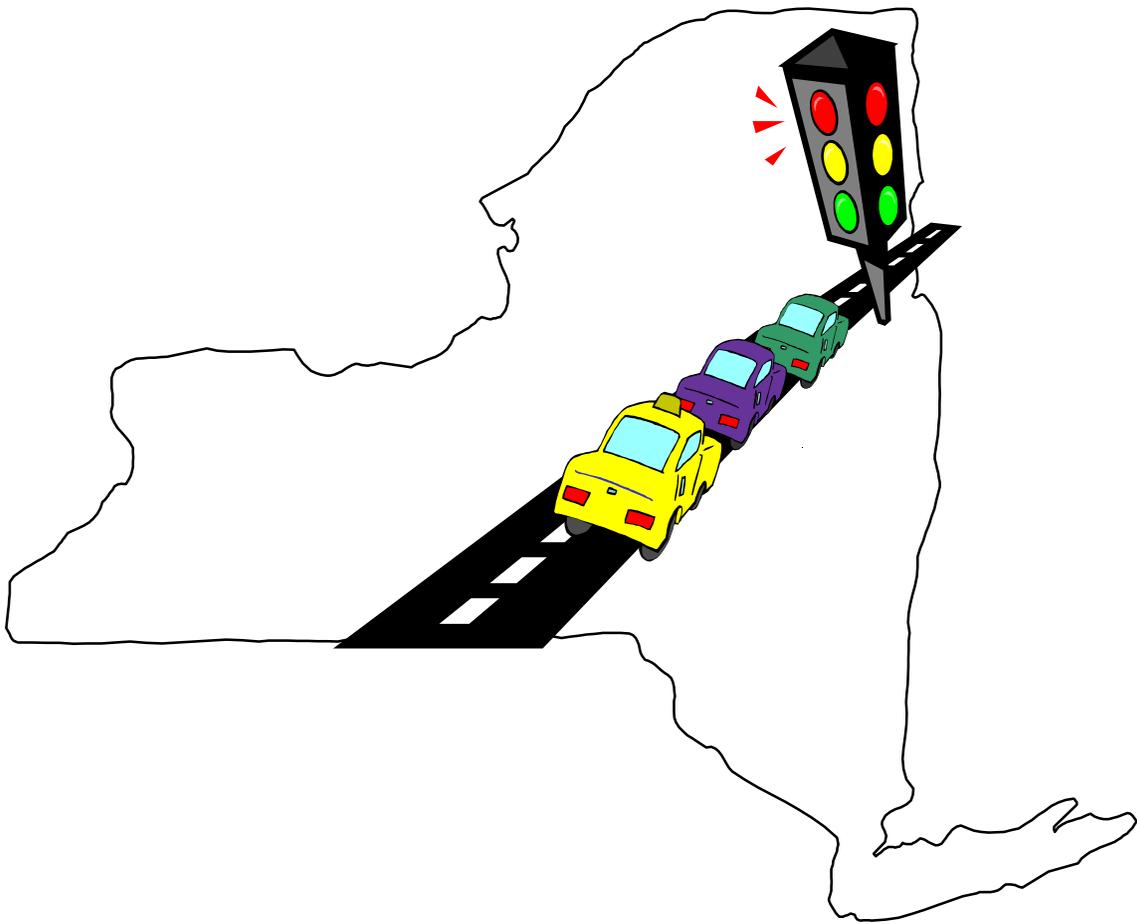


# **YATES COUNTY**

## **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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## YATES COUNTY

### CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>200</b>		<b>248</b>		<b>239 *</b>		<b>217 *</b>	
Fatal	8	4.0	5	2.0	3	1.3	4	1.8
Personal Injury	109	54.5	116	46.8	123	51.5	140	64.5
Property Damage*	83	41.5	127	51.2	113 *	47.3	73 *	33.6
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	5	2.5	4	1.6	5	2.1	5	2.3
Bicycle crashes	6	3.0	3	1.2	4	1.7	2	0.9
Motorcycle crashes	2	1.0	5	2.0	7	2.9	4	1.8
<b>TOTAL FATALITIES (persons)</b>	<b>8</b>		<b>7</b>		<b>3</b>		<b>5</b>	
Drivers	5	62.5	4	57.1	3	100	4	80.0
Passengers	2	25.0	3	42.9	0	0.0	1	20.0
Pedestrians	1	12.5	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
<b>TOTAL INJURIES** (persons)</b>	<b>137</b>		<b>152</b>		<b>181</b>		<b>171</b>	
Drivers	84	61.3	92	60.5	98	54.1	106	62.0
Passengers	44	32.1	53	34.9	73	40.3	60	35.1
Pedestrians	4	2.9	3	2.0	8	4.4	3	1.8
Bicyclists	5	3.6	2	1.3	2	1.1	2	1.2

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

## YATES COUNTY

### CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	81.45	100.73	97.31*	88.53*
Crash Rate per 10,000 Licensed Drivers	121.51	147.94	141.20*	128.50*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	68.01	76.36	78.99	103.63
Fatality & Injury Rate per 10,000 Licensed Drivers	101.46	112.15	114.62	150.41
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.665	1.605	1.633	1.594

\* 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.

## YATES COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1999	%	2000	%	2001	%	2002	%
<b>Total Crashes</b>	<b>128</b>		<b>148</b>		<b>181</b>		<b>135</b>	
Alcohol involvement	11	8.6	6	4.1	11	6.1	12	8.9
Unsafe speed	31	24.2	20	13.5	23	12.7	17	12.6
Driver inattention/distraction**	10	7.8	27	18.2	23	12.7	17	12.6
Failure to yield right-of-way	11	8.6	17	11.5	19	10.5	21	15.6
Following too closely	9	7.0	9	6.1	10	5.5	18	13.3
Improper passing/lane usage	1	0.8	5	3.4	8	4.4	5	3.7
Traffic control disregarded	4	3.1	3	2.0	3	1.7	2	1.5
Unsafe lane changing	2	1.6	5	3.4	2	1.1	3	2.2

\* 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.

## YATES COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1999		2000		2001		2002	
	All	K&A	All	K&A	All	K&A	All	K&A
	Occupants %							
	<b>274</b>	<b>26</b>	<b>298</b>	<b>25</b>	<b>389</b>	<b>23</b>	<b>308</b>	<b>27</b>
No restraint used	13.5	30.8	10.1	24.0	4.4	13.0	6.8	18.5
Restraint used	79.2	53.8	81.5	68.0	83.5	91.3	86.7	66.7
Restraint use unspecified	7.3	15.4	8.4	8.0	12.1	8.7	6.5	14.8

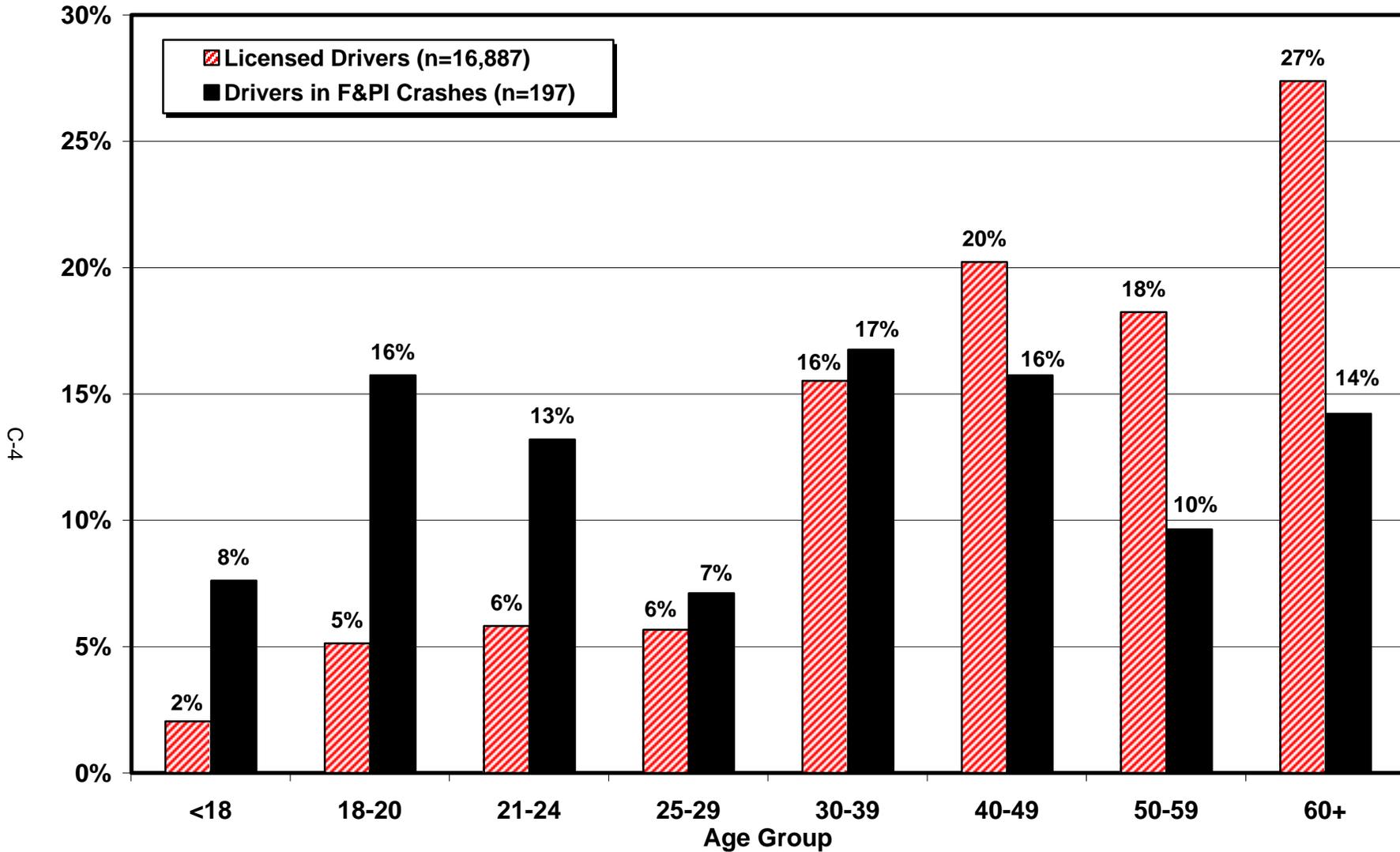
\* Police-reported crashes only.

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.

## Yates 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.

## Yates County 2002

### Pedestrians and Bicyclists Killed or Injured by Age Group

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

Source: NYSDMV AIS Data Base.

## YATES COUNTY

### ALCOHOL-RELATED CRASH DATA\*

	1999	2000	2001	2002
<b>TOTAL CRASHES (events)</b>	<b>128</b>	<b>148</b>	<b>181</b>	<b>135</b>
Alcohol-related crashes	11	6	11	13
% of total crashes	8.6	4.1	6.1	9.6
<b>FATAL CRASHES (events)</b>	<b>8</b>	<b>5</b>	<b>3</b>	<b>4</b>
Alcohol-related fatal crashes	2	0	1	2
% of fatal crashes	25.0	0.0	33.3	50.0
<b>PERSONAL INJURY CRASHES (events)</b>	<b>92</b>	<b>99</b>	<b>115</b>	<b>130</b>
Alcohol-related injury crashes	9	5	9	11
% of injury crashes	9.8	5.1	7.8	8.5
<b>TOTAL FATALITIES (persons)</b>	<b>8</b>	<b>7</b>	<b>3</b>	<b>5</b>
Alcohol-related fatalities	2	0	1	3
% of total fatalities	25.0	0.0	33.3	60.0
<b>TOTAL INJURIES (persons)</b>	<b>137</b>	<b>152</b>	<b>181</b>	<b>171</b>
Alcohol-related injuries	14	10	18	15
% of total injuries	10.2	6.6	9.9	8.8

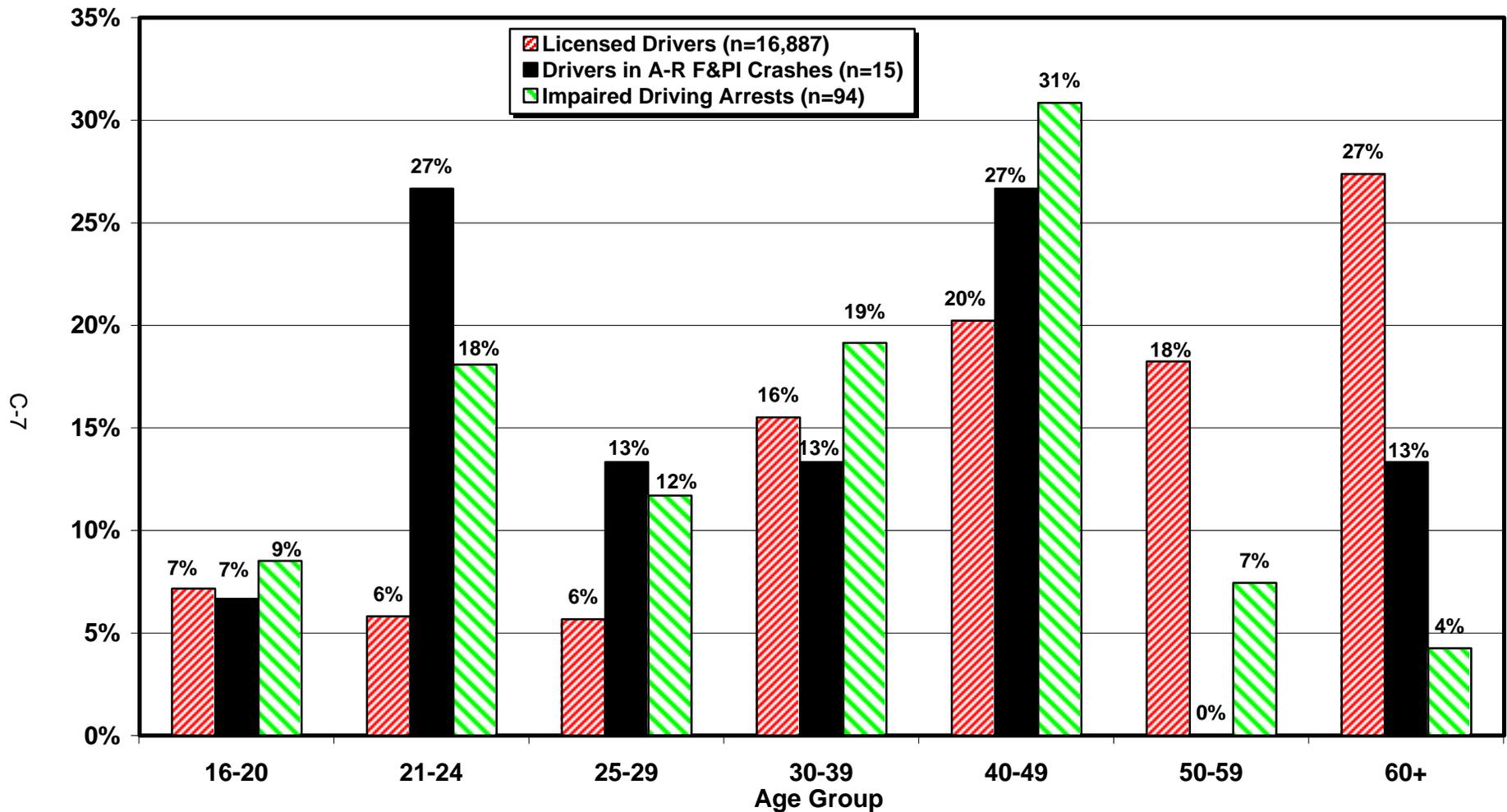
\* Police-reported crashes only.

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.

## Yates 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.

## YATES COUNTY

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

VIOLATION	2000	2001	2002	2003
<b>SPEED (V&amp;T 1180)</b>	832	944	869	983
% of total tickets	22.6	25.5	19.6	20.9
% convicted on same charge	69.1	73.9	67.4	63.6
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	419	354	366	452
% of total tickets	11.4	9.6	8.2	9.6
% convicted on same charge	78.1	90.4	87.4	77.2
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	138	179	142	200
% of total tickets	3.8	4.8	3.2	4.3
<b>PERSONS ARRESTED*</b>	88	104	94	112
% arrested as result of patrol activity**	78.4	80.8	86.2	85.7
% arrested as result of crash	18.2	18.3	13.8	11.6
% arrested as result of <i>other means</i> ***	3.4	1.0	0.0	2.7
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>3,678</b>	<b>3,699</b>	<b>4,444</b>	<b>4,698</b>

\* 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.

## YATES COUNTY

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

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=88)</b>	<b>(N=104)</b>	<b>(N=94)</b>	<b>(N=112)</b>
Case adjudicated	98.9%	83.7%	90.4%	87.5%
Case pending	1.1%	16.3%	9.6%	12.5%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=87)</b>	<b>(N=87)</b>	<b>(N=85)</b>	<b>(N=98)</b>
<b>Convicted on Alcohol Charge</b>	<b>94.3%</b>	<b>98.8%</b>	<b>98.8%</b>	<b>99.0%</b>
Convicted on original alcohol charge	80.5%	72.4%	74.1%	78.6%
Convicted on reduced alcohol charge	13.8%	24.1%	20.0%	16.3%
Convicted on other alcohol charge	0.0%	2.3%	4.7%	4.1%
<b>Convicted on Non-Alcohol Charge</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>1.0%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>5.7%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>0.0%</b>
* 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.

## YATES COUNTY

### DWI/AI Probation Data

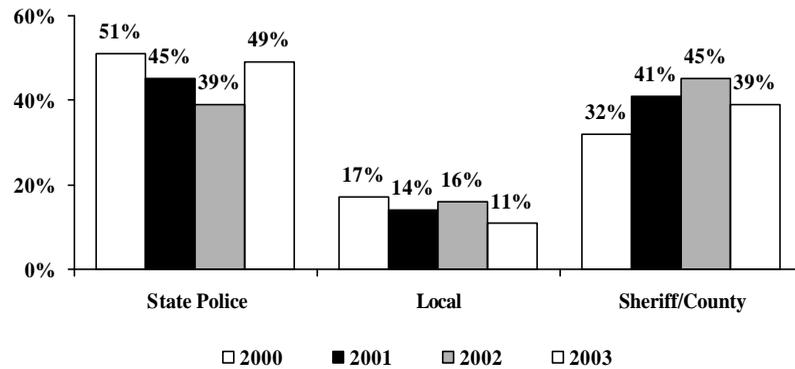
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	11	11	12	22
<b>Number of Persons on Probation*</b>	79	79	58	47

\* 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.

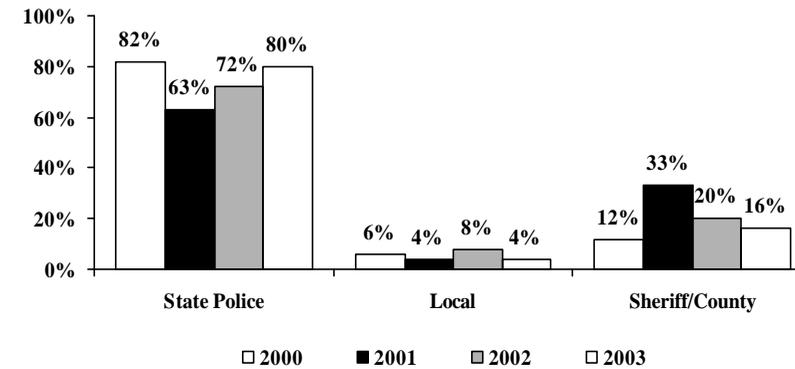
Source: NYS Division of Probation and Correctional Alternatives.

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

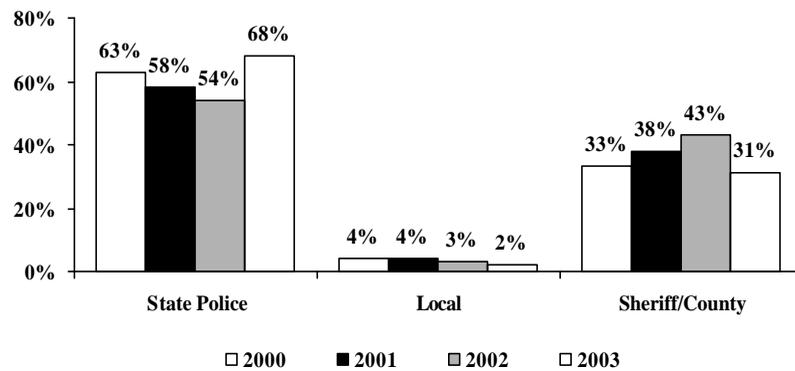
**All Tickets**



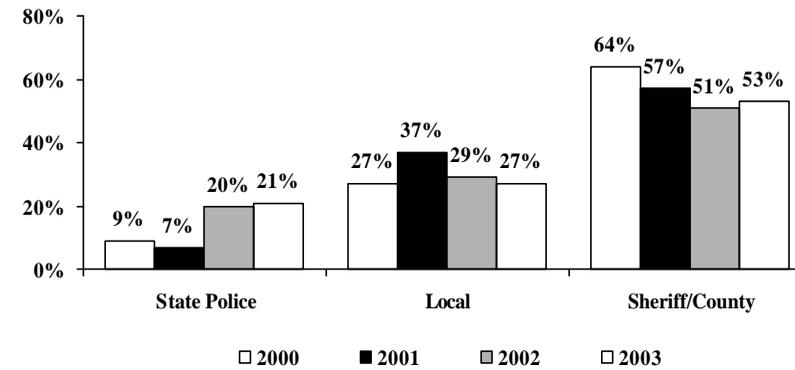
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



## YATES 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
Yates Sheriff NCIC 06100	alcohol	91	67.9	62.8	106	63.9	59.2	73	61.9	51.4	104	64.6	52.0
	speed	287	90.5	33.9	362	90.5	38.3	376	94.7	43.3	303	95.3	30.8
	seatbelt	52	69.3	12.4	118	89.4	33.3	73	70.2	19.9	71	79.8	15.7
Penn Yan P.D. NCIC 06120	alcohol	43	32.1	29.7	60	36.1	33.5	45	38.1	31.7	57	35.4	28.5
	speed	30	9.5	3.5	38	9.5	4.0	21	5.3	2.4	15	4.7	1.5
	seatbelt	23	30.7	5.5	14	10.6	4.0	31	29.8	8.5	18	20.2	4.0
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	134		92.4	166		92.7	118		83.1	161		80.5
	speed	317		37.5	400		42.4	397		45.7	318		32.3
	seatbelt	75		17.8	132		37.3	104		28.4	89		19.7
State Police	alcohol	11		7.6	13		7.3	24		16.9	39		19.5
	speed	529		62.5	544		57.6	467		53.7	664		67.5
	seatbelt	346		82.2	222		62.7	262		71.6	363		80.3
Other incl. Park Police	alcohol	0		0.0	0		0.0	0		0.0	0		0.0
	speed	0		0.0	0		0.0	5		0.6	1		0.1
	seatbelt	0		0.0	0		0.0	0		0.0	0		0.0
<b>County Totals</b>													
	alcohol	145			179			142			200		
	speed	846			944			869			983		
	seatbelt	421			354			366			452		

Source: NYSDMV