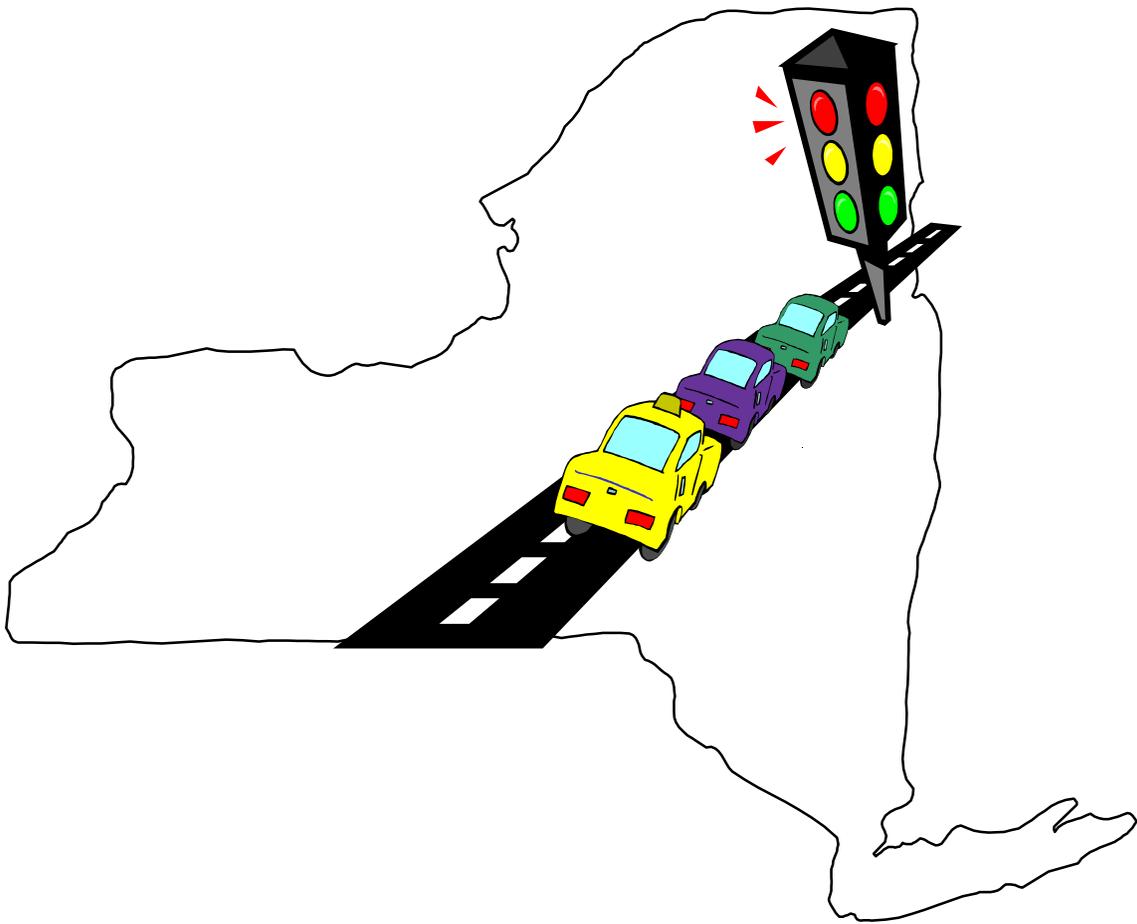


ONONDAGA COUNTY

TRAFFIC SAFETY DATA



Prepared by

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February 2005

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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TABLE OF CONTENTS

COUNTY DATA

	Page
Crash Data (Crashes, Fatalities & Injuries): 1999-2002.....	C-1
Crash and Fatality & Injury Rates: 1999-2002.....	C-2
Selected Contributing Factors in Crashes: 1999-2002	C-3
Reported Safety Restraint Use in Crashes: 1999-2002.....	C-3
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group: 2002	C-4
Pedestrians Killed or Injured by Age Group: 2002	C-5
Bicyclists Killed or Injured by Age Group: 2002.....	C-5
Alcohol-Related Crash Data: 1999-2002	C-6
Licensed Drivers, Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group: 2002.....	C-7
TSLE&D Tickets Issued and Conviction Rates for Selected V&T Violations: 2000-2003	C-8
Adjudication Status of Impaired Driving Cases & Conviction Rates TSLE&D Agencies: 2000-2003.....	C-9
DWI/AI Probation Data: 2000-2003	C-9
V&T Tickets Issued by TSLE&D Agencies by Agency Type: 2000-2003	C-10
TSLE&D Tickets Issued for Selected Violations by Enforcement Agency: 2000-2003	C-11

ONONDAGA COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	11,787		13,010		9,971 *		6,450 *	
Fatal	34	0.3	20	0.2	30	0.3	35	0.5
Personal Injury	4,509	38.3	4,431	34.1	4,038	40.5	4,172	64.7
Property Damage*	7,244	61.5	8,559	65.8	5,903 *	59.2	2,243 *	34.8
SELECTED CRASH TYPES (events)								
Pedestrian crashes	275	2.3	258	2.0	238	2.4	262	4.1
Bicycle crashes	155	1.3	156	1.2	132	1.3	103	1.6
Motorcycle crashes	98	0.8	98	0.8	125	1.3	98	1.5
TOTAL FATALITIES (persons)	36		21		33		41	
Drivers	24	66.7	12	57.1	21	63.6	21	51.2
Passengers	7	19.4	4	19.0	6	18.2	8	19.5
Pedestrians	4	11.1	5	23.8	4	12.1	12	29.3
Bicyclists	1	2.8	0	0.0	2	6.1	0	0.0
TOTAL INJURIES** (persons)	6,311		5,992		5,490		5,363	
Drivers	3,969	62.9	3,863	64.5	3,570	65.0	3,469	64.7
Passengers	1,907	30.2	1,708	28.5	1,547	28.2	1,529	28.5
Pedestrians	278	4.4	265	4.4	235	4.3	250	4.7
Bicyclists	153	2.4	153	2.6	131	2.4	97	1.8

* 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.

ONONDAGA COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	258.37	283.85	217.77*	140.38*
Crash Rate per 10,000 Licensed Drivers	383.05	416.09	315.92*	204.11*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	143.22	135.36	122.74	126.17
Fatality & Injury Rate per 10,000 Licensed Drivers	212.34	198.42	178.07	183.44
MEAN SEVERITY OF INJURY (MSI)	1.294	1.279	1.293	1.294

* 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.

ONONDAGA COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	10,949		12,004		9,476		4,425	
Alcohol involvement	375	3.4	418	3.5	303	3.2	176	4.0
Unsafe speed	1,044	9.5	1,405	11.7	962	10.2	488	11.0
Driver inattention/distraction**	2,538	23.2	2,452	20.4	1,834	19.4	945	21.4
Failure to yield right-of-way	2,033	18.6	2,147	17.9	1,597	16.9	926	20.9
Following too closely	1,710	15.6	1,845	15.4	1,288	13.6	687	15.5
Improper passing/lane usage	518	4.7	560	4.7	374	3.9	142	3.2
Traffic control disregarded	570	5.2	644	5.4	497	5.2	269	6.1
Unsafe lane changing	370	3.4	452	3.8	339	3.6	108	2.4

* 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.

ONONDAGA COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants	K&A Occupants						
	%	%	%	%	%	%	%	%
	28,707	328	28,312	252	23,465	266	11,471	300
No restraint used	4.6	23.2	4.0	17.9	4.0	18.8	5.6	22.3
Restraint used	79.6	66.5	88.3	67.1	81.6	72.2	85.1	63.7
Restraint use unspecified	15.7	10.4	7.6	15.1	14.4	9.0	9.4	14.0

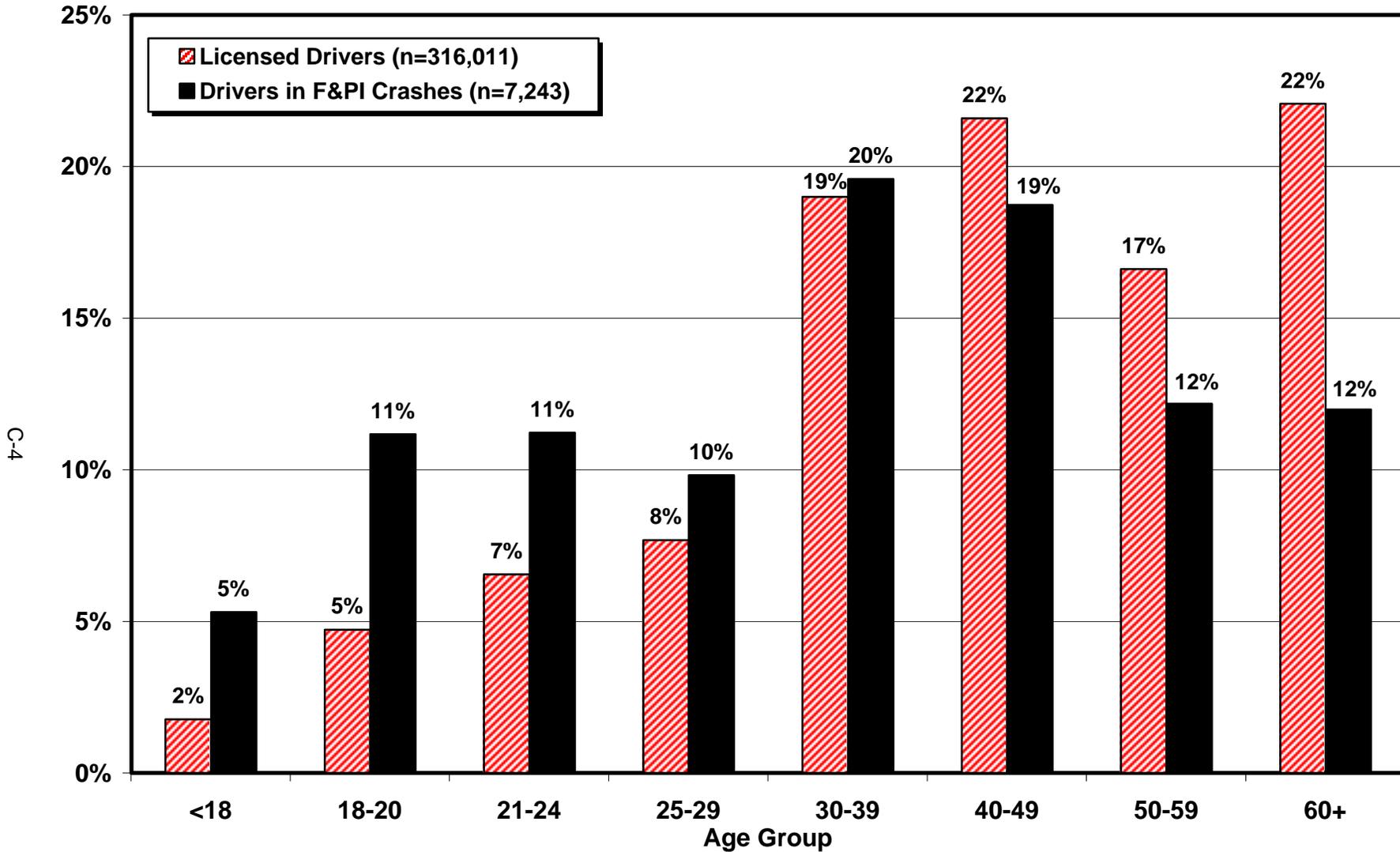
* Police-reported crashes only.

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.

Onondaga County 2002

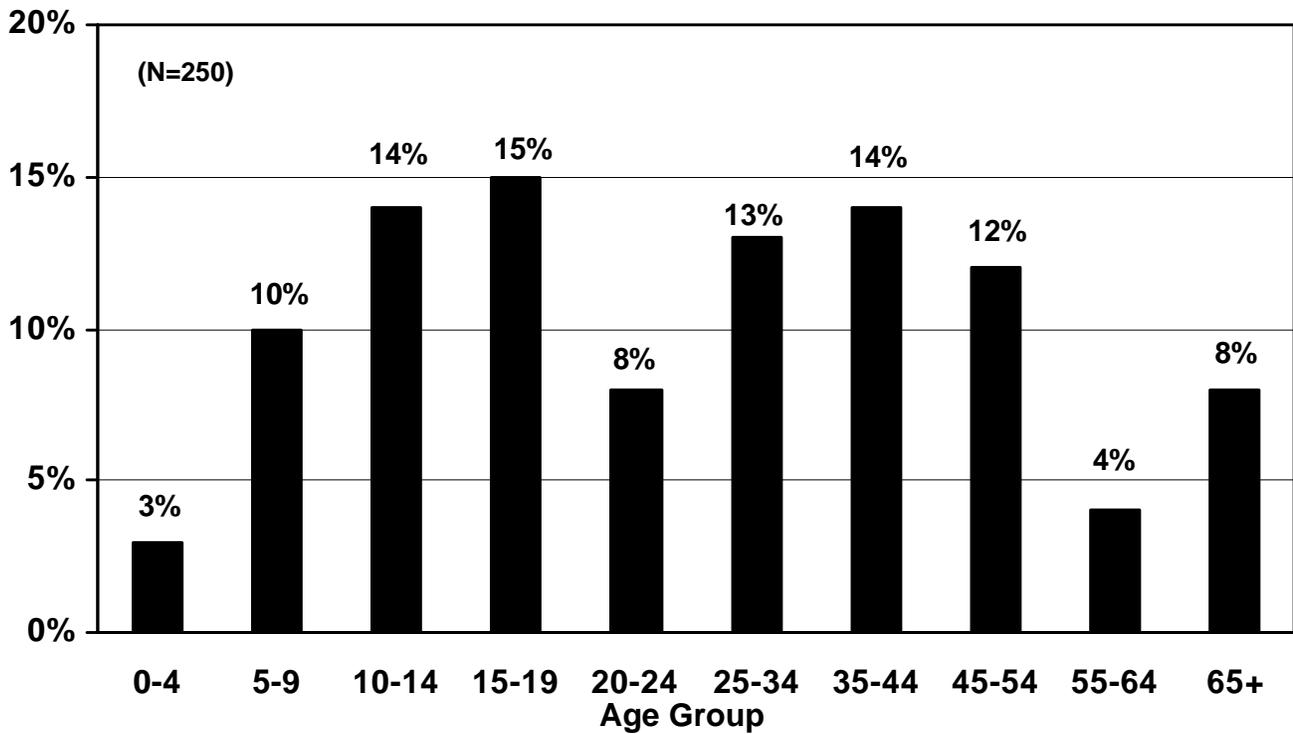
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

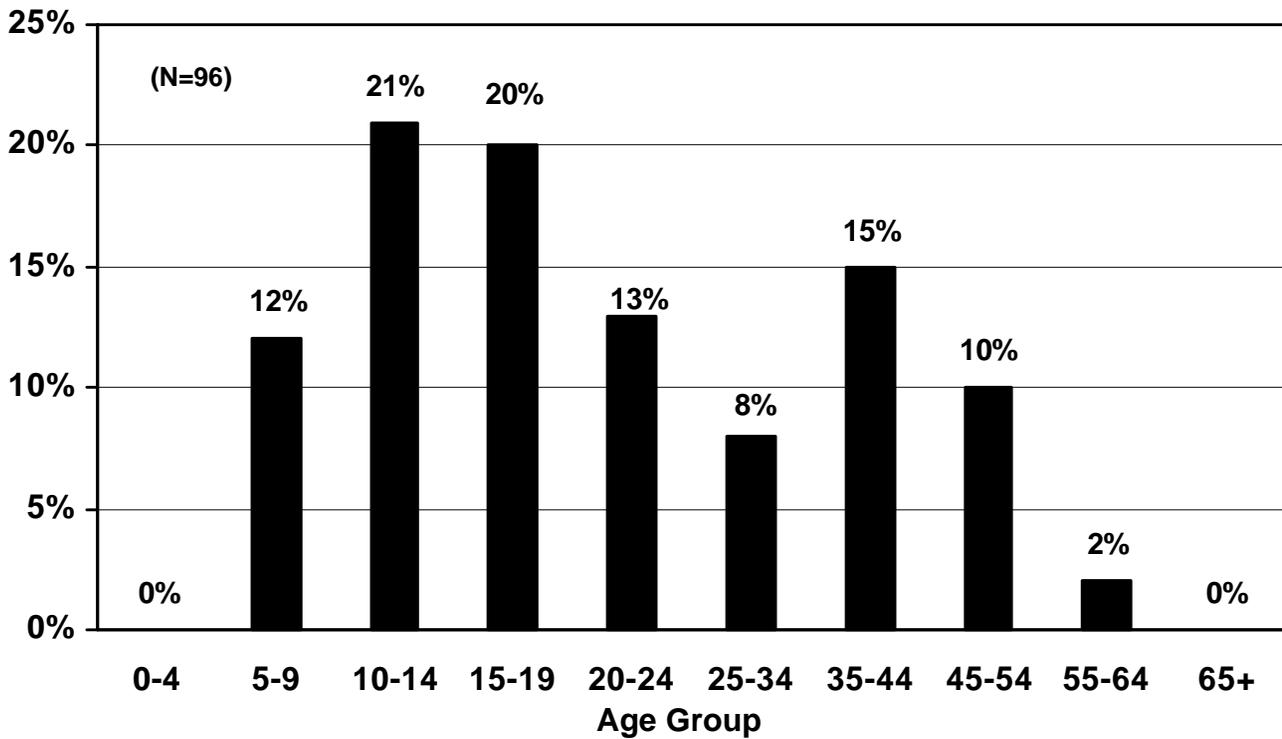
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

ONONDAGA COUNTY

ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	10,949	12,004	9,476	4,425
Alcohol-related crashes	382	426	312	187
% of total crashes	3.5	3.5	3.3	4.2
FATAL CRASHES (events)	34	20	30	35
Alcohol-related fatal crashes	9	2	11	10
% of fatal crashes	26.5	10.0	36.7	28.6
PERSONAL INJURY CRASHES (events)	4,358	4,273	3,960	3,841
Alcohol-related injury crashes	215	234	195	165
% of injury crashes	4.9	5.5	4.9	4.3
TOTAL FATALITIES (persons)	36	21	33	41
Alcohol-related fatalities	9	2	11	12
% of total fatalities	25.0	9.5	33.3	29.3
TOTAL INJURIES (persons)	6,311	5,992	5,490	5,363
Alcohol-related injuries	352	316	283	222
% of total injuries	5.6	5.3	5.2	4.1

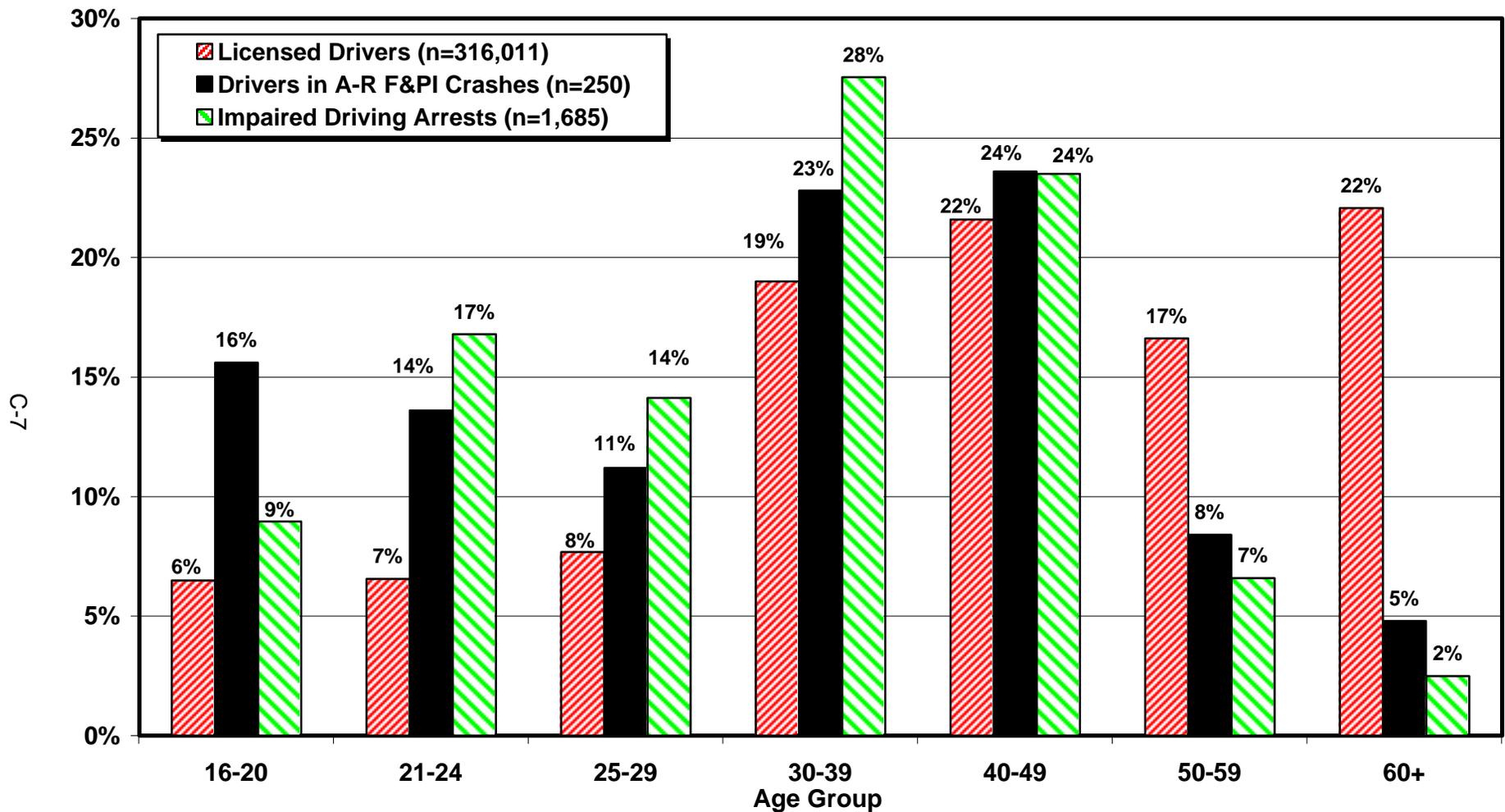
* Police-reported crashes only.

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.

Onondaga 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.

ONONDAGA COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	25,056	19,785	21,812	21,762
% of total tickets	23.0	19.7	19.7	20.5
% convicted on same charge	38.7	31.1	27.2	25.4
SAFETY RESTRAINTS (V&T 1229c)	17,682	14,916	15,254	12,930
% of total tickets	16.2	14.9	13.8	12.2
% convicted on same charge	62.1	55.6	49.0	44.5
IMPAIRED DRIVING (V&T 1192)	2,557	2,287	2,171	2,859
% of total tickets	2.3	2.3	2.0	2.7
PERSONS ARRESTED*	1,994	1,790	1,688	1,835
% arrested as result of patrol activity**	86.4	86.4	87.1	85.5
% arrested as result of crash	11.8	12.8	12.1	12.9
% arrested as result of <i>other means</i> ***	1.8	0.8	0.8	1.6
TOTAL TICKETS FOR ALL V&T VIOLATIONS	108,992	100,197	110,774	106,405

* 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.

ONONDAGA COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=1,994)	(N=1,791)	(N=1,688)	(N=1,835)
Case adjudicated	79.4%	60.7%	81.3%	60.7%
Case pending	20.6%	39.3%	18.7%	39.3%
Disposition of Adjudicated Cases*	(N=1,583)	(N=1,088)	(N=1,372)	(N=1,114)
Convicted on Alcohol Charge	90.9%	93.4%	92.2%	93.3%
Convicted on original alcohol charge	25.3%	20.0%	24.0%	19.7%
Convicted on reduced alcohol charge	61.1%	68.6%	63.0%	68.9%
Convicted on other alcohol charge	4.5%	4.8%	5.2%	4.7%
Convicted on Non-Alcohol Charge	0.5%	0.8%	0.4%	0.1%
Dismissed/Acquitted/Convicted on charge associated with different event	8.6%	5.8%	7.4%	6.6%
* 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.

ONONDAGA COUNTY

DWI/AI Probation Data

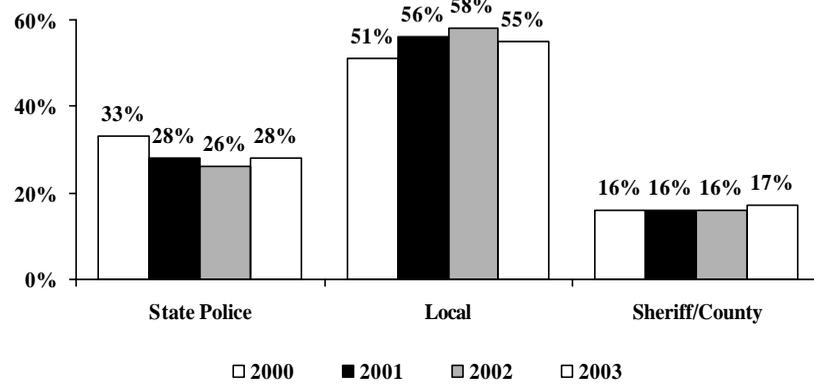
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	345	316	256	218
Number of Persons on Probation*	755	748	555	484

* 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.

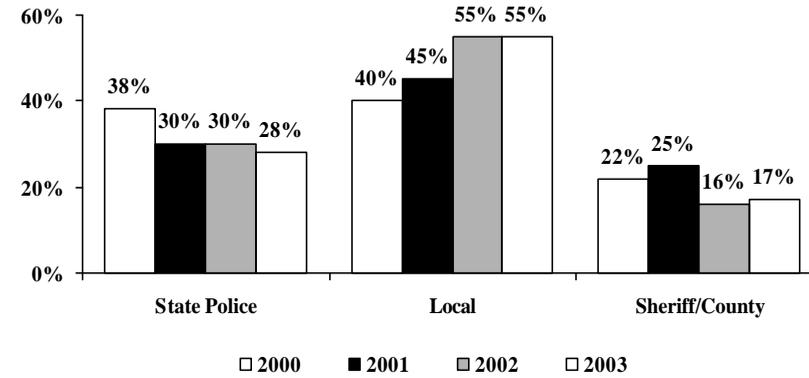
Source: NYS Division of Probation and Correctional Alternatives.

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

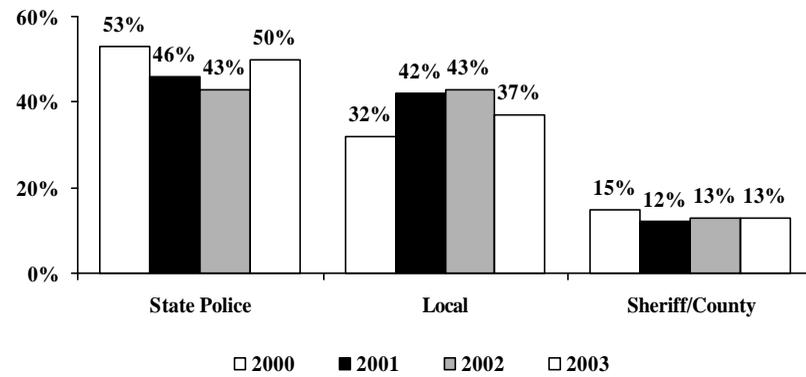
All Tickets



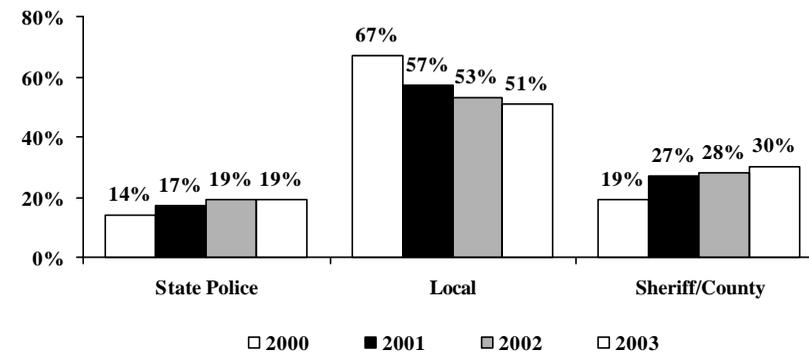
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



C-10

ONONDAGA 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
Onondaga Sheriff NCIC 03300	alcohol	500	22.7	19.4	479	24.3	21.0	491	26.9	22.6	992	41.2	34.7
	speed	3,882	32.6	15.4	2,297	21.8	11.6	2,938	23.8	13.5	2,770	26.0	12.7
	seatbelt	3,833	35.2	21.6	3,704	35.6	24.9	2,402	22.6	15.7	2,173	23.8	16.8
Syracuse P.D. NCIC 03301	alcohol	669	30.4	26.0	545	27.6	23.9	410	22.4	18.9	397	16.5	13.9
	speed	1,637	13.8	6.5	1,696	16.1	8.6	1,986	16.1	9.1	2,314	21.7	10.6
	seatbelt	4,866	44.6	27.4	5,148	49.5	34.6	5,652	53.2	37.1	4,674	51.2	36.1
East Syracuse P.D. NCIC 03321	alcohol	73	3.3	2.8	38	1.9	1.7	103	5.6	4.7	94	3.9	3.3
	speed	395	3.3	1.6	294	2.8	1.5	191	1.5	0.9	176	1.7	0.8
	seatbelt	163	1.5	0.9	81	0.8	0.5	181	1.7	1.2	206	2.3	1.6
Jordan Vil. P.D. NCIC 03324	alcohol	13	0.6	0.5	10	0.5	0.4	8	0.4	0.4	6	0.2	0.2
	speed	85	0.7	0.3	67	0.6	0.3	227	1.8	1.0	117	1.1	0.5
	seatbelt	26	0.2	0.1	7	0.1	0.0	119	1.1	0.8	48	0.5	0.4
Solvay P.D. NCIC 03326	alcohol	69	3.1	2.7	59	3.0	2.6	47	2.6	2.2	36	1.5	1.3
	speed	178	1.5	0.7	272	2.6	1.4	320	2.6	1.5	219	2.1	1.0
	seatbelt	233	2.1	1.3	60	0.6	0.4	81	0.8	0.5	67	0.7	0.5
Baldwinsville P.D. NCIC 03327	alcohol	62	2.8	2.4	43	2.2	1.9	41	2.2	1.9	62	2.6	2.2
	speed	220	1.8	0.9	215	2.0	1.1	222	1.8	1.0	124	1.2	0.6
	seatbelt	292	2.7	1.6	180	1.7	1.2	115	1.1	0.8	126	1.4	1.0
Town of Manlius P.D. NCIC 03329	alcohol	77	3.5	3.0	157	8.0	6.9	113	6.2	5.2	85	3.5	3.0
	speed	1,643	13.8	6.5	1,399	13.2	7.1	1,469	11.9	6.7	1,317	12.4	6.1
	seatbelt	310	2.8	1.7	181	1.7	1.2	540	5.1	3.5	413	4.5	3.2
Vill. of Marcellus P.D. NCIC 03330	alcohol	33	1.5	1.3	25	1.3	1.1	18	1.0	0.8	12	0.5	0.4
	speed	61	0.5	0.2	38	0.4	0.2	84	0.7	0.4	130	1.2	0.6
	seatbelt	4	<0.1	<0.1	22	0.2	0.1	36	0.3	0.2	49	0.5	0.4

ONONDAGA 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
Liverpool P.D.	alcohol	77	3.5	3.0	106	5.4	4.6	157	8.6	7.2	157	6.5	5.5
NCIC 03331	speed	509	4.3	2.0	427	4.0	2.2	717	5.8	3.3	425	4.0	2.0
	seatbelt	166	1.5	0.9	140	1.3	0.9	139	1.3	0.9	103	1.1	0.8
Skaneateles P.D.	alcohol	19	0.9	0.7	12	0.6	0.5	8	0.4	0.4	19	0.8	0.7
NCIC 03332	speed	221	1.9	0.9	308	2.9	1.6	282	2.3	1.3	216	2.0	1.0
	seatbelt	65	0.6	0.4	57	0.5	0.4	69	0.6	0.5	58	0.6	0.4
North Syracuse P.D.	alcohol	28	1.3	1.1	12	0.6	0.5	17	0.9	0.8	26	1.1	0.9
NCIC 03335	speed	327	2.7	1.3	262	2.5	1.3	129	1.0	0.6	149	1.4	0.7
	seatbelt	78	0.7	0.4	42	0.4	0.3	123	1.2	0.8	212	2.3	1.6
Town of Camillus P.D.	alcohol	193	8.8	7.5	98	5.0	4.3	108	5.9	5.0	235	9.8	8.2
NCIC 03350	speed	550	4.6	2.2	666	6.3	3.4	956	7.7	4.4	980	9.2	4.5
	seatbelt	194	1.8	1.1	204	2.0	1.4	344	3.2	2.3	330	3.6	2.6
Town of Cicero P.D.	alcohol	238	10.8	9.3	248	12.6	10.9	144	7.9	6.6	93	3.9	3.3
NCIC 03351	speed	514	4.3	2.0	821	7.8	4.2	706	5.7	3.2	421	3.9	1.9
	seatbelt	45	0.4	0.3	76	0.7	0.5	74	0.7	0.5	102	1.1	0.8
Town of Clay P.D.	alcohol	47	2.1	1.8	49	2.5	2.1	41	2.2	1.9	95	3.9	3.3
NCIC 03352	speed	550	4.6	2.2	667	6.3	3.4	822	6.7	3.8	469	4.4	2.2
	seatbelt	54	0.5	0.3	39	0.4	0.3	55	0.5	0.4	44	0.5	0.3
Town of Dewitt P.D.	alcohol	63	2.9	2.5	64	3.2	2.8	81	4.4	3.7	66	2.7	2.3
NCIC 03353	speed	792	6.7	3.1	933	8.8	4.7	963	7.8	4.4	480	4.5	2.2
	seatbelt	451	4.1	2.5	351	3.4	2.4	560	5.3	3.7	358	3.9	2.8
Town of Geddes P.D.	alcohol	38	1.7	1.5	27	1.4	1.2	40	2.2	1.8	35	1.5	1.2
NCIC 03356	speed	332	2.8	1.3	198	1.9	1.0	348	2.8	1.6	353	3.3	1.6
	seatbelt	122	1.1	0.7	102	1.0	0.7	134	1.3	0.9	159	1.7	1.2

ONONDAGA 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			
Totals by Agency Type													
Sheriff and Local	alcohol	2,199		85.5	1,972		86.5	1,827		84.2	2,410		84.3
	speed	11,896		47.2	10,560		53.4	12,360		56.7	10,660		49.0
	seatbelt	10,902		61.5	10,394		69.9	10,624		69.6	9,122		70.5
State Police	alcohol	357		13.9	307		13.5	333		15.3	447		15.6
	speed	13,237		52.6	9,178		46.4	9,393		43.1	10,985		50.5
	seatbelt	6,780		38.2	4,465		30.0	4,503		29.5	3,679		28.5
Other incl. SUNY and Park Police	alcohol	15		0.6	1		<0.1	10		0.5	2		0.1
	speed	45		0.2	36		0.2	54		0.2	117		0.5
	seatbelt	45		0.3	10		0.1	127		0.8	129		1.0
County Totals													
	alcohol	2,571			2,280			2,170			2,859		
	speed	25,178			19,774			21,807			21,762		
	seatbelt	17,727			14,869			15,254			12,930		

Source: NYS DMV