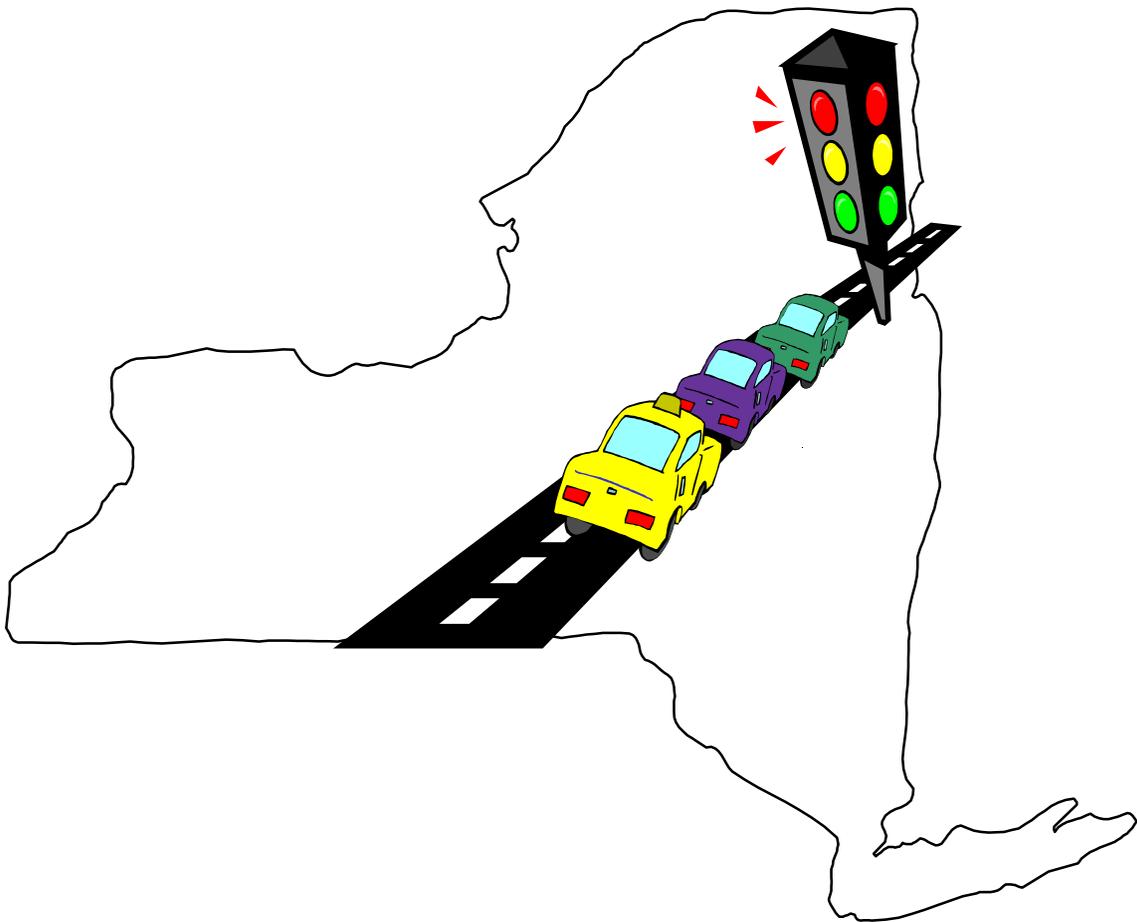


ORLEANS COUNTY

TRAFFIC SAFETY DATA



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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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ORLEANS COUNTY

CRASH DATA

	1999	%	2000	%	2001	%	2002	%
TOTAL CRASHES* (events)	766		848		644 *		442 *	
Fatal	7	0.9	2	0.2	9	1.4	7	1.6
Personal Injury	246	32.1	262	30.9	248	38.5	269	60.9
Property Damage*	513	67.0	584	68.9	387 *	60.1	166 *	37.6
SELECTED CRASH TYPES (events)								
Pedestrian crashes	7	0.9	11	1.3	16	2.5	12	2.7
Bicycle crashes	7	0.9	8	0.9	7	1.1	6	1.4
Motorcycle crashes	11	1.4	7	0.8	8	1.2	7	1.6
TOTAL FATALITIES (persons)	7		2		10		8	
Drivers	5	71.4	1	50.0	6	60.0	6	75.0
Passengers	1	14.3	0	0.0	3	30.0	2	25.0
Pedestrians	1	14.3	1	50.0	1	10.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL INJURIES** (persons)	347		362		355		360	
Drivers	220	63.4	252	69.6	220	62.0	240	66.7
Passengers	113	32.6	92	25.4	115	32.4	102	28.3
Pedestrians	6	1.7	10	2.8	14	3.9	11	3.1
Bicyclists	8	2.3	7	1.9	6	1.7	7	1.9

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 This policy was rescinded in mid 2001; the most direct impact of this change was a large decrease in the number of property damage only crashes; the effect is also reflected in the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

ORLEANS COUNTY
CRASH AND FATALITY & INJURY RATES

	1999	2000	2001	2002
CRASH RATES				
Crash Rate per 10,000 Population	170.14	191.98	146.85*	101.43*
Crash Rate per 10,000 Licensed Drivers	261.73	287.12	216.97*	149.92*
FATALITY & INJURY RATES				
Fatality & Injury Rate per 10,000 Population	82.85	85.12	85.51	90.64
Fatality & Injury Rate per 10,000 Licensed Drivers	127.45	127.31	126.34	133.98
MEAN SEVERITY OF INJURY (MSI)	1.471	1.416	1.566	1.515

* 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.

ORLEANS COUNTY

SELECTED CONTRIBUTING FACTORS IN CRASHES*

	1999	%	2000	%	2001	%	2002	%
Total Crashes	704		751		594		300	
Alcohol involvement	21	3.0	28	3.7	31	5.2	34	11.3
Unsafe speed	81	11.5	133	17.7	84	14.1	44	14.7
Driver inattention/distraction**	131	18.6	125	16.6	79	13.3	71	23.7
Failure to yield right-of-way	91	12.9	121	16.1	78	13.1	57	19.0
Following too closely	49	7.0	56	7.5	34	5.7	19	6.3
Improper passing/lane usage	36	5.1	31	4.1	30	5.1	23	7.7
Traffic control disregarded	21	3.0	30	4.0	12	2.0	11	3.7
Unsafe lane changing	19	2.7	18	2.4	24	4.0	6	2.0

* 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.

ORLEANS COUNTY

REPORTED SAFETY RESTRAINT USE IN CRASHES*

	1999		2000		2001		2002	
	All Occupants %	K&A Occupants %	All Occupants %	K&A Occupants %	All Occupants %	K&A Occupants %	All Occupants %	K&A Occupants %
	1,562	36	1,597	23	1,306	51	676	49
No restraint used	5.4	30.6	4.3	21.7	4.4	15.7	8.6	36.7
Restraint used	81.9	52.8	85.0	56.5	78.8	64.7	78.1	51.0
Restraint use unspecified	12.7	16.7	10.7	21.7	16.8	19.6	13.3	12.2

* Police-reported crashes only.

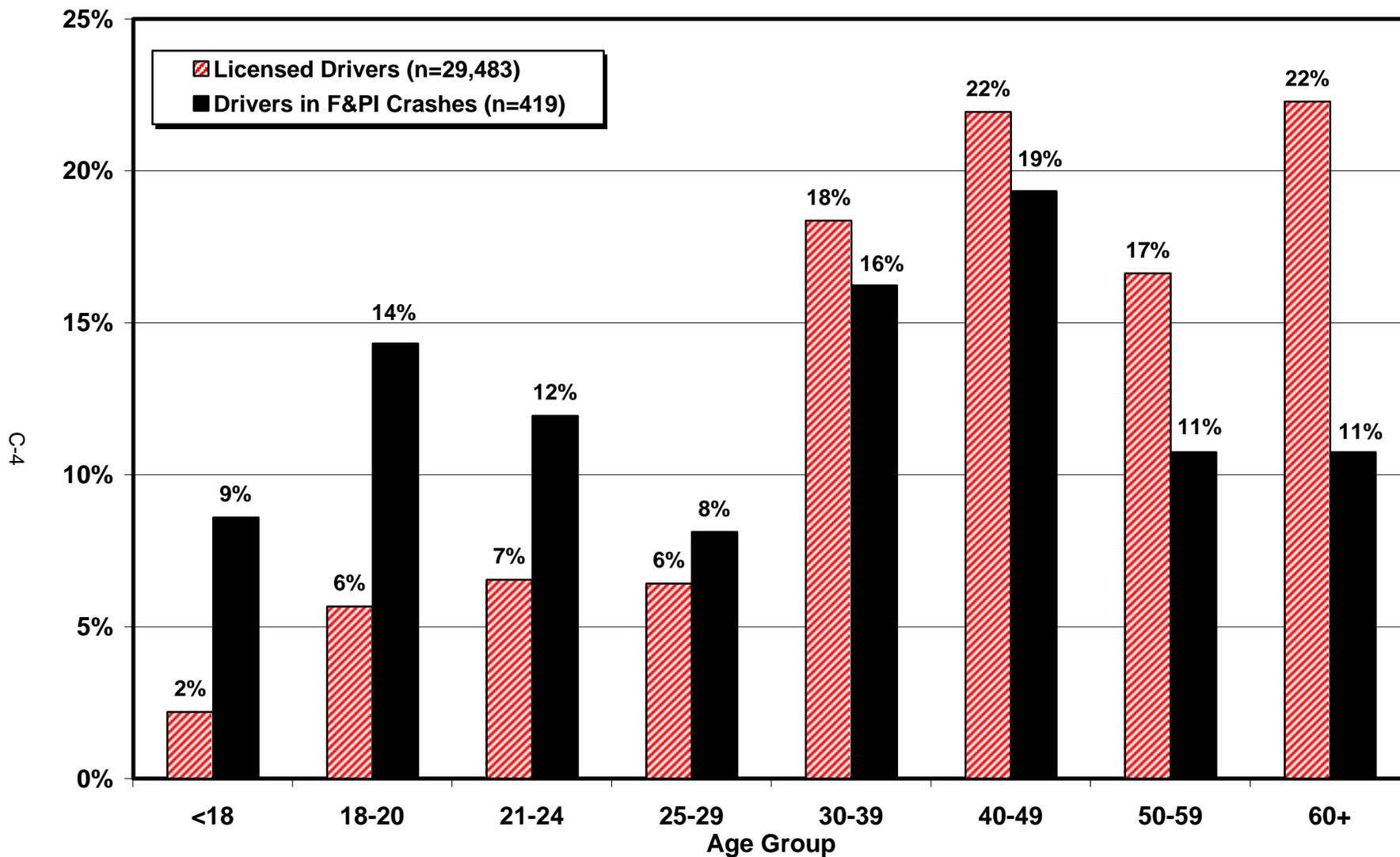
Note: "K and A" denote occupants killed or seriously injured in a crash.

Source: 1999-2000 NYSDMV county MV-144A, Table 29(P).

2001-2002 NYSDMV AIS Data Base.

Orleans 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.

Orleans County 2002

Pedestrians and Bicyclists Killed or Injured by Age Group

Age Group	Pedestrians	Bicyclists
0 - 4	1	0
5 - 9	1	1
10 - 14	3	0
15 - 19	1	1
20 - 24	0	1
25 - 34	2	0
35 - 44	1	1
45 - 54	0	3
55 - 64	0	0
65+	2	0
Total	11	7

Source: NYSDMV AIS Data Base.

ORLEANS COUNTY

ALCOHOL-RELATED CRASH DATA*

	1999	2000	2001	2002
TOTAL CRASHES (events)	704	751	594	300
Alcohol-related crashes	21	28	31	36
% of total crashes	3.0	3.7	5.2	12.0
FATAL CRASHES (events)	7	2	9	7
Alcohol-related fatal crashes	1	0	0	3
% of fatal crashes	14.3	0.0	0.0	42.9
PERSONAL INJURY CRASHES (events)	232	252	240	249
Alcohol-related injury crashes	12	16	23	31
% of injury crashes	5.2	6.3	9.6	12.4
TOTAL FATALITIES (persons)	7	2	10	8
Alcohol-related fatalities	1	0	0	3
% of total fatalities	14.3	0.0	0.0	37.5
TOTAL INJURIES (persons)	347	362	355	360
Alcohol-related injuries	21	21	29	39
% of total injuries	6.1	5.8	8.2	10.8

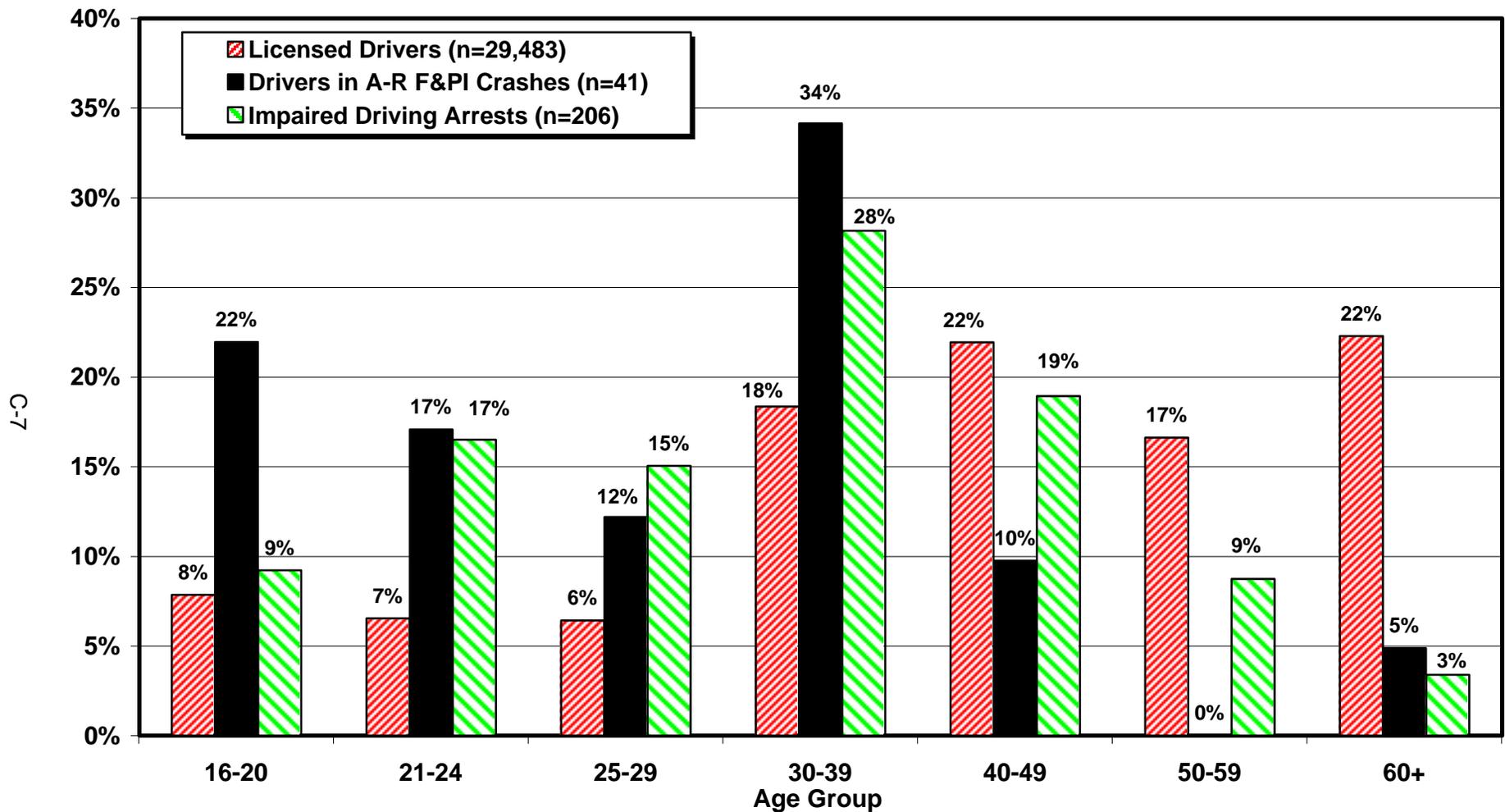
* Police-reported crashes only.

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.

Orleans 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.

ORLEANS COUNTY

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

VIOLATION	2000	2001	2002	2003
SPEED (V&T 1180)	1,711	1,490	1,905	1,939
% of total tickets	23.8	29.2	29.7	29.1
% convicted on same charge	50.6	47.9	40.0	36.2
SAFETY RESTRAINTS (V&T 1229c)	1,642	621	814	806
% of total tickets	22.9	12.2	12.7	12.1
% convicted on same charge	78.1	79.5	73.5	67.2
IMPAIRED DRIVING (V&T 1192)	374	235	316	272
% of total tickets	5.2	4.6	4.9	4.1
PERSONS ARRESTED*	251	156	208	183
% arrested as result of patrol activity**	88.4	76.9	84.1	85.8
% arrested as result of crash	10.8	22.4	13.5	13.7
% arrested as result of <i>other means</i> ***	0.8	0.6	2.4	0.5
TOTAL TICKETS FOR ALL V&T VIOLATIONS	7,185	5,096	6,408	6,656

* 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: NYS DMV TSLE&D ticket system.

ORLEANS COUNTY

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

	2000	2001	2002	2003
Persons Arrested	(N=251)	(N=156)	(N=208)	(N=183)
Case adjudicated	90.8%	69.9%	88.0%	76.5%
Case pending	9.2%	30.1%	12.0%	23.5%
Disposition of Adjudicated Cases*	(N=228)	(N=109)	(N=183)	(N=140)
Convicted on Alcohol Charge	87.7%	95.4%	93.4%	92.8%
Convicted on original alcohol charge	29.8%	35.8%	32.8%	30.7%
Convicted on reduced alcohol charge	49.6%	52.3%	47.5%	50.7%
Convicted on other alcohol charge	8.3%	7.3%	13.1%	11.4%
Convicted on Non-Alcohol Charge	1.8%	0.0%	1.1%	1.4%
Dismissed/Acquitted/Convicted on charge associated with different event	10.5%	4.6%	5.5%	5.8%
* 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.

ORLEANS COUNTY

DWI/AI Probation Data

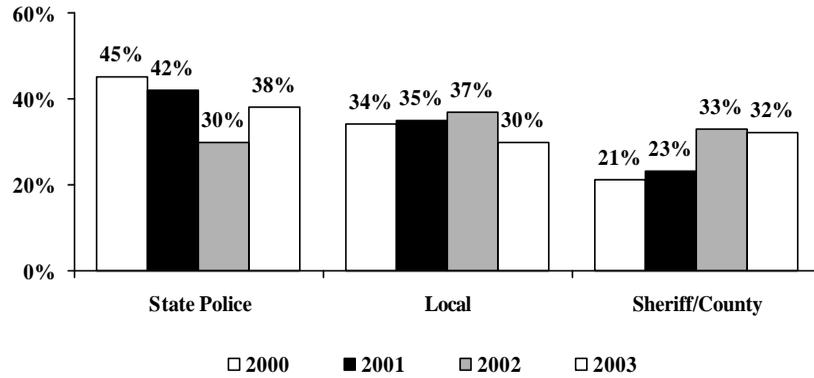
	2000	2001	2002	2003
Number of Persons Sentenced to Probation	50	52	36	39
Number of Persons on Probation*	128	128	101	93

* 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.

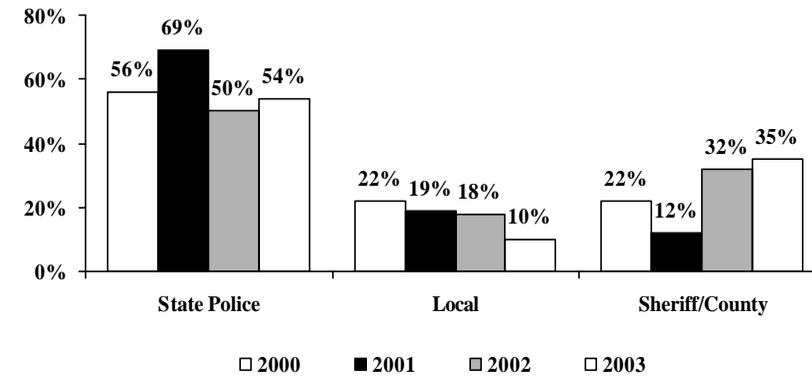
Source: NYS Division of Probation and Correctional Alternatives.

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

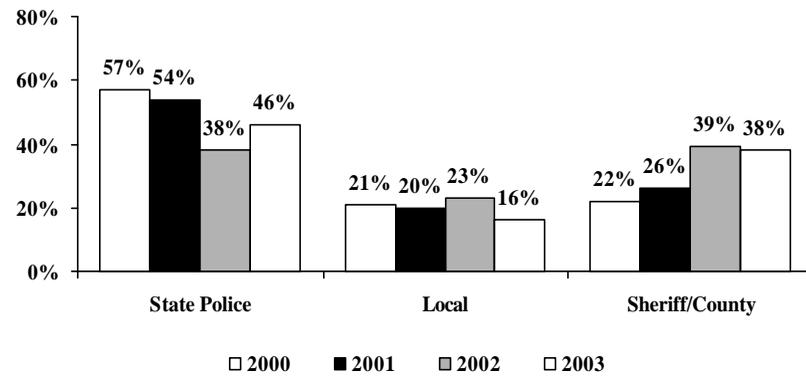
All Tickets



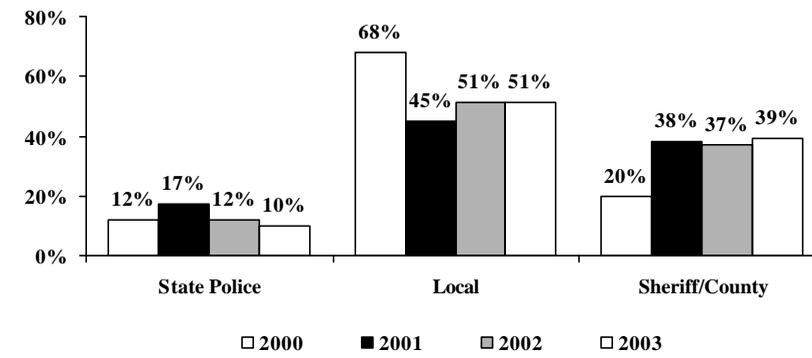
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



C-10

ORLEANS 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
Orleans Sheriff NCIC 03600	alcohol	74	22.6	19.9	70	34.5	30.2	103	36.1	32.6	89	36.2	32.7
	speed	404	54.6	23.4	388	58.5	26.1	744	65.7	39.1	739	71.8	38.1
	seatbelt	360	50.6	21.9	74	39.2	11.9	258	63.9	31.7	286	78.1	35.5
Village of Albion P.D. NCIC 03620	alcohol	39	11.9	10.5	58	28.6	25.0	55	19.3	17.4	61	24.8	22.4
	speed	59	8.0	3.4	49	7.4	3.3	45	4.0	2.4	77	7.5	4.0
	seatbelt	13	1.8	0.8	21	11.1	3.4	6	1.5	0.7	12	3.3	1.5
Holley Village P.D. NCIC 03621	alcohol	19	5.8	5.1	24	11.8	10.3	18	6.3	5.7	21	8.5	7.7
	speed	162	21.9	9.4	97	14.6	6.5	228	20.1	12.0	171	16.6	8.8
	seatbelt	118	16.6	7.2	58	30.7	9.4	97	24.0	11.9	34	9.3	4.2
Medina P.D. NCIC 03622	alcohol	196	59.8	52.7	51	25.1	22.0	109	38.2	34.5	75	30.5	27.6
	speed	115	15.5	6.7	129	19.5	8.7	116	10.2	6.1	42	4.1	2.2
	seatbelt	220	30.9	13.4	36	19.0	5.8	43	10.6	5.3	34	9.3	4.2
Totals by Agency Type													
Sheriff and Local	alcohol	328		88.2	203		87.5	285		90.2	246		90.4
	speed	740		42.9	663		44.5	1,133		59.5	1,029		53.1
	seatbelt	711		43.3	189		30.5	404		49.6	366		45.4
State Police	alcohol	42		11.3	29		12.5	28		8.9	26		9.6
	speed	966		56.1	811		54.5	729		38.3	896		46.2
	seatbelt	925		56.3	431		69.5	408		50.1	436		54.1
Other incl. Park Police	alcohol	2		0.5	0		0.0	3		0.9	0		0.0
	speed	17		1.0	15		1.0	43		2.3	14		0.7
	seatbelt	7		0.4	0		0.0	2		0.2	4		0.5
County Totals													
	alcohol	372			232			316			272		
	speed	1,723			1,489			1,905			1,939		
	seatbelt	1,643			620			814			806		

Source: NYS DMV