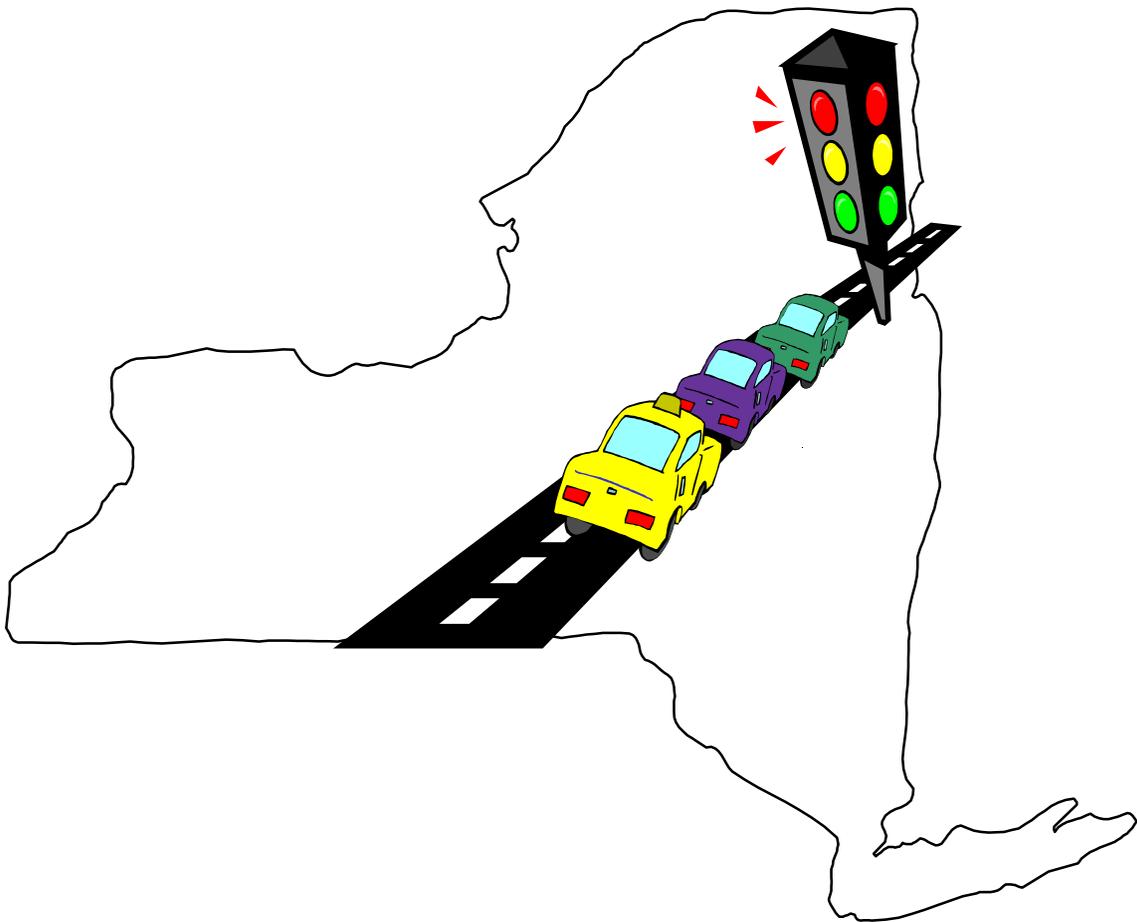


BRONX COUNTY

TRAFFIC SAFETY DATA



Prepared by

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607, Albany, NY 12205-2604

Phone 518-453-0291 . FAX 518-453-0298

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

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607
Albany, New York 12205
Telephone: 518-453-0291

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles
Empire State Plaza
Albany, New York 12228
Telephone: 518-474-5111

Contact Your GTSC Representative

Jennifer Hogan

518-473-7786

jhoga1@dmv.state.ny.us

Renee Barchitta

518-473-6786

rbarc@dmv.state.ny.us

Brad Swartz

518-474-9830

bswar@dmv.state.ny.us

Rich Devlin

518-486-4221

rdevl@dmv.state.ny.us

Albany
Bronx
Columbia
Fulton
Greene
Herkimer
Kings
Montgomery
Nassau
New York
Rensselaer
Richmond
Queens
Saratoga
Schenectady
Schoharie
Suffolk
Washington

Clinton
Dutchess
Essex
Franklin
Hamilton
Jefferson
Lewis
Orange
Putnam
Rockland
Sullivan
St. Lawrence
Ulster
Warren
Westchester

Cayuga
Chemung
Cortland
Livingston
Madison
Monroe
Oneida
Onondaga
Ontario
Oswego
Schuyler
Seneca
Steuben
Wayne
Yates

Allegany
Broome
Cattaraugus
Chautauqua
Chenango
Delaware
Erie
Genesee
Niagara
Orleans
Otsego
Tioga
Tompkins
Wyoming

TABLE OF CONTENTS

COUNTY DATA

	Page
Crash Data (Crashes, Fatalities & Injuries): 1998-2001	C-1
Crash and Fatality & Injury Rates: 1998-2001	C-2
Selected Contributing Factors in Crashes: 1998-2001	C-3
Reported Safety Restraint Use in Crashes: 1998-2001	C-3
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group: 2001	C-4
Pedestrians Killed or Injured by Age Group: 2001	C-5
Bicyclists Killed or Injured by Age Group: 2001	C-5
Alcohol-Related Crash Data: 1998-2001	C-6
Licensed Drivers, Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group: 2001	C-7
TSLE&D Tickets Issued and Conviction Rates for Selected V&T Violations: 1999-2002	C-8
Adjudication Status of Impaired Driving Cases & Conviction Rates TSLE&D Agencies: 1999-2002.....	C-9
DWI/AI Probation Data: 1999-2002	C-9
V&T Tickets Issued by TSLE&D Agencies by Agency Type: 1999-2002	C-10
TSLE&D Tickets Issued for Selected Violations by Enforcement Agency: 1999-2002	C-11

BRONX COUNTY

CRASH DATA

	1998	%	1999	%	2000	%	2001	%
TOTAL CRASHES* (events)	13,272 *		17,950 *		19,953 *		17,864 *	
Fatal	49	0.4	59	0.3	49	0.2	55	0.3
Personal Injury	11,071	83.4	11,960	66.6	13,194	66.1	12,447	69.7
Property Damage*	2,152 *	16.2	5,931 *	33.0	6,710 *	33.6	5,362 *	30.0
SELECTED CRASH TYPES (events)								
Pedestrian crashes	1,949	14.7	1,901	10.6	1,774	8.9	1,987	11.1
Bicycle crashes	612	4.6	500	2.8	503	2.5	441	2.5
Motorcycle crashes	166	1.3	223	1.2	223	1.1	227	1.3
TOTAL FATALITIES (persons)	50		60		52		59	
Drivers	14	28.0	15	25.0	18	34.6	22	37.3
Passengers	10	20.0	11	18.3	9	17.3	6	10.2
Pedestrians	20	40.0	29	48.3	25	48.1	29	49.2
Bicyclists	6	12.0	5	8.3	0	0.0	2	3.4
TOTAL INJURIES** (persons)	16,970		18,469		20,536		19,093	
Drivers	8,165	48.1	8,826	47.8	9,478	46.2	8,792	46.0
Passengers	6,192	36.5	7,254	39.3	8,787	42.8	7,863	41.2
Pedestrians	2,000	11.8	1,890	10.2	1,764	8.6	1,951	10.2
Bicyclists	604	3.6	486	2.6	499	2.4	429	2.2

* 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.

BRONX COUNTY
CRASH AND FATALITY & INJURY RATES

	1998	1999	2000	2001
CRASH RATES				
Crash Rate per 10,000 Population	111.01	150.32	149.72	133.52
Crash Rate per 10,000 Licensed Drivers	344.42	464.20	493.19	437.07
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	148.57	166.28	169.72	150.17
Fatality & Injury Rate per 10,000 Licensed Drivers	460.97	513.49	564.80	491.56
MEAN SEVERITY OF INJURY (MSI)	1.241	1.208	1.168	1.172

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

BRONX COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1998	%	1999	%	2000	%	2001	%
Total Crashes	11,736		15,849		17,263		16,409	
Alcohol involvement	188	1.6	220	1.4	215	1.2	189	1.2
Unsafe speed	765	6.5	1,035	6.5	1,002	5.8	853	5.2
Driver inattention/distraction**	1,824	15.5	3,583	22.6	4,691	27.2	3,397	20.7
Failure to yield right-of-way	1,032	8.8	1,385	8.7	1,824	10.6	1,342	8.2
Following too closely	1,060	9.0	1,835	11.6	2,171	12.6	1,549	9.4
Improper passing/lane usage	274	2.3	495	3.1	727	4.2	508	3.1
Traffic control disregarded	527	4.5	678	4.3	742	4.3	613	3.7
Unsafe lane changing	362	3.1	836	5.3	980	5.7	736	4.5

* 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.

BRONX COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1998		1999		2000		2001	
	All	K&A	All	K&A	All	K&A	All	K&A
	Occupants	Occupants	Occupants	Occupants	Occupants	Occupants	Occupants	Occupants
	%	%	%	%	%	%	%	%
	35,162	744	48,335	684	50,029	642	49,805	489
No restraint used	9.7	20.0	7.8	22.5	8.6	20.2	6.7	15.7
Restraint used	63.6	58.3	67.5	59.8	74.2	58.7	70.0	61.6
Restraint use unspecified	26.7	21.6	24.7	17.7	17.2	21.0	23.2	22.7

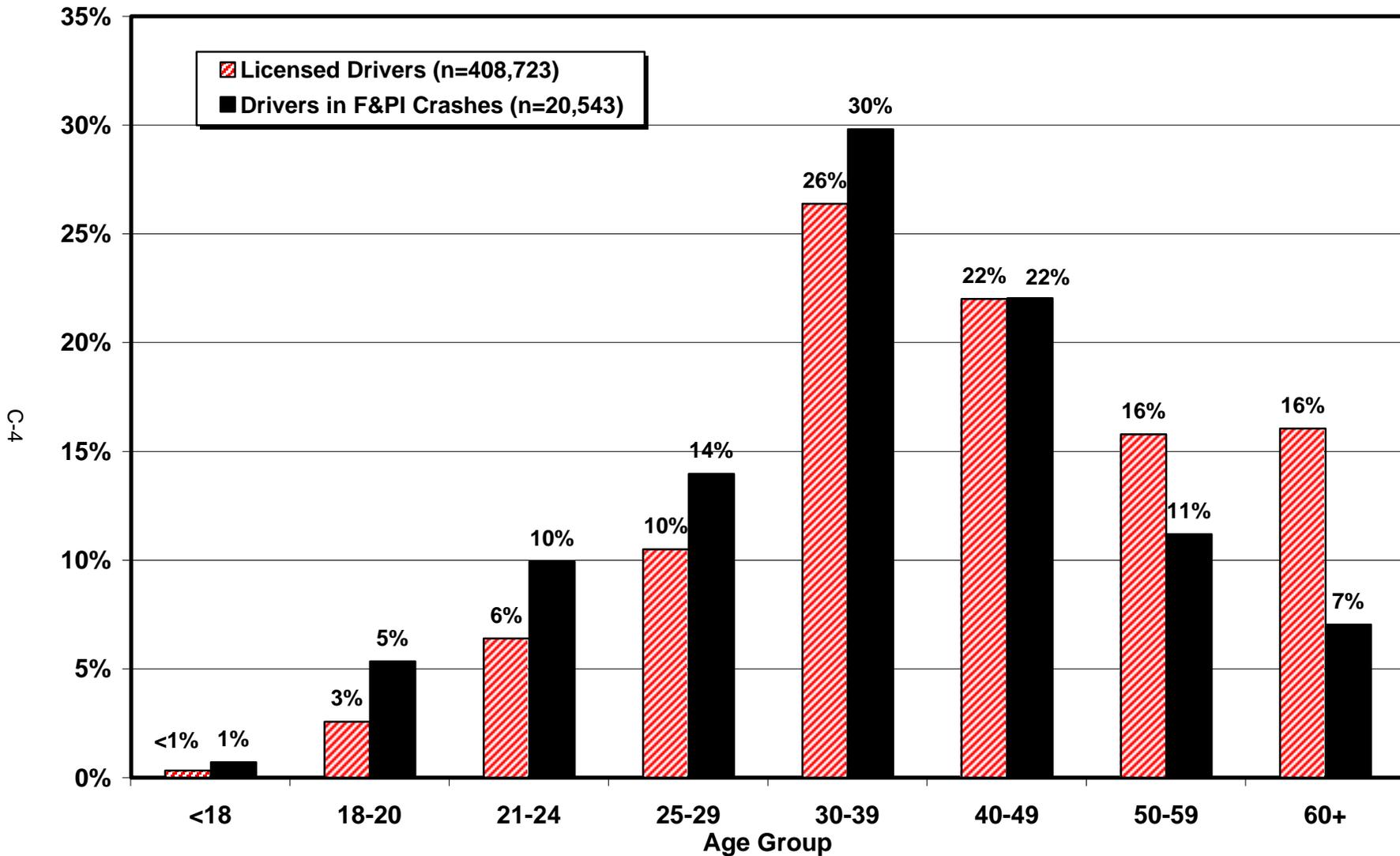
* Police-reported crashes only.

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.

Bronx County 2001

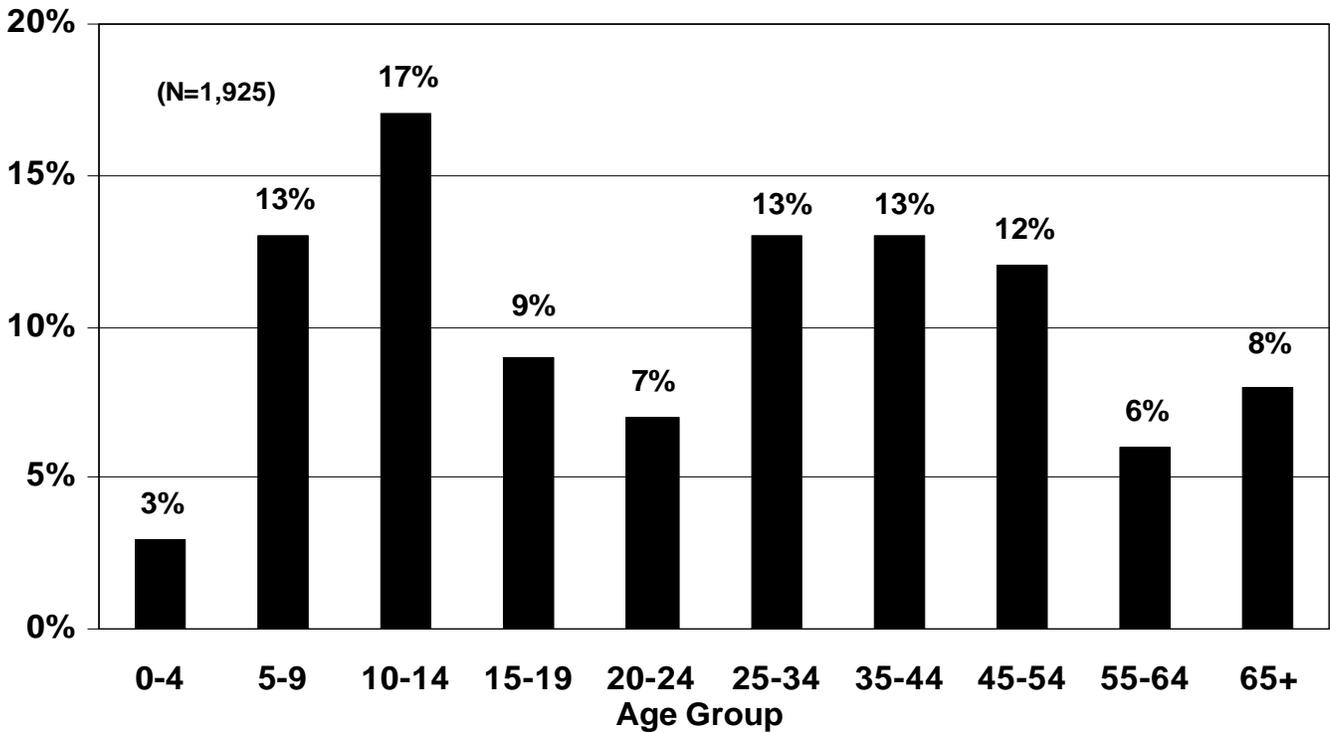
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes by Age Group



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.

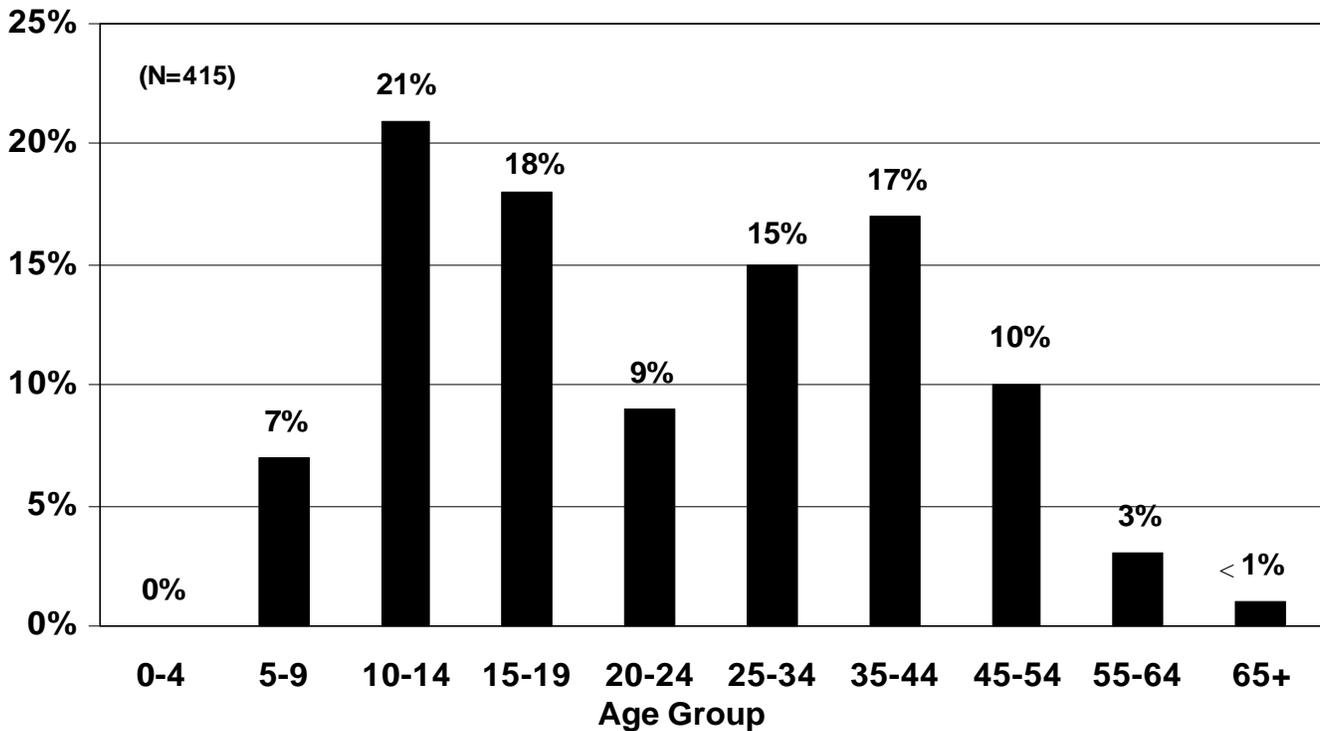
Source: NYSDMV driver's license file and NYSDMV AIS Data Base.

Bronx County 2001 Pedestrians Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

Bronx County 2001 Bicyclists Killed or Injured by Age Group



Source: NYSDMV AIS Data Base.

BRONX COUNTY

ALCOHOL-RELATED CRASH DATA*

	1998	1999	2000	2001
TOTAL CRASHES (events)	11,736	15,849	17,263	16,409
Alcohol-related crashes	189	216	215	198
% of total crashes	1.6	1.4	1.2	1.2
FATAL CRASHES (events)	49	59	49	55
Alcohol-related fatal crashes	6	5	10	14
% of fatal crashes	12.2	8.5	20.4	25.5
PERSONAL INJURY CRASHES (events)	10,500	10,981	11,828	11,799
Alcohol-related injury crashes	173	168	164	153
% of injury crashes	1.6	1.5	1.4	1.3
TOTAL FATALITIES (persons)	50	60	52	59
Alcohol-related fatalities	6	5	13	16
% of total fatalities	12.0	8.3	25.0	27.1
TOTAL INJURIES (persons)	16,970	18,469	20,536	19,093
Alcohol-related injuries	309	274	303	256
% of total injuries	1.8	1.5	1.5	1.3

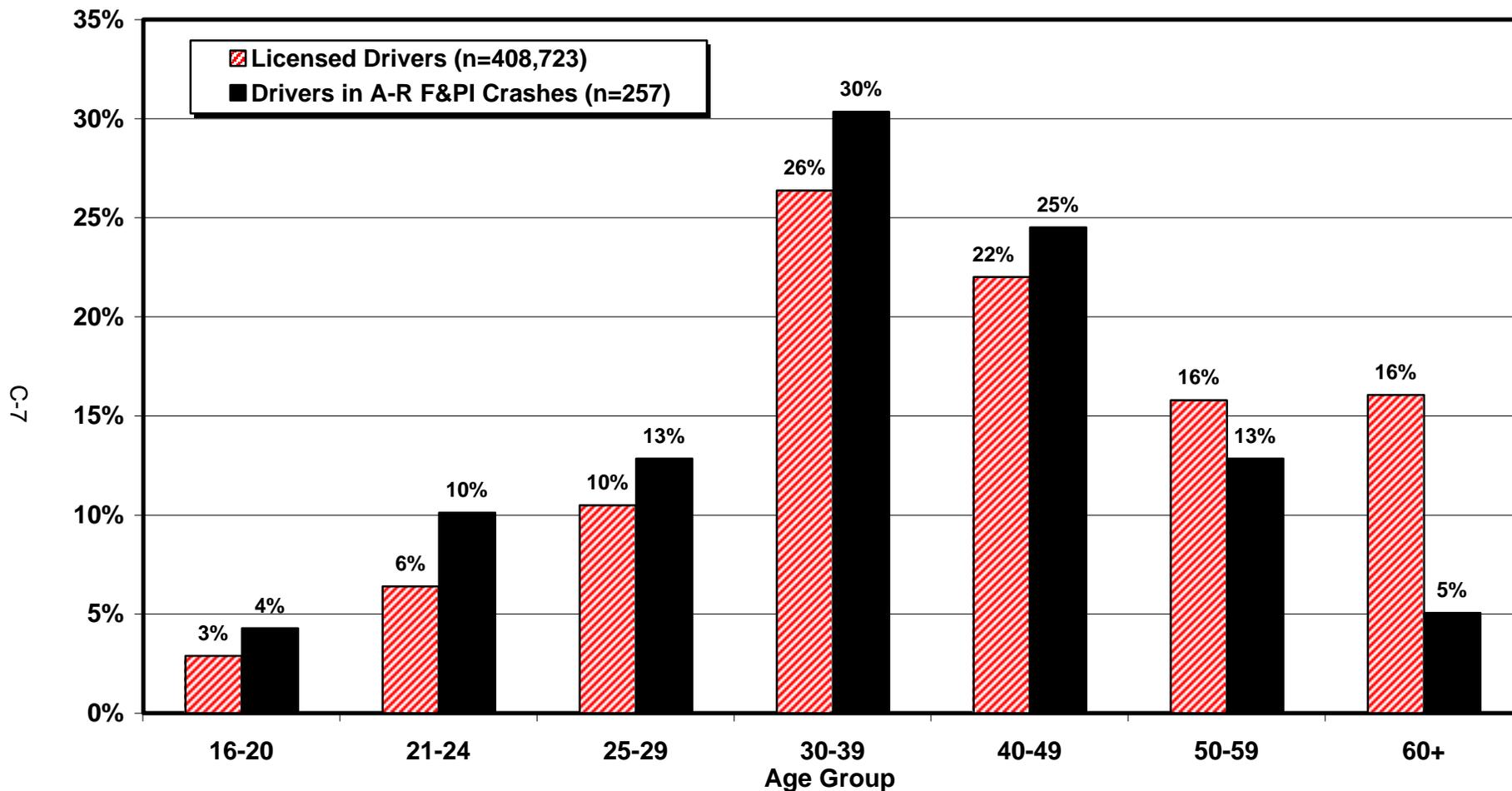
* Police-reported crashes only.

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.

Bronx 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.

BRONX COUNTY

V&T TICKETS ISSUED AND CONVICTION RATES FOR SELECTED VIOLATIONS

VIOLATION	1999	2000	2001	2002
SPEED (V&T 1180)	23,880	25,410	20,555	21,230
% of total tickets	10.9	11.5	9.6	11.5
% convicted on same charge	89.7	90.0	85.7	85.4
SAFETY RESTRAINTS (V&T 1229C)	22,390	23,255	19,755	29,150
% of total tickets	10.2	10.5	9.2	15.8
% convicted on same charge	87.7	89.1	89.2	90.6
TOTAL TICKETS FOR ALL V&T VIOLATIONS	219,130	220,870	215,085	184,590

Source: NYSDMV Administrative Adjudication ticket system.

BRONX COUNTY

Adjudication Status of Impaired Driving Cases & Conviction Rates

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

BRONX COUNTY

DWI/AI Probation Data

	1999	2000	2001	2002
Number of Persons Sentenced to Probation	NA	NA	147	182
Number of Persons on Probation*	NA	NA	1,074	1,036

* 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.

BRONX COUNTY

V&T Tickets Issued by Agency Type

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

BRONX 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.