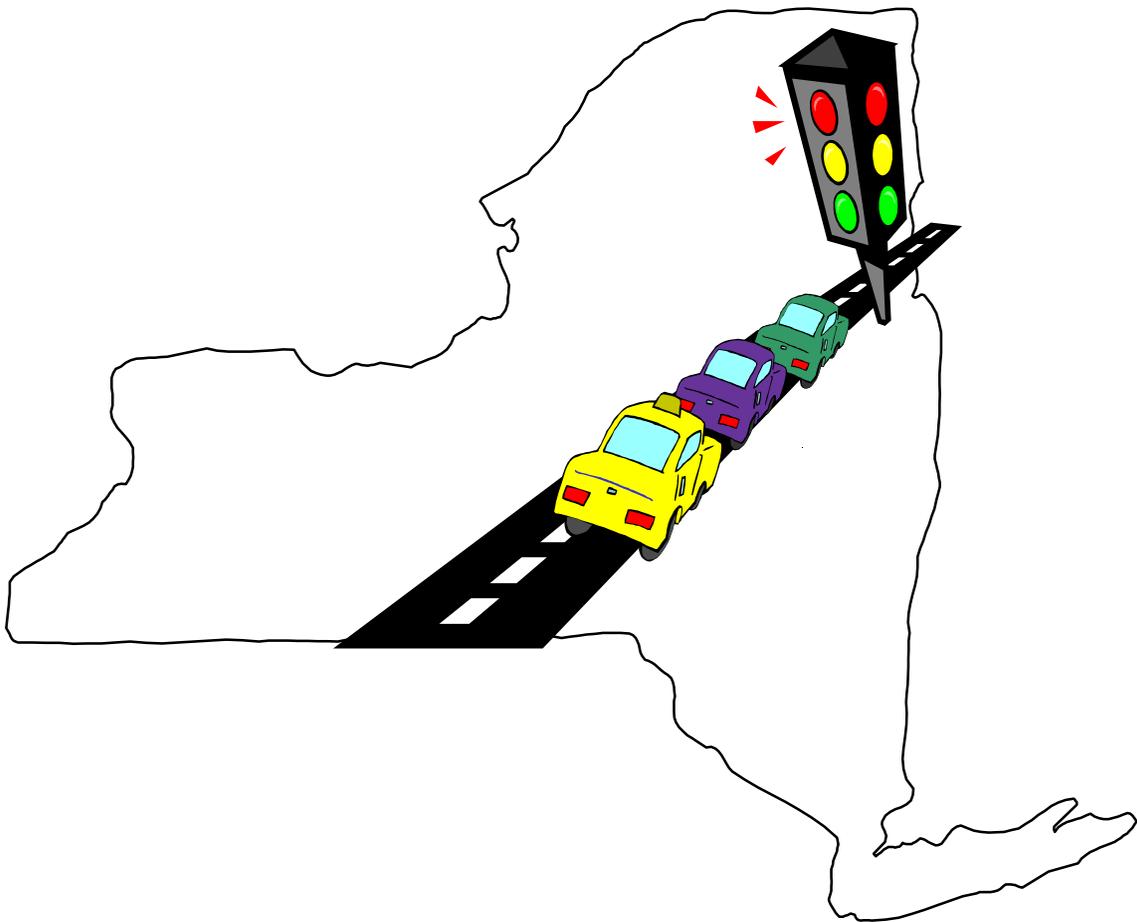


# **OSWEGO COUNTY**

## **TRAFFIC SAFETY DATA**



**Prepared by**

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**February 2004**

## 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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Tompkins  
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## OSWEGO COUNTY

### CRASH DATA

	1998	%	1999	%	2000	%	2001	%
<b>TOTAL CRASHES* (events)</b>	<b>2,465 *</b>		<b>2,842 *</b>		<b>3,360 *</b>		<b>2,544 *</b>	
Fatal	23	0.9	24	0.8	24	0.7	18	0.7
Personal Injury	1,017	41.3	993	34.9	1,083	32.2	1,036	40.7
Property Damage*	1,425 *	57.8	1,825 *	64.2	2,253 *	67.1	1,490 *	58.6
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	29	1.2	38	1.3	44	1.3	58	2.3
Bicycle crashes	27	1.1	28	1.0	19	0.6	24	0.9
Motorcycle crashes	33	1.3	33	1.2	38	1.1	44	1.7
<b>TOTAL FATALITIES (persons)</b>	<b>31</b>		<b>26</b>		<b>25</b>		<b>18</b>	
Drivers	18	58.1	17	65.4	22	88.0	11	61.1
Passengers	12	38.7	5	19.2	1	4.0	4	22.2
Pedestrians	1	3.2	3	11.5	1	4.0	2	11.1
Bicyclists	0	0.0	1	3.8	0	0.0	1	5.6
<b>TOTAL INJURIES** (persons)</b>	<b>1,491</b>		<b>1,430</b>		<b>1,519</b>		<b>1,480</b>	
Drivers	939	63.0	910	63.6	999	65.8	941	63.6
Passengers	496	33.3	450	31.5	447	29.4	461	31.1
Pedestrians	29	1.9	38	2.7	46	3.0	55	3.7
Bicyclists	27	1.8	27	1.9	19	1.3	23	1.6

\* 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.

**OSWEGO COUNTY**  
**CRASH AND FATALITY & INJURY RATES**

	1998	1999	2000	2001
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	198.78	229.42	274.56	208.06
Crash Rate per 10,000 Licensed Drivers	295.08	339.44	395.47	296.85
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	124.83	119.56	128.13	123.66
Fatality & Injury Rate per 10,000 Licensed Drivers	185.31	176.89	184.55	176.43
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.493	1.467	1.439	1.439

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

## OSWEGO COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	<b>1998</b>	<b>%</b>	<b>1999</b>	<b>%</b>	<b>2000</b>	<b>%</b>	<b>2001</b>	<b>%</b>
<b>Total Crashes</b>	<b>2,315</b>		<b>2,670</b>		<b>3,108</b>		<b>2,424</b>	
Alcohol involvement	165	7.1	133	5.0	171	5.5	122	5.0
Unsafe speed	355	15.3	398	14.9	552	17.8	368	15.2
Driver inattention/distraction**	279	12.1	289	10.8	313	10.1	212	8.7
Failure to yield right-of-way	445	19.2	497	18.6	535	17.2	464	19.1
Following too closely	195	8.4	269	10.1	307	9.9	212	8.7
Improper passing/lane usage	124	5.4	145	5.4	133	4.3	110	4.5
Traffic control disregarded	83	3.6	105	3.9	94	3.0	88	3.6
Unsafe lane changing	47	2.0	70	2.6	62	2.0	53	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: 1998-2000 NYSDMV county MV-144A, Table 13(P).  
2001 NYSDMV AIS Data Base.

## OSWEGO COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	<b>1998</b>		<b>1999</b>		<b>2000</b>		<b>2001</b>	
	<b>All Occupants</b>	<b>K&amp;A Occupants</b>						
	%	%	%	%	%	%	%	%
	<b>5,754</b>	<b>155</b>	<b>6,432</b>	<b>136</b>	<b>6,929</b>	<b>142</b>	<b>5,715</b>	<b>111</b>
No restraint used	6.7	40.0	5.6	25.7	3.6	21.8	4.5	23.4
Restraint used	76.0	47.7	78.7	55.9	81.1	63.4	80.7	66.7
Restraint use unspecified	17.3	12.3	15.7	18.4	15.3	14.8	14.8	9.9

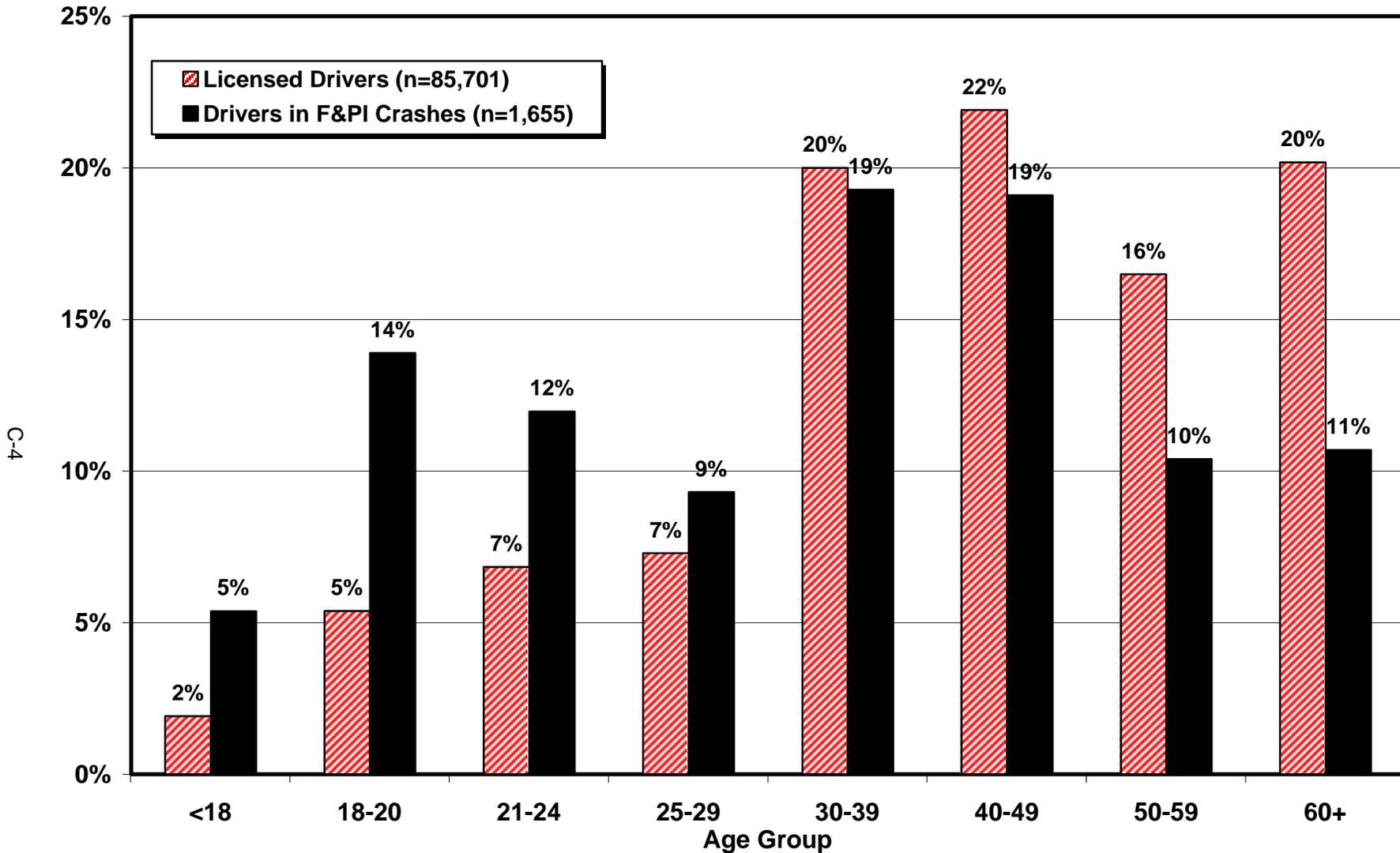
\* Police-reported crashes only.

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.

## Oswego County 2001

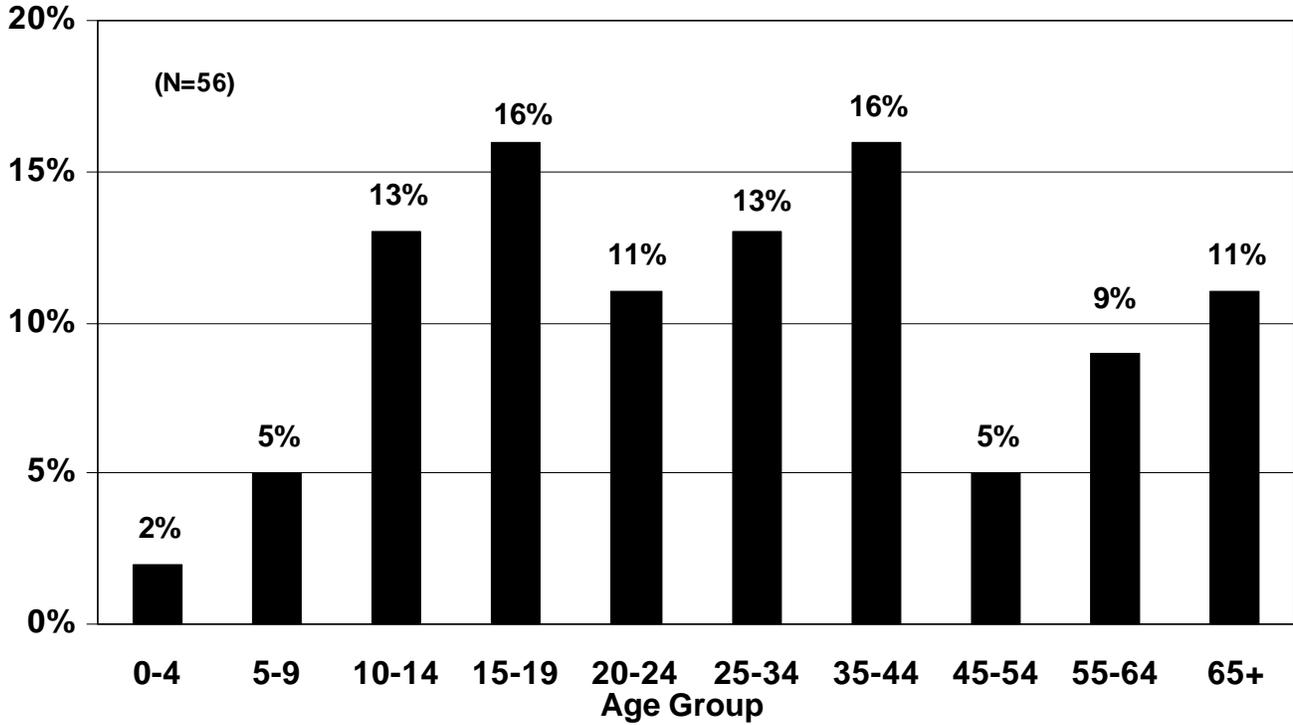
### Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

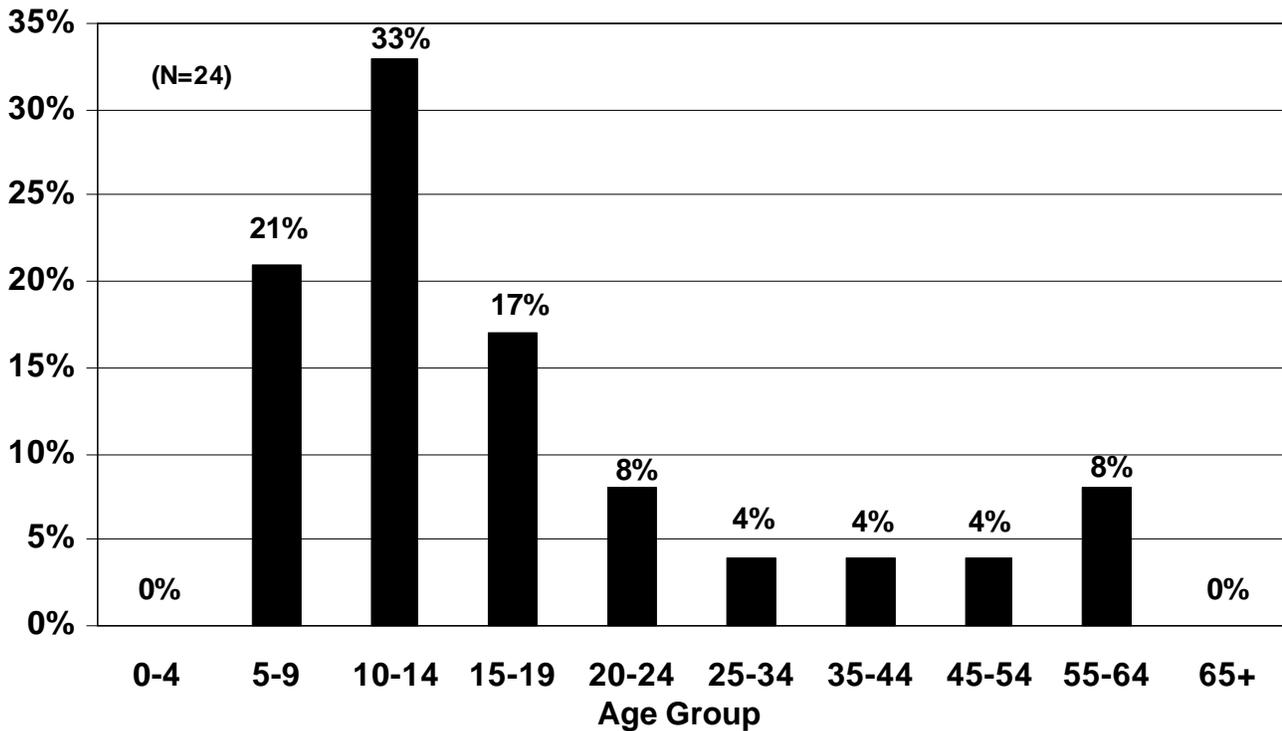
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

### Oswego County 2001 Pedestrians Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

### Oswego County 2001 Bicyclists Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

## OSWEGO COUNTY

### ALCOHOL-RELATED CRASH DATA\*

	1998	1999	2000	2001
<b>TOTAL CRASHES (events)</b>	<b>2,315</b>	<b>2,670</b>	<b>3,108</b>	<b>2,424</b>
Alcohol-related crashes	166	135	171	126
% of total crashes	7.2	5.1	5.5	5.2
<b>FATAL CRASHES (events)</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>18</b>
Alcohol-related fatal crashes	12	9	8	4
% of fatal crashes	52.2	37.5	33.3	22.2
<b>PERSONAL INJURY CRASHES (events)</b>	<b>998</b>	<b>975</b>	<b>1,064</b>	<b>1,025</b>
Alcohol-related injury crashes	99	76	91	84
% of injury crashes	9.9	7.8	8.6	8.2
<b>TOTAL FATALITIES (persons)</b>	<b>31</b>	<b>26</b>	<b>25</b>	<b>18</b>
Alcohol-related fatalities	17	10	8	4
% of total fatalities	54.8	38.5	32.0	22.2
<b>TOTAL INJURIES (persons)</b>	<b>1,491</b>	<b>1,430</b>	<b>1,519</b>	<b>1,480</b>
Alcohol-related injuries	164	114	123	119
% of total injuries	11.0	8.0	8.1	8.0

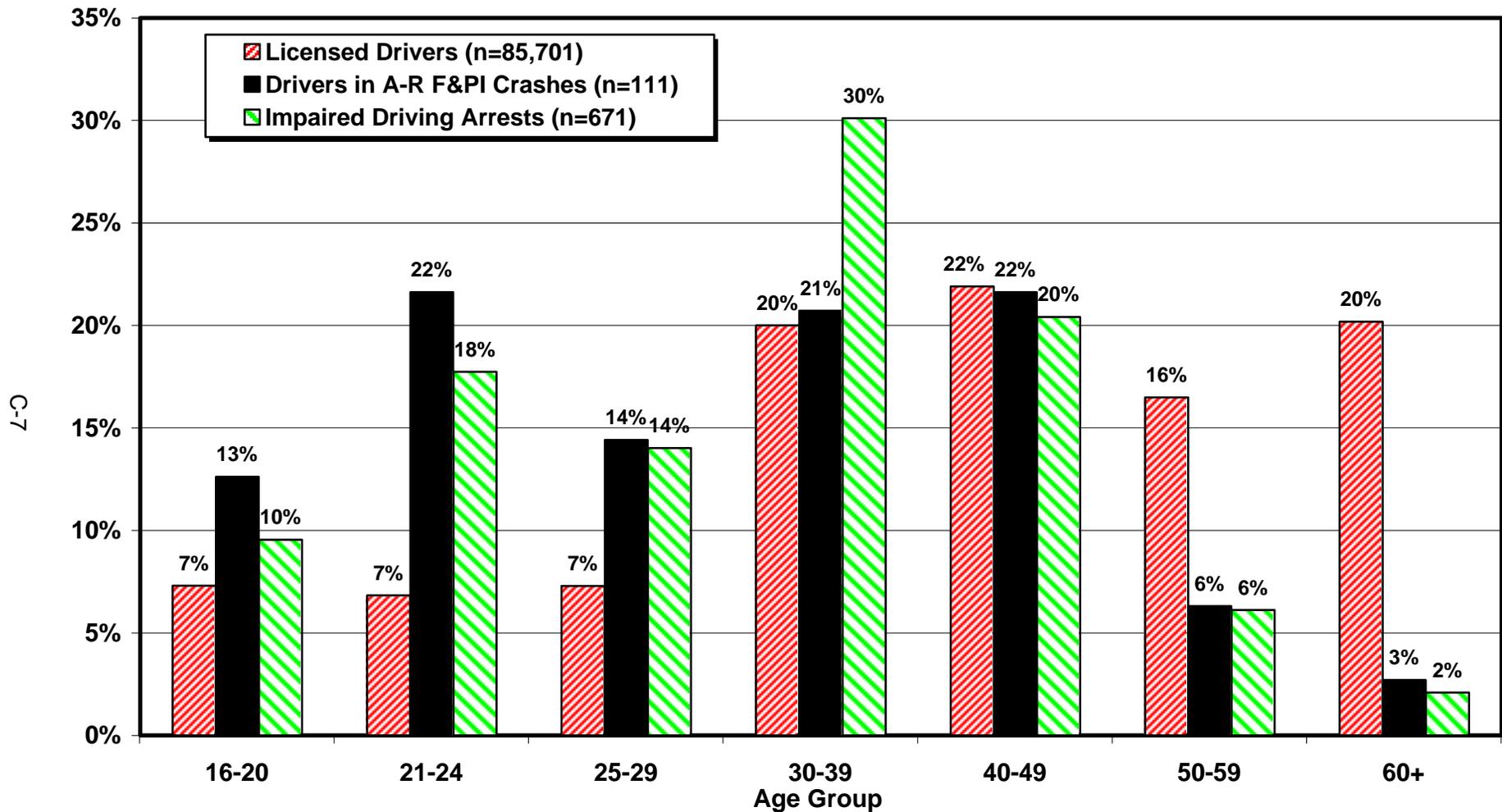
\* Police-reported crashes only.

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.

## Oswego 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.

## OSWEGO COUNTY

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

VIOLATION	1999	2000	2001	2002
<b>SPEED (V&amp;T 1180)</b>	5,704	5,998	5,793	7,156
% of total tickets	26.4	27.4	27.8	30.2
% convicted on same charge	53.1	61.1	48.8	39.5
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	2,685	2,901	2,503	2,950
% of total tickets	12.4	13.3	12.0	12.5
% convicted on same charge	82.5	95.4	79.5	72.4
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	979	1,003	1,032	1,045
% of total tickets	4.5	4.6	5.0	4.4
<b>PERSONS ARRESTED*</b>	644	665	672	710
% arrested as result of patrol activity**	82.2	80.7	80.8	82.5
% arrested as result of crash	16.9	17.5	17.9	16.3
% arrested as result of <i>other means</i> ***	0.9	1.8	1.3	1.1
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>21,584</b>	<b>21,877</b>	<b>20,809</b>	<b>23,693</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.

## OSWEGO COUNTY

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

	1999	2000	2001	2002
<b>Persons Arrested</b>	<b>(N=644)</b>	<b>(N=665)</b>	<b>(N=674)</b>	<b>(N=711)</b>
Case adjudicated	96.3%	90.2%	77.3%	92.7%
Case pending	3.7%	9.8%	22.7%	7.3%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=620)</b>	<b>(N=600)</b>	<b>(N=521)</b>	<b>(N=659)</b>
<b>Convicted on Alcohol Charge</b>	<b>89.6%</b>	<b>91.5%</b>	<b>94.0%</b>	<b>91.7%</b>
Convicted on original alcohol charge	32.3%	25.8%	23.0%	22.0%
Convicted on reduced alcohol charge	50.0%	56.7%	64.7%	58.9%
Convicted on other alcohol charge	7.3%	9.0%	6.3%	10.8%
<b>Convicted on Non-Alcohol Charge</b>	<b>3.1%</b>	<b>2.3%</b>	<b>1.5%</b>	<b>1.1%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>7.3%</b>	<b>6.2%</b>	<b>4.5%</b>	<b>7.2%</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.

## OSWEGO COUNTY

### DWI/AI Probation Data

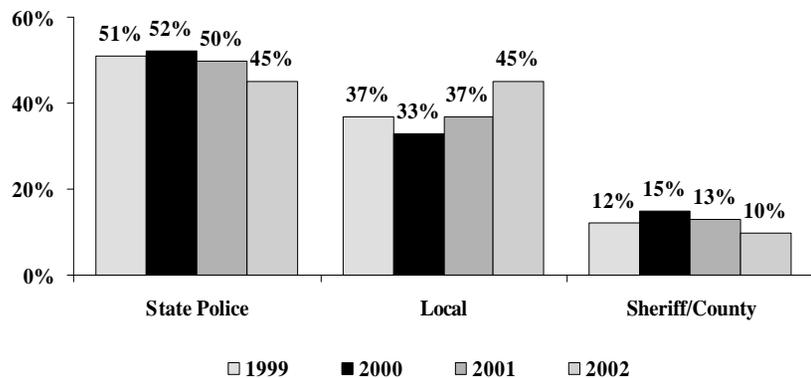
	1999	2000	2001	2002
<b>Number of Persons Sentenced to Probation</b>	109	110	104	104
<b>Number of Persons on Probation*</b>	270	295	317	314

\* 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.

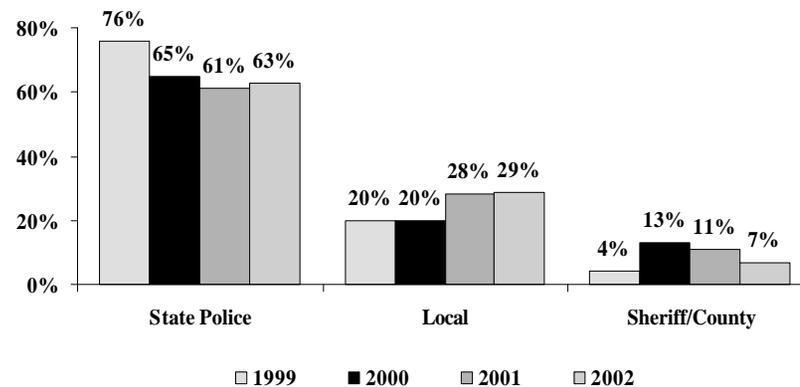
Source: NYS Division of Probation and Correctional Alternatives.

## Oswego County V&T Tickets Issued by TSLE&D Agencies By Agency Type

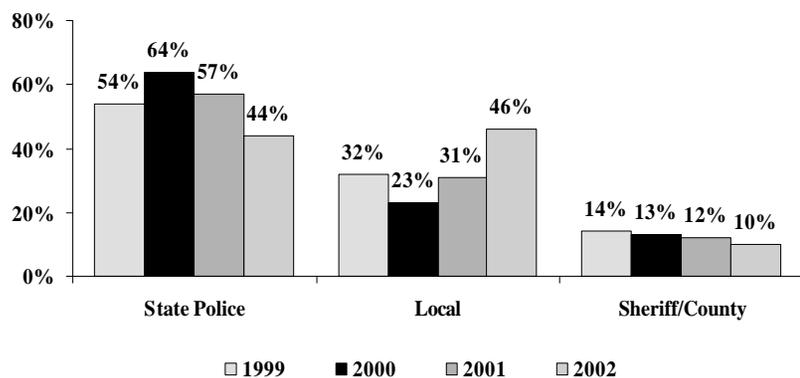
### All Tickets



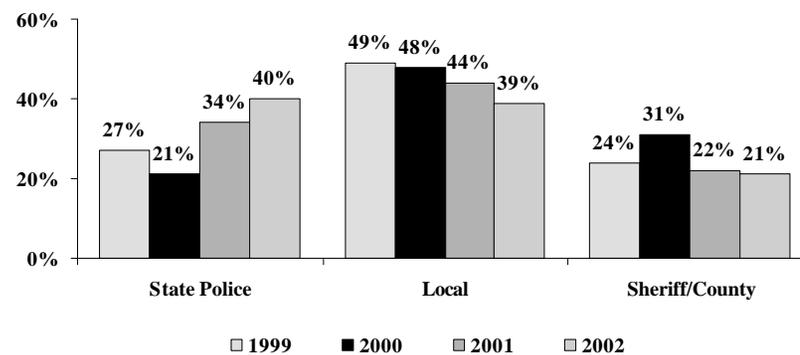
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



## OSWEGO 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
Oswego Sheriff NCIC 03700	alcohol	262	35.7	26.8	313	42.8	30.8	272	36.2	26.4	263	38.2	25.2
	speed	777	32.1	13.6	781	38.0	12.9	702	30.3	12.2	705	18.8	9.9
	seatbelt	117	18.5	4.4	382	38.3	13.1	269	28.1	10.8	214	21.4	7.3
Fulton P.D. NCIC 03701	alcohol	89	12.1	9.1	77	10.5	7.6	105	14.0	10.2	81	11.8	7.8
	speed	382	15.8	6.7	242	11.8	4.0	420	18.1	7.3	643	17.1	9.0
	seatbelt	173	27.3	6.4	186	18.6	6.4	313	32.7	12.5	295	29.6	10.0
Oswego P.D. NCIC 03702	alcohol	250	34.1	25.5	261	35.7	25.7	271	36.0	26.3	290	42.2	27.8
	speed	626	25.8	11.0	492	23.9	8.1	520	22.4	9.0	1,729	46.1	24.2
	seatbelt	306	48.3	11.4	362	36.3	12.4	286	29.9	11.4	405	40.6	13.7
Central Sq. P.D. NCIC 03723	alcohol	49	6.7	5.0	37	5.1	3.6	51	6.8	5.0	43	6.3	4.1
	speed	191	7.9	3.3	161	7.8	2.7	285	12.3	4.9	288	7.7	4.0
	seatbelt	18	2.8	0.7	20	2.0	0.7	20	2.1	0.8	19	1.9	0.6
Pulaski P.D. NCIC 03726	alcohol	43	5.9	4.4	19	2.6	1.9	39	5.2	3.8	8	1.2	0.8
	speed	248	10.2	4.3	262	12.7	4.3	311	13.4	5.4	328	8.7	4.6
	seatbelt	12	1.9	0.4	26	2.6	0.9	64	6.7	2.6	64	6.4	2.2
Phoenix P.D. NCIC 03729	alcohol	40	5.5	4.1	24	3.3	2.4	14	1.9	1.4	3	0.4	0.3
	speed	200	8.3	3.5	119	5.8	2.0	80	3.5	1.4	59	1.6	0.8
	seatbelt	8	1.3	0.3	22	2.2	0.8	6	0.6	0.2	1	0.1	<0.1

## OSWEGO 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			
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	733		74.9	731		71.9	752		73.0	688		65.8
	speed	2,424		42.5	2,057		34.0	2,318		40.1	3,752		52.5
	seatbelt	634		23.6	998		34.3	958		38.3	998		33.8
State Police	alcohol	171		17.5	211		20.8	235		22.8	294		28.1
	speed	3,090		54.2	3,829		63.3	3,294		57.0	3,131		43.8
	seatbelt	2,043		76.1	1,901		65.3	1,525		61.0	1,871		63.4
Other incl. SUNY and Park Police	alcohol	75		7.7	74		7.3	43		4.2	63		6.0
	speed	190		3.3	160		2.6	165		2.9	270		3.8
	seatbelt	8		0.3	14		0.5	19		0.8	81		2.7
<b>County Totals</b>													
	alcohol	<b>979</b>			<b>1,016</b>			<b>1,030</b>			<b>1,045</b>		
	speed	<b>5,704</b>			<b>6,046</b>			<b>5,777</b>			<b>7,153</b>		
	seatbelt	<b>2,685</b>			<b>2,913</b>			<b>2,502</b>			<b>2,950</b>		

Source: NYS DMV