,444		5,569		5,493		5,517				
	seatbelt	2,031		2,782		1,792		2,016				

Source: NYS DMV