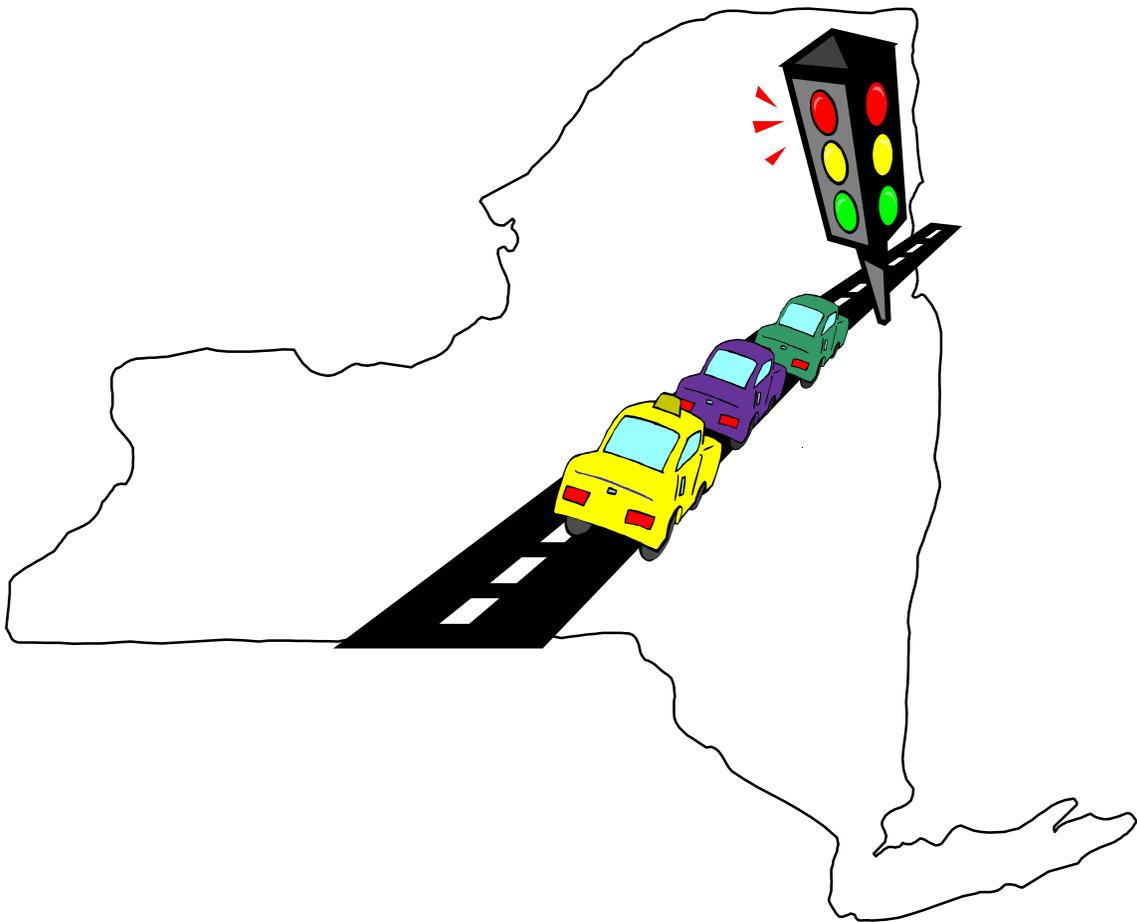


# **ALBANY COUNTY**

## **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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Tompkins  
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## ALBANY COUNTY

### CRASH DATA

	1999	%	2000	%	2001	%	2002	%
<b>TOTAL CRASHES* (events)</b>	<b>7,639</b>		<b>8,501</b>		<b>6,733 *</b>		<b>4,800 *</b>	
Fatal	14	0.2	23	0.3	20	0.3	18	0.4
Personal Injury	2,979	39.0	3,138	36.9	2,816	41.8	2,928	61.0
Property Damage*	4,646	60.8	5,340	62.8	3,897 *	57.9	1,854 *	38.6
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	213	2.8	219	2.6	202	3.0	188	3.9
Bicycle crashes	116	1.5	103	1.2	102	1.5	84	1.8
Motorcycle crashes	64	0.8	63	0.7	81	1.2	91	1.9
<b>TOTAL FATALITIES (persons)</b>	<b>15</b>		<b>27</b>		<b>20</b>		<b>18</b>	
Drivers	10	66.7	14	51.9	11	55.0	11	61.1
Passengers	3	20.0	7	25.9	5	25.0	1	5.6
Pedestrians	2	13.3	6	22.2	4	20.0	6	33.3
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
<b>TOTAL INJURIES** (persons)</b>	<b>4,046</b>		<b>4,245</b>		<b>3,802</b>		<b>3,651</b>	
Drivers	2,619	64.7	2,738	64.5	2,530	66.5	2,416	66.2
Passengers	1,097	27.1	1,184	27.9	972	25.6	957	26.2
Pedestrians	214	5.3	216	5.1	198	5.2	185	5.1
Bicyclists	115	2.8	106	2.5	99	2.6	82	2.2

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

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

	1999	2000	2001	2002
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	261.60	288.60	229.01*	161.97*
Crash Rate per 10,000 Licensed Drivers	408.28	445.18	347.49*	244.83*
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	144.31	151.17	133.16	133.29
Fatality & Injury Rate per 10,000 Licensed Drivers	225.23	233.20	202.05	201.48
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.292	1.284	1.278	1.269

\* 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.

**ALBANY COUNTY**  
**SELECTED CONTRIBUTING FACTORS IN CRASHES\***

	<b>1999</b>	<b>%</b>	<b>2000</b>	<b>%</b>	<b>2001</b>	<b>%</b>	<b>2002</b>	<b>%</b>
<b>Total Crashes</b>	<b>6,869</b>		<b>7,621</b>		<b>6,277</b>		<b>3,131</b>	
Alcohol involvement	244	3.6	259	3.4	222	3.5	146	4.7
Unsafe speed	587	8.5	793	10.4	517	8.2	297	9.5
Driver inattention/distraction**	1,639	23.9	1,748	22.9	1,363	21.7	760	24.3
Failure to yield right-of-way	1,176	17.1	1,303	17.1	1,073	17.1	610	19.5
Following too closely	1,064	15.5	1,241	16.3	871	13.9	559	17.9
Improper passing/lane usage	292	4.3	329	4.3	254	4.0	115	3.7
Traffic control disregarded	335	4.9	339	4.4	285	4.5	201	6.4
Unsafe lane changing	317	4.6	383	5.0	271	4.3	115	3.7

\* 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.

**ALBANY COUNTY**  
**REPORTED SAFETY RESTRAINT USE IN CRASHES\***

	<b>1999</b>		<b>2000</b>		<b>2001</b>		<b>2002</b>	
	<b>All Occupants %</b>	<b>K&amp;A Occupants %</b>						
No restraint used	4.3	19.5	3.9	16.7	2.7	16.7	4.4	15.1
Restraint used	87.2	71.8	92.3	78.4	84.2	73.3	89.6	65.7
Restraint use unspecified	8.6	8.7	3.9	4.9	13.0	10.0	6.1	19.2

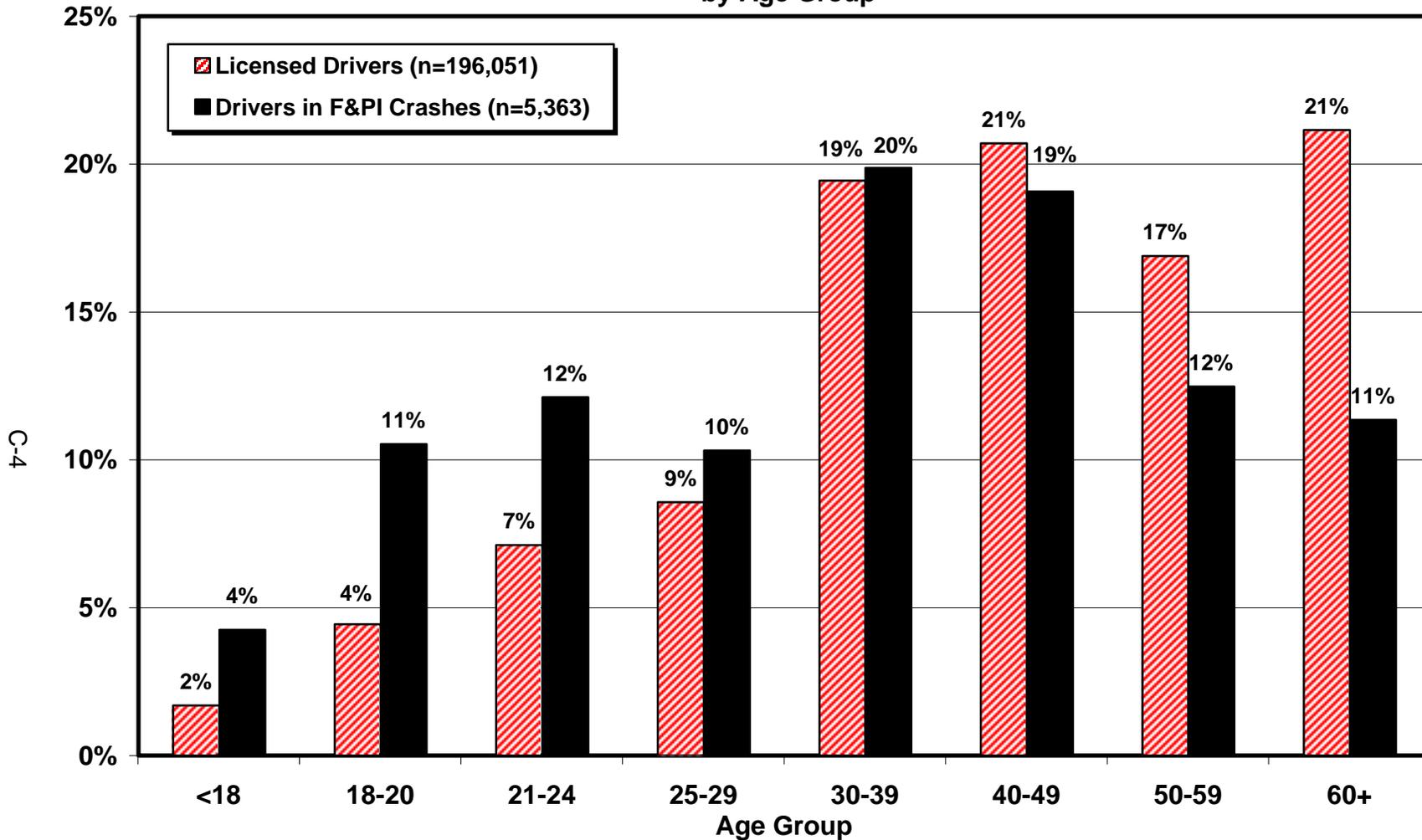
\* Police-reported crashes only.

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.

## Albany County 2002

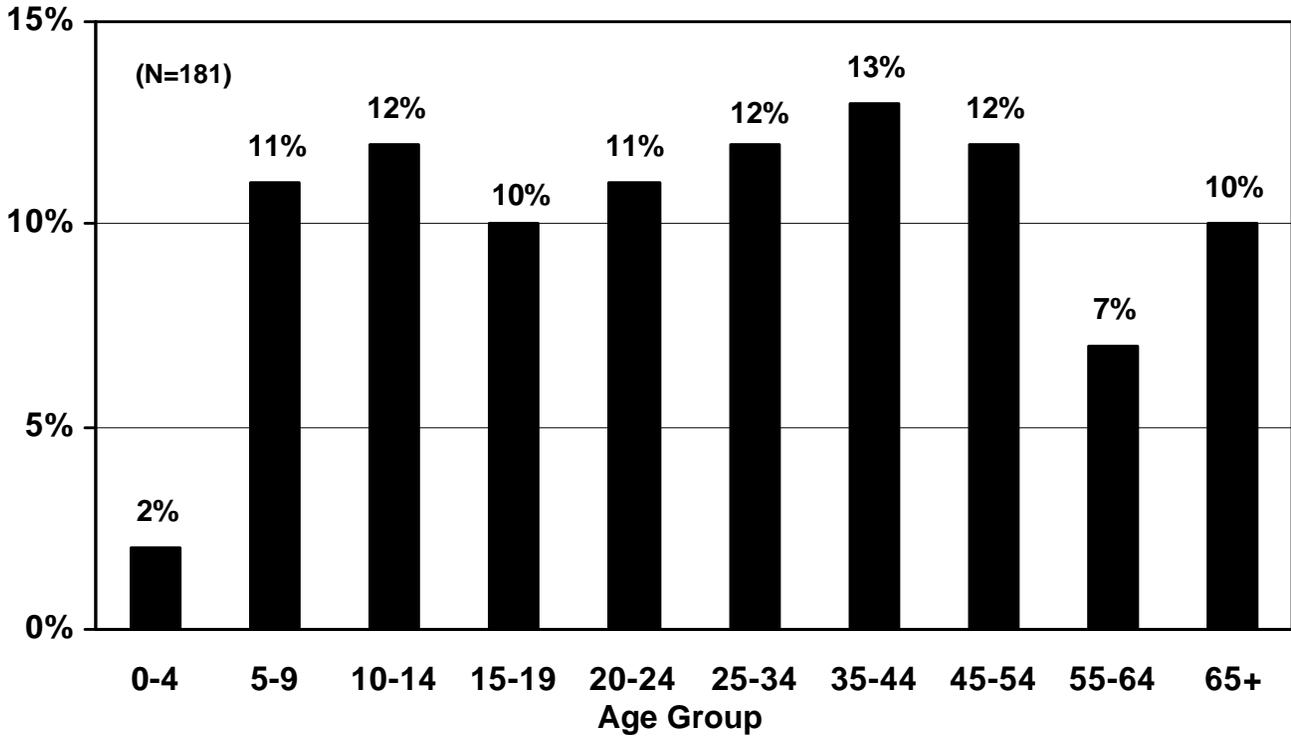
### Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

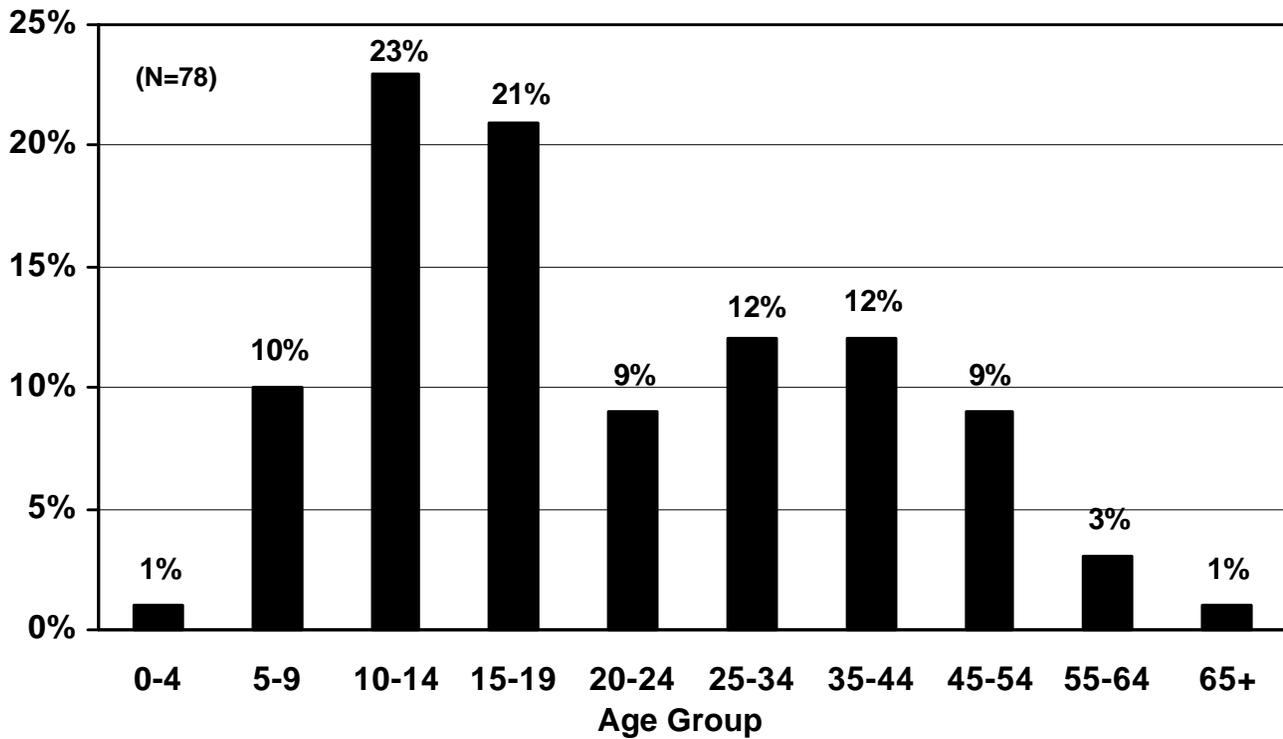
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

**ALBANY COUNTY**  
**ALCOHOL-RELATED CRASH DATA\***

	<b>1999</b>	<b>2000</b>	<b>2001</b>	<b>2002</b>
<b>TOTAL CRASHES (events)</b>	<b>6,869</b>	<b>7,621</b>	<b>6,277</b>	<b>3,131</b>
Alcohol-related crashes	241	259	226	160
% of total crashes	3.5	3.4	3.6	5.1
<b>FATAL CRASHES (events)</b>	<b>14</b>	<b>23</b>	<b>20</b>	<b>18</b>
Alcohol-related fatal crashes	5	5	6	5
% of fatal crashes	35.7	21.7	30.0	27.8
<b>PERSONAL INJURY CRASHES (events)</b>	<b>2,850</b>	<b>2,987</b>	<b>2,745</b>	<b>2,688</b>
Alcohol-related injury crashes	137	125	121	147
% of injury crashes	4.8	4.2	4.4	5.5
<b>TOTAL FATALITIES (persons)</b>	<b>15</b>	<b>27</b>	<b>20</b>	<b>18</b>
Alcohol-related fatalities	6	5	6	5
% of total fatalities	40.0	18.5	30.0	27.8
<b>TOTAL INJURIES (persons)</b>	<b>4,046</b>	<b>4,245</b>	<b>3,802</b>	<b>3,651</b>
Alcohol-related injuries	180	193	166	210
% of total injuries	4.4	4.5	4.4	5.8

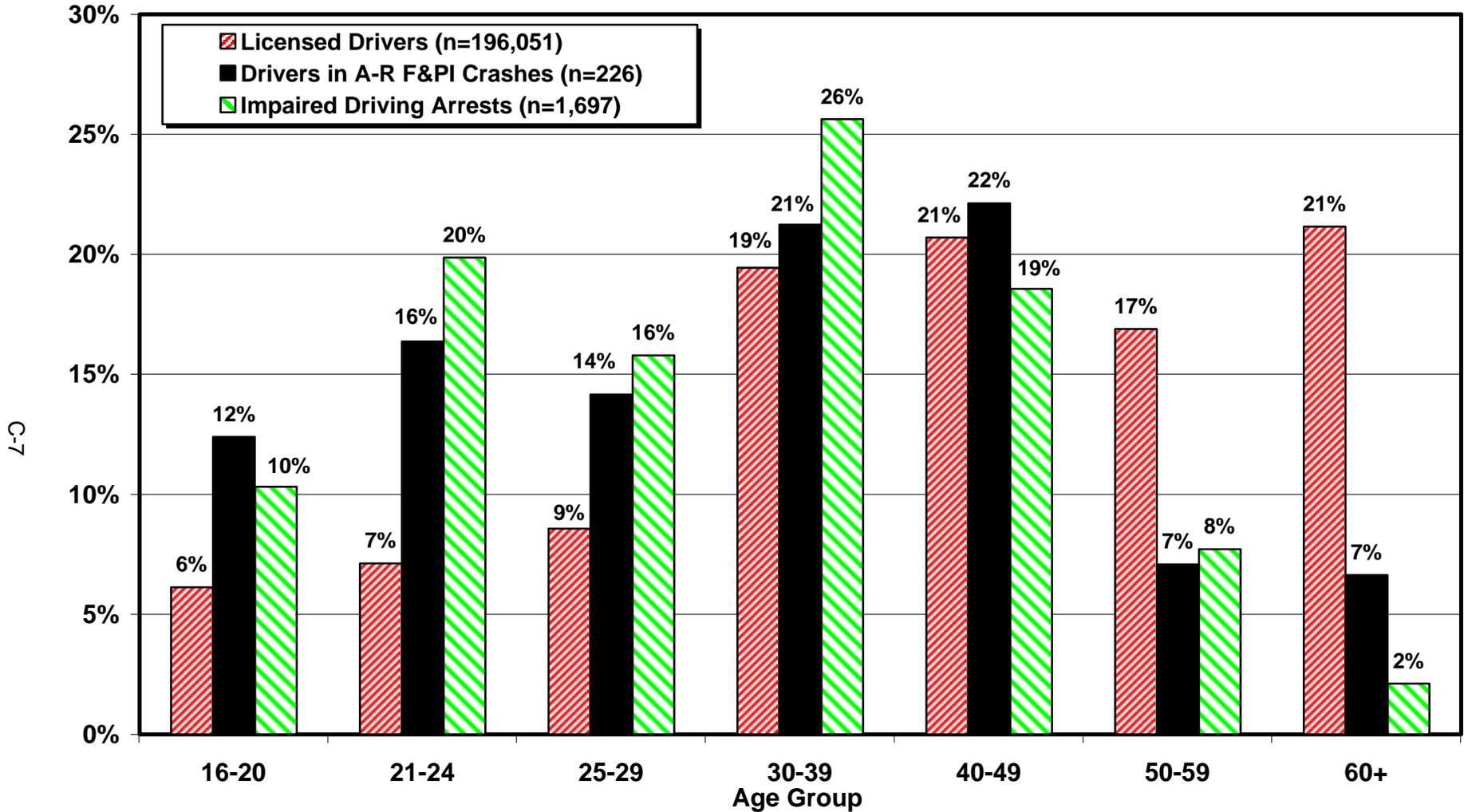
\* Police-reported crashes only.

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.

## Albany 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 fatal and personal injury alcohol-related crashes than licensed drivers indicates that drivers in that age group are overrepresented in fatal and personal injury alcohol-related crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

Source: NYSDMV driver's license file, AIS Data Base, and TSLE&D ticket system. Arrest data compiled by ITS MR.

## ALBANY 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>	19,817	21,310	24,328	22,059
% of total tickets	28.8	29.5	30.0	28.7
% convicted on same charge	42.8	36.5	28.2	24.9
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	10,561	9,212	11,116	8,249
% of total tickets	15.4	12.8	13.7	10.7
% convicted on same charge	82.9	74.2	67.7	60.1
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	2,920	2,548	2,777	2,783
% of total tickets	4.2	3.5	3.4	3.6
<b>PERSONS ARRESTED*</b>	1,875	1,559	1,699	1,657
% arrested as result of patrol activity**	91.1	88.8	91.2	91.3
% arrested as result of crash	7.3	10.6	8.0	7.9
% arrested as result of <i>other means</i> ***	1.6	0.6	0.8	0.8
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>68,732</b>	<b>72,240</b>	<b>81,103</b>	<b>76,768</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.

## ALBANY COUNTY

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

	2000	2001	2002	2003
<b>Persons Arrested</b>	<b>(N=1,875)</b>	<b>(N=1,572)</b>	<b>(N=1,699)</b>	<b>(N=1,657)</b>
Case adjudicated	93.7%	88.3%	93.3%	88.7%
Case pending	6.3%	11.7%	6.7%	11.3%
<b>Disposition of Adjudicated Cases*</b>	<b>(N=1,756)</b>	<b>(N=1,388)</b>	<b>(N=1,586)</b>	<b>(N=1,470)</b>
<b>Convicted on Alcohol Charge</b>	<b>86.0%</b>	<b>93.1%</b>	<b>91.8%</b>	<b>94.4%</b>
Convicted on original alcohol charge	24.8%	29.9%	30.2%	25.7%
Convicted on reduced alcohol charge	55.9%	57.3%	55.7%	63.3%
Convicted on other alcohol charge	5.4%	5.9%	5.9%	5.4%
<b>Convicted on Non-Alcohol Charge</b>	<b>4.6%</b>	<b>1.9%</b>	<b>2.9%</b>	<b>1.2%</b>
<b>Dismissed/Acquitted/Convicted on charge associated with different event</b>	<b>9.4%</b>	<b>5.0%</b>	<b>5.3%</b>	<b>4.4%</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.

## ALBANY COUNTY

### DWI/AI Probation Data

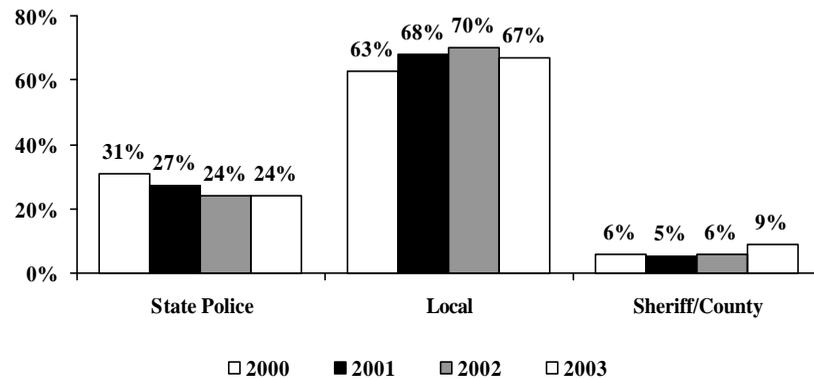
	2000	2001	2002	2003
<b>Number of Persons Sentenced to Probation</b>	159	159	163	139
<b>Number of Persons on Probation*</b>	506	563	516	378

\* 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.

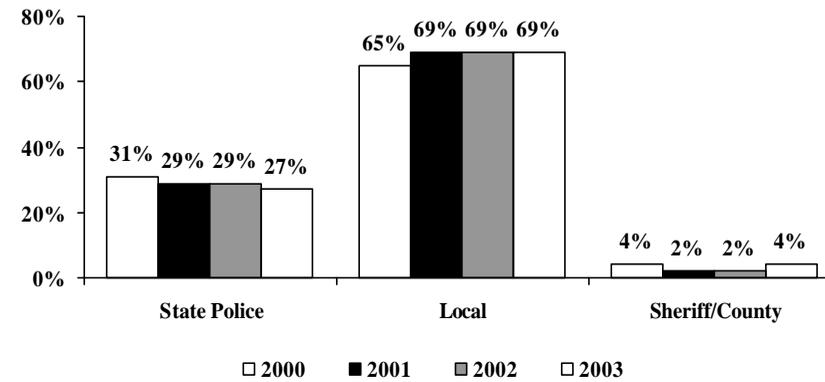
Source: NYS Division of Probation and Correctional Alternatives.

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

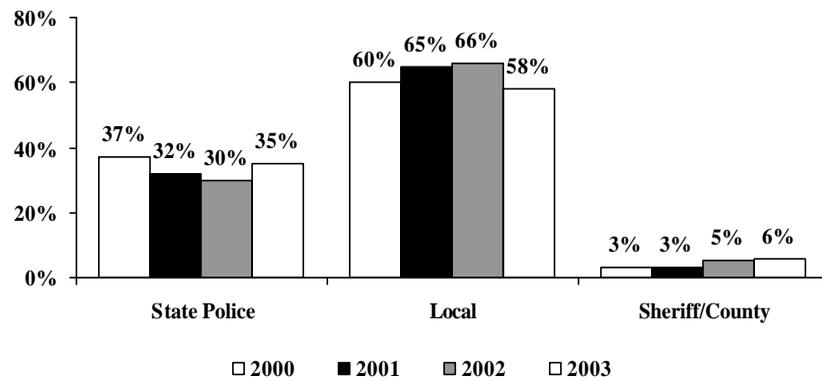
**All Tickets**



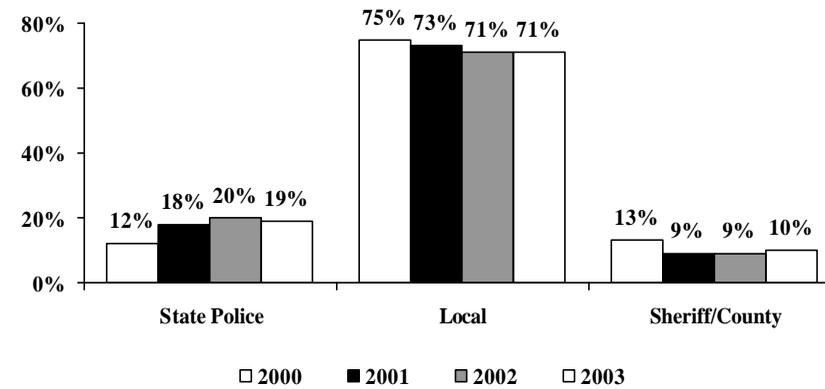
**Seat Belt Tickets**



**Speed Tickets**



**Persons Ticketed for Impaired Driving**



C-10

## ALBANY 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
Albany Sheriff NCIC 00100	alcohol	412	15.8	13.7	265	11.9	10.4	274	11.5	9.9	324	14.0	11.6
	speed	708	5.5	3.4	661	4.7	3.1	1,094	6.5	4.5	1,403	10.0	6.4
	seatbelt	423	5.7	3.9	152	2.4	1.7	212	2.7	1.9	359	6.0	4.4
Albany P.D. NCIC 00101	alcohol	562	21.6	18.7	405	18.3	15.9	459	19.2	16.6	346	14.9	12.4
	speed	3,328	25.8	16.1	3,870	27.4	18.2	4,048	24.2	16.7	3,217	23.0	14.6
	seatbelt	2,371	32.0	21.9	1,713	26.6	18.6	1,938	24.8	17.4	1,298	21.6	15.7
Cohoes P.D. NCIC 00102	alcohol	111	4.3	3.7	96	4.3	3.8	166	7.0	6.0	149	6.4	5.4
	speed	392	3.0	1.9	336	2.4	1.6	2,561	15.3	10.5	1,467	10.5	6.7
	seatbelt	298	4.0	2.8	334	5.2	3.6	1,225	15.7	11.0	866	14.4	10.5
Watervliet P.D. NCIC 00103	alcohol	73	2.8	2.4	99	4.5	3.9	55	2.3	2.0	57	2.5	2.0
	speed	574	4.4	2.8	511	3.6	2.4	1,094	6.5	4.5	808	5.8	3.7
	seatbelt	740	10.0	6.8	482	7.5	5.2	1,019	13.1	9.1	629	10.5	7.6
Green Island P.D. NCIC 00120	alcohol	89	3.4	3.0	31	1.4	1.2	79	3.3	2.9	96	4.1	3.4
	speed	221	1.7	1.1	368	2.6	1.7	256	1.5	1.1	489	3.5	2.2
	seatbelt	64	0.9	0.6	151	2.3	1.6	157	2.0	1.4	249	4.1	3.0
Altamont P.D. NCIC 00121	alcohol	28	1.1	0.9	13	0.6	0.5	8	0.3	0.3	0	0.0	0.0
	speed	123	1.0	0.6	269	1.9	1.3	140	0.8	0.6	250	1.8	1.1
	seatbelt	134	1.8	1.2	127	2.0	1.4	63	0.8	0.6	90	1.5	1.1
Ravena P.D. NCIC 00123	alcohol	39	1.5	1.3	17	0.8	0.7	11	0.5	0.4	4	0.2	0.1
	speed	179	1.4	0.9	86	0.6	0.4	79	0.5	0.3	43	0.3	0.2
	seatbelt	137	1.9	1.3	10	0.2	0.1	23	0.3	0.2	11	0.2	0.1
Menands P.D. NCIC 00125	alcohol	92	3.5	3.1	129	5.8	5.1	131	5.5	4.7	87	3.8	3.1
	speed	292	2.3	1.4	606	4.3	2.9	533	3.2	2.2	402	2.9	1.8
	seatbelt	239	3.2	2.2	291	4.5	3.2	90	1.2	0.8	126	2.1	1.5

## ALBANY 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
Bethlehem P.D.	alcohol	212	8.1	7.1	190	8.6	7.5	224	9.4	8.1	247	10.7	8.9
NCIC 00151	speed	1,646	12.7	8.0	2,405	17.1	11.3	1,981	11.8	8.2	1,885	13.5	8.5
	seatbelt	593	8.0	5.5	1,457	22.7	15.8	844	10.8	7.6	1,113	18.5	13.5
Guilderland P.D.	alcohol	383	14.7	12.8	276	12.4	10.9	326	13.7	11.8	387	16.7	13.9
NCIC 00152	speed	977	7.6	4.7	491	3.5	2.3	800	4.8	3.3	684	4.9	3.1
	seatbelt	464	6.3	4.3	195	3.0	2.1	369	4.7	3.3	220	3.7	2.7
Colonie P.D.	alcohol	584	22.4	19.5	628	28.3	24.7	579	24.3	20.9	547	23.6	19.7
NCIC 00153	speed	4,256	33.0	20.6	4,251	30.1	20.0	3,653	21.9	15.0	2,966	21.2	13.4
	seatbelt	1,876	25.3	17.3	1,431	22.3	15.6	1,676	21.5	15.0	945	15.7	11.5
Coeymans Twn. P.D.	alcohol	22	0.8	0.7	69	3.1	2.7	75	3.1	2.7	75	3.2	2.7
NCIC 00158	speed	215	1.7	1.0	246	1.7	1.2	479	2.9	2.0	384	2.7	1.7
	seatbelt	62	0.8	0.6	86	1.3	0.9	183	2.3	1.6	105	1.7	1.3
<b>Totals by Agency Type</b>													
Sheriff and Local	alcohol	2,607		86.9	2,218		87.2	2,387		86.1	2,319		83.3
	speed	12,911		62.5	14,100		66.5	16,718		68.8	13,998		63.5
	seatbelt	7,401		68.4	6,429		69.9	7,799		69.9	6,011		72.9
State Police incl. Capitol Police	alcohol	378		12.6	290		11.4	357		12.9	384		13.8
	speed	7,662		37.1	6,760		31.9	7,199		29.6	7,777		35.3
	seatbelt	3,395		31.4	2,710		29.5	3,254		29.2	2,202		26.7
Other incl. SUNY and Park Police	alcohol	15		0.5	35		1.4	27		1.0	80		2.9
	speed	77		0.4	352		1.7	378		1.6	284		1.3
	seatbelt	20		0.2	55		0.6	97		0.9	36		0.4
<b>County Totals</b>													
	alcohol	<b>3,000</b>			<b>2,543</b>			<b>2,771</b>			<b>2,783</b>		
	speed	<b>20,650</b>			<b>21,212</b>			<b>24,295</b>			<b>22,059</b>		
	seatbelt	<b>10,816</b>			<b>9,194</b>			<b>11,150</b>			<b>8,249</b>		

Source: NYS DMV