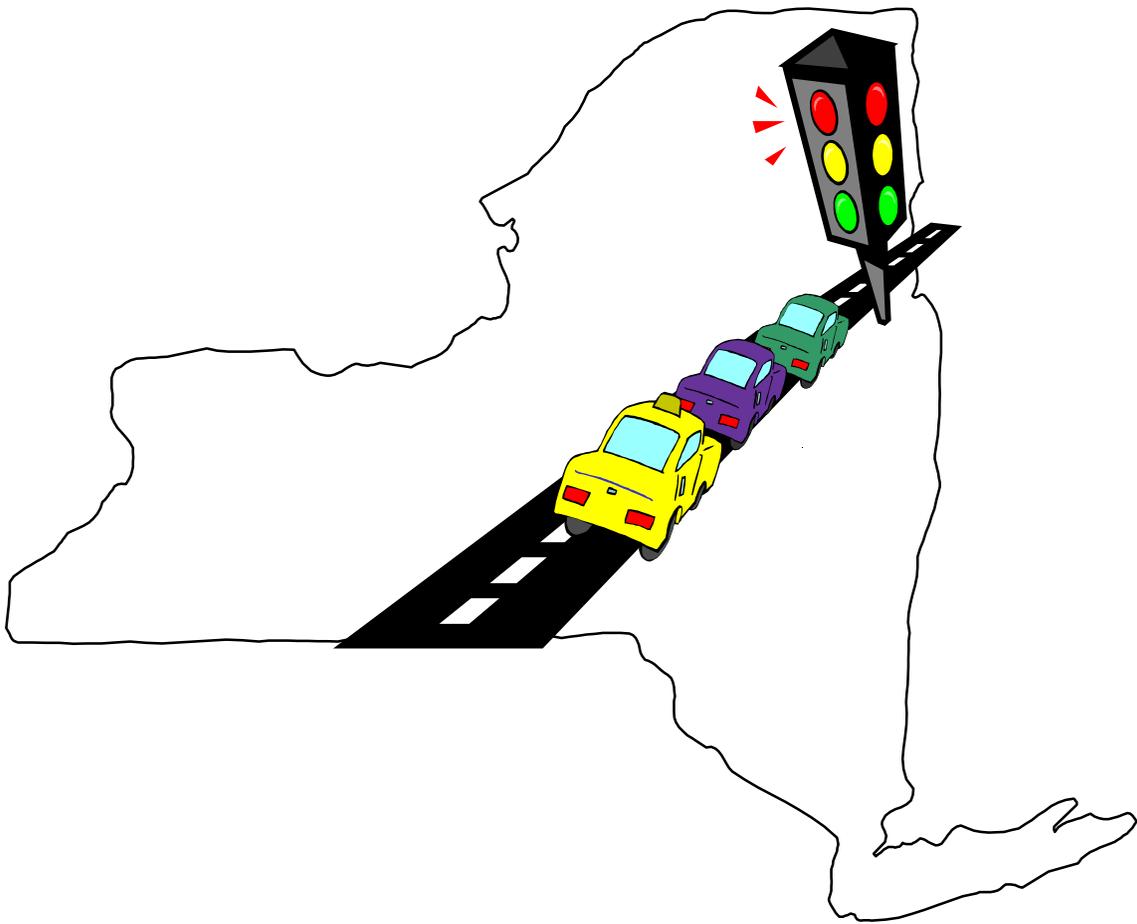


COLUMBIA COUNTY

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 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

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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Genesee
Niagara
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Wyoming

COLUMBIA COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	1,412		1,492		1,239 *		894 *	
Fatal	8	0.6	11	0.7	3	0.2	12	1.3
Personal Injury	528	37.4	485	32.5	514	41.5	511	57.2
Property Damage*	876	62.0	996	66.8	722 *	58.3	371 *	41.5
SELECTED CRASH TYPES (events)								
Pedestrian crashes	14	1.0	16	1.1	15	1.2	10	1.1
Bicycle crashes	16	1.1	6	0.4	10	0.8	3	0.3
Motorcycle crashes	13	0.9	22	1.5	31	2.5	22	2.5
TOTAL FATALITIES (persons)	10		11		5		12	
Drivers	5	50.0	10	90.9	3	60.0	8	66.7
Passengers	5	50.0	1	9.1	2	40.0	3	25.0
Pedestrians	0	0.0	0	0.0	0	0.0	1	8.3
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	763		665		694		678	
Drivers	497	65.1	441	66.3	466	67.1	462	68.1
Passengers	237	31.1	202	30.4	203	29.3	204	30.1
Pedestrians	14	1.8	16	2.4	16	2.3	9	1.3
Bicyclists	15	2.0	6	0.8	8	1.2	3	0.4

* 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.

COLUMBIA COUNTY

CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	224.12	236.47	196.07*	141.38*
Crash Rate per 10,000 Licensed Drivers	312.47	323.83	264.72*	188.30*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	128.57	111.74	112.83	123.36
Fatality & Injury Rate per 10,000 Licensed Drivers	179.25	153.01	152.33	164.29
MEAN SEVERITY OF INJURY (MSI)	1.508	1.450	1.514	1.424

* 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.

COLUMBIA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	1,219		1,299		1,122		549	
Alcohol involvement	49	4.0	39	3.0	50	4.5	36	6.6
Unsafe speed	182	14.9	193	14.9	168	15.0	106	19.3
Driver inattention/distraction**	151	12.4	182	14.0	117	10.4	86	15.7
Failure to yield right-of-way	138	11.3	149	11.5	116	10.3	83	15.1
Following too closely	131	10.7	111	8.5	88	7.8	68	12.4
Improper passing/lane usage	56	4.6	56	4.3	55	4.9	42	7.7
Traffic control disregarded	24	2.0	24	1.8	32	2.9	25	4.6
Unsafe lane changing	28	2.3	18	1.4	7	0.6	9	1.6

* 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: 1999-2000 NYSDMV county MV-144A, Table 13(P).
2001-2002 NYSDMV AIS Data Base.

COLUMBIA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %						
	2,593	80	2,717	71	2,354	84	1,229	73
No restraint used	6.0	26.3	4.0	25.4	4.5	11.9	5.5	13.7
Restraint used	90.4	68.8	93.7	67.6	87.0	82.1	90.3	71.2
Restraint use unspecified	3.6	5.0	2.2	7.0	8.5	6.0	4.2	15.1

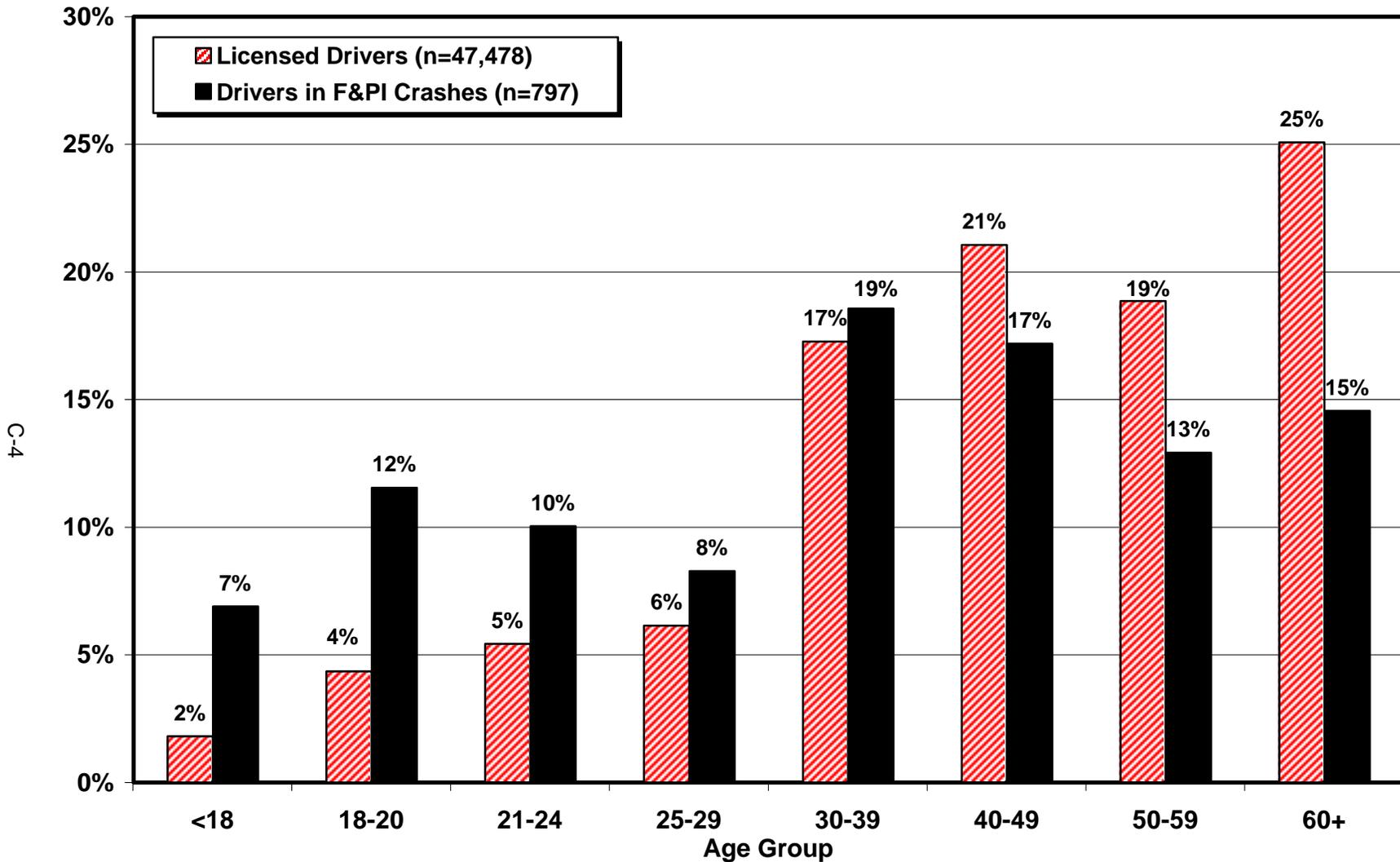
* Police-reported crashes only.

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.

Columbia 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.

Columbia County 2002

Pedestrians and Bicyclists Killed or Injured by Age Group

Age Group	Pedestrians	Bicyclists
0 - 4	0	0
5 - 9	3	0
10 - 14	1	0
15 - 19	3	2
20 - 24	1	0
25 - 34	0	0
35 - 44	1	1
45 - 54	0	0
55 - 64	0	0
65+	1	0
Total	10	3

Source: NYSDMV AIS Data Base.

COLUMBIA COUNTY
ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	1,219	1,299	1,122	549
Alcohol-related crashes	49	41	52	36
% of total crashes	4.0	3.2	4.6	6.6
FATAL CRASHES (events)	8	11	3	12
Alcohol-related fatal crashes	0	5	1	4
% of fatal crashes	0.0	45.5	33.3	33.3
PERSONAL INJURY CRASHES (events)	500	460	501	468
Alcohol-related injury crashes	33	21	35	31
% of injury crashes	6.6	4.6	7.0	6.6
TOTAL FATALITIES (persons)	10	11	5	12
Alcohol-related fatalities	0	5	1	4
% of total fatalities	0.0	45.5	20.0	33.3
TOTAL INJURIES (persons)	763	665	694	678
Alcohol-related injuries	40	35	54	42
% of total injuries	5.2	5.3	7.8	6.2

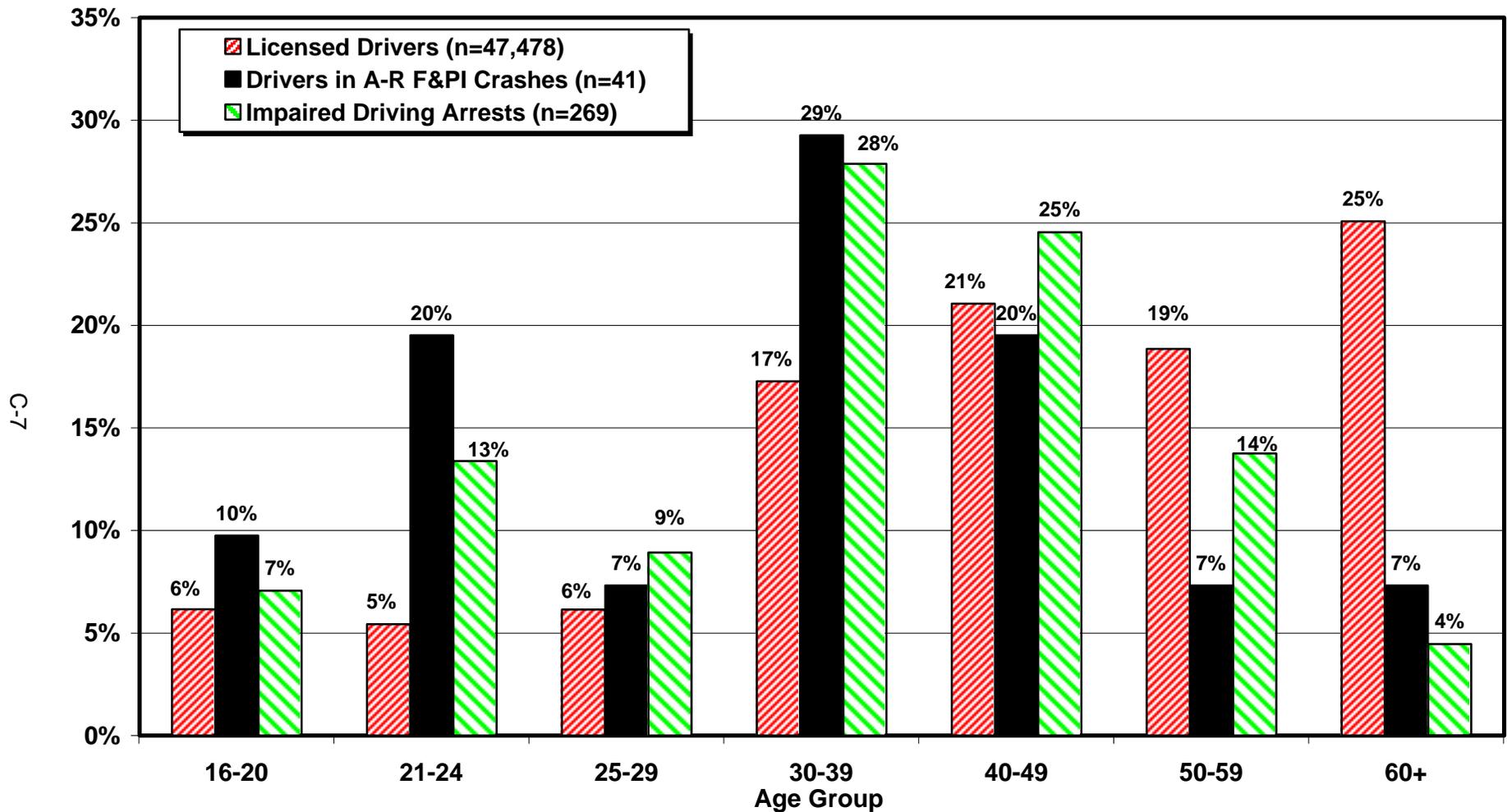
* Police-reported crashes only.

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.

Columbia 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.

COLUMBIA COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	11,145	10,509	10,213	8,477
% of total tickets	43.4	42.2	42.4	35.7
% convicted on same charge	61.0	55.8	50.5	46.9
SAFETY RESTRAINTS (V&T 1229c)	3,927	3,042	2,853	3,039
% of total tickets	15.3	12.2	11.8	12.8
% convicted on same charge	87.0	82.6	76.6	67.3
IMPAIRED DRIVING (V&T 1192)	436	423	378	537
% of total tickets	1.7	1.7	1.6	2.3
PERSONS ARRESTED*	340	317	269	374
% arrested as result of patrol activity**	89.7	83.9	84.4	89.3
% arrested as result of crash	8.5	14.8	15.2	9.9
% arrested as result of <i>other means</i> ***	1.8	1.3	0.4	0.8
TOTAL TICKETS FOR ALL V&T VIOLATIONS	25,681	24,924	24,086	23,770

* 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.

COLUMBIA COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=340)	(N=317)	(N=269)	(N=374)
Case adjudicated	89.7%	69.4%	92.2%	79.1%
Case pending	10.3%	30.6%	7.8%	20.9%
Disposition of Adjudicated Cases*	(N=305)	(N=220)	(N=248)	(N=296)
Convicted on Alcohol Charge	88.9%	88.7%	89.1%	91.6%
Convicted on original alcohol charge	47.9%	45.5%	52.4%	51.4%
Convicted on reduced alcohol charge	22.0%	22.7%	23.0%	25.3%
Convicted on other alcohol charge	19.0%	20.5%	13.7%	14.9%
Convicted on Non-Alcohol Charge	2.6%	1.8%	2.4%	1.4%
Dismissed/Acquitted/Convicted on charge associated with different event	8.5%	9.5%	8.5%	7.0%
* 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.

COLUMBIA COUNTY

DWI/AI Probation Data

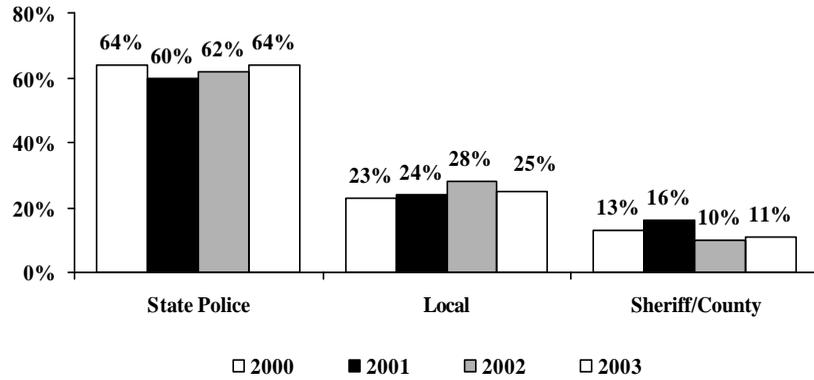
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	39	54	59	38
Number of Persons on Probation*	180	187	133	119

* 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.

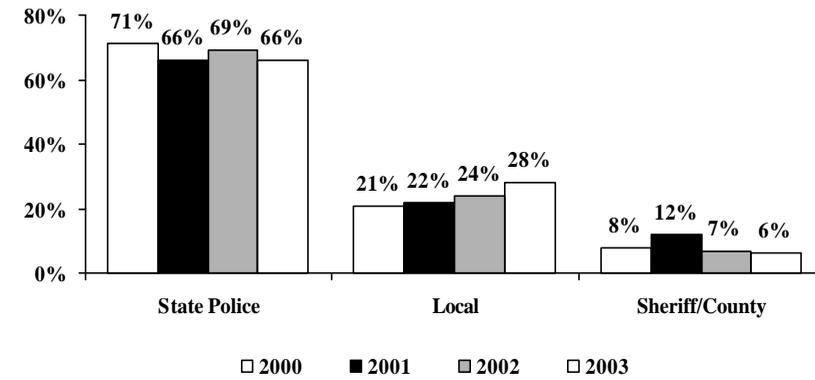
Source: NYS Division of Probation and Correctional Alternatives.

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

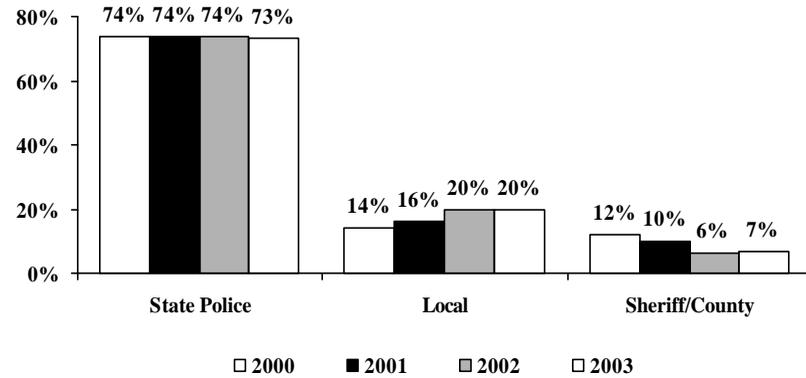
All Tickets



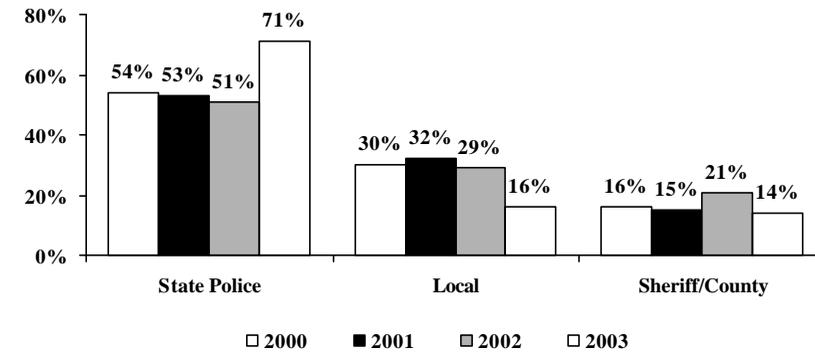
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



C-10

COLUMBIA COUNTY

TSLE&D Tickets Issued for Selected Violations by Enforcement Agency

Enforcment 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
Columbia Sheriff NCIC 01000	alcohol	71	35.9	16.3	78	32.6	18.5	90	40.5	23.8	83	48.5	15.5
	speed	1,356	50.1	12.2	1,064	42.6	10.1	594	25.7	5.8	571	29.5	6.7
	seatbelt	297	29.1	7.6	356	35.3	11.7	211	24.8	7.4	189	19.1	6.2
Hudson P.D. NCIC 01001	alcohol	69	34.8	15.9	78	32.6	18.5	76	34.2	20.1	48	28.1	8.9
	speed	223	8.2	2.0	298	11.9	2.8	196	8.5	1.9	128	6.6	1.5
	seatbelt	179	17.5	4.6	204	20.2	6.7	256	30.1	9.0	354	35.8	11.6
Philmont Vil. P.D. NCIC 01002	alcohol	3	1.5	0.7	4	1.7	0.9	0	0.0	0.0	0	0.0	0.0
	speed	53	2.0	0.5	95	3.8	0.9	65	2.8	0.6	25	1.3	0.3
	seatbelt	106	10.4	2.7	76	7.5	2.5	9	1.1	0.3	15	1.5	0.5
Greenport P.D. NCIC 01003	alcohol	4	2.0	0.9	4	1.7	0.9	16	7.2	4.2	15	8.8	2.8
	speed	198	7.3	1.8	47	1.9	0.4	265	11.5	2.6	160	8.3	1.9
	seatbelt	193	18.9	4.9	223	22.1	7.3	275	32.4	9.6	333	33.7	11.0
Germantown P.D. NCIC 01004	alcohol	0	0.0	0.0	5	2.1	1.2	0	0.0	0.0	0	0.0	0.0
	speed	76	2.8	0.7	76	3.0	0.7	43	1.9	0.4	44	2.3	0.5
	seatbelt	8	0.8	0.2	10	1.0	0.3	4	0.5	0.1	0	0.0	0.0
Stockport P.D. NCIC 01005	alcohol	0	0.0	0.0	1	0.4	0.2	0	0.0	0.0	0	0.0	0.0
	speed	28	1.0	0.3	24	1.0	0.2	26	1.1	0.3	7	0.4	0.1
	seatbelt	1	0.1	<0.1	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0

COLUMBIA 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
Chatham P.D.	alcohol	17	8.6	3.9	46	19.2	10.9	21	9.5	5.6	4	2.3	0.7
NCIC 01020	speed	154	5.7	1.4	323	12.9	3.1	411	17.8	4.0	395	20.4	4.7
	seatbelt	43	4.2	1.1	48	4.8	1.6	42	4.9	1.5	10	1.0	0.3
Copake P.D.	alcohol	34	17.2	7.8	23	9.6	5.5	19	8.6	5.0	21	12.3	3.9
NCIC 01050	speed	620	22.9	5.6	572	22.9	5.4	708	30.7	6.9	604	31.2	7.1
	seatbelt	195	19.1	5.0	92	9.1	3.0	53	6.2	1.9	87	8.8	2.9
Totals by Agency Type													
Sheriff and Local	alcohol	198		45.5	239		56.6	222		58.7	171		31.8
	speed	2,708		24.3	2,499		23.8	2,308		22.6	1,934		22.8
	seatbelt	1,022		26.0	1,009		33.2	850		29.8	988		32.5
State Police	alcohol	234		53.8	179		42.4	147		38.9	351		65.4
	speed	8,267		74.1	7,763		73.9	7,532		73.7	6,226		73.4
	seatbelt	2,796		71.1	2,014		66.3	1,966		68.9	2,008		66.1
Other	alcohol	3		0.7	4		0.9	9		2.4	15		2.8
incl. Park Police	speed	184		1.6	244		2.3	373		3.7	317		3.7
	seatbelt	115		2.9	16		0.5	37		1.3	43		1.4
County Total													
	alcohol	435			422			378			537		
	speed	11,159			10,506			10,213			8,477		
	seatbelt	3,933			3,039			2,853			3,039		

Source: NYS DMV