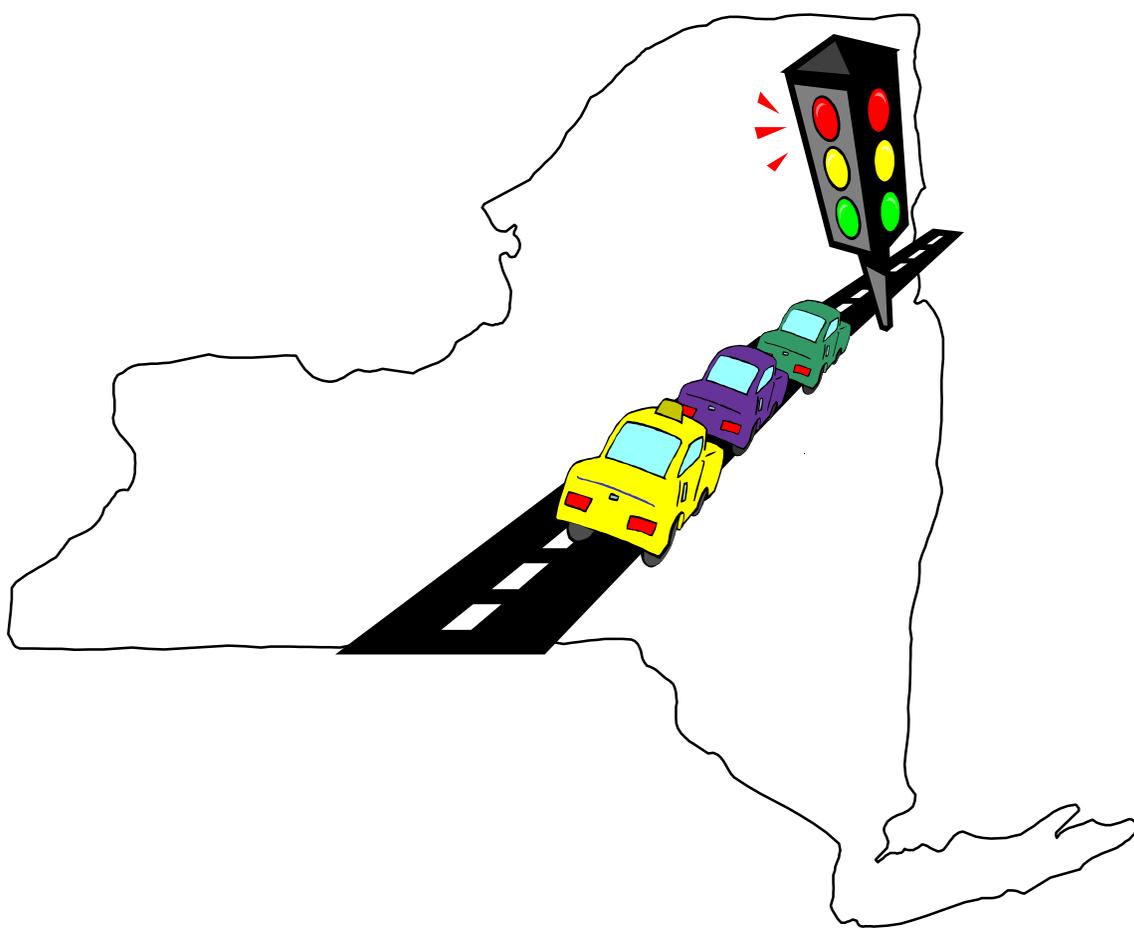


ESSEX COUNTY

TRAFFIC SAFETY DATA



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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

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ESSEX COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	653 *		892 *		1,033 *		884 *	
Fatal	5	0.8	4	0.4	9	0.9	8	0.9
Personal Injury	315	48.2	348	39.0	324	31.4	315	35.6
Property Damage*	333 *	51.0	540 *	60.5	700 *	67.8	561 *	63.5
SELECTED CRASH TYPES (events)								
Pedestrian crashes	8	1.2	10	1.1	9	0.9	3	0.3
Bicycle crashes	2	0.3	8	0.9	7	0.7	6	0.7
Motorcycle crashes	15	2.3	18	2.0	22	2.1	23	2.6
TOTAL FATALITIES (persons)	5		4		10		12	
Drivers	3	60.0	4	100	6	60.0	5	41.7
Passengers	1	20.0	0	0.0	2	20.0	7	58.3
Pedestrians	1	20.0	0	0.0	2	20.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	444		491		457		442	
Drivers	288	64.9	295	60.1	280	61.3	285	64.5
Passengers	146	32.9	174	35.4	162	35.4	147	33.3
Pedestrians	8	1.8	13	2.6	7	1.5	4	0.9
Bicyclists	2	0.5	8	1.6	7	1.5	6	1.4

* 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.

ESSEX COUNTY

CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	173.91	237.82	265.89	227.71
Crash Rate per 10,000 Licensed Drivers	243.22	330.95	374.63	316.32
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	122.51	137.31	123.81	119.26
Fatality & Injury Rate per 10,000 Licensed Drivers	171.33	191.07	174.44	165.68
MEAN SEVERITY OF INJURY (MSI)	1.646	1.561	1.608	1.559

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

ESSEX COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	568		801		939		827	
Alcohol involvement	45	7.9	49	6.1	59	6.3	50	6.0
Unsafe speed	166	29.2	268	33.5	333	35.5	239	28.9
Driver inattention/distraction**	65	11.4	80	10.0	93	9.9	71	8.6
Failure to yield right-of-way	64	11.3	65	8.1	67	7.1	78	9.4
Following too closely	42	7.4	66	8.2	70	7.5	74	8.9
Improper passing/lane usage	35	6.2	41	5.1	47	5.0	49	5.9
Traffic control disregarded	8	1.4	13	1.6	17	1.8	19	2.3
Unsafe lane changing	14	2.5	21	2.6	15	1.6	19	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.

ESSEX COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	1,398	51	1,834	47	1,892	52	1,791	57
No restraint used	9.3	43.1	6.5	38.3	5.1	21.2	6.3	40.4
Restraint used	75.7	54.9	82.9	53.2	92.5	71.2	83.4	52.6
Restraint use unspecified	15.0	2.0	10.6	8.5	2.4	7.7	10.4	7.0

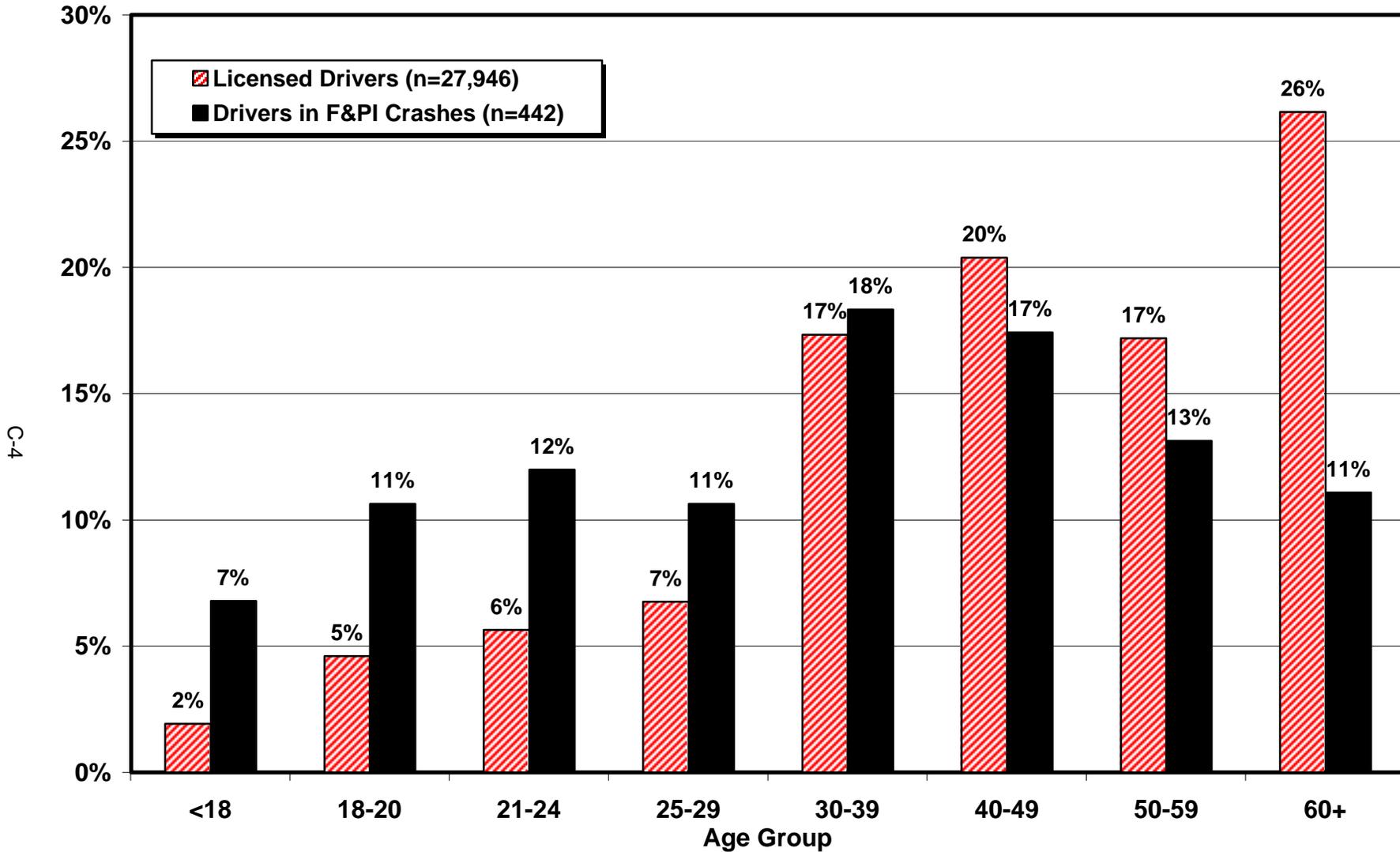
* Police-reported crashes only.

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.

Essex 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.

Essex 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	4
20 - 24	1	0
25 - 34	1	0
35 - 44	0	0
45 - 54	0	1
55 - 64	1	1
65+	0	0
Total	4	6

Source: NYSDMV AIS Data Base.

ESSEX COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	568	801	939	827
Alcohol-related crashes	45	49	60	50
% of total crashes	7.9	6.1	6.4	6.0
FATAL CRASHES (events)	5	4	9	8
Alcohol-related fatal crashes	3	3	2	1
% of fatal crashes	60.0	75.0	22.2	12.5
PERSONAL INJURY CRASHES (events)	305	331	315	307
Alcohol-related injury crashes	35	25	38	36
% of injury crashes	11.5	7.6	12.1	11.7
TOTAL FATALITIES (persons)	5	4	10	12
Alcohol-related fatalities	3	3	2	1
% of total fatalities	60.0	75.0	20.0	8.3
TOTAL INJURIES (persons)	444	491	457	442
Alcohol-related injuries	53	34	47	46
% of total injuries	11.9	6.9	10.3	10.4

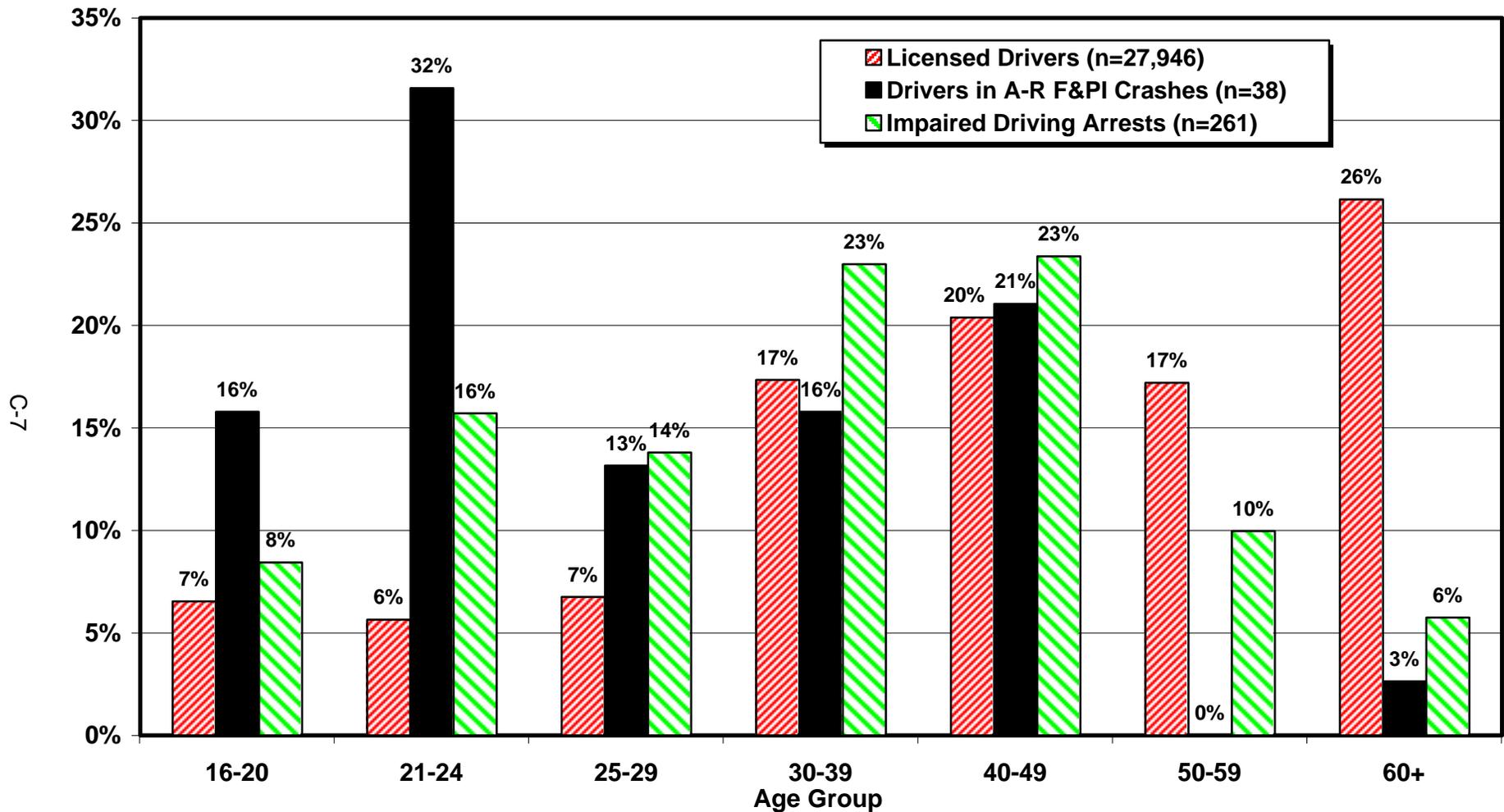
* Police-reported crashes only.

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.

Essex 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.

ESSEX COUNTY

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

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	6,631	7,773	8,294	9,011
% of total tickets	47.6	48.8	43.9	42.4
% convicted on same charge	71.1	69.0	67.9	57.6
SAFETY RESTRAINTS (V&T 1229c)	1,750	2,175	2,520	3,621
% of total tickets	12.6	13.7	13.3	17.0
% convicted on same charge	81.7	80.0	81.7	73.5
IMPAIRED DRIVING (V&T 1192)	274	303	288	348
% of total tickets	2.0	1.9	1.5	1.6
PERSONS ARRESTED*	263	280	262	335
% arrested as result of patrol activity**	83.6	79.3	83.6	81.8
% arrested as result of crash	16.4	18.9	16.0	14.9
% arrested as result of <i>other means</i> ***	0.0	1.8	0.4	3.3
TOTAL TICKETS FOR ALL V&T VIOLATIONS	13,942	15,929	18,900	21,277

* 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.

ESSEX COUNTY

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

	1999	2000	2001	2002
Persons Arrested	(N=263)	(N=280)	(N=262)	(N=335)
Case adjudicated	95.4%	92.9%	82.1%	89.9%
Case pending	4.6%	7.1%	17.9%	10.1%
Disposition of Adjudicated Cases*	(N=251)	(N=260)	(N=215)	(N=301)
<i>Convicted on Alcohol Charge</i>	88.8%	89.9%	93.0%	90.0%
Convicted on original alcohol charge	18.7%	21.1%	22.8%	17.9%
Convicted on reduced alcohol charge	55.8%	55.0%	57.2%	56.8%
Convicted on other alcohol charge	14.3%	13.8%	13.0%	15.3%
<i>Convicted on Non-Alcohol Charge</i>	6.4%	1.9%	1.9%	1.3%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	4.8%	8.2%	5.1%	8.7%
* 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.

ESSEX COUNTY

DWI/AI Probation Data

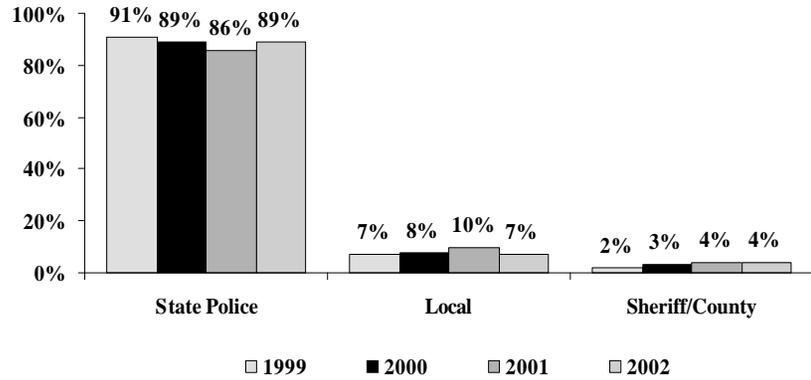
	1999	2000	2001	2002
Number of Persons Sentenced to Probation	42	31	40	35
Number of Persons on Probation*	102	120	131	133

* 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.

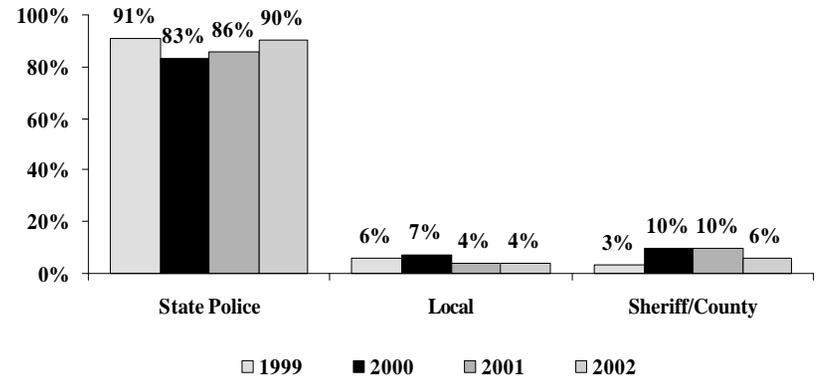
Source: NYS Division of Probation and Correctional Alternatives.

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

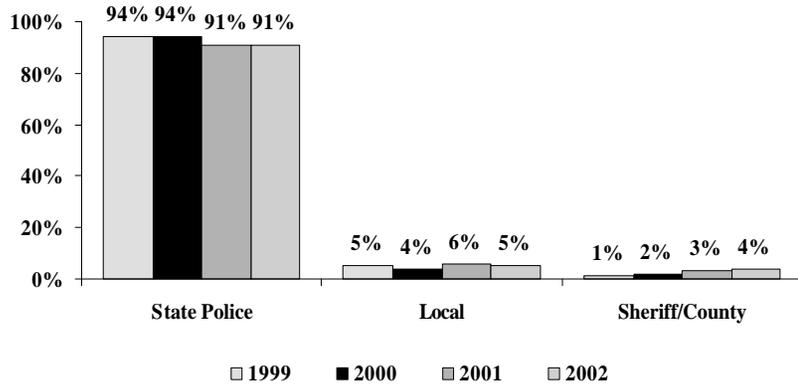
All Tickets



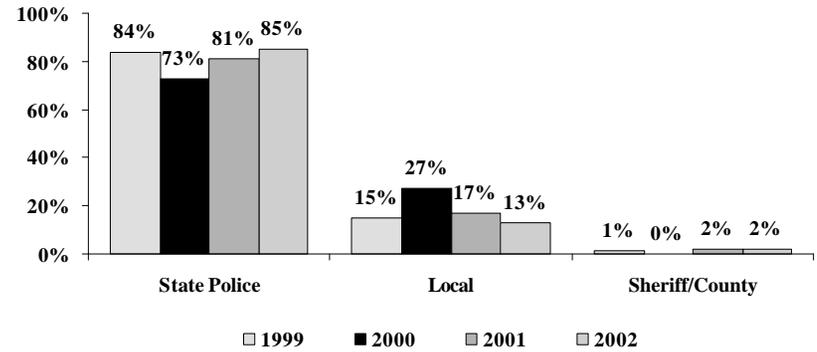
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ESSEX 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
Essex Sheriff NCIC 01500	alcohol	2	4.3	0.7	0	0.0	0.0	6	8.5	2.1	7	12.3	2.0
	speed	56	15.1	0.7	180	35.9	2.3	261	36.7	3.1	368	43.7	4.1
	seatbelt	46	31.3	2.6	228	61.0	10.5	256	72.3	10.2	218	58.6	6.0
Lake Placid P.D. NCIC 01523	alcohol	25	54.3	9.3	15	18.3	4.9	13	18.3	4.5	15	26.3	4.3
	speed	183	49.5	2.3	85	17.0	1.1	189	26.6	2.3	249	29.5	2.8
	seatbelt	25	17.0	1.4	11	2.9	0.5	16	4.5	0.6	15	4.0	0.4
Ticonderoga P.D. NCIC 01527	alcohol	10	21.7	3.7	61	74.4	19.9	49	69.0	17.0	34	59.6	9.9
	speed	48	13.0	0.6	93	18.6	1.2	131	18.4	1.6	119	14.1	1.3
	seatbelt	57	38.8	3.3	102	27.3	4.7	68	19.2	2.7	108	29.0	3.0
Town of Moriah P.D. NCIC 01551	alcohol	9	19.6	3.3	6	7.3	2.0	3	4.2	1.0	1	1.8	0.3
	speed	83	22.4	1.1	143	28.5	1.8	130	18.3	1.6	107	12.7	1.2
	seatbelt	19	12.9	1.1	33	8.8	1.5	14	4.0	0.6	31	8.3	0.9
Totals by Agency Type													
Sheriff and Local	alcohol	46		17.0	82		26.8	71		24.7	57		16.5
	speed	370		4.7	501		6.4	711		8.6	843		9.4
	seatbelt	147		8.4	374		17.2	354		14.1	372		10.3
State Police	alcohol	221		81.9	224		73.2	215		74.7	288		83.5
	speed	7,495		95.1	7,263		93.5	7,577		91.1	8,160		90.6
	seatbelt	1,581		90.5	1,803		82.8	2,138		85.4	3,248		89.7
Other	alcohol	3		1.1	0		0.0	2		0.7	0		0.0
	speed	14		0.2	4		0.1	25		0.3	6		0.1
	seatbelt	19		1.1	1		<0.1	12		0.5	0		0.0
County Totals													
	alcohol	270			306			288			345		
	speed	7,879			7,768			8,313			9,009		
	seatbelt	1,747			2,178			2,504			3,620		

Source: NYSDMV