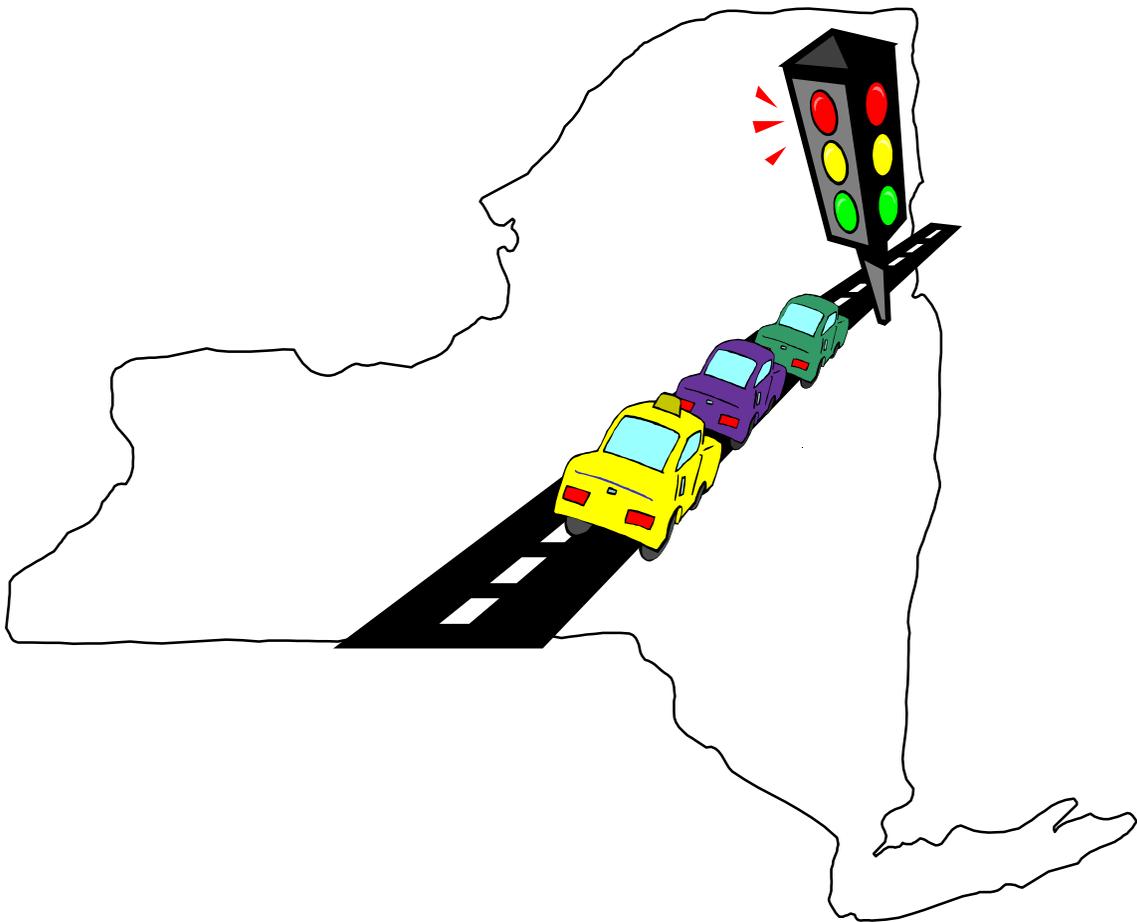


MONROE COUNTY

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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MONROE COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	15,279 *		16,989 *		18,852 *		14,387 *	
Fatal	36	0.2	49	0.3	48	0.3	55	0.4
Personal Injury	6,036	39.5	6,067	35.7	6,598	35.0	6,098	42.4
Property Damage*	9,207 *	60.3	10,873 *	64.0	12,206 *	64.7	8,234 *	57.2
SELECTED CRASH TYPES (events)								
Pedestrian crashes	417	2.7	371	2.2	414	2.2	396	2.8
Bicycle crashes	321	2.1	334	2.0	300	1.6	313	2.2
Motorcycle crashes	168	1.1	170	1.0	190	1.0	209	1.5
TOTAL FATALITIES (persons)	38		50		53		59	
Drivers	17	44.7	26	52.0	30	56.6	35	59.3
Passengers	8	21.1	8	16.0	17	32.1	12	20.3
Pedestrians	10	26.3	15	30.0	6	11.3	10	16.9
Bicyclists	3	7.9	0	0.0	0	0.0	2	3.4
TOTAL INJURIES** (persons)	8,309		8,501		9,063		8,272	
Drivers	5,356	64.5	5,371	63.2	5,871	64.8	5,362	64.8
Passengers	2,217	26.7	2,429	28.6	2,470	27.3	2,207	26.7
Pedestrians	417	5.0	364	4.3	420	4.6	396	4.8
Bicyclists	315	3.8	331	3.9	299	3.3	301	3.6

* 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.

MONROE COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	213.37	238.47	256.37	196.11
Crash Rate per 10,000 Licensed Drivers	308.21	343.47	374.53	284.01
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	119.74	123.33	126.97	115.31
Fatality & Injury Rate per 10,000 Licensed Drivers	172.95	177.63	185.50	166.99
MEAN SEVERITY OF INJURY (MSI)	1.331	1.316	1.291	1.319

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

MONROE COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	14,120		15,677		17,369		13,571	
Alcohol involvement	462	3.3	534	3.4	568	3.3	444	3.3
Unsafe speed	873	6.2	1,024	6.5	1,351	7.8	987	7.3
Driver inattention/distraction**	2,678	19.0	2,975	19.0	3,304	19.0	2,468	18.2
Failure to yield right-of-way	3,396	24.1	3,505	22.4	3,864	22.2	2,953	21.8
Following too closely	2,338	16.6	2,421	15.4	2,668	15.4	1,820	13.4
Improper passing/lane usage	656	4.6	691	4.4	756	4.4	561	4.1
Traffic control disregarded	832	5.9	904	5.8	934	5.4	758	5.6
Unsafe lane changing	504	3.6	595	3.8	689	4.0	483	3.6

* 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.

MONROE COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
No restraint used	37,501	469	41,071	425	41,919	427	34,031	425
Restraint used	5.3	27.3	5.2	24.7	4.7	23.9	3.8	20.7
Restraint use unspecified	83.3	65.7	82.7	65.4	90.2	67.2	85.0	71.1
	11.4	7.0	12.1	9.9	5.0	8.9	11.2	8.2

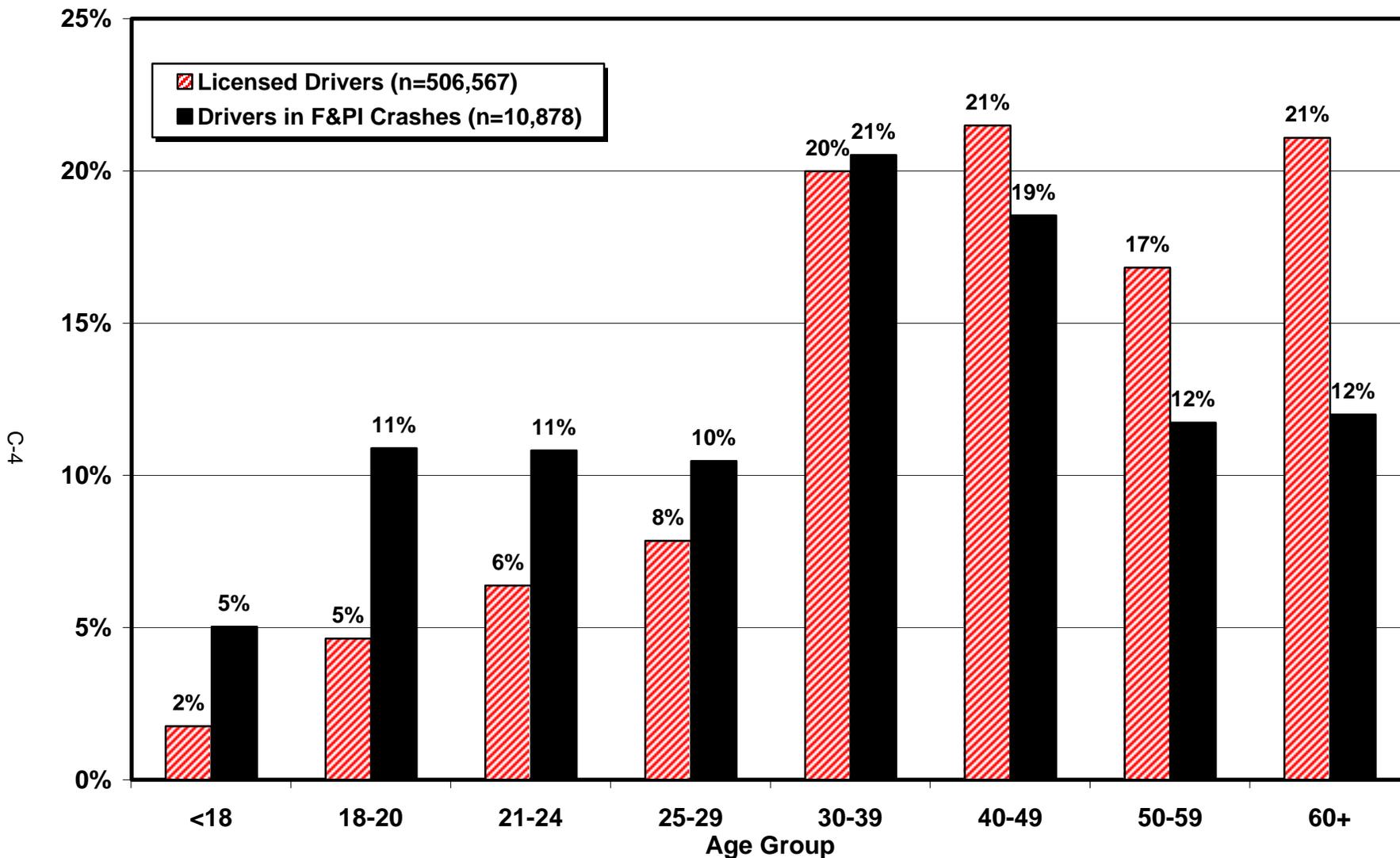
* Police-reported crashes only.

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.

Monroe County 2001

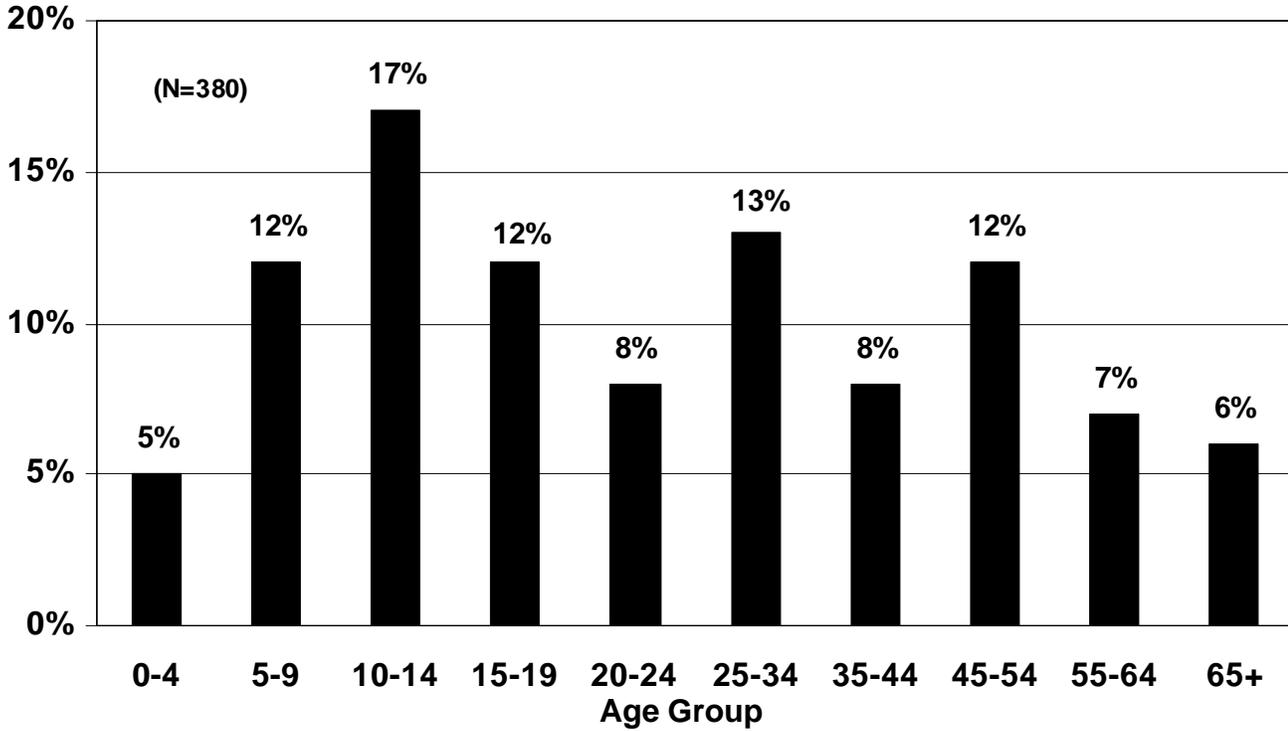
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

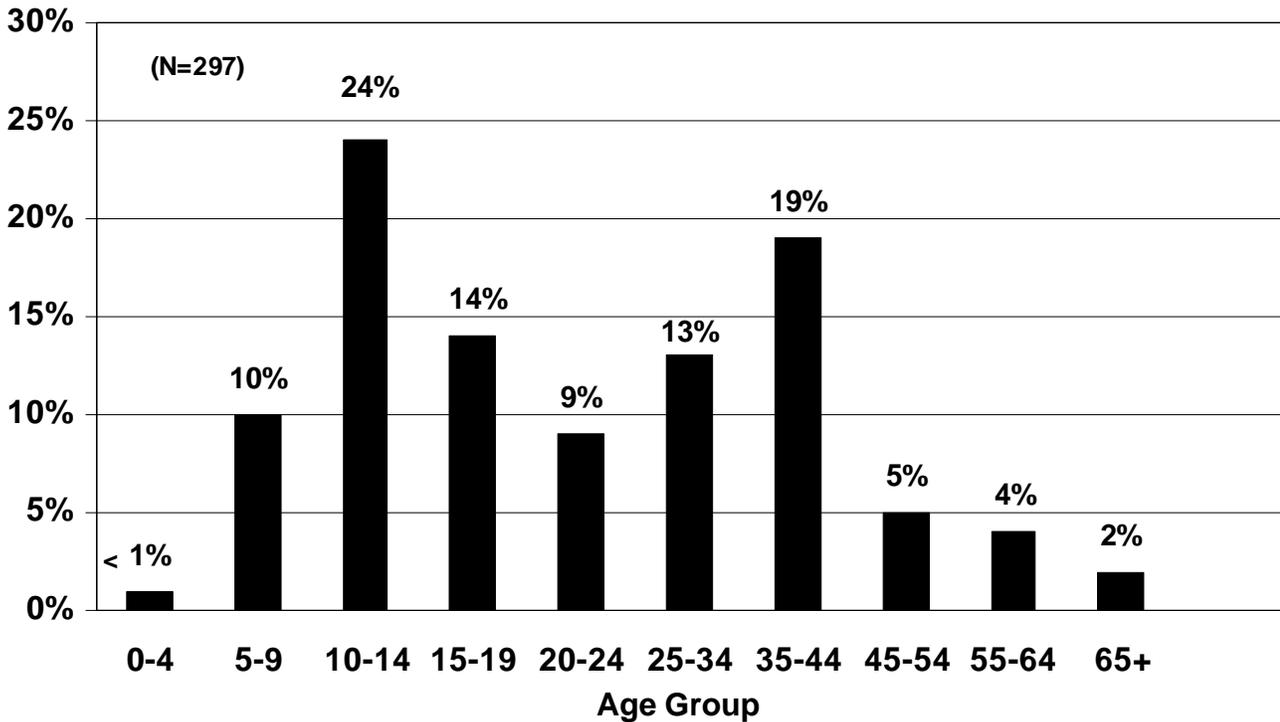
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

MONROE COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	14,120	15,677	17,369	13,571
Alcohol-related crashes	472	544	577	456
% of total crashes	3.3	3.5	3.3	3.4
FATAL CRASHES (events)	36	49	48	55
Alcohol-related fatal crashes	8	13	13	21
% of fatal crashes	22.2	26.5	27.1	38.2
PERSONAL INJURY CRASHES (events)	5,858	5,887	6,412	5,986
Alcohol-related injury crashes	266	292	308	264
% of injury crashes	4.5	5.0	4.8	4.4
TOTAL FATALITIES (persons)	38	50	53	59
Alcohol-related fatalities	8	14	14	23
% of total fatalities	21.1	28.0	26.4	39.0
TOTAL INJURIES (persons)	8,309	8,501	9,063	8,272
Alcohol-related injuries	405	444	442	380
% of total injuries	4.9	5.2	4.9	4.6

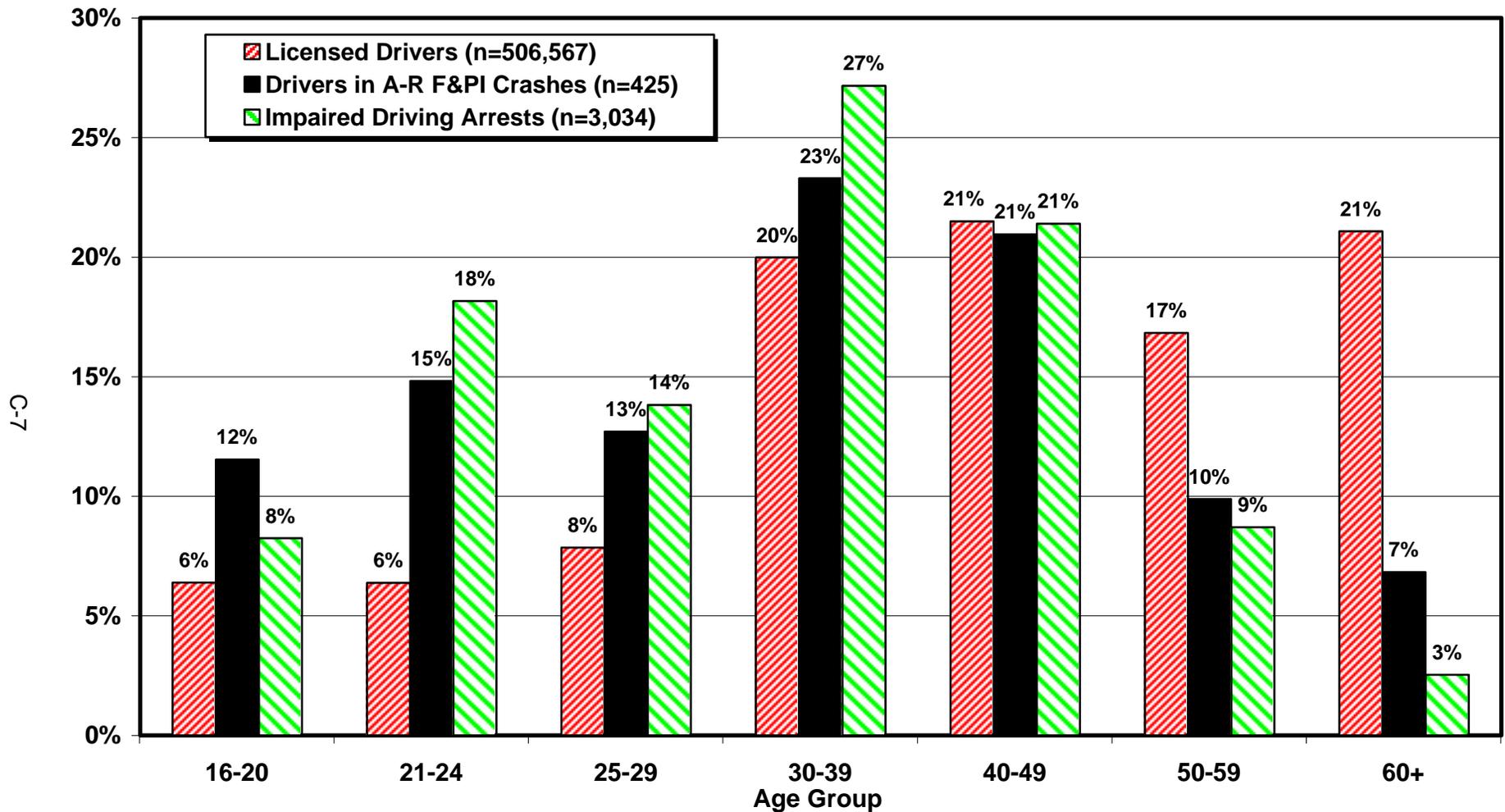
* Police-reported crashes only.

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.

Monroe 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.

MONROE COUNTY

V&T TICKETS ISSUED AND CONVICTION RATES FOR SELECTED VIOLATIONS

VIOLATION	1999		2000		2001		2002	
	TSLE&D	AA	TSLE&D	AA	TSLE&D	AA	TSLE&D	AA
SPEED (V&T 1180)	27,332	3,710	25,350	2,980	24,102	2,795	25,222	3,100
% of total tickets	27.1	9.7	27.0	8.4	26.6	7.6	25.3	8.2
% convicted on same charge	44.1	92.7	43.9	93.7	37.3	91.5	35.4	94.2
SAFETY RESTRAINTS (V&T 1229C)	9,104	7,430	8,963	6,165	6,762	6,070	8,295	5,270
% of total tickets	9.0	19.4	9.6	17.5	7.5	16.5	8.3	14.0
% convicted on same charge	75.0	97.0	79.0	96.0	73.5	96.1	68.6	97.0
IMPAIRED DRIVING (V&T 1192)	6,371		5,698		5,168		4,807	
% of total tickets	6.3		6.1		5.7		4.8	
PERSONS ARRESTED*	3,918		3,500		3,036		2,846	
% arrested as result of patrol activity**	92.0		91.6		89.3		89.1	
% arrested as result of crash	7.6		7.8		9.9		10.1	
% arrested as result of other means***	0.4		0.6		0.8		0.8	
TOTAL TICKETS FOR ALL V&T VIOLATIONS	100,933	38,220	93,817	35,295	90,689	36,780	99,582	37,700

Note: There are no data on impaired driving tickets in the Administrative Adjudication ticket system.

* 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 and Administrative Adjudication ticket systems. TSLE&D covers all areas of the state, with the exception of New York City, the five western townships of Suffolk County on Long Island, and the cities of Buffalo and Rochester. However, all tickets issued in Buffalo and Rochester in connection with an impaired driving arrest are part of TSLE&D.

MONROE COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=3,918)	(N=3,500)	(N=3,040)	(N=2,846)
Case adjudicated	95.3%	88.1%	71.9%	93.6%
Case pending	4.7%	11.9%	28.1%	6.4%
Disposition of Adjudicated Cases*	(N=3,734)	(N=3,084)	(N=2,185)	(N=2,665)
Convicted on Alcohol Charge	85.6%	88.0%	90.9%	88.7%
Convicted on original alcohol charge	53.5%	56.3%	56.4%	55.4%
Convicted on reduced alcohol charge	30.4%	30.0%	33.1%	32.1%
Convicted on other alcohol charge	1.7%	1.7%	1.4%	1.2%
Convicted on Non-Alcohol Charge	0.2%	0.4%	0.3%	0.2%
Dismissed/Acquitted/Convicted on charge associated with different event	14.2%	11.6%	8.8%	11.1%
* 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.

MONROE COUNTY

DWI/AI Probation Data

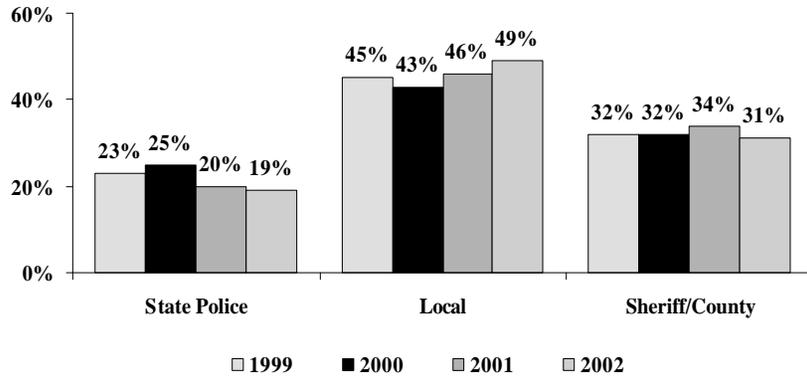
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	812	647	746	726
Number of Persons on Probation*	2,259	2,358	2,228	1,973

* 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.

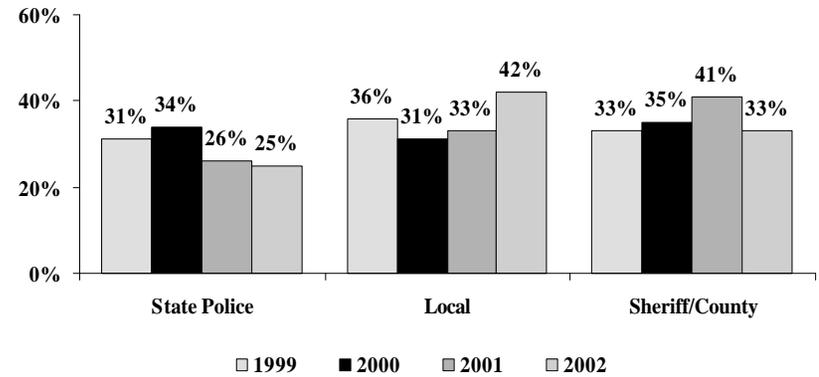
Source: NYS Division of Probation and Correctional Alternatives.

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

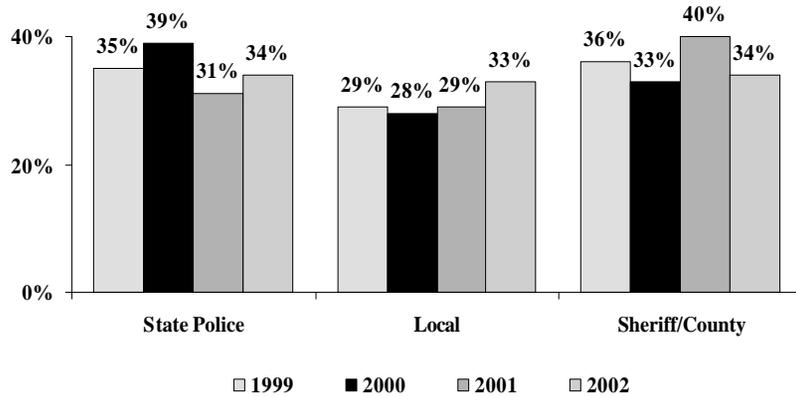
All Tickets



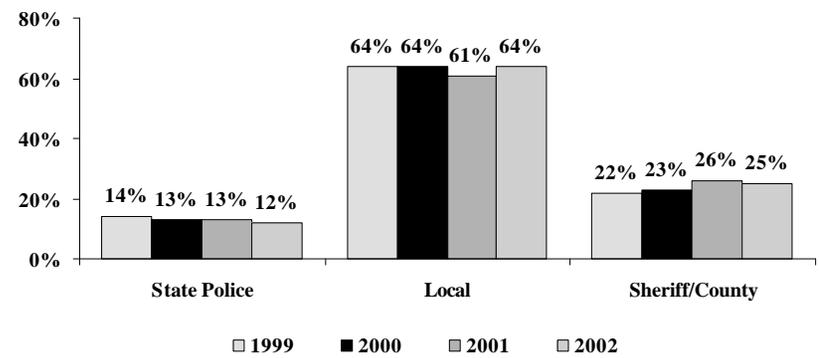
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MONROE 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
Monroe Sheriff NCIC 02700	alcohol	1,493	26.8	23.4	1,327	26.5	23.1	1,421	31.0	27.6	1,251	29.3	26.0
	speed	9,932	57.0	36.3	8,386	55.7	32.9	9,607	59.3	39.9	8,450	52.0	33.5
	seatbelt	3,004	48.7	34.6	3,173	53.6	35.2	2,762	55.7	40.9	2,716	45.0	32.7
Rochester P.D. NCIC 02701 <i>(TSLE&D only)</i>	alcohol	2,015	36.2	31.6	1,924	38.4	33.5	1,775	38.8	34.4	1,446	33.8	30.1
	speed	235	1.3	0.9	183	1.2	0.7	151	0.9	0.6	145	0.9	0.6
	seatbelt	550	8.9	6.3	403	6.8	4.5	401	8.1	5.9	353	5.8	4.3
Irondequoit P.D. NCIC 02702	alcohol	713	12.8	11.2	638	12.7	11.1	360	7.9	7.0	282	6.6	5.9
	speed	1,286	7.4	4.7	1,139	7.6	4.5	1,072	6.6	4.4	1,139	7.0	4.5
	seatbelt	619	10.0	7.1	353	6.0	3.9	262	5.3	3.9	260	4.3	3.1
East Rochester P.D. NCIC 02724	alcohol	70	1.3	1.1	48	1.0	0.8	24	0.5	0.5	38	0.9	0.8
	speed	348	2.0	1.3	423	2.8	1.7	537	3.3	2.2	607	3.7	2.4
	seatbelt	133	2.2	1.5	74	1.2	0.8	52	1.0	0.8	24	0.4	0.3
Fairport P.D. NCIC 02725	alcohol	68	1.2	1.1	44	0.9	0.8	25	0.5	0.5	20	0.5	0.4
	speed	316	1.8	1.2	424	2.8	1.7	273	1.7	1.1	227	1.4	0.9
	seatbelt	132	2.1	1.5	97	1.6	1.1	141	2.8	2.1	97	1.6	1.2
Brockport P.D. NCIC 02728	alcohol	159	2.9	2.5	120	2.4	2.1	123	2.7	2.4	140	3.3	2.9
	speed	292	1.7	1.1	349	2.3	1.4	231	1.4	1.0	423	2.6	1.7
	seatbelt	61	1.0	0.7	92	1.6	1.0	37	0.7	0.5	106	1.8	1.3
Town of Brighton P.D. NCIC 02750	alcohol	124	2.2	1.9	96	1.9	1.7	176	3.8	3.4	243	5.7	5.1
	speed	1,075	6.2	3.9	947	6.3	3.7	1,132	7.0	4.7	1,119	6.9	4.4
	seatbelt	289	4.7	3.3	270	4.6	3.0	243	4.9	3.6	220	3.6	2.7
Town of Gates P.D. NCIC 02753	alcohol	180	3.2	2.8	240	4.8	4.2	178	3.9	3.5	220	5.1	4.6
	speed	1,131	6.5	4.1	1,504	10.0	5.9	1,124	6.9	4.7	1,350	8.3	5.4
	seatbelt	251	4.1	2.9	336	5.7	3.7	327	6.6	4.8	717	11.9	8.6

MONROE 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
Town of Greece P.D. NCIC 02754	alcohol	506	9.1	7.9	310	6.2	5.4	295	6.4	5.7	393	9.2	8.2
	speed	2,195	12.6	8.0	1,178	7.8	4.6	1,456	9.0	6.0	2,135	13.1	8.5
	seatbelt	522	8.5	6.0	417	7.0	4.6	201	4.1	3.0	823	13.6	9.9
Ogden P.D. NCIC 02759	alcohol	114	2.0	1.8	85	1.7	1.5	64	1.4	1.2	50	1.2	1.0
	speed	317	1.8	1.2	249	1.7	1.0	341	2.1	1.4	359	2.2	1.4
	seatbelt	36	0.6	0.4	44	0.7	0.5	27	0.5	0.4	95	1.6	1.1
Webster P.D. NCIC 02767	alcohol	129	2.3	2.0	181	3.6	3.2	136	3.0	2.6	193	4.5	4.0
	speed	289	1.7	1.1	275	1.8	1.1	277	1.7	1.1	298	1.8	1.2
	seatbelt	568	9.2	6.5	662	11.2	7.4	506	10.2	7.5	625	10.4	7.5
Totals by Agency Type													
Sheriff and Local	alcohol	5,571		87.4	5,013		87.3	4,577		88.8	4,276		89.0
	speed	17,416		63.7	15,057		59.1	16,201		67.2	16,252		64.4
	seatbelt	6,165		71.0	5,921		65.7	4,959		73.4	6,036		72.8
State Police	alcohol	801		12.6	722		12.6	571		11.1	506		10.5
	speed	9,770		35.7	9,951		39.1	7,489		31.1	8,562		34.0
	seatbelt	2,498		28.8	3,058		34.0	1,785		26.4	2,059		24.8
Other incl. SUNY and Park Police	alcohol	4		0.1	7		0.1	7		0.1	24		0.5
	speed	147		0.5	461		1.8	407		1.7	405		1.6
	seatbelt	14		0.2	27		0.3	13		0.2	200		2.4
County Totals*													
	alcohol	6,376			5,742			5,155			4,806		
	speed	27,333			25,469			24,097			25,219		
	seatbelt	8,677			9,006			6,757			8,295		

* TSLE&D only

Source: NYSDMV