

NIAGARA 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 2010

COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2006-2008. Four summary reports provide detailed accident data for the three years 2006-2008. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. 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

RENEE BARCHITTA 518-473-6786 Rbarc@dmv.state.ny.us	RICH DEVLIN 518-486-4221 Rdevl@dmv.state.ny.us	JENNIFER HOGAN 518-473-7786 Jhoga1@dmv.state.ny.us	PAUL OVERBAUGH 518-486-5395 Poverbaugh@dmv.state.ny.us	CRAIG WHITTEN 518-486-6718 Cwhit@dmv.state.ny.us
Clinton	Cattaraugus	Albany	Cayuga	Allegany
Dutchess	Chautauqua	Columbia	Cortland	Broome
Essex	Erie	Fulton	Delaware	Chemung
Franklin	Genesee	Greene	Herkimer	Chenango
Hamilton	Niagara	Montgomery	Jefferson	Livingston
Orange	Orleans	Nassau	Lewis	Monroe
Putnam	Wyoming	New York City	Madison	Ontario
Rockland		Rensselaer	Oneida	Otsego
St. Lawrence		Saratoga	Onondaga	Schuyler
Sullivan		Schenectady	Oswego	Steuben
Ulster		Suffolk	Seneca	Tioga
Warren		Washington	Schoharie	Tompkins
Westchester			Wayne	Yates

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2006 - 2008	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report.....	3
Motorcycle Accident Summary Report.....	4
 Ticket Data: 2006 - 2008	
Tickets Issued and Conviction Rates for Selected Violations	5
DWI/AI Probation Data	5
Tickets Issued by TSLED Agencies by Agency Type	5
TSLED Tickets Issued for Selected Violations by Enforcement Agency.....	5

SECTION 1

General Accident Summary Report

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Niagara County**

TABLE 1 Accident Summary Totals

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	2,912	270,700	1.1	3,697	323,106	1.1	3,538	316,231	1.1
Fatal Accidents	22	1,330	1.7	16	1,220	1.3	18	1,160	1.6
Non-Fatal Personal Injury Accidents	1,366	138,311	1.0	1,387	139,117	1.0	1,269	134,894	0.9
Reportable Property Damage Accidents	1,524	131,059	1.2	2,294	182,769	1.3	2,251	180,177	1.2
Manner of Collision									
Single Vehicle Accidents	1,018	83,588	1.2	1,295	103,286	1.3	1,225	104,790	1.2
Multiple Vehicle Accidents	1,894	187,112	1.0	2,402	219,820	1.1	2,313	211,441	1.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	65	15,702	0.4	83	15,701	0.5	58	15,620	0.4
Bicycle/Motor Vehicle Accidents	66	5,565	1.2	56	5,535	1.0	59	5,646	1.0
Motorcycle Accidents	73	4,912	1.5	96	5,426	1.8	93	5,396	1.7
Fatalities									
Persons Killed (1)	24	1,433	1.7	18	1,317	1.4	18	1,224	1.5
Drivers Killed	16	801	2.0	14	762	1.8	11	669	1.6
Passengers Killed	5	269	1.9	2	231	0.9	2	211	0.9
Pedestrians Killed	3	315	1.0	2	272	0.7	4	302	1.3
Bicyclists Killed	0	45	0.0	0	50	0.0	1	42	2.4
Other	0	3	0.0	0	2	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	1,851	195,644	0.9	1,875	194,255	1.0	1,718	187,160	0.9
Drivers Injured	1,259	119,411	1.1	1,255	119,314	1.1	1,150	114,393	1.0
Passengers Injured	460	54,629	0.8	481	53,261	0.9	452	51,120	0.9
Pedestrians Injured	60	15,369	0.4	79	15,472	0.5	54	15,317	0.4
Bicyclists Injured	66	5,426	1.2	54	5,373	1.0	58	5,422	1.1
Other	6	809	0.7	6	835	0.7	4	908	0.4

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Niagara County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2006	2007	2008
Crash Rates			
Crash Rate per 10,000 Population	134.73	172.08	164.97
Crash Rate per 10,000 Licensed Drivers	182.91	228.60	219.86
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	86.75	88.11	80.95
Fatality & Injury Rate per 10,000 Licensed Drivers	117.77	117.05	107.88

TABLE 2 Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	3,538	316	906	1,408	802	106
Sunday	396	76	76	140	89	15
Monday	451	23	128	180	99	21
Tuesday	505	29	145	201	118	12
Wednesday	591	48	176	224	130	13
Thursday	453	28	113	196	104	12
Friday	619	47	166	249	139	18
Saturday	523	65	102	218	123	15

TABLE 3(P) Police Investigating Agency						
	2006		2007		2008	
	#	%	#	%	#	%
Total	2,366	100.0	3,205	100.0	3,172	100.0
State Police	233	9.8	381	11.9	356	11.2
County Police	747	31.6	984	30.7	1,024	32.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	1,386	58.6	1,840	57.4	1,792	56.5
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Niagara County**

TABLE 4 Jurisdictional Road System						
	2006		2007		2008	
	#	%	#	%	#	%
Total	2,912	100.0	3,697	100.0		
State Routes	1,269	43.6	1,584	42.8	Data are not available.	
County Routes	353	12.1	375	10.1		
Town Routes	282	9.7	310	8.4		
Municipal Routes	777	26.7	952	25.8		
Parkways	27	0.9	46	1.2		
Thruway	10	0.3	8	0.2		
Other Interstates	62	2.1	71	1.9		
Unknown	132	4.5	351	9.5		

TABLE 5 Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	4,717	100.0	5,888	100.0	5,596	100.0
Male	2,467	52.3	3,151	53.5	2,987	53.4
Female	2,025	42.9	2,442	41.5	2,351	42.0
Unknown	225	4.8	295	5.0	258	4.6
Age						
Under Age 16	3	0.1	4	0.1	2	<0.1
Ages 16-20	682	14.5	893	15.2	811	14.5
Ages 21-29	865	18.3	1,113	18.9	1,098	19.6
Ages 30-39	741	15.7	851	14.5	815	14.6
Ages 40-49	871	18.5	1,016	17.3	943	16.9
Ages 50-59	592	12.6	833	14.1	802	14.3
Ages 60-69	341	7.2	442	7.5	435	7.8
Ages 70 and Over	382	8.1	429	7.3	421	7.5
Unknown Age	240	5.1	307	5.2	269	4.8

**New York State Department of Motor Vehicles
Motor Vehicle Accidents
Niagara County**

	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	2,366		3,205		3,172	
Alcohol Involvement*	151	6.4	161	5.0	144	4.5
Backing Unsafely	72	3.0	141	4.4	147	4.6
Driver Inattention/Distraction	634	26.8	939	29.3	984	31.0
Driver Inexperience	72	3.0	103	3.2	108	3.4
Failure to Keep Right	57	2.4	68	2.1	54	1.7
Failure to Yield R.O.W.	444	18.8	555	17.3	570	18.0
Following Too Closely	291	12.3	318	9.9	337	10.6
Passing/Lane Violations	135	5.7	158	4.9	175	5.5
Traffic Control Disregarded	106	4.5	160	5.0	140	4.4
Turning Improperly	67	2.8	99	3.1	104	3.3
Unsafe Speed*	191	8.1	323	10.1	318	10.0

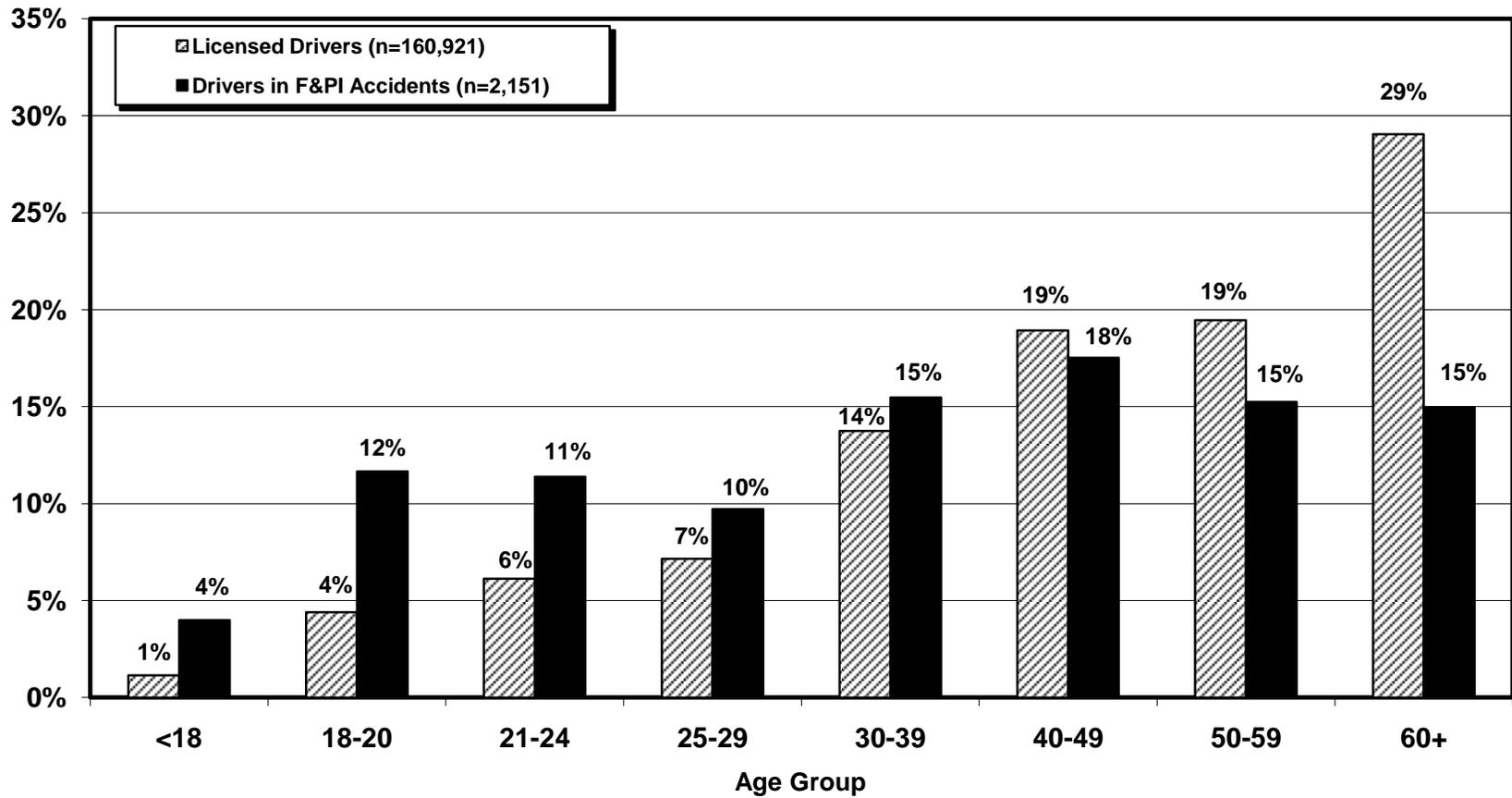
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For data on the total number of alcohol-related accidents in the county, see the separate report titled, "Summary of Alcohol-Related Accidents." For data on the total number of speed-related accidents in the county, see the separate report titled, "Summary of Speed-Related Accidents."

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	1,893	100.0	135	1,736	100.0	117
Under Age 4	14	0.7	0	12	0.7	0
Ages 4-6	17	0.9	1	15	0.9	4
Ages 7-15	116	6.1	35	93	5.4	24
Ages 16-17	102	5.4	12	90	5.2	14
Ages 18-20	189	10.0	13	194	11.2	12
Ages 21-29	370	19.5	15	337	19.4	9
Ages 30-39	249	13.2	11	238	13.7	15
Ages 40-49	309	16.3	20	260	15.0	10
Ages 50-59	246	13.0	9	236	13.6	17
Ages 60-69	121	6.4	6	106	6.1	3
Ages 70 and Over	127	6.7	10	132	7.6	7
Unknown Age	33	1.7	3	23	1.3	2

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	1,593	100.0	1,584	100.0	1,490	100.0
No Restraint Used	135	8.5	134	8.5	117	7.9
Restraint Used	1,321	82.9	1,368	86.4	1,301	87.3
Unknown	137	8.6	82	5.2	72	4.8
Motorcyclists	71	100.0	89	100.0	82	100.0
No Helmet Used	7	9.9	5	5.6	3	3.7
Helmet Used	54	76.1	76	85.4	71	86.6
Unknown	10	14.1	8	9.0	8	9.8
Bicyclists	66	100.0	53	100.0	59	100.0
No Helmet Used	38	57.6	29	54.7	30	50.8
Helmet Used	4	6.1	5	9.4	9	15.3
Unknown	24	36.4	19	35.8	20	33.9

FIGURE 1
Niagara County 2008
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Accidents
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury accidents. 46 drivers in fatal and personal injury accidents were excluded due to unknown age.

**New York State Department of Motor Vehicles
Motor Vehicle Accidents**

Niagara County

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction

Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2006			2007			2008			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
Towns															
Cambria	5,485	2.5	77.7	4.8	70.6	49	0.6	70	49	0.6	66	44	0.6	64	
Hartland	3,905	1.8	97.6	6.0	40.0	19	0.2	29	20	0.2	24	12	0.1	17	
Lewiston	13,710	6.3	130.1	8.0	105.4	110	0.8	146	113	0.9	147	84	0.6	127	
Lockport	20,133	9.2	136.9	8.4	147.1	133	1.0	174	136	1.0	202	133	1.0	175	
Newfane	9,589	4.4	108.8	6.7	88.1	55	0.5	78	62	0.6	98	63	0.6	89	
Niagara	8,737	4.0	47.6	2.9	183.6	82	1.7	125	86	1.8	109	83	1.7	104	
Pendleton	6,334	2.9	63.8	3.9	99.3	32	0.5	44	43	0.7	60	49	0.8	63	
Porter	4,939	2.3	72.8	4.5	67.8	19	0.3	24	26	0.4	39	10	0.1	12	
Royalton	6,004	2.8	144.0	8.8	41.7	49	0.3	76	36	0.3	46	43	0.3	53	
Somerset	2,266	1.0	64.2	3.9	35.3	10	0.2	11	7	0.1	11	5	0.1	6	
Wheatfield	15,591	7.1	97.0	6.0	160.7	124	1.3	170	127	1.3	175	127	1.3	182	
Wilson	4,642	2.1	82.2	5.1	56.5	18	0.2	23	28	0.3	33	31	0.4	36	
Villages															
Barker	563	0.3	3.3	0.2	170.6	4	1.2	5	3	0.9	3	1	0.3	1	
Lewiston	2,709	1.2	17.1	1.1	158.4	9	0.5	11	9	0.5	9	10	0.6	14	
Middleport	1,848	0.8	9.1	0.6	203.1	4	0.4	5	4	0.4	5	5	0.5	8	
Wilson	1,181	0.5	7.6	0.5	155.4	3	0.4	4	3	0.4	5	3	0.4	3	
Youngstown	1,914	0.9	9.8	0.6	195.3	4	0.4	4	1	0.1	1	3	0.3	2	
Cities															
Lockport	21,504	9.9	96.0	5.9	224.0	137	1.4	180	119	1.2	150	113	1.2	144	
Niagara Falls	53,708	24.6	241.9	14.9	222.0	376	1.6	497	378	1.6	516	340	1.4	458	
North Tonawanda	32,188	14.8	120.3	7.4	267.6	132	1.1	177	129	1.1	165	112	0.9	156	
Other															
Native American Reservation	1,110	na	na	na	na	10	na	12	11	na	13	15	na	21	
unknown	na	na	na	na	na	9	na	10	13	na	16	1	na	1	
Niagara County Total	218,060		1627.7		134.0	1,388	0.9	1,875	1,403	0.9	1,893	1,287	0.8	1,736	
New York State	19,227,088		113342.8		169.6	139,641	1.2	197,077	140,337	1.2	195,572	136,054	1.2	188,384	

Source: US Census Bureau redistricting data, NYSDOT Highway Mileage report, and the NYSDMV AIS data base.

SECTION 2

Alcohol-Related Accident Summary Report

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents**

Niagara County

TABLE 1(P) Alcohol-Related (A-R) Accidents

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	159	7,959	2.0	171	9,480	1.8	155	9,202	1.7
Fatal Accidents	2	359	0.6	6	344	1.7	4	355	1.1
Non-Fatal Personal Injury Accidents	110	5,111	2.2	88	4,991	1.8	79	4,775	1.7
Reportable Property Damage Accidents	47	2,489	1.9	77	4,145	1.9	72	4,072	1.8
Manner of Collision									
Single Vehicle Accidents	93	4,380	2.1	95	5,138	1.8	80	5,033	1.6
Multiple Vehicle Accidents	66	3,579	1.8	76	4,342	1.8	75	4,169	1.8
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	4	411	1.0	5	403	1.2	6	428	1.4
A-R Bicycle/Motor Vehicle Accidents	2	90	2.2	2	97	2.1	3	106	2.8
A-R Motorcycle Accidents	8	176	4.5	11	217	5.1	8	220	3.6
Fatalities									
Persons Killed (1)	3	397	0.8	6	373	1.6	4	381	1.0
Drivers Killed	2	235	0.9	5	239	2.1	1	212	0.5
<i>Drinking Drivers</i>	2	214	0.9	5	215	2.3	1	192	0.5
<i>Non-Drinking Drivers</i>	0	21	0.0	0	24	0.0	0	20	0.0
Passengers Killed	1	85	1.2	1	65	1.5	1	77	1.3
Pedestrians Killed	0	69	0.0	0	62	0.0	1	82	1.2
Bicyclists Killed	0	8	0.0	0	7	0.0	1	10	10.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	139	7,293	1.9	127	7,175	1.8	107	6,886	1.6
Drivers Injured	99	4,753	2.1	82	4,593	1.8	75	4,396	1.7
Passengers Injured	36	2,059	1.7	34	2,072	1.6	24	1,979	1.2
Pedestrians Injured	3	361	0.8	8	362	2.2	6	360	1.7
Bicyclists Injured	1	79	1.3	2	90	2.2	2	94	2.1
Other	0	41	0.0	1	58	1.7	0	57	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents
Niagara County**

TABLE 2(P) Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	155	64	8	23	60	0
Sunday	31	21	1	4	5	0
Monday	9	1	2	2	4	0
Tuesday	20	6	0	3	11	0
Wednesday	17	5	2	3	7	0
Thursday	22	7	0	4	11	0
Friday	19	8	0	4	7	0
Saturday	37	16	3	3	15	0

TABLE 3(P) Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	217	100.0	231	100.0	210	100.0
Male	135	62.2	158	68.4	148	70.5
<i>Drinking Drivers</i>	104	47.9	122	52.8	113	53.8
<i>Non-Drinking Drivers</i>	31	14.3	36	15.6	35	16.7
Female	74	34.1	69	29.9	59	28.1
<i>Drinking Drivers</i>	50	23.0	44	19.0	37	17.6
<i>Non-Drinking Drivers</i>	24	11.1	25	10.8	22	10.5
Unknown	8	3.7	4	1.7	3	1.4
<i>Drinking Drivers</i>	1	0.5	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	7	3.2	4	1.7	3	1.4
Drinking Drivers	155	100.0	166	100.0	150	100.0
Under Age 16	1	0.6	0	0.0	0	0.0
Ages 16-20	16	10.3	17	10.2	14	9.3
Ages 21-29	50	32.3	49	29.5	51	34.0
Ages 30-39	28	18.1	39	23.5	36	24.0
Ages 40-49	39	25.2	35	21.1	37	24.7
Ages 50-59	13	8.4	20	12.0	8	5.3
Age 60 and Over	7	4.5	6	3.6	4	2.7
Unknown Age	1	0.6	0	0.0	0	0.0
Non-Drinking Drivers	62	100.0	65	100.0	60	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	8.1	7	10.8	1	1.7
Ages 21-29	7	11.3	13	20.0	19	31.7
Ages 30-39	14	22.6	7	10.8	14	23.3
Ages 40-49	13	21.0	13	20.0	4	6.7
Ages 50-59	9	14.5	11	16.9	11	18.3
Age 60 and Over	7	11.3	9	13.8	8	13.3
Unknown Age	7	11.3	5	7.7	3	5.0

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents
Niagara County**

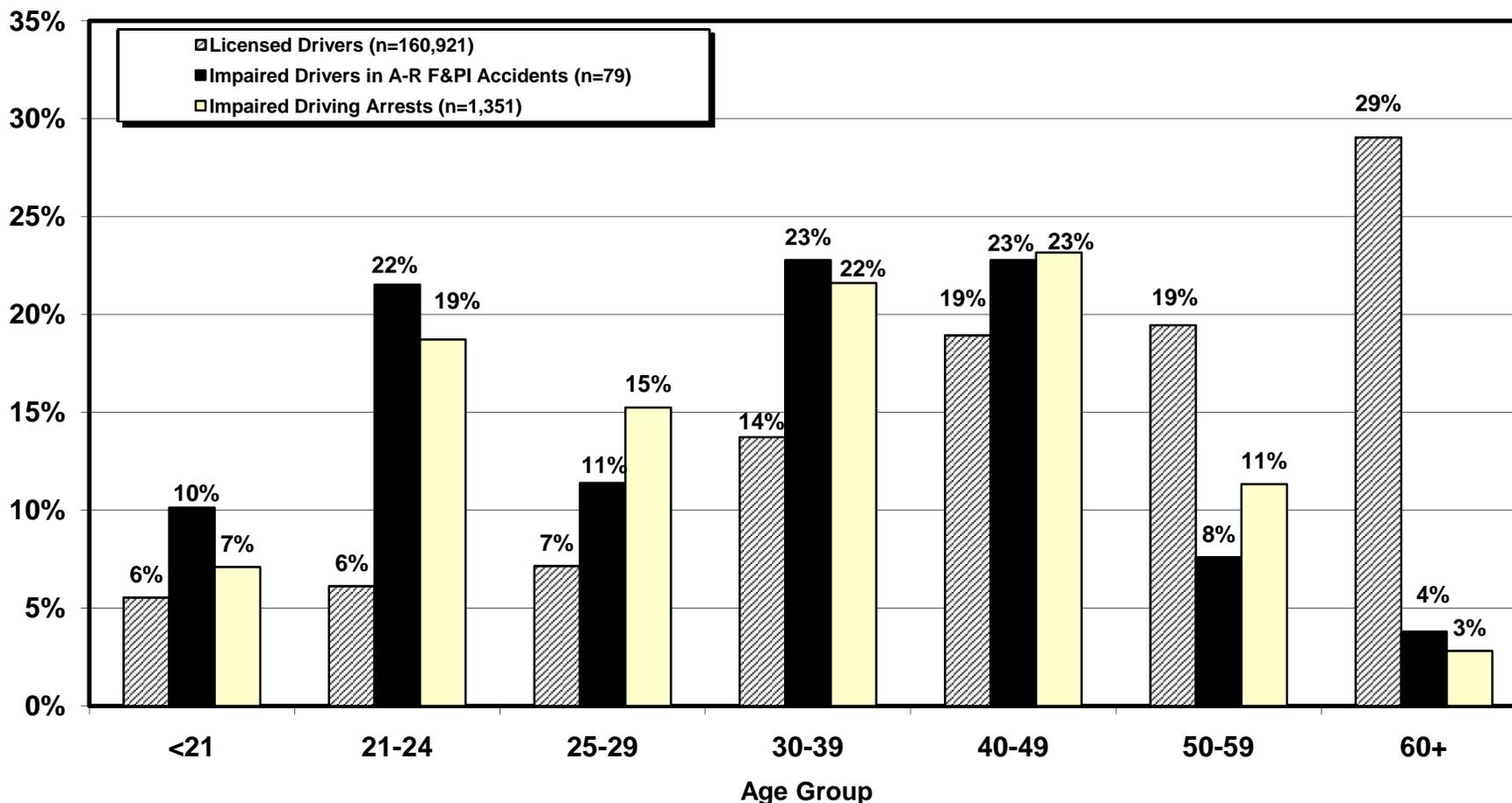
	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	159		171		155	
Driver Inattention/Distraction	14	8.8	23	13.5	24	15.5
Failure to Keep Right	9	5.7	10	5.8	10	6.5
Failure to Yield R.O.W.	11	6.9	10	5.8	11	7.1
Fell Asleep	7	4.4	3	1.8	3	1.9
Following Too Closely	11	6.9	6	3.5	7	4.5
Passing/Lane Violations	10	6.3	16	9.4	14	9.0
Traffic Control Disregarded	5	3.1	8	4.7	4	2.6
Unsafe Speed	31	19.5	37	21.6	30	19.4

Note: Many accidents have multiple factors reported.

Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	133	100.0	10	111	100.0	10
Under Age 4	1	0.8	0	0	0.0	0
Ages 4-6	0	0.0	0	1	0.9	0
Ages 7-15	2	1.5	0	2	1.8	0
Ages 16-17	3	2.3	2	3	2.7	1
Ages 18-20	16	12.0	2	9	8.1	1
Ages 21-29	42	31.6	2	38	34.2	0
Ages 30-39	24	18.0	1	29	26.1	4
Ages 40-49	25	18.8	3	13	11.7	0
Ages 50-59	12	9.0	0	10	9.0	3
Ages 60-69	3	2.3	0	2	1.8	0
Ages 70 and Over	2	1.5	0	2	1.8	0
Unknown Age	3	2.3	0	2	1.8	1

	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	131	100.0	110	100.0	94	100.0
No Restraint Used	25	19.1	19	17.3	19	20.2
Restraint Used	91	69.5	80	72.7	60	63.8
Unknown	15	11.5	11	10.0	15	16.0
Motorcyclists	7	100.0	12	100.0	7	100.0
No Helmet Used	1	14.3	1	8.3	0	0.0
Helmet Used	5	71.4	10	83.3	7	100.0
Unknown	1	14.3	1	8.3	0	0.0
Bicyclists	1	100.0	2	100.0	3	100.0
No Helmet Used	1	100.0	2	100.0	2	66.7
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	1	33.3

FIGURE 1
Niagara County 2008
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Accidents, and Drivers Arrested for Impaired Driving by Age Group



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury accidents. 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.

SECTION 3

Speed-Related Accident Summary Report

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents**

Niagara County

TABLE 1(P) Speed-Related (S-R) Accidents

Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	202	20,927	1.0	339	31,729	1.1	337	32,234	1.0
Fatal Accidents	3	391	0.8	4	369	1.1	5	379	1.3
Non-Fatal Personal Injury Accidents	135	13,048	1.0	143	14,405	1.0	134	14,207	0.9
Reportable Property Damage Accidents	64	7,488	0.9	192	16,955	1.1	198	17,648	1.1
Manner of Collision									
Single Vehicle Accidents	136	12,070	1.1	202	19,143	1.1	212	20,115	1.1
Multiple Vehicle Accidents	66	8,857	0.7	137	12,586	1.1	125	12,119	1.0
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	1	347	0.3	4	382	1.0	5	369	1.4
S-R Bicycle/Motor Vehicle Accidents	1	88	1.1	1	91	1.1	1	93	1.1
S-R Motorcycle Accidents	10	797	1.3	15	857	1.8	14	854	1.6
Fatalities									
Persons Killed (1)	3	439	0.7	4	406	1.0	5	412	1.2
Drivers Killed	3	305	1.0	4	277	1.4	2	293	0.7
<i>Speeding Drivers</i>	3	281	1.1	4	249	1.6	2	271	0.7
<i>Non-Speeding Drivers</i>	0	24	0.0	0	28	0.0	0	22	0.0
Passengers Killed	0	112	0.0	0	104	0.0	1	90	1.1
Pedestrians Killed	0	20	0.0	0	24	0.0	2	29	6.9
Bicyclists Killed	0	2	0.0	0	1	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	180	19,474	0.9	202	21,137	1.0	185	20,595	0.9
Drivers Injured	130	12,816	1.0	146	14,151	1.0	122	13,818	0.9
Passengers Injured	47	6,135	0.8	51	6,427	0.8	58	6,235	0.9
Pedestrians Injured	1	353	0.3	4	383	1.0	4	364	1.1
Bicyclists Injured	1	83	1.2	1	90	1.1	1	90	1.1
Other	1	87	1.1	0	86	0.0	0	88	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.

Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents
Niagara County**

TABLE 2(P) Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	337	66	96	96	78	1
Sunday	53	15	11	17	10	0
Monday	27	3	6	9	9	0
Tuesday	51	9	13	15	14	0
Wednesday	53	8	18	15	12	0
Thursday	29	5	6	8	10	0
Friday	78	9	35	21	12	1
Saturday	46	17	7	11	11	0

TABLE 3(P) Driver Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total Drivers	268	100.0	486	100.0	441	100.0
Male	157	58.6	311	64.0	278	63.0
<i>Speeding Drivers</i>	119	44.4	222	45.7	212	48.1
<i>Non-Speeding Drivers</i>	38	14.2	89	18.3	66	15.0
Female	103	38.4	166	34.2	149	33.8
<i>Speeding Drivers</i>	73	27.2	111	22.8	113	25.6
<i>Non-Speeding Drivers</i>	30	11.2	55	11.3	36	8.2
Unknown	8	3.0	9	1.9	14	3.2
<i>Speeding Drivers</i>	2	0.7	3	0.6	9	2.0
<i>Non-Speeding Drivers</i>	6	2.2	6	1.2	5	1.1
Speeding Drivers	194	100.0	336	100.0	334	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	55	28.4	106	31.5	84	25.1
Ages 21-29	64	33.0	91	27.1	95	28.4
Ages 30-39	25	12.9	56	16.7	56	16.8
Ages 40-49	29	14.9	36	10.7	43	12.9
Ages 50-59	13	6.7	30	8.9	24	7.2
Age 60 and Over	6	3.1	14	4.2	23	6.9
Unknown Age	2	1.0	3	0.9	9	2.7
Non-Speeding Drivers	74	100.0	150	100.0	107	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	4.1	6	4.0	7	6.5
Ages 21-29	10	13.5	22	14.7	21	19.6
Ages 30-39	7	9.5	25	16.7	21	19.6
Ages 40-49	21	28.4	29	19.3	15	14.0
Ages 50-59	12	16.2	44	29.3	18	16.8
Age 60 and Over	15	20.3	18	12.0	20	18.7
Unknown Age	6	8.1	6	4.0	5	4.7

**New York State Department of Motor Vehicles
Speed-Related Motor Vehicle Accidents
Niagara County**

TABLE 4(P) Select Accident Contributing Factors						
	2006		2007		2008	
	#	%	#	%	#	%
Total Accidents	202		339		337	
Alcohol Involvement	34	16.8	39	11.5	40	11.9
Driver Inattention/Distracted	21	10.4	30	8.8	33	9.8
Driver Inexperience	11	5.4	17	5.0	8	2.4
Failure to Keep Right	7	3.5	13	3.8	12	3.6
Failure to Yield R.O.W.	9	4.5	10	2.9	4	1.2
Following Too Closely	12	5.9	19	5.6	26	7.7
Passing/Lane Violations	6	3.0	6	1.8	13	3.9
Traffic Control Disregarded	4	2.0	7	2.1	5	1.5

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2007-2008						
Age Group	2007			2008		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	206	100.0	5	190	100.0	7
Under Age 4	1	0.5	0	0	0.0	0
Ages 4-6	4	1.9	0	1	0.5	0
Ages 7-15	8	3.9	2	12	6.3	1
Ages 16-17	18	8.7	0	15	7.9	0
Ages 18-20	27	13.1	0	24	12.6	1
Ages 21-29	46	22.3	1	48	25.3	0
Ages 30-39	30	14.6	0	35	18.4	3
Ages 40-49	34	16.5	1	19	10.0	0
Ages 50-59	22	10.7	0	20	10.5	1
Ages 60-69	6	2.9	1	6	3.2	0
Ages 70 and Over	8	3.9	0	8	4.2	1
Unknown Age	2	1.0	0	2	1.1	0

TABLE 6(P) Reported Safety Equipment Use						
	2006		2007		2008	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	170	100.0	188	100.0	169	100.0
No Restraint Used	35	20.6	23	12.2	23	13.6
Restraint Used	126	74.1	159	84.6	133	78.7
Unknown	9	5.3	6	3.2	13	7.7
Motorcyclists	10	100.0	13	100.0	14	100.0
No Helmet Used	1	10.0	0	0.0	0	0.0
Helmet Used	9	90.0	13	100.0	14	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	1	100.0	1	100.0
No Helmet Used	1	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	1	100.0	0	0.0
Unknown	0	0.0	0	0.0	1	100.0

SECTION 4

Motorcycle Accident Summary Report

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Niagara County

TABLE 1 Accident Summary Totals									
Category Totals	2006			2007			2008		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	73	4,912	1.5	96	5,426	1.8	93	5,396	1.7
Fatal Accidents	3	190	1.6	3	164	1.8	4	184	2.2
Non-Fatal Personal Injury Accidents	64	4,272	1.5	87	4,727	1.8	72	4,593	1.6
Reportable Property Damage Accidents	6	450	1.3	6	535	1.1	17	619	2.7
Manner of Collision									
Single Motorcycle Accidents	37	2,154	1.7	48	2,318	2.1	40	2,392	1.7
Multiple Vehicle Accidents	36	2,758	1.3	48	3,108	1.5	53	3,004	1.8
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	1	77	1.3	0	74	0.0	0	84	0.0
Motorcycle/Bicycle Accidents	2	29	6.9	0	19	0.0	1	29	3.4
Fatalities									
Persons Killed (1)	3	195	1.5	3	172	1.7	4	188	2.1
Drivers Killed	3	181	1.7	3	162	1.9	3	175	1.7
<i>Motorcycle Operators</i>	3	180	1.7	3	162	1.9	3	175	1.7
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	12	0.0	0	9	0.0	1	8	12.5
<i>Motorcycle Passengers</i>	0	12	0.0	0	9	0.0	1	7	14.3
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	2	0.0	0	1	0.0	0	4	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	73	4,951	1.5	93	5,503	1.7	85	5,290	1.6
Drivers Injured	61	4,338	1.4	83	4,830	1.7	74	4,674	1.6
Passengers Injured	11	513	2.1	10	579	1.7	10	493	2.0
Pedestrians Injured	1	71	1.4	0	71	0.0	0	81	0.0
Bicyclists Injured	0	26	0.0	0	15	0.0	1	28	3.6
Other	0	3	0.0	0	8	0.0	0	14	0.0

(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.
 Note: It is important to note that data for 2008 are comparable to data for 2007, but not to earlier years due to changes in data collection and reporting that began during 2006.

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Niagara County

TABLE 2 Day of Week/Time of Day: 2008						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	93	11	10	38	31	3
Sunday	18	6	1	6	4	1
Monday	14	0	1	8	4	1
Tuesday	12	0	1	7	4	0
Wednesday	10	1	4	3	1	1
Thursday	10	1	1	3	5	0
Friday	14	1	2	5	6	0
Saturday	15	2	0	6	7	0

TABLE 3 Motorcycle Operator Gender and Age						
	2006		2007		2008	
	#	%	#	%	#	%
Total MC Operators	73	100.0	95	100.0	89	100.0
Male	66	90.4	88	92.6	81	91.0
Female	7	9.6	7	7.4	7	7.9
Unknown	0	0.0	0	0.0	1	1.1
Under Age 16	0	0.0	1	1.1	0	0.0
Ages 16-20	7	9.6	4	4.2	5	5.6
Ages 21-29	16	21.9	22	23.2	24	27.0
Ages 30-39	14	19.2	14	14.7	19	21.3
Ages 40-49	23	31.5	34	35.8	22	24.7
Ages 50-59	7	9.6	15	15.8	15	16.9
Ages 60 and Over	6	8.2	5	5.3	3	3.4
Unknown Age	0	0.0	0	0.0	1	1.1

TABLE 4(P) Select Accident Contributing Factors						
	2006		2007		2008	
	#	%	#	%	#	%
Total MC Accidents	71		89		86	
Alcohol Involvement	8	11.3	9	10.1	8	9.3
Driver Inattention/Distracted	13	18.3	15	16.9	22	25.6
Driver Inexperience	9	12.7	9	10.1	10	11.6
Failure to Keep Right	2	2.8	1	1.1	5	5.8
Failure to Yield R.O.W.	17	23.9	25	28.1	18	20.9
Following Too Closely	6	8.5	6	6.7	10	11.6
Passing/Lane Violations	2	2.8	2	2.2	5	5.8
Traffic Control Disregarded	3	4.2	2	2.2	0	0.0
Turning Improperly	4	5.6	2	2.2	4	4.7
Unsafe Speed	9	12.7	15	16.9	13	15.1

Note: Many accidents have multiple factors reported. Caution is advised due to the small numbers.

**New York State Department of Motor Vehicles
Motorcycle Accidents**

Niagara County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2006		2007		2008	
	#	%	#	%	#	%
Age Group	72	100.0	92	100.0	84	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	1	1.4	1	1.1	1	1.2
Ages 16-17	1	1.4	0	0.0	0	0.0
Ages 18-20	6	8.3	4	4.3	5	6.0
Ages 21-29	14	19.4	20	21.7	26	31.0
Ages 30-39	15	20.8	15	16.3	17	20.2
Ages 40-49	23	31.9	32	34.8	19	22.6
Ages 50-59	6	8.3	16	17.4	13	15.5
Ages 60-69	5	6.9	3	3.3	3	3.6
Ages 70 and Over	1	1.4	1	1.1	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2006		2007		2008	
	#	%	#	%	#	%
Motorcyclists	71	100.0	89	100.0	82	100.0
No Helmet Used	7	9.9	5	5.6	3	3.7
Helmet Used	54	76.1	76	85.4	71	86.6
Unknown	10	14.1	8	9.0	8	9.8

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2004	5,618	2.2	13,220	2.3
2005	6,139	2.3	13,624	2.3
2006	6,550	2.3	13,781	2.3
2007	6,997	2.3	14,185	2.3
2008	7,543	2.3	14,581	2.3

SECTION 5

Ticket Data

NIAGARA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2006	2007	2008
TOTAL TICKETS ISSUED	49,063	50,327	45,228
SPEED (V&T 1180)	11,875	10,256	9,975
% of total tickets	24.2%	20.4%	22.1%
% convicted on same charge (of adjudicated cases)	15.1%	16.4%	14.2%
SAFETY RESTRAINTS (V&T 1229c)	4,039	4,297	4,282
% of total tickets	8.2%	8.5%	9.5%
% convicted on same charge (of adjudicated cases)	57.0%	55.0%	51.2%
IMPAIRED DRIVING (V&T 1192)	2,079	2,103	2,249
% of total tickets	4.2%	4.2%	5.0%
Persons Arrested for Impaired Driving	(N=1,307)	(N=1,294)	(N=1,351)
Case adjudicated	93.4%	93.8%	95.0%
Case pending	6.6%	6.2%	5.0%
Adjudicated Cases*	(N=1,221)	(N=1,214)	(N=1,283)
Convicted on original 1192 charge	37.5%	38.1%	30.9%
Convicted on other 1192 charge	50.6%	47.4%	55.3%
Convicted on non-1192 charge	3.4%	4.4%	4.9%
Dismissed/Acquitted/Convicted on charge associated with different event	8.5%	10.1%	8.8%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYS DMV TSLED ticket system.

NIAGARA COUNTY

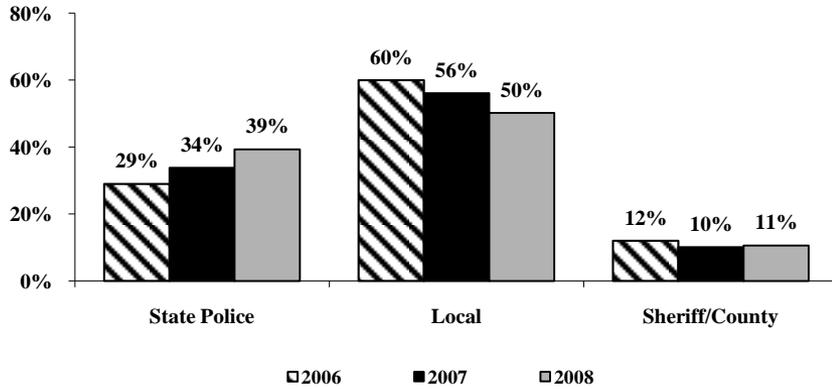
Probation Data for V&T 1192 and 511 Convictions

	2006	2007	2008
Number of Persons Sentenced to Probation	134	171	159
Number of Persons on Probation	501	487	496

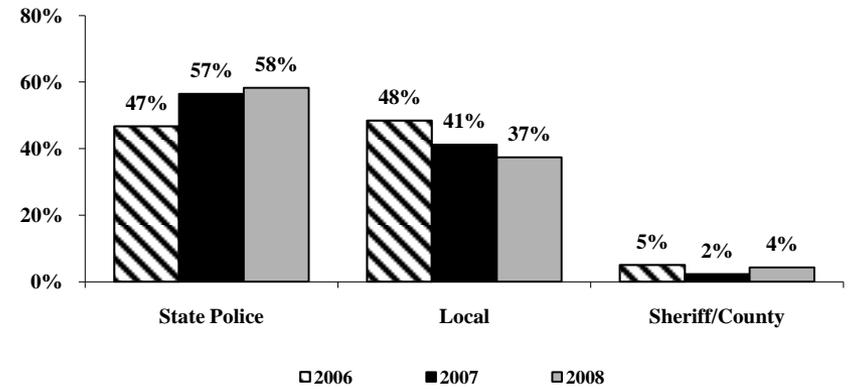
Source: NYS Division of Probation and Correctional Alternatives.

Niagara County Tickets Issued by TSLED Agencies By Agency Type

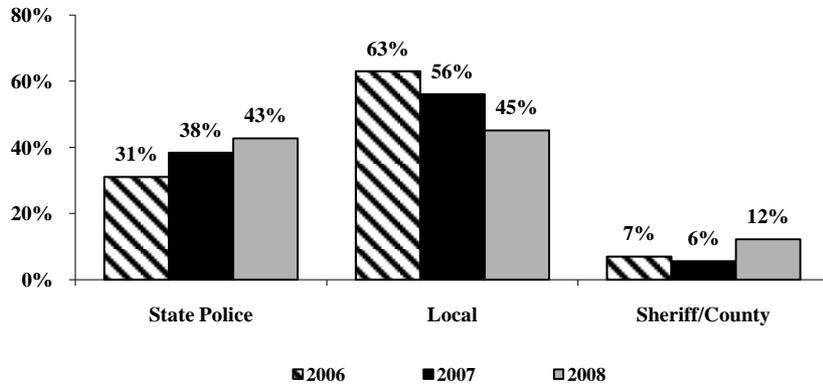
All Tickets



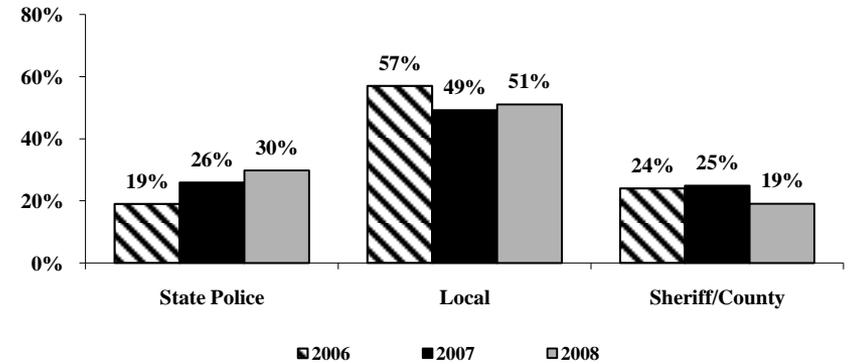
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



NIAGARA COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2006			2007			2008		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Niagara Sheriff	alcohol	515	32.1	24.8	498	33.9	23.7	415	28.3	18.5
NCIC 03100	speed	817	9.9	6.9	575	9.1	5.6	1,215	21.3	12.2
	seatbelt	200	9.3	5.0	98	5.2	2.3	183	10.2	4.3
Lockport P.D.	alcohol	126	7.8	6.1	166	11.3	7.9	205	14.0	9.1
NCIC 03101	speed	2,451	29.7	20.6	1,304	20.6	12.7	537	9.4	5.4
	seatbelt	387	18.0	9.6	208	11.1	4.8	130	7.3	3.0
Niagara Falls City P.D.	alcohol	380	23.7	18.3	251	17.1	11.9	316	21.5	14.1
NCIC 03102	speed	1,778	21.6	15.0	1,042	16.5	10.2	664	11.6	6.7
	seatbelt	753	35.0	18.6	614	32.8	14.3	410	23.0	9.6
North Tonawanda P.D.	alcohol	287	17.9	13.8	293	19.9	13.9	266	18.1	11.8
NCIC 03103	speed	1,490	18.1	12.5	1,335	21.1	13.0	1,142	20.0	11.4
	seatbelt	283	13.1	7.0	354	18.9	8.2	329	18.4	7.7
Middleport P.D.	alcohol	38	2.4	1.8	55	3.7	2.6	46	3.1	2.0
NCIC 03120	speed	226	2.7	1.9	362	5.7	3.5	725	12.7	7.3
	seatbelt	43	2.0	1.1	63	3.4	1.5	57	3.2	1.3
Village of Lewiston P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
NCIC 03121	speed	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Village of Youngstown P.D.	alcohol	7	0.4	0.3	3	0.2	0.1	2	0.1	0.1
NCIC 03123	speed	49	0.6	0.4	68	1.1	0.7	39	0.7	0.4
	seatbelt	39	1.8	1.0	30	1.6	0.7	34	1.9	0.8
Town of Lewiston P.D.	alcohol	94	5.9	4.5	61	4.2	2.9	53	3.6	2.4
NCIC 03154	speed	401	4.9	3.4	626	9.9	6.1	444	7.8	4.5
	seatbelt	72	3.3	1.8	20	1.1	0.5	109	6.1	2.5
Town of Niagara P.D.	alcohol	92	5.7	4.4	86	5.9	4.1	83	5.7	3.7
NCIC 03155	speed	582	7.1	4.9	524	8.3	5.1	492	8.6	4.9
	seatbelt	236	11.0	5.8	345	18.4	8.0	359	20.1	8.4
NYS Park Police/ Niagara Reg.	alcohol	66	4.1	3.2	48	3.3	2.3	76	5.2	3.4
NCIC 03190	speed	415	5.0	3.5	441	7.0	4.3	430	7.5	4.3
	seatbelt	126	5.9	3.1	137	7.3	3.2	175	9.8	4.1
Village of Barker P.D.	alcohol	1	0.1	<0.1	8	0.5	0.4	7	0.5	0.3
NCIC 03125	speed	36	0.4	0.3	40	0.6	0.4	23	0.4	0.2
	seatbelt	14	0.7	0.3	1	0.1	<0.1	0	0.0	0.0
Totals by Agency Type										
Sheriff and Local	alcohol	1,606		77.2	1,469		69.9	1,469		65.3
	speed	8,245		69.4	6,317		61.6	5,711		57.3
	seatbelt	2,153		53.3	1,870		43.5	1,786		41.7
State Police	alcohol	473		22.8	634		30.1	779		34.6
	speed	3,627		30.5	3,937		38.4	4,263		42.7
	seatbelt	1,886		46.7	2,427		56.5	2,496		58.3
Other	alcohol	0		0.0	0		0.0	1		<0.1
incl. Park Police	speed	3		<0.1	2		<0.1	1		<0.1
	seatbelt	0		0.0	0		0.0	0		0.0
County Totals										
	alcohol	2,079			2,103			2,249		
	speed	11,875			10,256			9,975		
	seatbelt	4,039			4,297			4,282		

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607

Albany NY 12205-2604

Phone: 518-453-0291 FAX: 518-453-0298 E-mail: institute@itsmr.org

www.itsmr.org