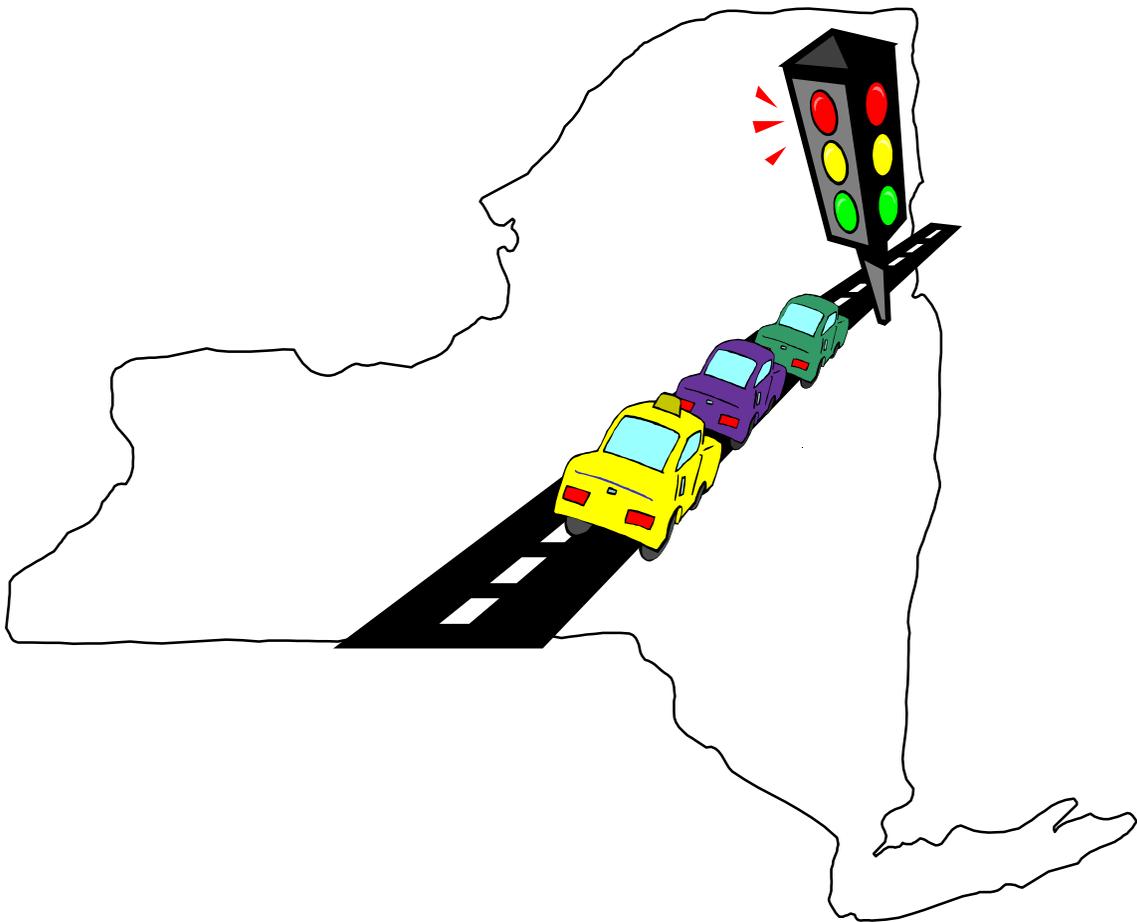


NIAGARA COUNTY

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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NIAGARA COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	3,834		4,100		3,349 *		2,488 *	
Fatal	18	0.5	13	0.3	25	0.7	25	1.0
Personal Injury	1,891	49.3	1,894	46.2	1,743	52.0	1,729	69.5
Property Damage*	1,925	50.2	2,193	53.5	1,581 *	47.2	734 *	29.5
SELECTED CRASH TYPES (events)								
Pedestrian crashes	120	3.1	92	2.2	88	2.6	90	3.6
Bicycle crashes	94	2.5	90	2.2	73	2.2	71	2.9
Motorcycle crashes	46	1.2	42	1.0	53	1.6	64	2.6
TOTAL FATALITIES (persons)	20		13		27		25	
Drivers	12	60.0	10	76.9	16	59.3	17	68.0
Passengers	3	15.0	1	7.7	7	25.9	3	12.0
Pedestrians	3	15.0	2	15.4	4	14.8	3	12.0
Bicyclists	2	10.0	0	0.0	0	0.0	2	8.0
TOTAL INJURIES** (persons)	2,734		2,641		2,444		2,263	
Drivers	1,698	62.1	1,676	63.5	1,595	65.3	1,487	65.7
Passengers	823	30.1	782	29.6	691	28.3	618	27.3
Pedestrians	117	4.3	91	3.4	84	3.4	82	3.6
Bicyclists	91	3.3	87	3.3	71	2.9	66	2.9

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

NIAGARA COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	177.37	186.49	153.27*	114.01*
Crash Rate per 10,000 Licensed Drivers	248.22	262.03	212.78*	158.55*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	130.83	126.63	115.83	113.55
Fatality & Injury Rate per 10,000 Licensed Drivers	183.09	177.92	160.81	157.91
MEAN SEVERITY OF INJURY (MSI)	1.379	1.330	1.350	1.344

* 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.

NIAGARA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	3,491		3,634		3,094		1,769	
Alcohol involvement	173	5.0	179	4.9	134	4.3	101	5.7
Unsafe speed	246	7.0	309	8.5	222	7.2	165	9.3
Driver inattention/distraction**	798	22.9	803	22.1	642	20.7	431	24.4
Failure to yield right-of-way	718	20.6	686	18.9	583	18.8	392	22.2
Following too closely	394	11.3	453	12.5	350	11.3	259	14.6
Improper passing/lane usage	175	5.0	184	5.1	130	4.2	58	3.3
Traffic control disregarded	184	5.3	206	5.7	173	5.6	127	7.2
Unsafe lane changing	100	2.9	113	3.1	82	2.7	47	2.7

* 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.

NIAGARA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants	K&A Occupants						
	%	%	%	%	%	%	%	%
	9,285	198	8,912	170	7,729	178	4,504	188
No restraint used	5.3	24.7	5.6	23.5	4.3	25.3	6.6	28.7
Restraint used	83.5	69.2	88.9	64.7	83.0	67.4	86.3	53.2
Restraint use unspecified	11.2	6.1	5.6	11.8	12.7	7.3	7.1	18.1

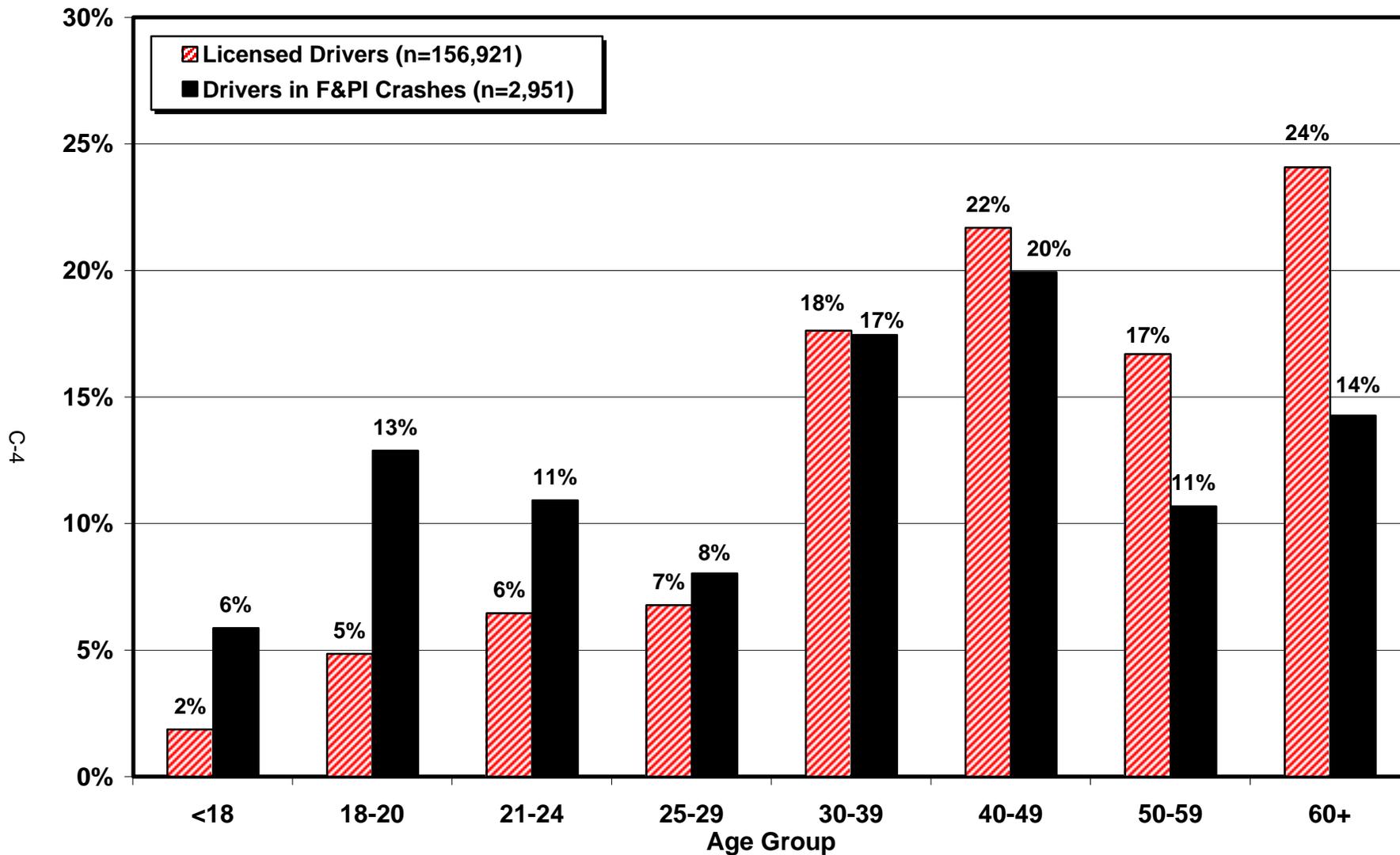
* Police-reported crashes only.

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.

Niagara County 2002

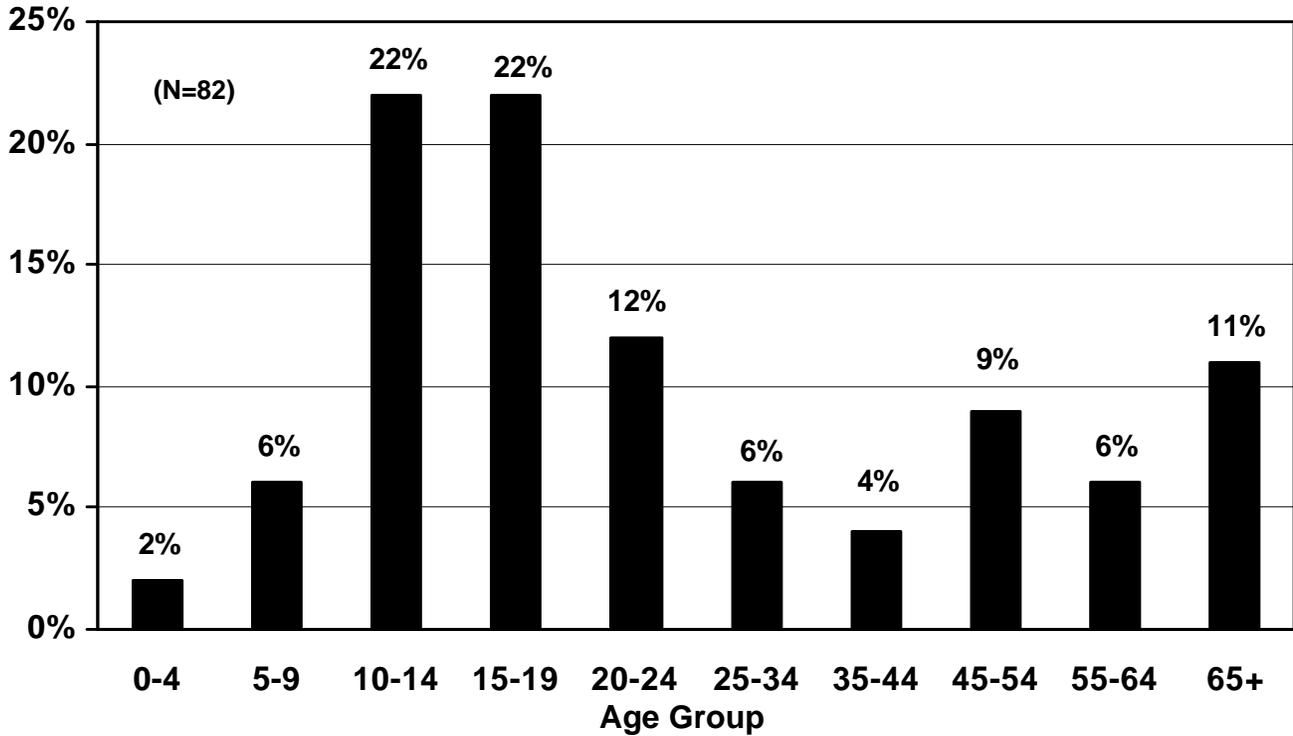
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

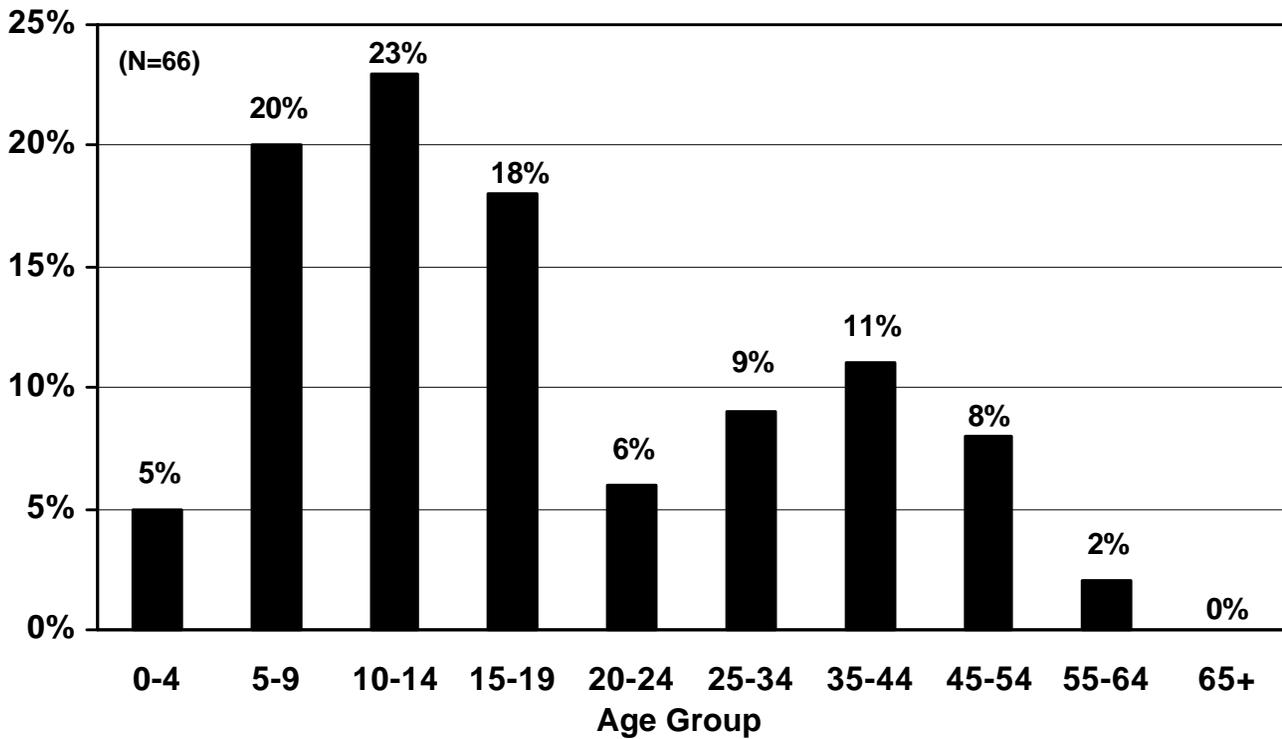
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

NIAGARA COUNTY

ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	3,491	3,634	3,094	1,769
Alcohol-related crashes	179	175	143	110
% of total crashes	5.1	4.8	4.6	6.2
FATAL CRASHES (events)	18	13	25	25
Alcohol-related fatal crashes	3	0	7	6
% of fatal crashes	16.7	0.0	28.0	24.0
PERSONAL INJURY CRASHES (events)	1,832	1,793	1,693	1,583
Alcohol-related injury crashes	120	122	91	101
% of injury crashes	6.6	6.8	5.4	6.4
TOTAL FATALITIES (persons)	20	13	27	25
Alcohol-related fatalities	3	0	8	6
% of total fatalities	15.0	0.0	29.6	24.0
TOTAL INJURIES (persons)	2,734	2,641	2,444	2,263
Alcohol-related injuries	196	178	130	156
% of total injuries	7.2	6.7	5.3	6.9

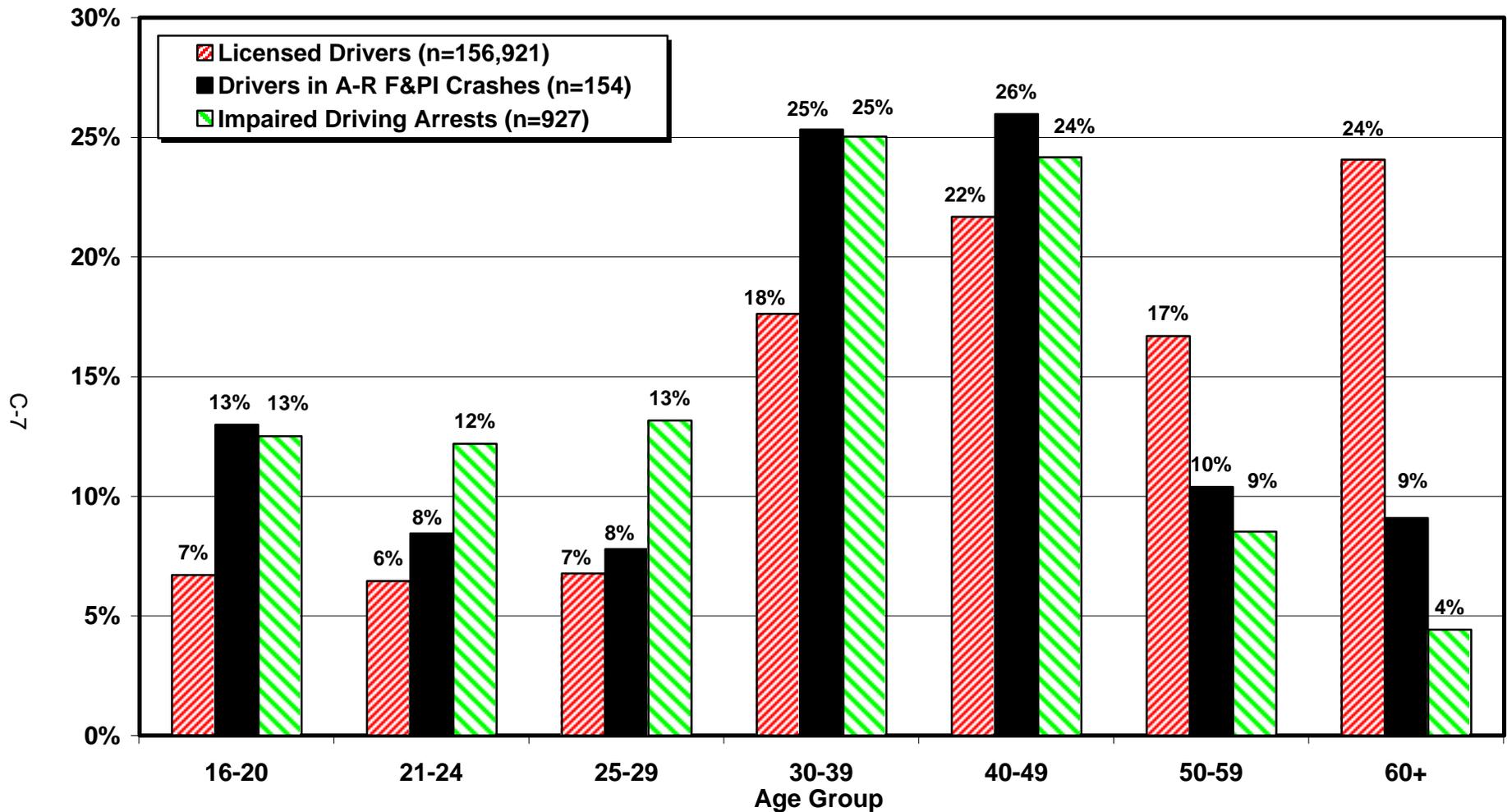
* Police-reported crashes only.

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.

Niagara 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.

NIAGARA COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	14,172	14,176	14,912	15,391
% of total tickets	32.7	34.3	33.4	32.0
% convicted on same charge	27.5	23.9	20.5	19.6
SAFETY RESTRAINTS (V&T 1229c)	5,459	4,506	5,042	5,398
% of total tickets	12.6	10.9	11.3	11.2
% convicted on same charge	76.6	70.0	64.1	53.7
IMPAIRED DRIVING (V&T 1192)	1,190	1,064	1,091	1,302
% of total tickets	2.7	2.6	2.4	2.7
PERSONS ARRESTED*	999	890	928	1,044
% arrested as result of patrol activity**	92.3	93.0	92.7	90.9
% arrested as result of crash	6.9	6.7	6.7	8.2
% arrested as result of <i>other means</i> ***	0.8	0.2	0.7	0.9
TOTAL TICKETS FOR ALL V&T VIOLATIONS	43,276	41,276	44,607	48,107

* 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.

NIAGARA COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=999)	(N=890)	(N=928)	(N=1,044)
Case adjudicated	96.6%	86.2%	97.6%	87.5%
Case pending	3.4%	13.8%	2.4%	12.5%
Disposition of Adjudicated Cases*	(N=965)	(N=767)	(N=906)	(N=913)
Convicted on Alcohol Charge	90.5%	89.6%	87.6%	92.5%
Convicted on original alcohol charge	18.0%	21.4%	19.3%	25.0%
Convicted on reduced alcohol charge	57.1%	47.5%	47.2%	48.5%
Convicted on other alcohol charge	15.4%	20.7%	21.1%	19.0%
Convicted on Non-Alcohol Charge	3.8%	5.1%	5.2%	3.4%
Dismissed/Acquitted/Convicted on charge associated with different event	5.7%	5.3%	7.2%	4.1%
* 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.

NIAGARA COUNTY

DWI/AI Probation Data

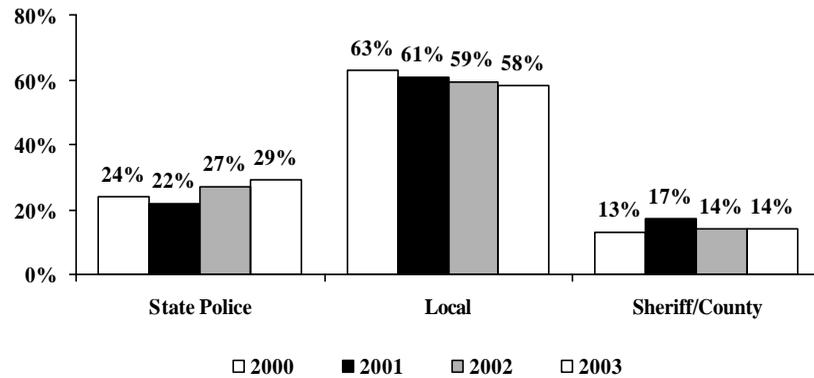
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	193	157	161	199
Number of Persons on Probation*	549	563	539	477

* 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.

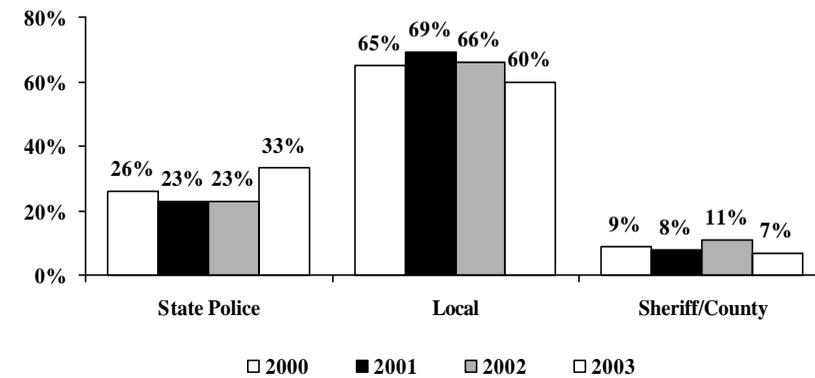
Source: NYS Division of Probation and Correctional Alternatives.

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

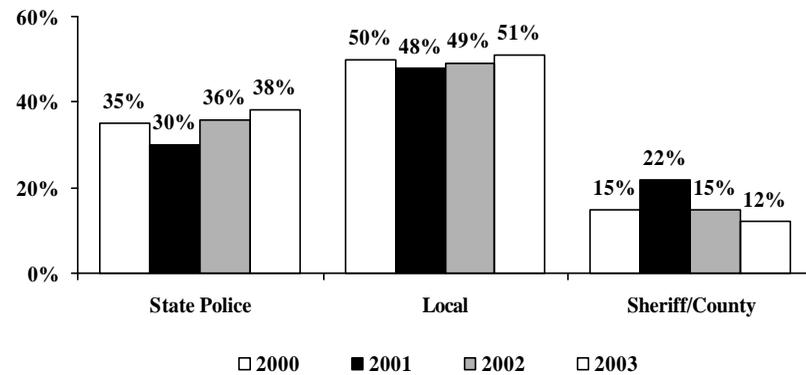
All Tickets



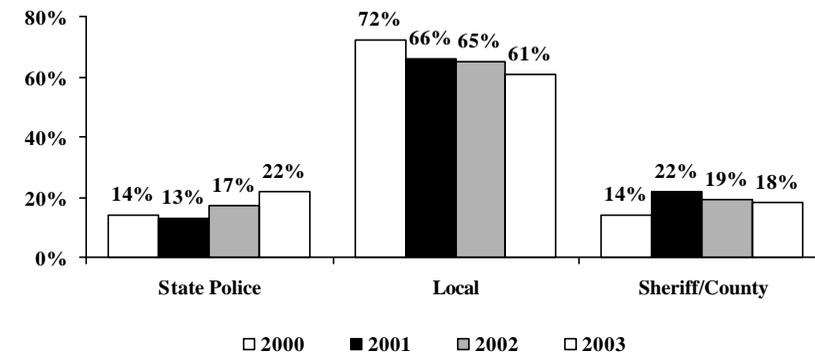
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



C-10

NIAGARA 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
Niagara Sheriff NCIC 03100	alcohol	171	16.5	14.3	219	23.1	20.6	187	20.3	17.1	201	20.0	15.4
	speed	2,385	25.3	16.5	3,079	31.0	21.8	2,302	24.0	15.4	1,824	19.0	11.9
	seatbelt	542	13.2	9.8	353	10.2	7.8	556	14.4	11.0	394	10.9	7.3
Lockport P.D. NCIC 03101	alcohol	233	22.5	19.4	134	14.1	12.6	128	13.9	11.7	124	12.3	9.5
	speed	843	8.9	5.8	777	7.8	5.5	626	6.5	4.2	551	5.7	3.6
	seatbelt	1,218	29.7	22.0	487	14.1	10.8	510	13.2	10.1	395	11.0	7.3
Niagara Falls City P.D. NCIC 03102	alcohol	242	23.4	20.2	177	18.7	16.6	169	18.3	15.5	192	19.1	14.7
	speed	1,412	15.0	9.8	1,477	14.9	10.4	1,187	12.4	8.0	1,151	12.0	7.5
	seatbelt	1,207	29.4	21.8	1,595	46.1	35.5	1,553	40.2	30.8	1,376	38.1	25.5
North Tonawanda P.D. NCIC 03103	alcohol	154	14.9	12.8	191	20.1	17.9	195	21.2	17.9	232	23.1	17.8
	speed	1,187	12.6	8.2	1,069	10.8	7.6	1,871	19.5	12.5	2,799	29.2	18.2
	seatbelt	260	6.3	4.7	367	10.6	8.2	345	8.9	6.8	520	14.4	9.6
Middleport P.D. NCIC 03120	alcohol	19	1.8	1.6	11	1.2	1.0	12	1.3	1.1	21	2.1	1.6
	speed	274	2.9	1.9	461	4.6	3.3	622	6.5	4.2	670	7.0	4.4
	seatbelt	77	1.9	1.4	115	3.3	2.6	173	4.5	3.4	122	3.4	2.3
Village of Lewiston P.D. NCIC 03121	alcohol	0	0.0	0.0	2	0.2	0.2	23	2.5	2.1	57	5.7	4.4
	speed	1	<0.1	<0.1	0	0.0	0.0	165	1.7	1.1	468	4.9	3.0
	seatbelt	0	0.0	0.0	0	0.0	0.0	34	0.9	0.7	192	5.3	3.6
Vil. of Youngstown P.D. NCIC 03123	alcohol	0	0.0	0.0	4	0.4	0.4	2	0.2	0.2	3	0.3	0.2
	speed	53	0.6	0.4	95	1.0	0.7	45	0.5	0.3	26	0.3	0.2
	seatbelt	7	0.2	0.1	13	0.4	0.3	9	0.2	0.2	2	0.1	<0.1
Town of Lewiston P.D. NCIC 03154	alcohol	70	6.8	5.8	79	8.3	7.4	62	6.7	5.7	3	0.3	0.2
	speed	793	8.4	5.5	905	9.1	6.4	477	5.0	3.2	2	<0.1	<0.1
	seatbelt	346	8.4	6.2	268	7.8	6.0	156	4.0	3.1	0	0.0	0.0

NIAGARA 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 Niagara P.D. NCIC 03155	alcohol	51	4.9	4.3	45	4.7	4.2	38	4.1	3.5	81	8.1	6.2
	speed	1,561	16.6	10.8	902	9.1	6.4	852	8.9	5.7	905	9.4	5.9
	seatbelt	235	5.7	4.2	150	4.3	3.3	262	6.8	5.2	424	11.8	7.9
NYS Park P.D./ Niagara NCIC 03190	alcohol	91	8.8	7.6	75	7.9	7.0	91	9.9	8.3	83	8.3	6.4
	speed	647	6.9	4.5	791	8.0	5.6	1,155	12.1	7.7	974	10.2	6.3
	seatbelt	165	4.0	3.0	96	2.8	2.1	235	6.1	4.7	147	4.1	2.7
Village of Barker P.D. NCIC 03125	alcohol	4	0.4	0.3	12	1.3	1.1	14	1.5	1.3	8	0.8	0.6
	speed	268	2.8	1.9	383	3.9	2.7	271	2.8	1.8	225	2.3	1.5
	seatbelt	46	1.1	0.8	13	0.4	0.3	33	0.9	0.7	35	1.0	0.6
Totals by Agency Type													
Sheriff and Local	alcohol	1,035		86.3	949		89.1	921		84.4	1,005		77.2
	speed	9,424		65.3	9,939		70.3	9,573		64.2	9,595		62.3
	seatbelt	4,103		74.0	3,457		76.9	3,866		76.7	3,607		66.8
State Police	alcohol	165		13.8	116		10.9	170		15.6	295		22.7
	speed	5,012		34.7	4,204		29.7	5,338		35.8	5,776		37.5
	seatbelt	1,439		26.0	1,041		23.1	1,176		23.3	1,791		33.2
Other incl Park Police	alcohol	0		0.0	0		0.0	0		0.0	2		0.2
	speed	5		<0.1	0		0.0	0		0.0	20		0.1
	seatbelt	0		0.0	0		0.0	0		0.0	0		0.0
County Totals													
	alcohol	1,200			1,065			1,091			1,302		
	speed	14,441			14,143			14,911			15,391		
	seatbelt	5,542			4,498			5,042			5,398		

Source: NYSDMV