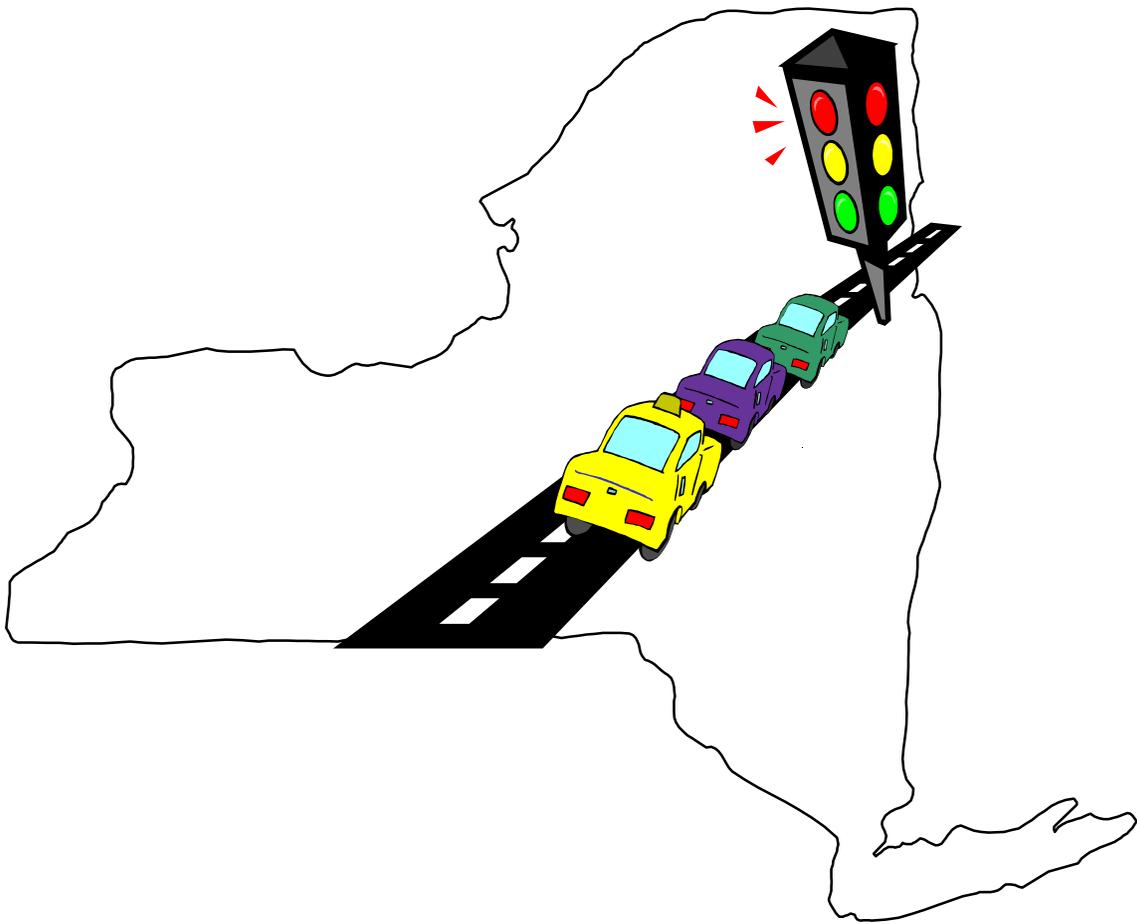


MONROE COUNTY

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 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

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MONROE COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	16,989		18,852		14,387 *		10,080 *	
Fatal	49	0.3	48	0.3	55	0.4	50	0.5
Personal Injury	6,067	35.7	6,598	35.0	6,098	42.4	6,414	63.6
Property Damage*	10,873	64.0	12,206	64.7	8,234 *	57.2	3,616 *	35.9
SELECTED CRASH TYPES (events)								
Pedestrian crashes	371	2.2	414	2.2	396	2.8	378	3.8
Bicycle crashes	334	2.0	300	1.6	313	2.2	306	3.0
Motorcycle crashes	170	1.0	190	1.0	209	1.5	159	1.6
TOTAL FATALITIES (persons)	50		53		59		51	
Drivers	26	52.0	30	56.6	35	59.3	28	54.9
Passengers	8	16.0	17	32.1	12	20.3	13	25.5
Pedestrians	15	30.0	6	11.3	10	16.9	10	19.6
Bicyclists	0	0.0	0	0.0	2	3.4	0	0.0
TOTAL INJURIES** (persons)	8,501		9,063		8,272		8,217	
Drivers	5,371	63.2	5,871	64.8	5,362	64.8	5,303	64.5
Passengers	2,429	28.6	2,470	27.3	2,207	26.7	2,227	27.1
Pedestrians	364	4.3	420	4.6	396	4.8	372	4.5
Bicyclists	331	3.9	299	3.3	301	3.6	295	3.6

* 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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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.

MONROE COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	238.47	256.37	196.11*	136.94*
Crash Rate per 10,000 Licensed Drivers	343.47	374.53	284.01*	199.17*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	123.33	126.97	115.31	120.57
Fatality & Injury Rate per 10,000 Licensed Drivers	177.63	185.50	166.99	175.36
MEAN SEVERITY OF INJURY (MSI)	1.316	1.291	1.319	1.299

* 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.

MONROE COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	15,677		17,369		13,571		6,851	
Alcohol involvement	534	3.4	568	3.3	444	3.3	281	4.1
Unsafe speed	1,024	6.5	1,351	7.8	987	7.3	613	8.9
Driver inattention/distraction**	2,975	19.0	3,304	19.0	2,468	18.2	1,403	20.5
Failure to yield right-of-way	3,505	22.4	3,864	22.2	2,953	21.8	1,822	26.6
Following too closely	2,421	15.4	2,668	15.4	1,820	13.4	1,112	16.2
Improper passing/lane usage	691	4.4	756	4.4	561	4.1	238	3.5
Traffic control disregarded	904	5.8	934	5.4	758	5.6	469	6.8
Unsafe lane changing	595	3.8	689	4.0	483	3.6	166	2.4

* 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: 1999-2000 NYSDMV county MV-144A, Table 13(P).

2001-2002 NYSDMV AIS Data Base.

MONROE COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	41,071	425	41,919	427	34,031	425	18,149	459
No restraint used	5.2	24.7	4.7	23.9	3.8	20.7	5.0	19.0
Restraint used	82.7	65.4	90.2	67.2	85.0	71.1	87.6	66.2
Restraint use unspecified	12.1	9.9	5.0	8.9	11.2	8.2	7.3	14.8

* Police-reported crashes only.

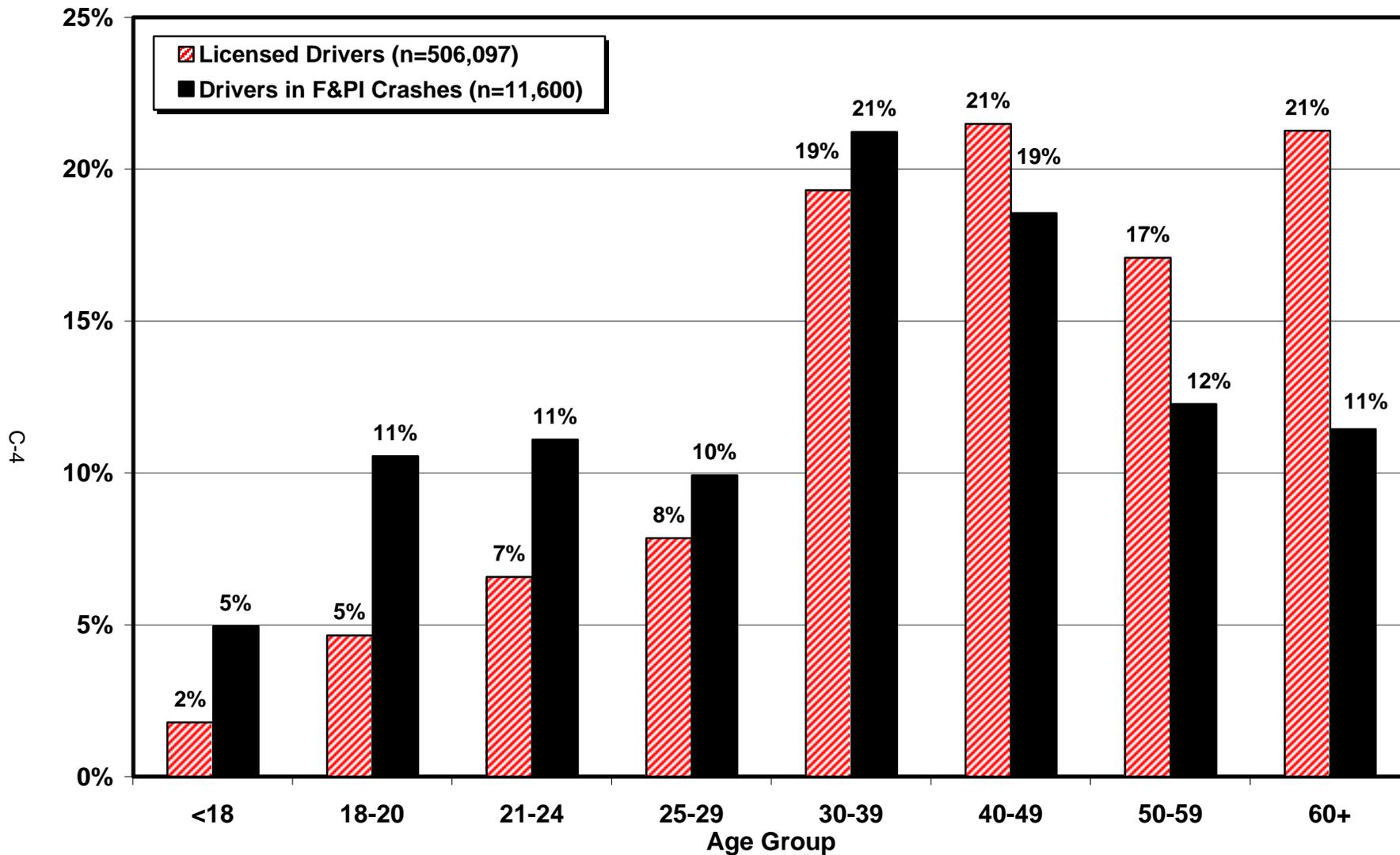
Note: "K and A" denote occupants killed or seriously injured in a crash.

Source: 1999-2000 NYSDMV county MV-144A, Table 29(P).

2001-2002 NYSDMV AIS Data Base.

Monroe County 2002

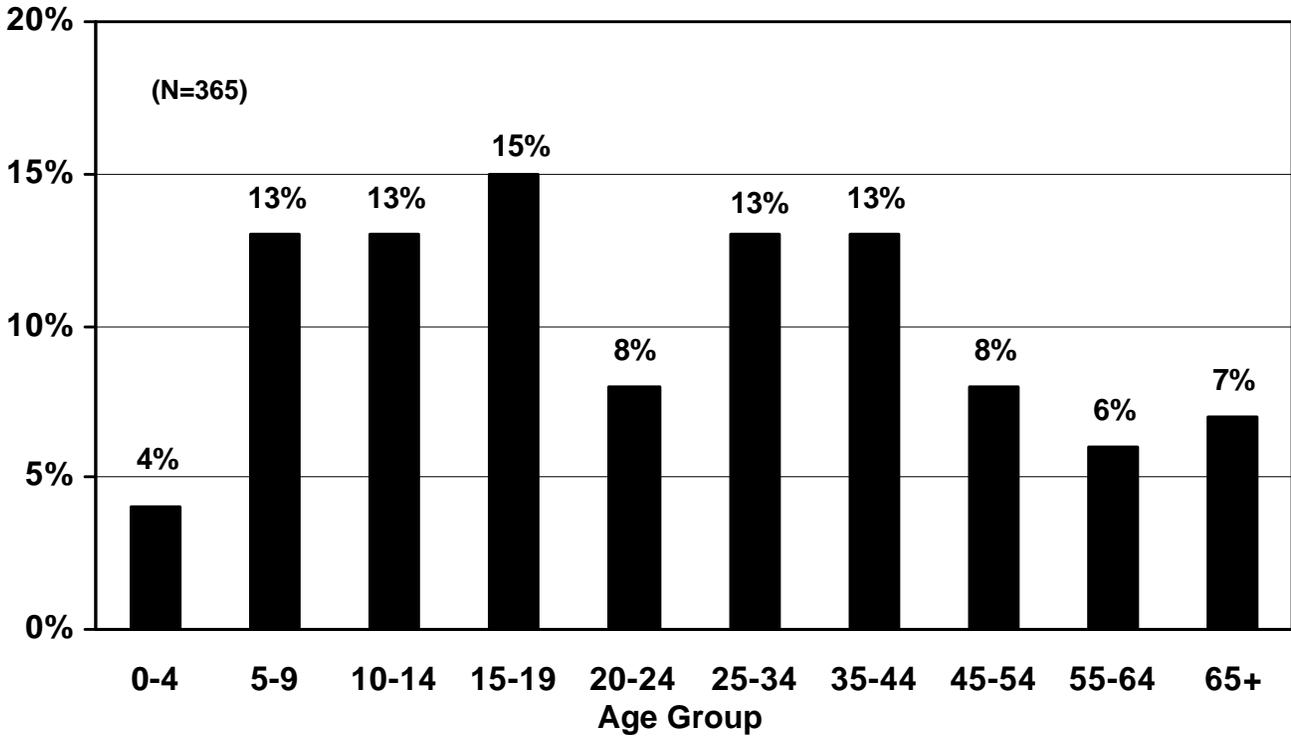
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

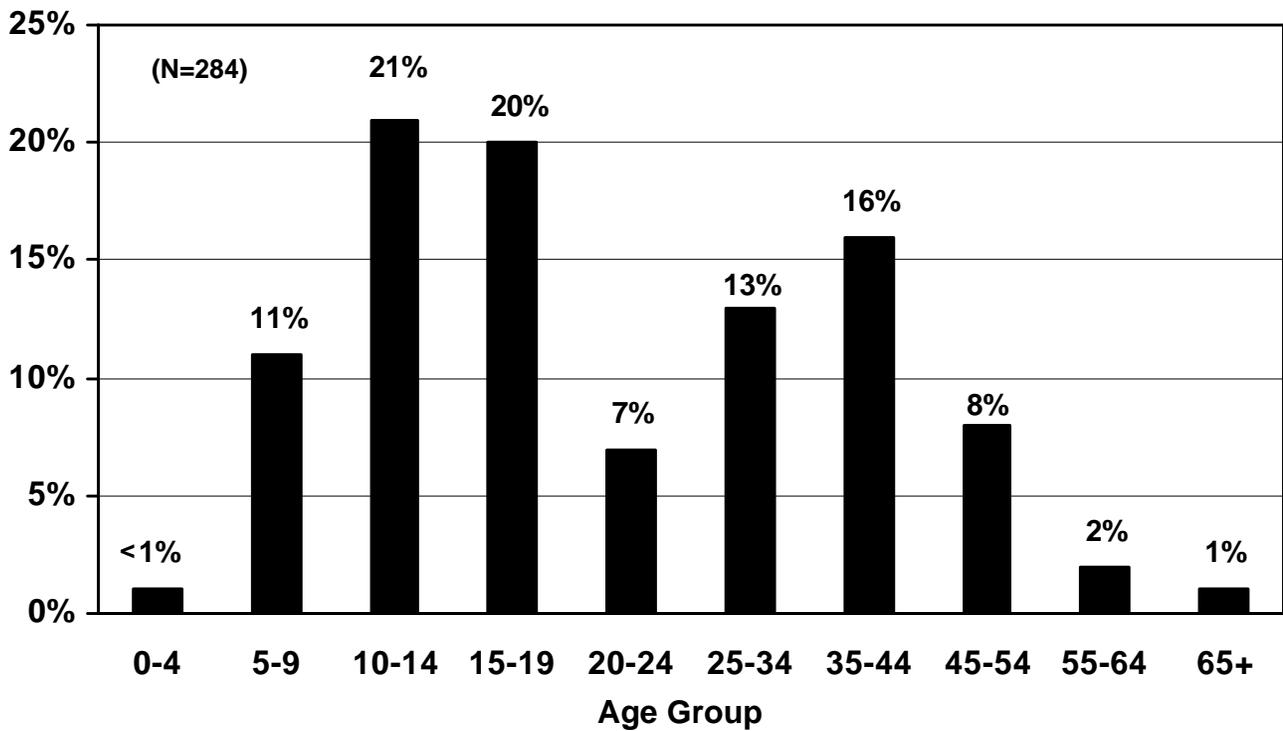
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

MONROE COUNTY

ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	15,677	17,369	13,571	6,851
Alcohol-related crashes	544	577	456	295
% of total crashes	3.5	3.3	3.4	4.3
FATAL CRASHES (events)	49	48	55	50
Alcohol-related fatal crashes	13	13	21	16
% of fatal crashes	26.5	27.1	38.2	32.0
PERSONAL INJURY CRASHES (events)	5,887	6,412	5,986	5,905
Alcohol-related injury crashes	292	308	264	264
% of injury crashes	5.0	4.8	4.4	4.5
TOTAL FATALITIES (persons)	50	53	59	51
Alcohol-related fatalities	14	14	23	17
% of total fatalities	28.0	26.4	39.0	33.3
TOTAL INJURIES (persons)	8,501	9,063	8,272	8,217
Alcohol-related injuries	444	442	380	356
% of total injuries	5.2	4.9	4.6	4.3

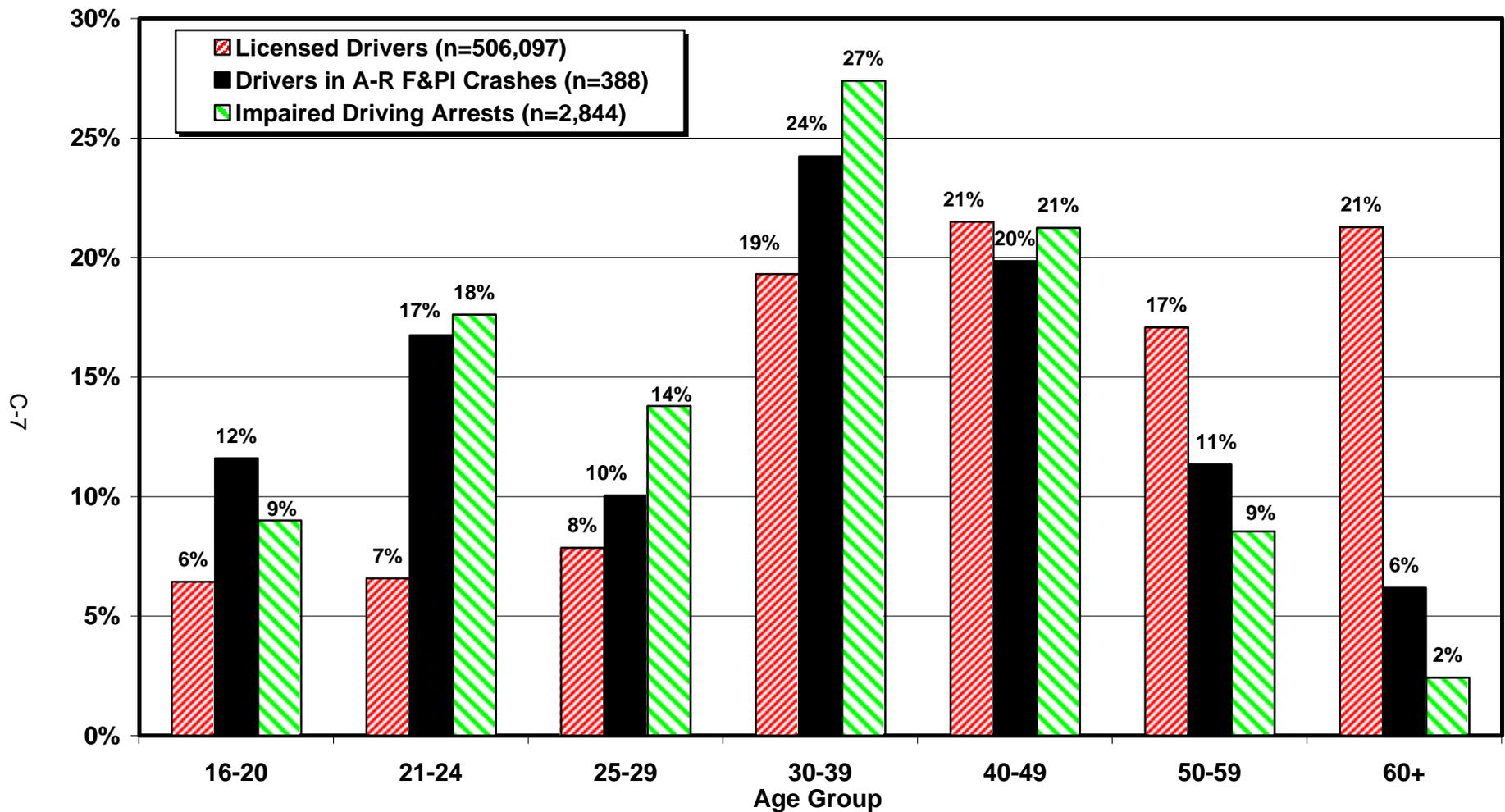
* Police-reported crashes only.

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.

Monroe 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.

MONROE COUNTY

V&T TICKETS ISSUED AND CONVICTION RATES FOR SELECTED VIOLATIONS

VIOLATION	2000		2001		2002		2003	
	TSLE&D	AA	TSLE&D	AA	TSLE&D	AA	TSLE&D	AA
SPEED (V&T 1180)	25,350	2,980	24,102	2,795	25,222	3,100	21,911	2,734
% of total tickets	27.0	8.4	26.6	7.6	25.3	8.2	23.2	8.3
% convicted on same charge	43.9	93.7	37.3	91.5	35.4	94.2	30.5	92.0
SAFETY RESTRAINTS (V&T 1229C)	8,963	6,165	6,762	6,070	8,295	5,270	9,056	4,525
% of total tickets	9.6	17.5	7.5	16.5	8.3	14.0	9.6	13.8
% convicted on same charge	79.0	96.0	73.5	96.1	68.6	97.0	57.7	96.8
IMPAIRED DRIVING (V&T 1192)	5,698		5,168		4,807		4,736	
% of total tickets	6.1		5.7		4.8		5.0	
PERSONS ARRESTED*	3,500		3,036		2,846		2,813	
% arrested as result of patrol activity**	91.6		89.3		89.1		89.5	
% arrested as result of crash	7.8		9.9		10.1		9.1	
% arrested as result of other means***	0.6		0.8		0.8		1.4	
TOTAL TICKETS FOR ALL V&T VIOLATIONS	93,817	35,295	90,689	36,780	99,582	37,700	94,572	32,790

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

	2000	2001	2002	2003
Persons Arrested	(N=3,500)	(N=3,040)	(N=2,846)	(N=2,813)
Case adjudicated	88.1%	71.9%	93.6%	78.8%
Case pending	11.9%	28.1%	6.4%	21.2%
Disposition of Adjudicated Cases*	(N=3,084)	(N=2,185)	(N=2,665)	(N=2,217)
Convicted on Alcohol Charge	88.0%	90.9%	88.7%	91.5%
Convicted on original alcohol charge	56.3%	56.4%	55.4%	58.0%
Convicted on reduced alcohol charge	30.0%	33.1%	32.1%	32.1%
Convicted on other alcohol charge	1.7%	1.4%	1.2%	1.4%
Convicted on Non-Alcohol Charge	0.4%	0.3%	0.2%	0.5%
Dismissed/Acquitted/Convicted on charge associated with different event	11.6%	8.8%	11.1%	8.0%
* 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

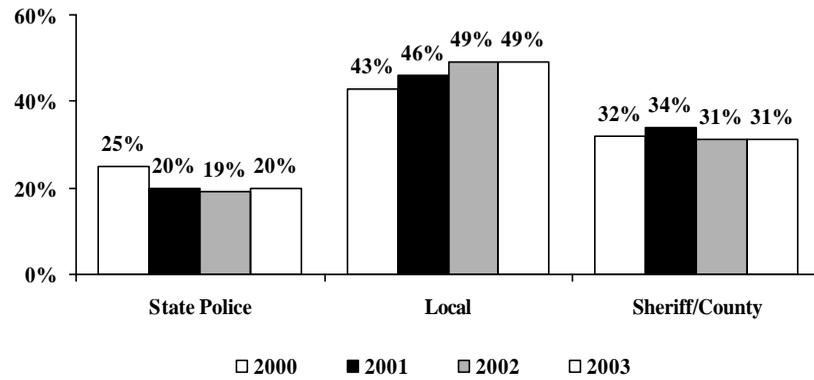
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	647	746	726	608
Number of Persons on Probation*	2,358	2,228	1,973	1,723

* 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.

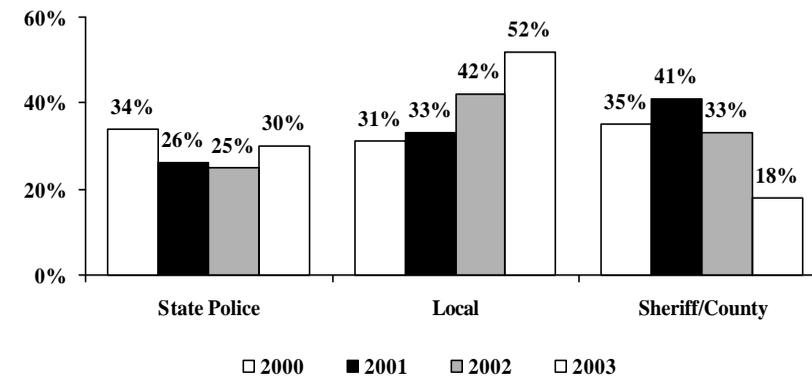
Source: NYS Division of Probation and Correctional Alternatives.

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

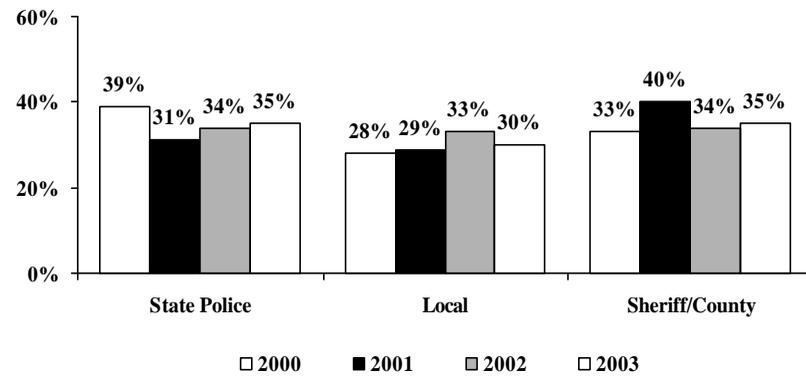
All Tickets



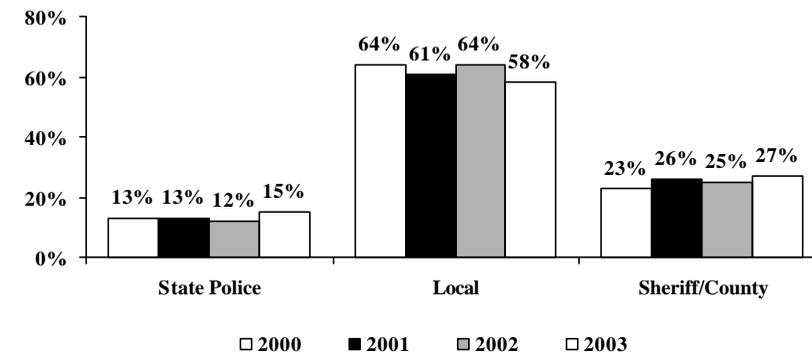
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MONROE COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		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
Monroe Sheriff NCIC 02700	alcohol	1,327	26.5	23.1	1,421	31.0	27.6	1,251	29.3	26.0	1,334	32.8	28.2
	speed	8,386	55.7	32.9	9,607	59.3	39.9	8,450	52.0	33.5	7,676	54.7	35.0
	seatbelt	3,173	53.6	35.2	2,762	55.7	40.9	2,716	45.0	32.7	1,597	25.6	17.6
Rochester P.D. NCIC 02701 (TSLE&D only)	alcohol	1,924	38.4	33.5	1,775	38.8	34.4	1,446	33.8	30.1	1,051	25.8	22.2
	speed	183	1.2	0.7	151	0.9	0.6	145	0.9	0.6	58	0.4	0.3
	seatbelt	403	6.8	4.5	401	8.1	5.9	353	5.8	4.3	169	2.7	1.9
Irondequoit P.D. NCIC 02702	alcohol	638	12.7	11.1	360	7.9	7.0	282	6.6	5.9	249	6.1	5.3
	speed	1,139	7.6	4.5	1,072	6.6	4.4	1,139	7.0	4.5	823	5.9	3.8
	seatbelt	353	6.0	3.9	262	5.3	3.9	260	4.3	3.1	227	3.6	2.5
East Rochester P.D NCIC 02724	alcohol	48	1.0	0.8	24	0.5	0.5	38	0.9	0.8	49	1.2	1.0
	speed	423	2.8	1.7	537	3.3	2.2	607	3.7	2.4	246	1.8	1.1
	seatbelt	74	1.2	0.8	52	1.0	0.8	24	0.4	0.3	26	0.4	0.3
Fairport P.D NCIC 02725	alcohol	44	0.9	0.8	25	0.5	0.5	20	0.5	0.4	27	0.7	0.6
	speed	424	2.8	1.7	273	1.7	1.1	227	1.4	0.9	181	1.3	0.8
	seatbelt	97	1.6	1.1	141	2.8	2.1	97	1.6	1.2	101	1.6	1.1
Brockport P.D. NCIC 02728	alcohol	120	2.4	2.1	123	2.7	2.4	140	3.3	2.9	177	4.4	3.7
	speed	349	2.3	1.4	231	1.4	1.0	423	2.6	1.7	299	2.1	1.4
	seatbelt	92	1.6	1.0	37	0.7	0.5	106	1.8	1.3	119	1.9	1.3
Town of Brighton P.D. NCIC 02750	alcohol	96	1.9	1.7	176	3.8	3.4	243	5.7	5.1	238	5.9	5.0
	speed	947	6.3	3.7	1,132	7.0	4.7	1,119	6.9	4.4	895	6.4	4.1
	seatbelt	270	4.6	3.0	243	4.9	3.6	220	3.6	2.7	348	5.6	3.8
Town of Gates P.D. NCIC 02753	alcohol	240	4.8	4.2	178	3.9	3.5	220	5.1	4.6	229	5.6	4.8
	speed	1,504	10.0	5.9	1,124	6.9	4.7	1,350	8.3	5.4	1,228	8.8	5.6
	seatbelt	336	5.7	3.7	327	6.6	4.8	717	11.9	8.6	608	9.7	6.7

MONROE 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
Town of Greece P.D.	alcohol	310	6.2	5.4	295	6.4	5.7	393	9.2	8.2	484	11.9	10.2
NCIC 02754	speed	1,178	7.8	4.6	1,456	9.0	6.0	2,135	13.1	8.5	2,152	15.3	9.8
	seatbelt	417	7.0	4.6	201	4.1	3.0	823	13.6	9.9	2,024	32.4	22.3
Ogden P.D.	alcohol	85	1.7	1.5	64	1.4	1.2	50	1.2	1.0	88	2.2	1.9
NCIC 02759	speed	249	1.7	1.0	341	2.1	1.4	359	2.2	1.4	325	2.3	1.5
	seatbelt	44	0.7	0.5	27	0.5	0.4	95	1.6	1.1	126	2.0	1.4
Webster P.D.	alcohol	181	3.6	3.2	136	3.0	2.6	193	4.5	4.0	141	3.5	3.0
NCIC 02767	speed	275	1.8	1.1	277	1.7	1.1	298	1.8	1.2	145	1.0	0.7
	seatbelt	662	11.2	7.4	506	10.2	7.5	625	10.4	7.5	899	14.4	9.9
Totals by Agency Type													
Sheriff and Local		alcohol	5,013	87.3	4,577	88.8	4,276	89.0	4,067	85.9			
		speed	15,057	59.1	16,201	67.2	16,252	64.4	14,028	64.0			
		seatbelt	5,921	65.7	4,959	73.4	6,036	72.8	6,244	68.9			
State Police		alcohol	722	12.6	571	11.1	506	10.5	649	13.7			
		speed	9,951	39.1	7,489	31.1	8,562	34.0	7,609	34.7			
		seatbelt	3,058	34.0	1,785	26.4	2,059	24.8	2,748	30.3			
Other		alcohol	7	0.1	7	0.1	24	0.5	20	0.4			
incl. SUNY and		speed	461	1.8	407	1.7	405	1.6	274	1.3			
Park Police		seatbelt	27	0.3	13	0.2	200	2.4	64	0.7			
County Totals*													
		alcohol	5,742		5,155		4,806		4,736				
		speed	25,469		24,097		25,219		21,911				
		seatbelt	9,006		6,757		8,295		9,056				

* TSLE&D only

Source: NYS DMV