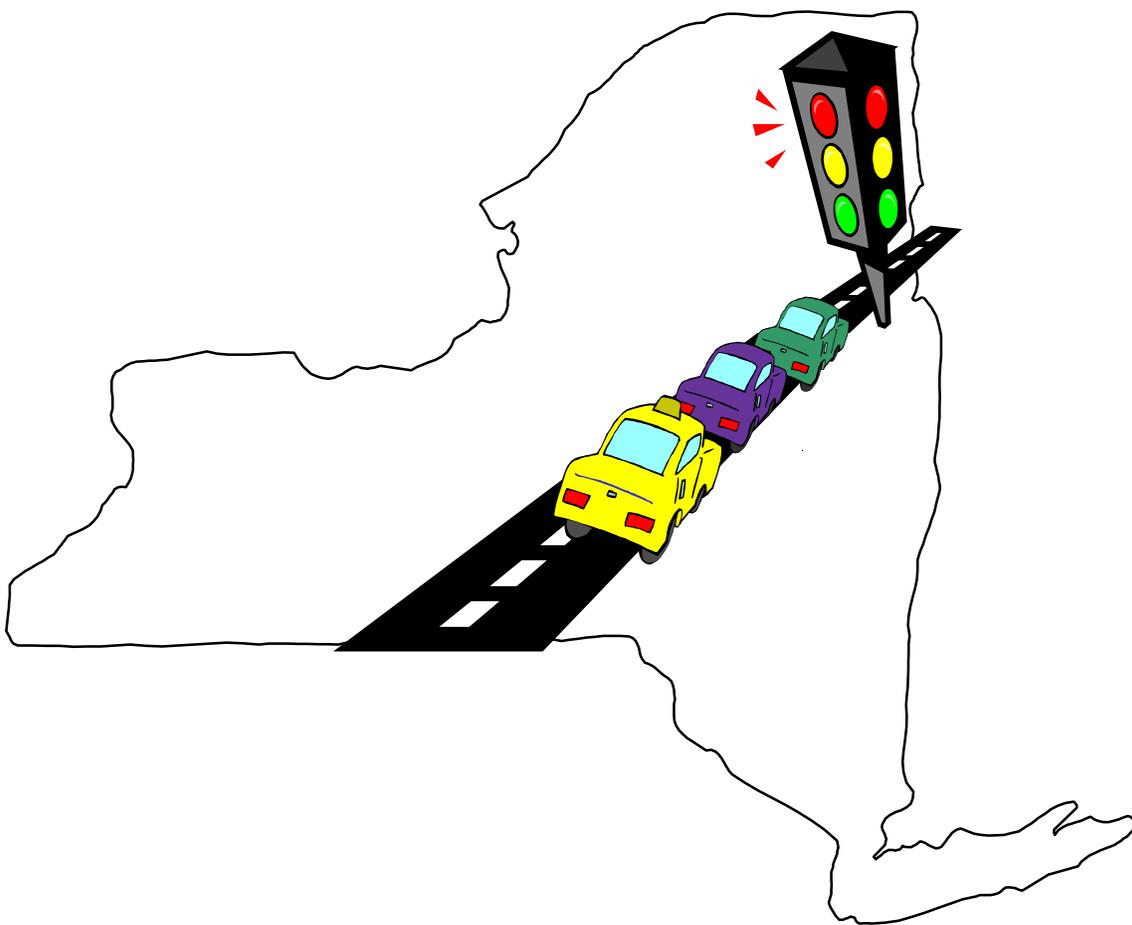


CORTLAND COUNTY

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 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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CORTLAND COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	1,300		1,326		1,061 *		672 *	
Fatal	8	0.6	3	0.2	6	0.6	6	0.9
Personal Injury	412	31.7	384	29.0	378	35.6	424	63.1
Property Damage*	880	67.7	939	70.8	677 *	63.8	242 *	36.0
SELECTED CRASH TYPES (events)								
Pedestrian crashes	15	1.2	14	1.1	22	2.1	21	3.1
Bicycle crashes	10	0.8	5	0.4	4	0.4	9	1.3
Motorcycle crashes	15	1.2	13	1.0	20	1.9	11	1.6
TOTAL FATALITIES (persons)	8		3		7		7	
Drivers	6	75.0	2	66.7	6	85.7	4	57.1
Passengers	2	25.0	1	33.3	1	14.3	2	28.6
Pedestrians	0	0.0	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	1	14.3
TOTAL INJURIES** (persons)	577		539		495		552	
Drivers	371	64.3	349	64.7	315	63.6	355	64.3
Passengers	180	31.2	169	31.4	155	31.3	167	30.3
Pedestrians	17	2.9	17	3.2	21	4.2	21	3.8
Bicyclists	9	1.6	4	0.7	4	0.8	8	1.4

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

CORTLAND COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	270.80	272.85	218.93*	138.61*
Crash Rate per 10,000 Licensed Drivers	412.78	412.85	327.79*	207.34*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	124.36	112.97	104.41	121.70
Fatality & Injury Rate per 10,000 Licensed Drivers	189.56	170.93	156.33	182.04
MEAN SEVERITY OF INJURY (MSI)	1.424	1.376	1.389	1.484

* 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.

CORTLAND COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	1,239		1,260		1,026		475	
Alcohol involvement	52	4.2	46	3.7	29	2.8	41	8.6
Unsafe speed	230	18.6	270	21.4	189	18.4	126	26.5
Driver inattention/distraction**	132	10.7	121	9.6	124	12.1	67	14.1
Failure to yield right-of-way	165	13.3	155	12.3	127	12.4	64	13.5
Following too closely	150	12.1	157	12.5	114	11.1	69	14.5
Improper passing/lane usage	58	4.7	53	4.2	43	4.2	14	2.9
Traffic control disregarded	42	3.4	28	2.2	37	3.6	18	3.8
Unsafe lane changing	30	2.4	28	2.2	27	2.6	15	3.2

* 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.

CORTLAND COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	2,961	58	2,803	37	2,294	30	1,103	53
No restraint used	4.7	43.1	4.3	21.6	3.7	13.3	7.0	26.4
Restraint used	87.8	48.3	94.5	81.1	90.8	80.0	89.2	64.2
Restraint use unspecified	7.4	8.6	1.1	0.0	5.5	6.7	3.8	9.4

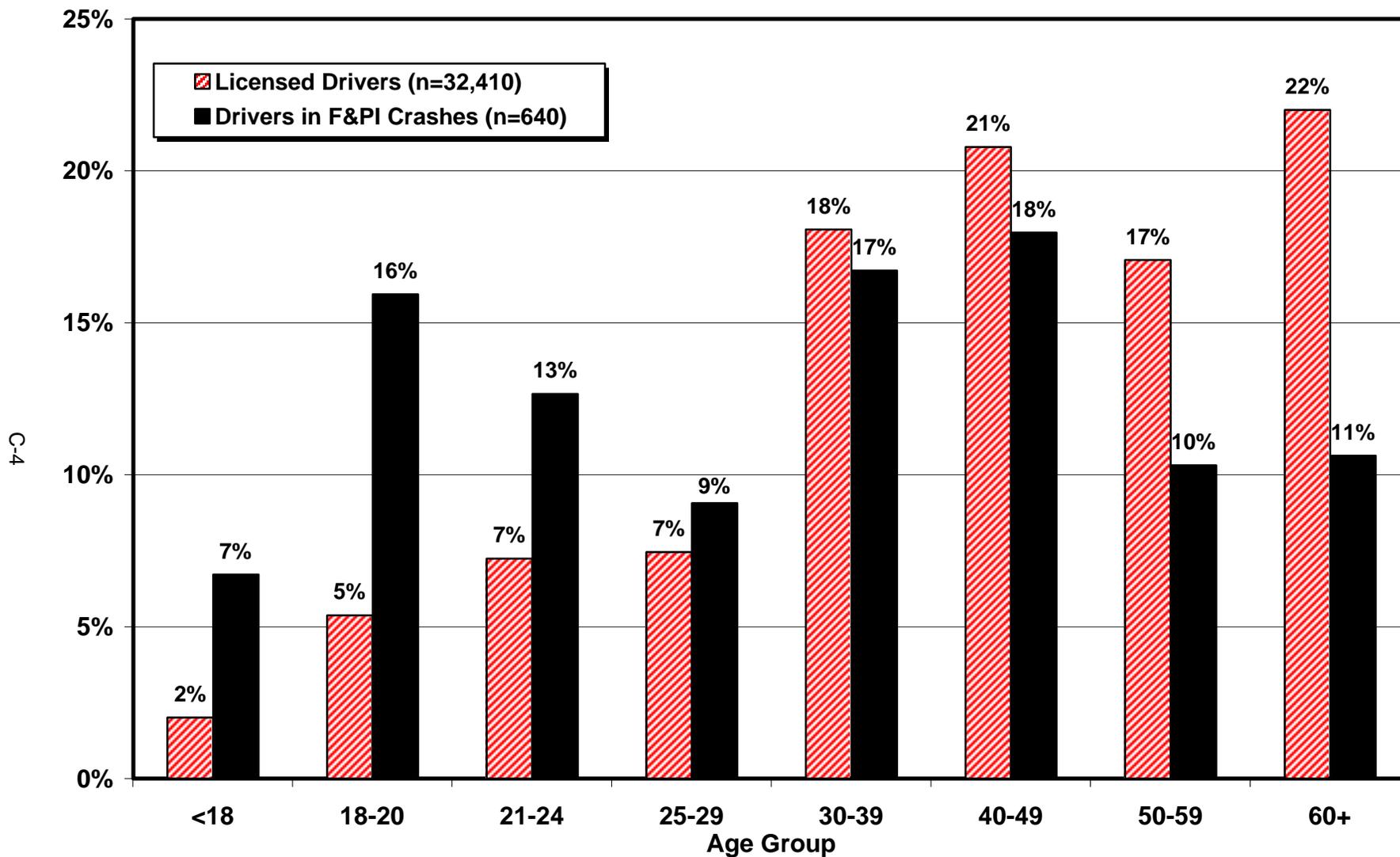
* Police-reported crashes only.

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.

Cortland 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.

Cortland County 2002

Pedestrians and Bicyclists Killed or Injured by Age Group

Age Group	Pedestrians	Bicyclists
0 - 4	0	0
5 - 9	1	0
10 - 14	1	4
15 - 19	2	2
20 - 24	8	2
25 - 34	2	0
35 - 44	4	0
45 - 54	1	0
55 - 64	0	1
65+	1	0
Total	20	9

Source: NYSDMV AIS Data Base.

CORTLAND COUNTY
ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	1,239	1,260	1,026	475
Alcohol-related crashes	52	47	29	44
% of total crashes	4.2	3.7	2.8	9.3
FATAL CRASHES (events)	8	3	6	6
Alcohol-related fatal crashes	2	2	0	1
% of fatal crashes	25.0	66.7	0.0	16.7
PERSONAL INJURY CRASHES (events)	401	378	374	401
Alcohol-related injury crashes	34	24	20	42
% of injury crashes	8.5	6.3	5.3	10.5
TOTAL FATALITIES (persons)	8	3	7	7
Alcohol-related fatalities	2	2	0	1
% of total fatalities	25.0	66.7	0.0	14.3
TOTAL INJURIES (persons)	577	539	495	552
Alcohol-related injuries	56	37	25	56
% of total injuries	9.7	6.9	5.1	10.1

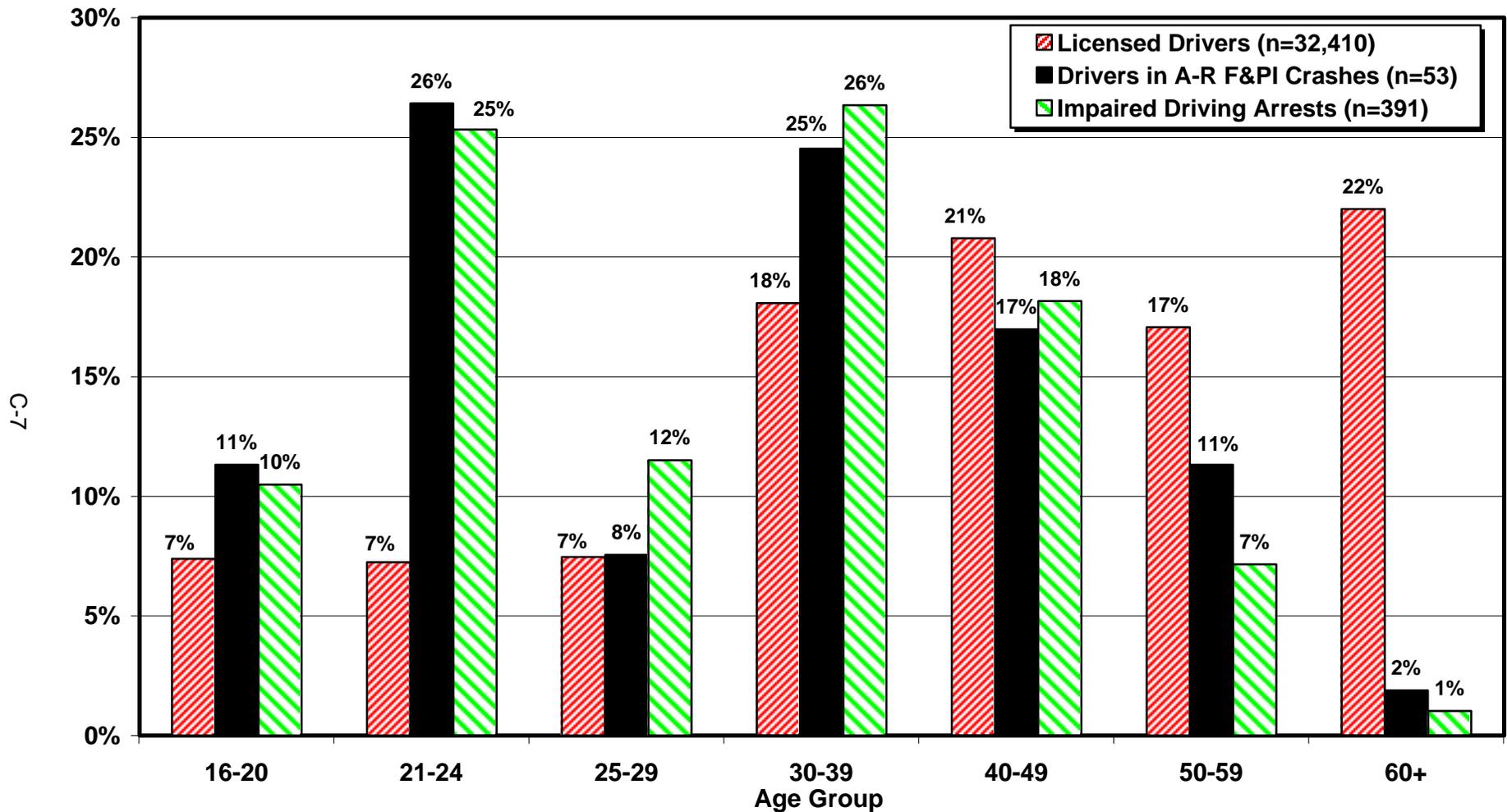
* Police-reported crashes only.

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.

Cortland 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.

CORTLAND COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	5,477	5,557	6,178	6,699
% of total tickets	31.0	34.0	34.8	40.8
% convicted on same charge	67.0	63.8	57.6	51.9
SAFETY RESTRAINTS (V&T 1229c)	3,040	2,240	2,354	1,878
% of total tickets	17.2	13.7	13.2	11.4
% convicted on same charge	86.0	85.7	81.4	70.1
IMPAIRED DRIVING (V&T 1192)	438	370	488	573
% of total tickets	2.5	2.3	2.7	3.5
PERSONS ARRESTED*	362	312	393	366
% arrested as result of patrol activity**	77.5	75.3	75.6	72.4
% arrested as result of crash	15.8	14.4	16.5	15.3
% arrested as result of <i>other means</i> ***	6.7	10.3	7.9	12.3
TOTAL TICKETS FOR ALL V&T VIOLATIONS	17,675	16,349	17,777	16,415

* 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.

CORTLAND COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=362)	(N=312)	(N=393)	(N=366)
Case adjudicated	95.9%	89.1%	96.9%	91.0%
Case pending	4.1%	10.9%	3.1%	9.0%
Disposition of Adjudicated Cases*	(N=347)	(N=278)	(N=381)	(N=333)
<i>Convicted on Alcohol Charge</i>	91.7%	94.6%	92.4%	95.8%
Convicted on original alcohol charge	25.4%	21.9%	21.8%	27.9%
Convicted on reduced alcohol charge	63.4%	70.5%	68.0%	63.7%
Convicted on other alcohol charge	2.9%	2.2%	2.6%	4.2%
<i>Convicted on Non-Alcohol Charge</i>	2.0%	1.4%	1.8%	1.2%
<i>Dismissed/Acquitted/Convicted on charge associated with different event</i>	6.3%	4.0%	5.8%	3.0%
* 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.

CORTLAND COUNTY

DWI/AI Probation Data

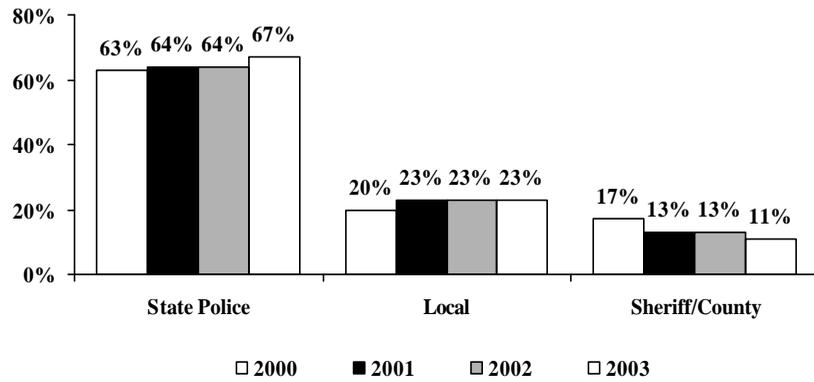
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	63	51	50	68
Number of Persons on Probation*	175	189	156	146

* 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.

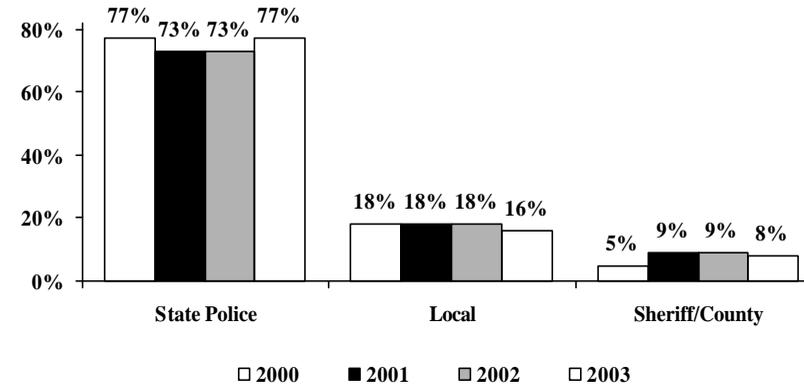
Source: NYS Division of Probation and Correctional Alternatives.

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

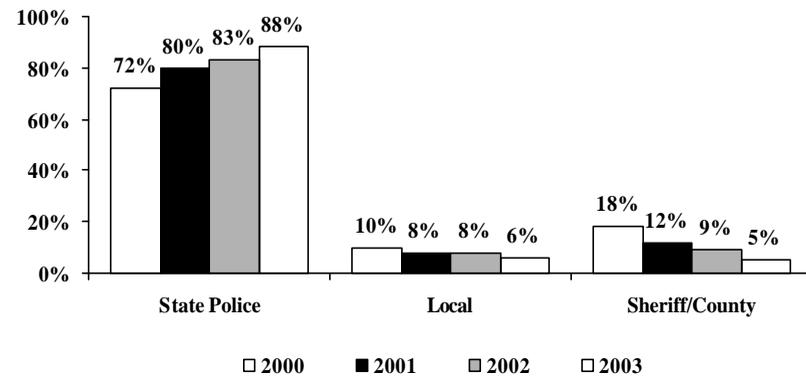
All Tickets



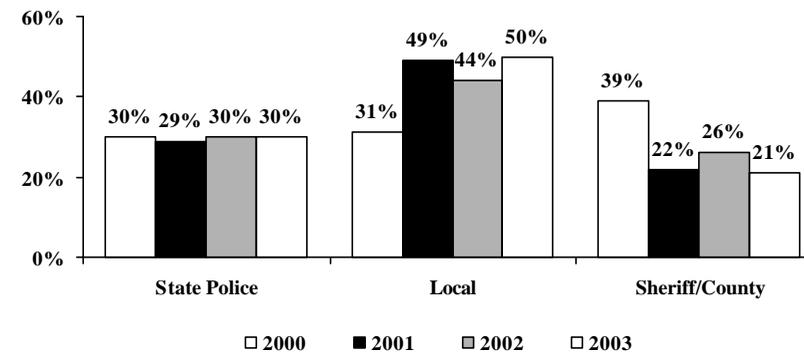
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CORTLAND 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
Cortland Sheriff NCIC 01100	alcohol	171	56.1	39.0	109	39.8	29.5	164	44.9	33.6	126	28.6	22.0
	speed	994	63.6	18.2	634	58.1	11.4	543	51.3	8.8	365	47.5	5.4
	seatbelt	149	21.1	4.9	207	34.8	9.2	223	34.7	9.5	144	33.1	7.7
Cortland City P.D. NCIC 01101	alcohol	89	29.2	20.3	126	46.0	34.1	169	46.3	34.6	295	66.9	51.5
	speed	330	21.1	6.0	327	29.9	5.9	358	33.8	5.8	196	25.5	2.9
	seatbelt	302	42.8	9.9	244	41.0	10.9	280	43.6	11.9	202	46.4	10.8
SUNY Cortland NCIC 01104	alcohol	8	2.6	1.8	6	2.2	1.6	14	3.8	2.9	6	1.4	1.0
	speed	7	0.4	0.1	0	0.0	0.0	15	1.4	0.2	100	13.0	1.5
	seatbelt	56	7.9	1.8	57	9.6	2.5	54	8.4	2.3	41	9.4	2.2
Homer P.D. NCIC 01120	alcohol	37	12.1	8.4	33	12.0	8.9	17	4.7	3.5	14	3.2	2.4
	speed	204	13.0	3.7	115	10.5	2.1	119	11.2	1.9	93	12.1	1.4
	seatbelt	178	25.2	5.8	68	11.4	3.0	74	11.5	3.1	38	8.7	2.0
Village of McGraw P.D. NCIC 01121	alcohol	0	0.0	0.0	0	0.0	0.0	1	0.3	0.2	0	0.0	0.0
	speed	29	1.9	0.5	16	1.5	0.3	24	2.3	0.4	14	1.8	0.2
	seatbelt	20	2.8	0.7	19	3.2	0.8	11	1.7	0.5	10	2.3	0.5
Totals by Agency Type													
Sheriff and Local	alcohol	305		69.6	274		74.3	365		74.8	441		77.0
	speed	1,564		28.6	1,092		19.7	1,059		17.1	768		11.5
	seatbelt	705		23.1	595		26.6	642		27.3	435		23.2
State Police	alcohol	133		30.4	95		25.7	123		25.2	132		23.0
	speed	3,905		71.4	4,461		80.3	5,115		82.8	5,926		88.5
	seatbelt	2,346		76.9	1,644		73.4	1,711		72.7	1,442		76.8
Other incl. Park Police	alcohol	0		0.0	0		0.0	0		0.0	0		0.0
	speed	1		<0.1	1		<0.1	4		0.1	5		0.1
	seatbelt	0		0.0	0		0.0	1		<0.1	1		0.1
County Totals													
	alcohol	438			369			488			573		
	speed	5,470			5,554			6,178			6,699		
	seatbelt	3,051			2,239			2,354			1,878		

Source: NYSDMV