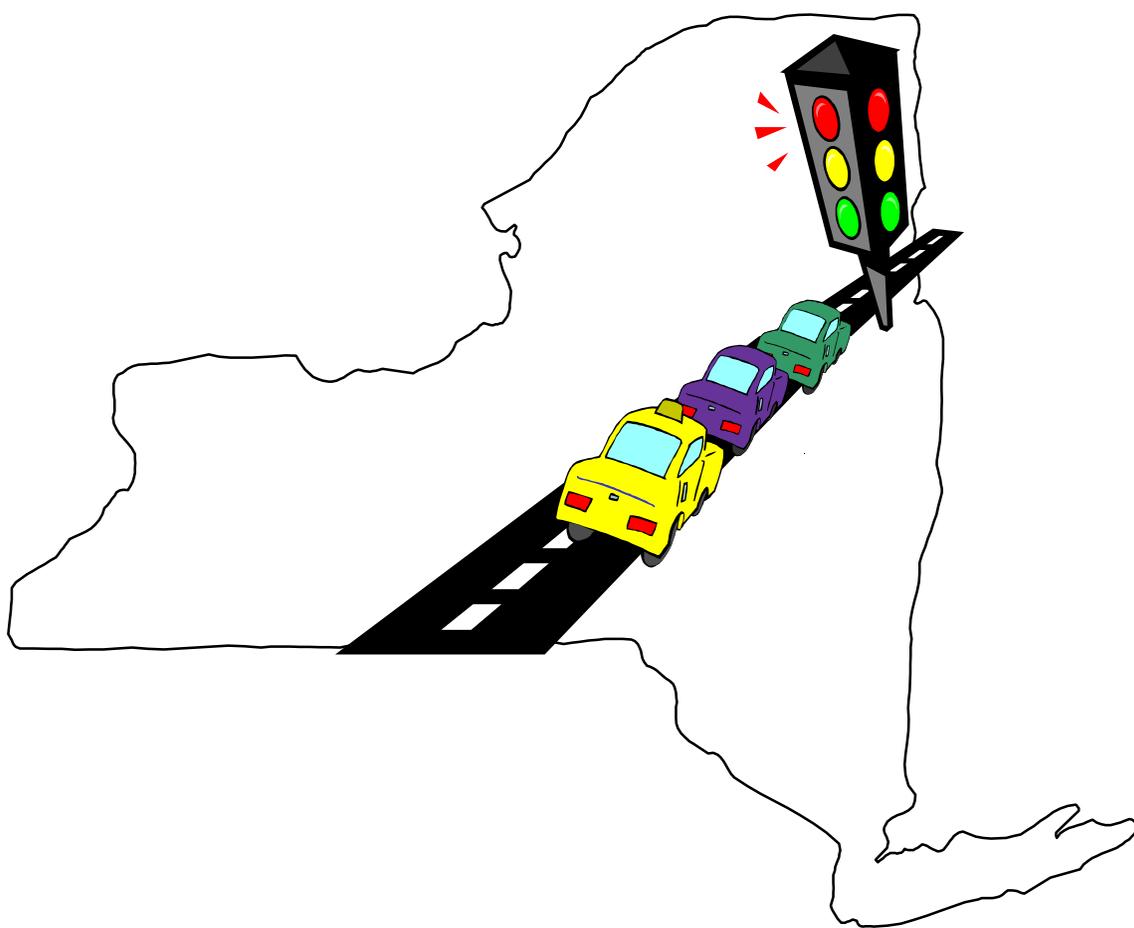


# **RICHMOND COUNTY**

## **TRAFFIC SAFETY DATA**



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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 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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Erie  
Genesee  
Niagara  
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Tompkins  
Wyoming

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# RICHMOND COUNTY

## CRASH DATA

	1998	%	1999	%	2000	%	2001	%
<b>TOTAL CRASHES* (events)</b>	<b>5,318 *</b>		<b>5,781 *</b>		<b>6,258 *</b>		<b>6,183 *</b>	
Fatal	22	0.4	15	0.3	24	0.4	27	0.4
Personal Injury	4,204	79.1	3,808	65.9	3,805	60.8	3,976	64.3
Property Damage*	1,092 *	20.5	1,958 *	33.9	2,429 *	38.8	2,180 *	35.3
<b>SELECTED CRASH TYPES (events)</b>								
Pedestrian crashes	307	5.8	329	5.7	329	5.3	378	6.1
Bicycle crashes	131	2.5	102	1.8	98	1.6	85	1.4
Motorcycle crashes	69	1.3	83	1.4	80	1.3	110	1.8
<b>TOTAL FATALITIES (persons)</b>	<b>26</b>		<b>15</b>		<b>25</b>		<b>30</b>	
Drivers	13	50.0	7	46.7	13	52.0	11	36.7
Passengers	12	46.2	2	13.3	4	16.0	4	13.3
Pedestrians	1	3.8	6	40.0	7	28.0	14	46.7
Bicyclists	0	0.0	0	0.0	1	4.0	1	3.3
<b>TOTAL INJURIES** (persons)</b>	<b>6,339</b>		<b>5,126</b>		<b>4,933</b>		<b>5,654</b>	
Drivers	3,835	60.5	3,067	59.8	2,880	58.4	3,408	60.3
Passengers	2,061	32.5	1,627	31.7	1,654	33.5	1,797	31.8
Pedestrians	306	4.8	329	6.4	310	6.3	358	6.3
Bicyclists	134	2.1	101	2.0	89	1.8	80	1.4

\* 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.

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

	1998	1999	2000	2001
<b>CRASH RATES</b>				
Crash Rate per 10,000 Population	130.62	139.88	141.03	137.35
Crash Rate per 10,000 Licensed Drivers	205.80	219.99	231.16	223.16
<b>FATALITY &amp; INJURY RATES</b>				
Fatality & Injury Rate per 10,000 Population	164.45	141.24	133.46	130.76
Fatality & Injury Rate per 10,000 Licensed Drivers	259.09	222.12	218.75	212.44
<b>MEAN SEVERITY OF INJURY (MSI)</b>	1.259	1.241	1.238	1.226

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

## RICHMOND COUNTY

### SELECTED CONTRIBUTING FACTORS IN CRASHES\*

	1998	%	1999	%	2000	%	2001	%
<b>Total Crashes</b>	<b>4,704</b>		<b>4,696</b>		<b>4,667</b>		<b>5,642</b>	
Alcohol involvement	75	1.6	59	1.3	74	1.6	74	1.3
Unsafe speed	233	5.0	219	4.7	240	5.1	239	4.2
Driver inattention/distraction**	1,033	22.0	1,288	27.4	1,586	34.0	1,506	26.7
Failure to yield right-of-way	523	11.1	628	13.4	577	12.4	540	9.6
Following too closely	391	8.3	477	10.2	467	10.0	491	8.7
Improper passing/lane usage	104	2.2	142	3.0	127	2.7	108	1.9
Traffic control disregarded	186	4.0	200	4.3	228	4.9	228	4.0
Unsafe lane changing	106	2.3	120	2.6	148	3.2	133	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: 1998-2000 NYSDMV county MV-144A, Table 13(P).  
2001 NYSDMV AIS Data Base.

## RICHMOND COUNTY

### REPORTED SAFETY RESTRAINT USE IN CRASHES\*

	1998		1999		2000		2001	
	All Occupants %	K&A Occupants %						
	<b>14,310</b>	<b>284</b>	<b>13,895</b>	<b>196</b>	<b>12,449</b>	<b>205</b>	<b>16,034</b>	<b>206</b>
No restraint used	7.7	20.8	5.5	23.0	5.7	18.5	5.0	16.0
Restraint used	66.8	59.9	70.6	58.2	80.1	57.1	71.6	68.0
Restraint use unspecified	25.6	19.4	23.9	18.9	14.1	24.4	23.4	16.0

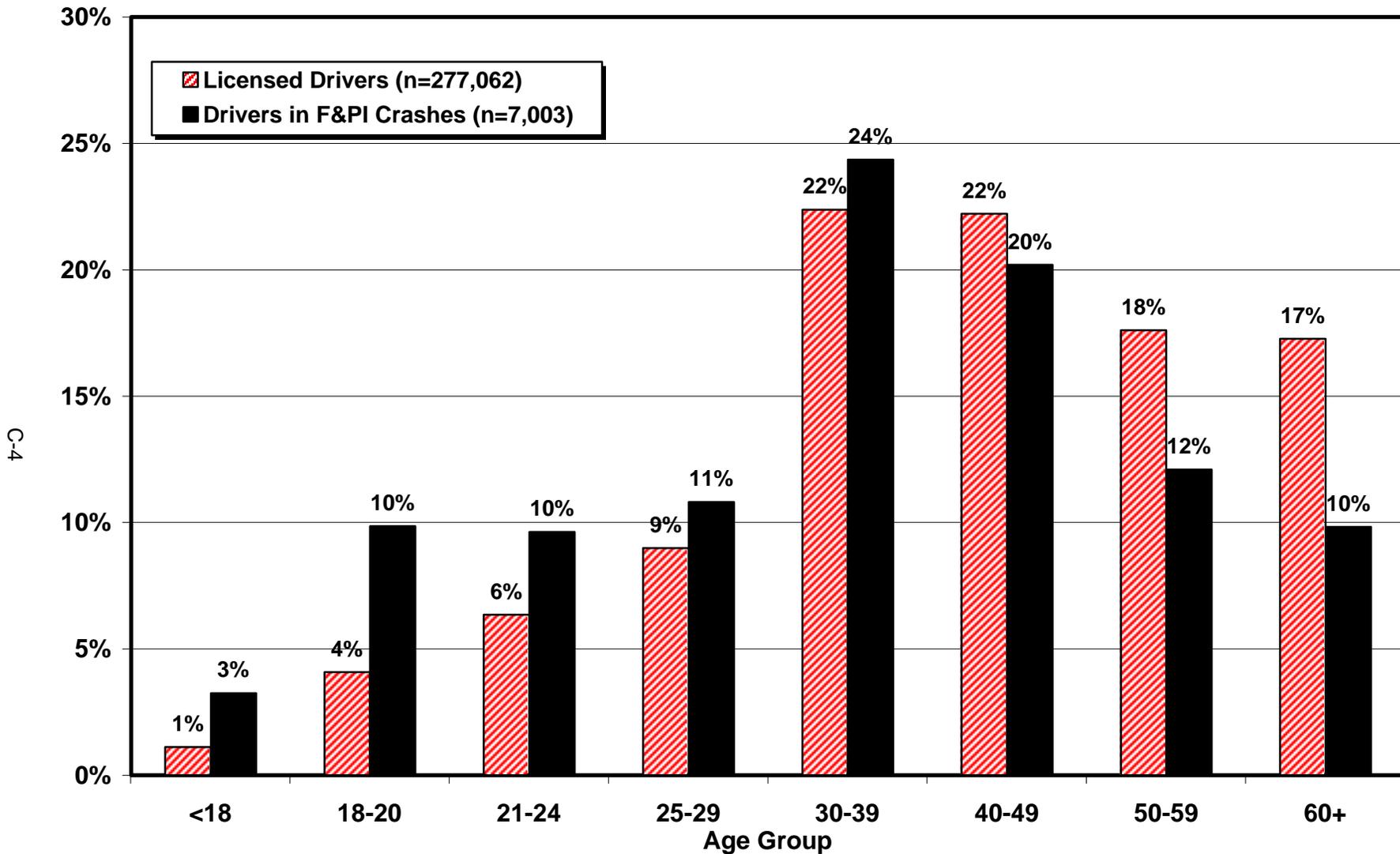
\* Police-reported crashes only.

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.

## Richmond County 2001

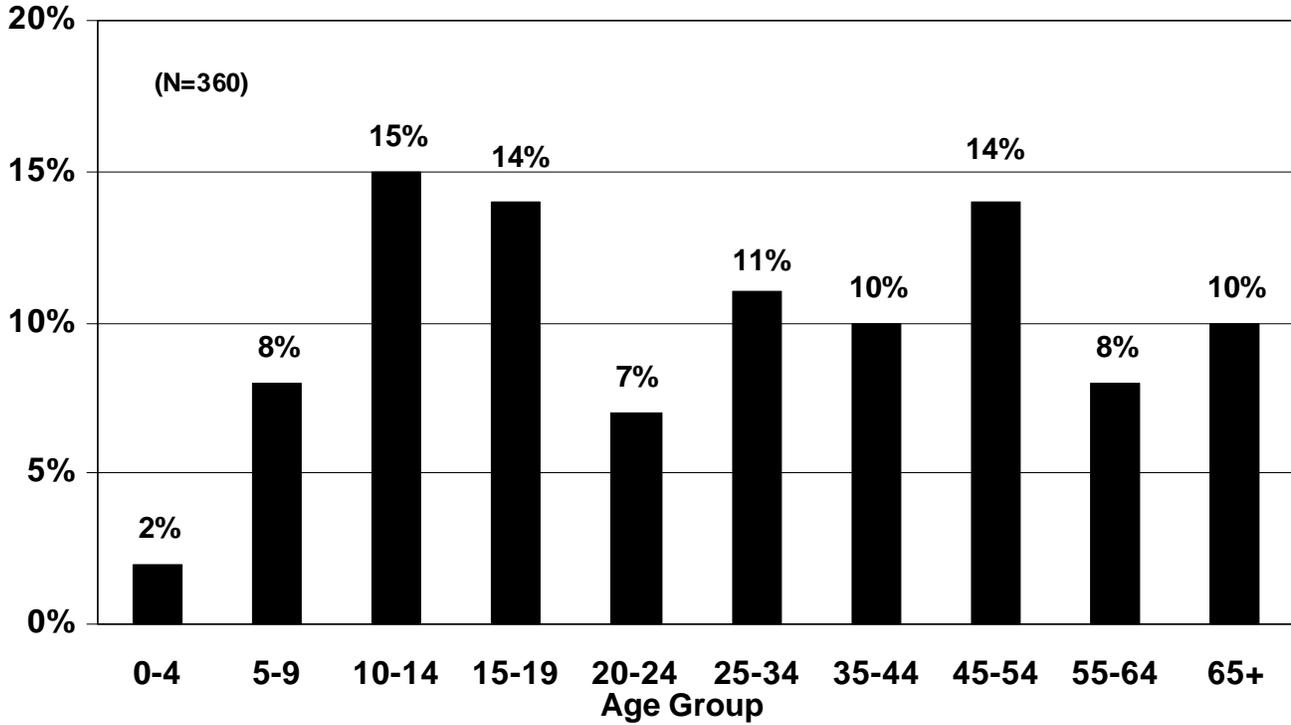
### Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

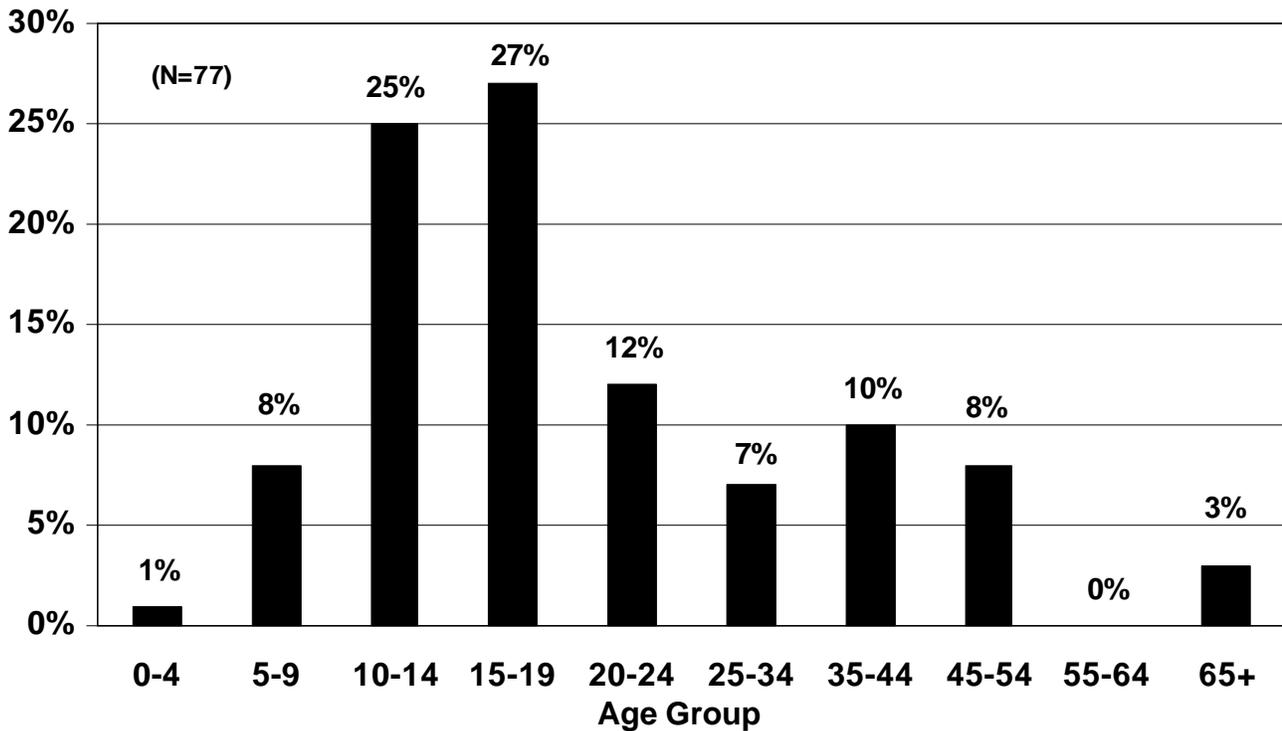
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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



Source: NYSDMV AIS Data Base.

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

	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>2001</b>
<b>TOTAL CRASHES (events)</b>	<b>4,704</b>	<b>4,696</b>	<b>4,667</b>	<b>5,642</b>
Alcohol-related crashes	79	59	74	77
% of total crashes	1.7	1.3	1.6	1.4
<b>FATAL CRASHES (events)</b>	<b>22</b>	<b>15</b>	<b>24</b>	<b>27</b>
Alcohol-related fatal crashes	4	1	4	8
% of fatal crashes	18.2	6.7	16.7	29.6
<b>PERSONAL INJURY CRASHES (events)</b>	<b>3,961</b>	<b>3,289</b>	<b>3,107</b>	<b>3,822</b>
Alcohol-related injury crashes	72	48	60	51
% of injury crashes	1.8	1.5	1.9	1.3
<b>TOTAL FATALITIES (persons)</b>	<b>26</b>	<b>15</b>	<b>25</b>	<b>30</b>
Alcohol-related fatalities	5	1	4	9
% of total fatalities	19.2	6.7	16.0	30.0
<b>TOTAL INJURIES (persons)</b>	<b>6,339</b>	<b>5,126</b>	<b>4,933</b>	<b>5,654</b>
Alcohol-related injuries	126	83	103	77
% of total injuries	2.0	1.6	2.1	1.4

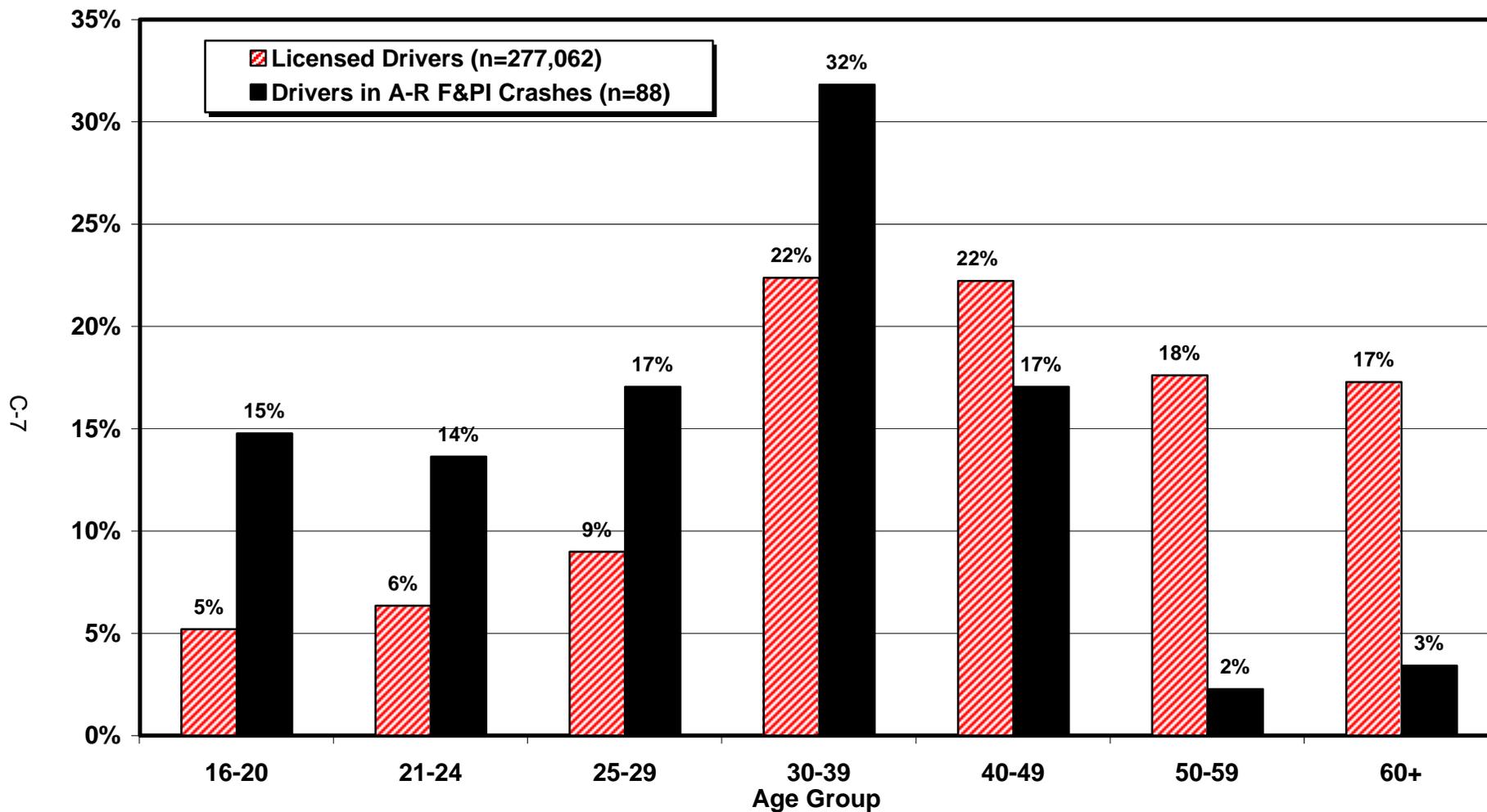
\* Police-reported crashes only.

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.

## Richmond County 2001

### Licensed Drivers and Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes 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.

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

## RICHMOND COUNTY

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

VIOLATION	1999	2000	2001	2002
<b>SPEED</b>	14,150	14,680	12,515	15,170
% of total tickets	14.6	14.1	11.9	16.8
% convicted on same charge	97.9	98.7	96.9	96.5
<b>SAFETY RESTRAINTS</b>	8,590	9,030	7,365	16,500
% of total tickets	8.9	8.7	7.0	18.3
% convicted on same charge	95.5	96.6	94.7	97.0
<b>TOTAL TICKETS FOR ALL V&amp;T VIOLATIONS</b>	<b>97,000</b>	<b>104,385</b>	<b>104,970</b>	<b>90,050</b>

Source: NYSDMV Administrative Adjudication ticket system.

## RICHMOND COUNTY

### Adjudication Status of Impaired Driving Cases & Conviction Rates

Adjudication data are not available for Impaired Driving cases in this county.

## RICHMOND COUNTY

### DWI/AI Probation Data

	1999	2000	2001	2002
<b>Number of Persons Sentenced to Probation</b>	NA	NA	42	39
<b>Number of Persons on Probation*</b>	NA	NA	301	280

\* 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.

# **RICHMOND COUNTY**

## **V&T Tickets Issued by Agency Type**

*New York City Police Department has responsibility for all enforcement activities in this county.*

# **RICHMOND COUNTY**

## **V&T Tickets Issued for Selected Violations by Enforcement Agency**

*New York City Police Department has responsibility for all enforcement activities in this county.*