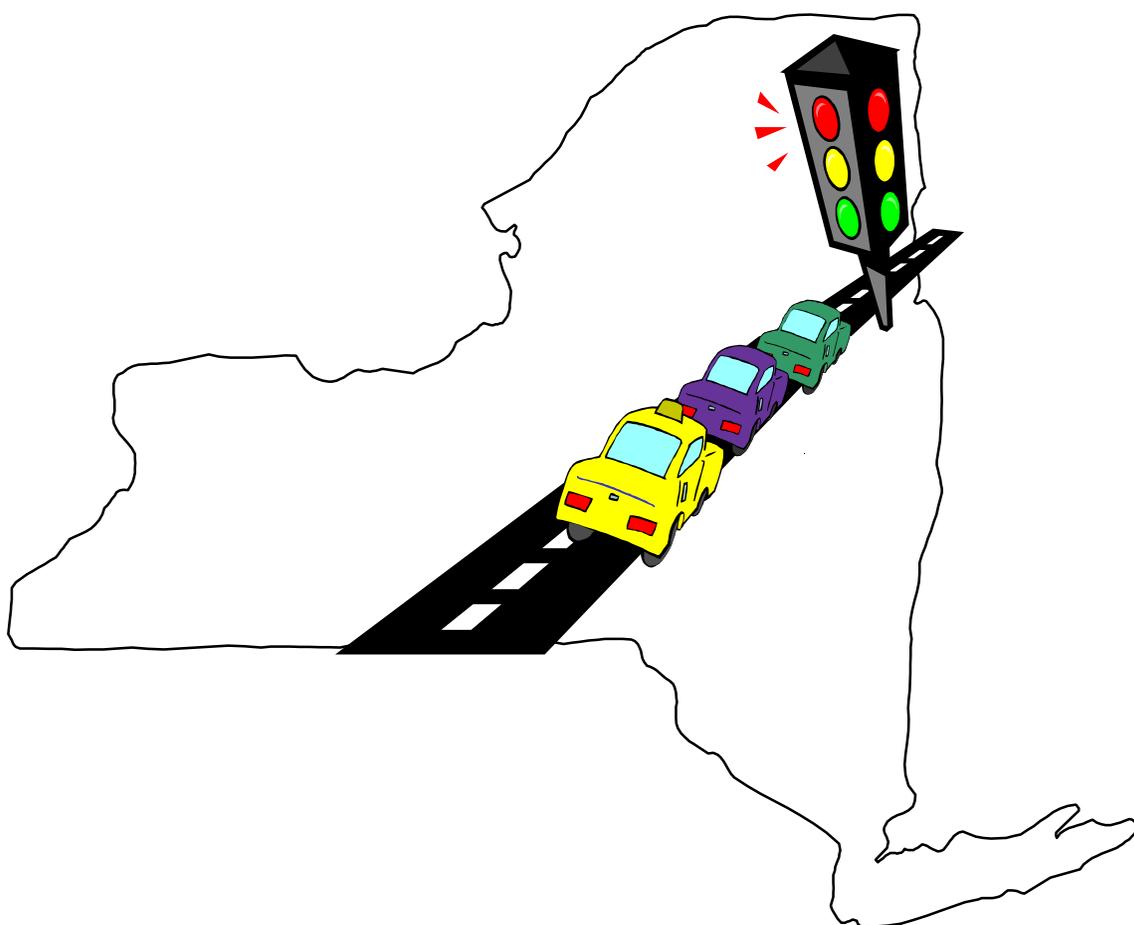


HAMILTON COUNTY

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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HAMILTON COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	118 *		187 *		206 *		159 *	
Fatal	3	2.5	1	0.5	2	1.0	2	1.3
Personal Injury	39	33.1	60	32.1	62	30.1	42	26.4
Property Damage*	76 *	64.4	126 *	67.4	142 *	68.9	115 *	72.3
SELECTED CRASH TYPES (events)								
Pedestrian crashes	1	0.8	3	1.6	2	1.0	1	0.6
Bicycle crashes	0	0.0	0	0.0	0	0.0	0	0.0
Motorcycle crashes	3	2.5	6	3.2	5	2.4	12	7.5
TOTAL FATALITIES (persons)	4		1		2		2	
Drivers	3	75.0	1	100	2	100	2	100
Passengers	1	25.0	0	0.0	0	0.0	0	0
Pedestrians	0	0.0	0	0.0	0	0.0	0	0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0
TOTAL INJURIES** (persons)	60		87		61		54	
Drivers	32	53.3	46	52.9	42	68.9	39	72.2
Passengers	26	43.3	34	39.1	18	29.5	15	27.8
Pedestrians	1	1.7	4	4.6	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0

* 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.

HAMILTON COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	227.23	360.31	382.97	299.60
Crash Rate per 10,000 Licensed Drivers	248.84	390.40	424.48	325.82
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	123.24	183.04	148.73	111.17
Fatality & Injury Rate per 10,000 Licensed Drivers	134.96	198.33	164.85	120.90
MEAN SEVERITY OF INJURY (MSI)	1.922	1.490	1.568	1.763

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

HAMILTON COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	85		134		150		127	
Alcohol involvement	9	10.6	11	8.2	3	2.0	12	9.4
Unsafe speed	27	31.8	35	26.1	64	42.7	37	29.1
Driver inattention/distraction**	5	5.9	9	6.7	15	10.0	5	3.9
Failure to yield right-of-way	4	4.7	10	7.5	13	8.7	4	3.1
Following too closely	4	4.7	3	2.2	4	2.7	5	3.9
Improper passing/lane usage	9	10.6	9	6.7	4	2.7	6	4.7
Traffic control disregarded	0	0.0	1	0.7	1	0.7	0	0.0
Unsafe lane changing	5	5.9	2	1.5	2	1.3	2	1.6

* 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.

HAMILTON COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All	K&A	All	K&A	All	K&A	All	K&A
	Occupants %							
	176	16	265	4	291	5	207	3
No restraint used	14.2	68.8	3.8	0.0	2.7	20.0	4.3	66.7
Restraint used	81.3	25.0	92.5	100	96.6	80.0	87.9	33.3
Restraint use unspecified	4.5	6.3	3.8	0.0	0.7	0.0	7.7	0.0

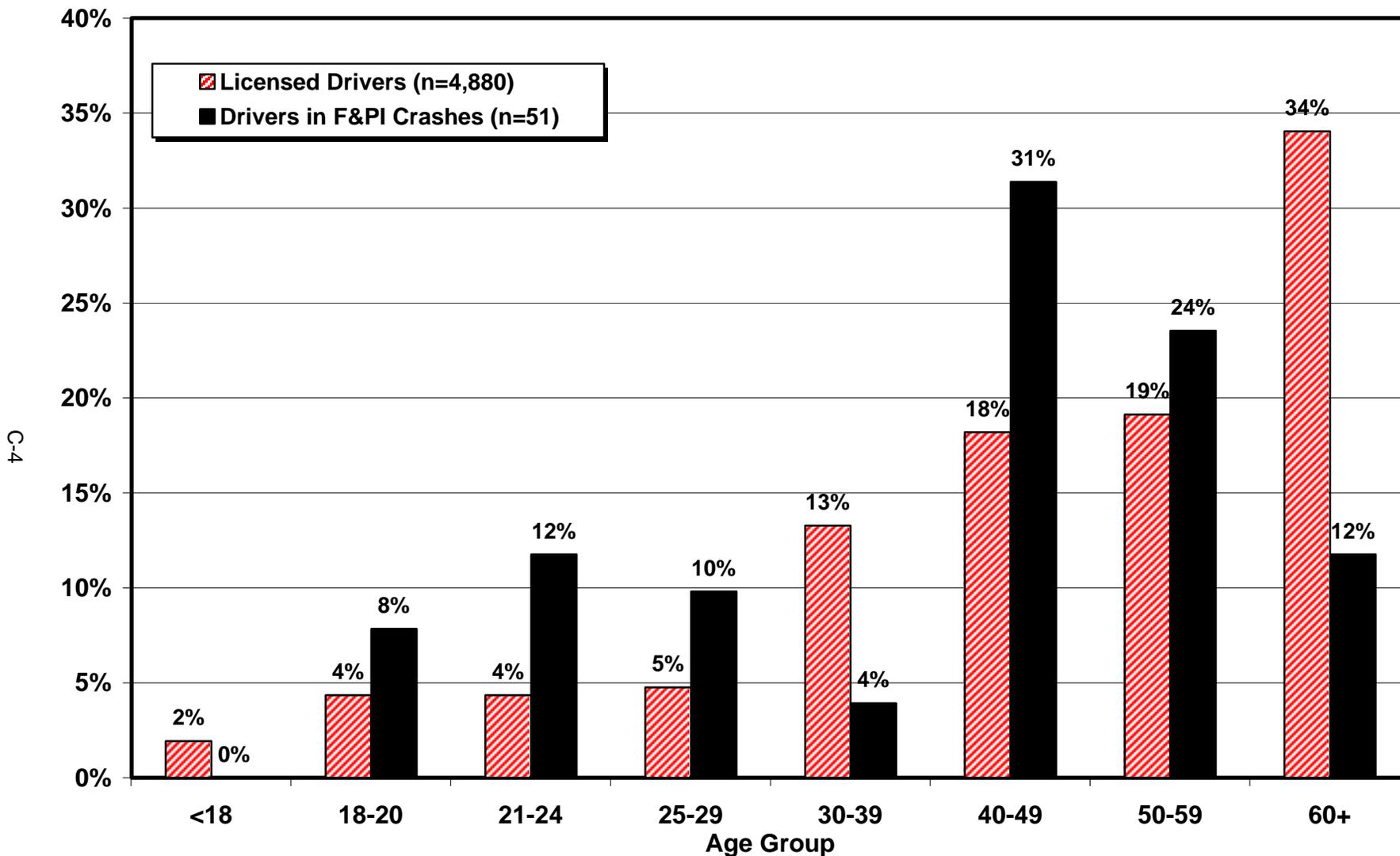
* Police-reported crashes only.

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.

Hamilton 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.

Hamilton County 2001

Pedestrians and Bicyclists Killed or Injured by Age Group

Age Group	Pedestrians	Bicyclists
0 - 4	0	0
5 - 9	0	0
10 - 14	1	0
15 - 19	0	0
20 - 24	0	0
25 - 34	0	0
35 - 44	0	0
45 - 54	0	0
55 - 64	0	0
65+	0	0
Total	1	0

Source: NYSDMV AIS Data Base.

HAMILTON COUNTY
ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	85	134	150	127
Alcohol-related crashes	9	11	3	12
% of total crashes	10.6	8.2	2.0	9.4
FATAL CRASHES (events)	3	1	2	2
Alcohol-related fatal crashes	2	0	2	1
% of fatal crashes	66.7	0.0	100	50.0
PERSONAL INJURY CRASHES (events)	39	55	49	40
Alcohol-related injury crashes	7	7	0	8
% of injury crashes	17.9	12.7	0.0	20.0
TOTAL FATALITIES (persons)	4	1	2	2
Alcohol-related fatalities	3	0	2	1
% of total fatalities	75.0	0.0	100	50.0
TOTAL INJURIES (persons)	60	87	61	54
Alcohol-related injuries	9	7	0	10
% of total injuries	15.0	8.0	0.0	18.5

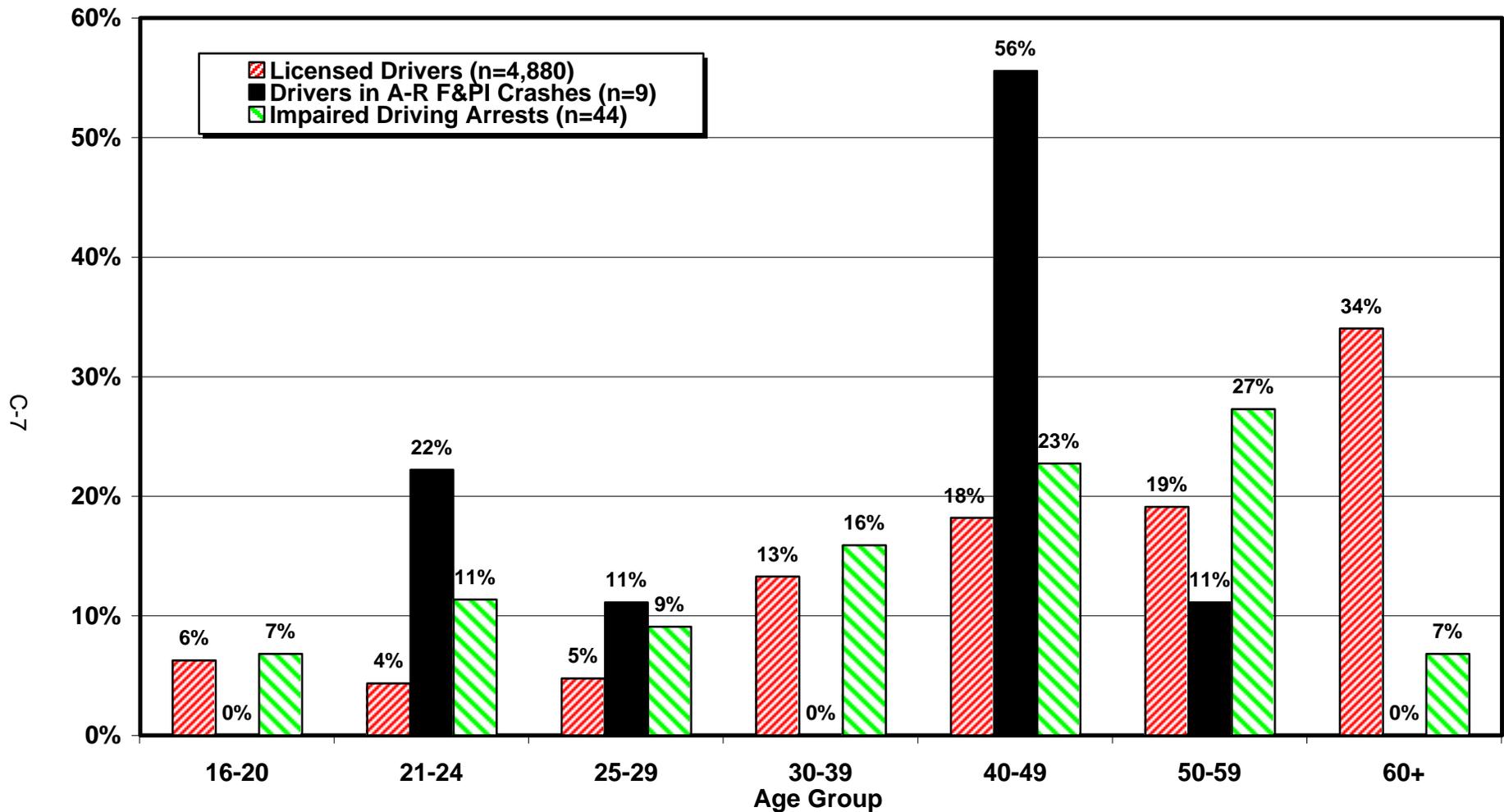
* Police-reported crashes only.

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.

Hamilton 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.

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	933	1,003	1,179	1,193
% of total tickets	46.7	42.7	44.1	45.2
% convicted on same charge	58.0	57.4	50.7	42.4
SAFETY RESTRAINTS (V&T 1229c)	221	379	258	344
% of total tickets	11.1	16.1	9.6	13.0
% convicted on same charge	95.0	87.1	91.9	71.5
IMPAIRED DRIVING (V&T 1192)	55	45	45	47
% of total tickets	2.8	1.9	1.7	1.8
PERSONS ARRESTED*	54	39	44	45
% arrested as result of patrol activity**	76.9	89.8	72.7	66.7
% arrested as result of crash	19.2	5.1	27.3	33.3
% arrested as result of <i>other means</i> ***	3.9	5.1	0.0	0.0
TOTAL TICKETS FOR ALL V&T VIOLATIONS	2,000	2,351	2,676	2,641

* 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.

HAMILTON COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=54)	(N=39)	(N=44)	(N=45)
Case adjudicated	96.3%	92.3%	88.6%	93.3%
Case pending	3.7%	7.7%	11.4%	6.7%
Disposition of Adjudicated Cases*	(N=52)	(N=36)	(N=39)	(N=42)
Convicted on Alcohol Charge	82.7%	94.5%	92.3%	88.1%
Convicted on original alcohol charge	21.1%	11.1%	7.7%	19.0%
Convicted on reduced alcohol charge	48.1%	66.7%	66.7%	66.7%
Convicted on other alcohol charge	13.5%	16.7%	17.9%	2.4%
Convicted on Non-Alcohol Charge	7.7%	5.5%	7.7%	4.8%
Dismissed/Acquitted/Convicted on charge associated with different event	9.6%	0.0%	0.0%	7.1%
* 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.

HAMILTON COUNTY

DWI/AI Probation Data

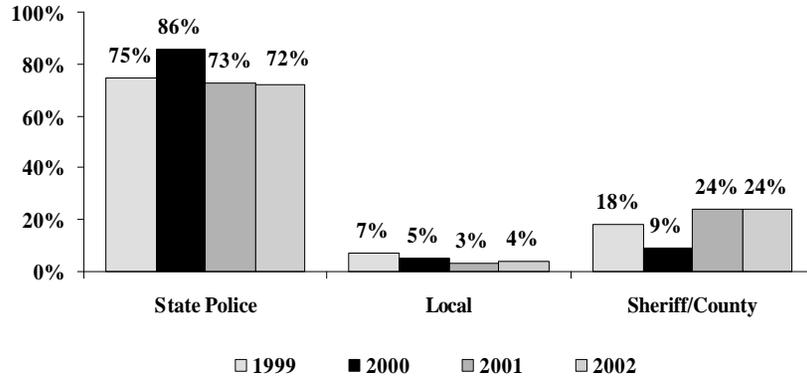
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	0	4	4	1
Number of Persons on Probation*	10	13	16	14

* 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.

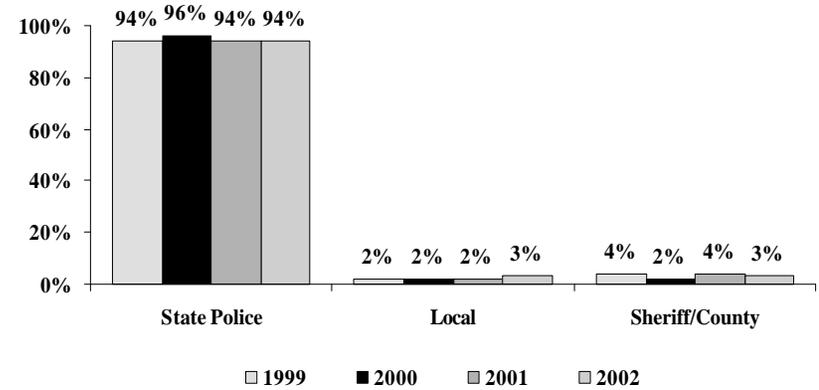
Source: NYS Division of Probation and Correctional Alternatives.

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

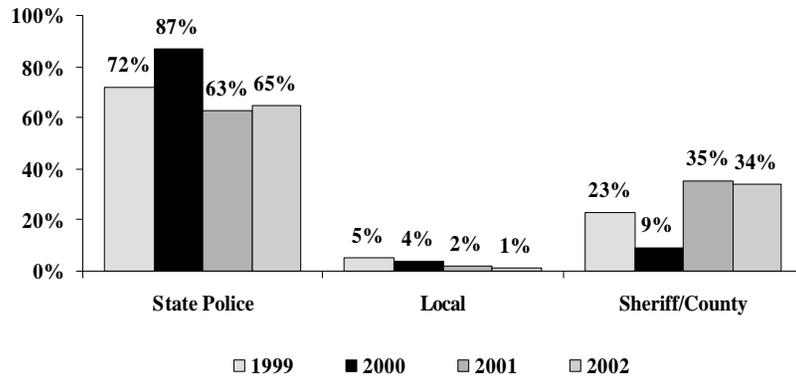
All Tickets



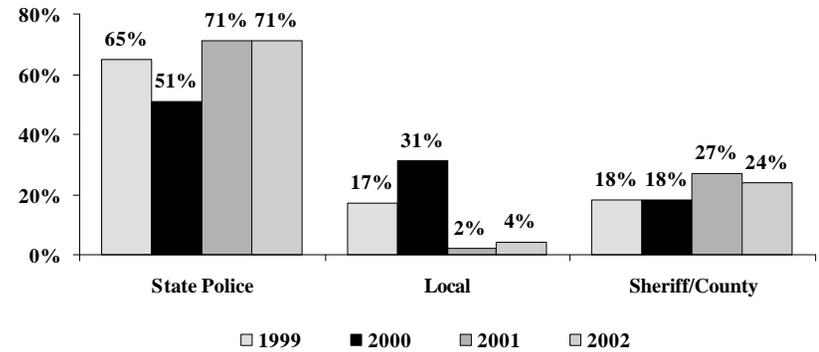
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



HAMILTON 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
Hamilton Sheriff	alcohol	10	52.6	18.2	8	42.1	17.8	12	85.7	26.7	12	80.0	25.5
NCIC 02000	speed	214	82.3	22.9	92	74.2	9.2	413	96.5	35.1	400	96.4	33.5
	seatbelt	8	66.7	3.6	7	63.6	1.8	11	78.6	4.3	11	55.0	3.2
Town of Inlet P.D.	alcohol	9	47.4	16.4	11	57.9	24.4	2	14.3	4.4	3	20.0	6.4
NCIC 02050	speed	46	17.7	4.9	32	25.8	3.2	15	3.5	1.3	15	3.6	1.3
	seatbelt	4	33.3	1.8	4	36.4	1.1	3	21.4	1.2	9	45.0	2.6
Totals by Agency Type													
Sheriff and Local	alcohol	19		34.5	19		42.2	14		31.1	15		31.9
	speed	260		27.9	124		12.4	428		36.4	415		34.8
	seatbelt	12		5.4	11		2.9	14		5.4	20		5.8
State Police	alcohol	36		65.5	23		51.1	31		68.9	32		68.1
	speed	673		72.1	865		86.6	748		63.6	776		65.0
	seatbelt	209		94.6	366		96.6	243		94.6	324		94.2
Other	alcohol	0		0.0	3		6.7	0		0.0	0		0.0
	speed	0		0.0	10		1.0	0		0.0	2		0.2
	seatbelt	0		0.0	2		0.5	0		0.0	0		0.0
County Totals													
	alcohol	55			45			45			47		
	speed	933			999			1,176			1,193		
	seatbelt	221			379			257			344		

Source: NYSDMV