

NIAGARA 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 2010-2012. Four summary reports provide detailed crash data for the three years 2010-2012. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. 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 about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

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SECTION 1

General Crash Summary Report

New York State Department of Motor Vehicles
Motor Vehicle Crashes
Niagara County

TABLE 1 Crash Summary Totals

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	3,928	315,377	1.2	3,624	307,550	1.2	3,476	294,757	1.2
Fatal Crashes	17	1,119	1.5	16	1,077	1.5	12	1,082	1.1
Non-Fatal Personal Injury Crashes	1,423	134,151	1.1	1,255	128,036	1.0	1,179	123,296	1.0
Reportable Property Damage Crashes	2,488	180,107	1.4	2,353	178,437	1.3	2,285	170,379	1.3
Manner of Collision									
Single Vehicle Crashes	1,276	101,471	1.3	1,140	98,836	1.2	1,173	97,456	1.2
Multiple Vehicle Crashes	2,652	213,906	1.2	2,484	208,714	1.2	2,303	197,301	1.2
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	92	16,357	0.6	78	15,928	0.5	85	15,832	0.5
Bicycle/Motor Vehicle Crashes	55	6,276	0.9	51	6,076	0.8	62	6,137	1.0
Motorcycle Crashes	90	5,570	1.6	84	5,336	1.6	91	5,916	1.5
Fatalities									
Persons Killed (1)	18	1,192	1.5	16	1,153	1.4	14	1,163	1.2
Drivers Killed	11	646	1.7	10	597	1.7	6	612	1.0
Passengers Killed	3	198	1.5	3	203	1.5	4	194	2.1
Pedestrians Killed	4	311	1.3	1	296	0.3	3	312	1.0
Bicyclists Killed	0	36	0.0	2	57	3.5	1	45	2.2
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	1,923	187,566	1.0	1,731	177,445	1.0	1,632	169,206	1.0
Drivers Injured	1,311	112,104	1.2	1,138	106,335	1.1	1,044	101,605	1.0
Passengers Injured	460	52,421	0.9	457	48,677	0.9	439	45,532	1.0
Pedestrians Injured	90	16,090	0.6	81	15,689	0.5	85	15,607	0.5
Bicyclists Injured	54	6,058	0.9	51	5,883	0.9	60	5,929	1.0
Other	8	893	0.9	4	861	0.5	4	533	0.8

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash 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 Crashes
Niagara County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	181.46	167.77	161.58
Crash Rate per 10,000 Licensed Drivers	247.16	231.19	222.74
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	89.67	80.88	76.51
Fatality & Injury Rate per 10,000 Licensed Drivers	122.13	111.45	105.47

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	3,476	302	779	1,467	831	97
Sunday	362	66	58	134	99	5
Monday	486	30	113	210	115	18
Tuesday	479	24	130	213	98	14
Wednesday	475	33	107	207	114	14
Thursday	532	49	112	237	124	10
Friday	636	35	134	288	160	19
Saturday	506	65	125	178	121	17

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	3,467	100.0	3,241	100.0	3,135	100.0
State Police	404	11.7	386	11.9	373	11.9
County Police	1,112	32.1	931	28.7	983	31.4
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	1,951	56.3	1,923	59.3	1,779	56.7
Unknown	0	0.0	1	<0.1	0	0.0

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

Niagara County

TABLE 4 Jurisdictional Road System						
	2010		2011		2012	
Total	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

TABLE 5 Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	6,316	100.0	5,802	100.0	5,513	100.0
Male	3,305	52.3	3,097	53.4	2,952	53.5
Female	2,698	42.7	2,426	41.8	2,337	42.4
Unknown	313	5.0	279	4.8	224	4.1
Age						
Under Age 16	1	<0.1	0	0.0	4	0.1
Ages 16-20	785	12.4	695	12.0	669	12.1
Ages 21-29	1,283	20.3	1,181	20.4	1,165	21.1
Ages 30-39	907	14.4	846	14.6	829	15.0
Ages 40-49	1,025	16.2	918	15.8	777	14.1
Ages 50-59	978	15.5	861	14.8	864	15.7
Ages 60-69	528	8.4	536	9.2	536	9.7
Ages 70 and Over	479	7.6	471	8.1	429	7.8
Unknown Age	330	5.2	294	5.1	240	4.4

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	3,467		3,241		3,135	
Alcohol Involvement*	161	4.6	133	4.1	146	4.7
Backing Unsafely	153	4.4	181	5.6	164	5.2
Driver Inattention/Distraction	1,336	38.5	1,179	36.4	1,166	37.2
Driver Inexperience	115	3.3	79	2.4	99	3.2
Failure to Keep Right	70	2.0	68	2.1	63	2.0
Failure to Yield R.O.W.	648	18.7	605	18.7	640	20.4
Following Too Closely	467	13.5	432	13.3	426	13.6
Passing/Lane Violations	234	6.7	223	6.9	238	7.6
Traffic Control Disregarded	134	3.9	149	4.6	132	4.2
Turning Improperly	131	3.8	126	3.9	109	3.5
Unsafe Speed*	335	9.7	277	8.5	250	8.0

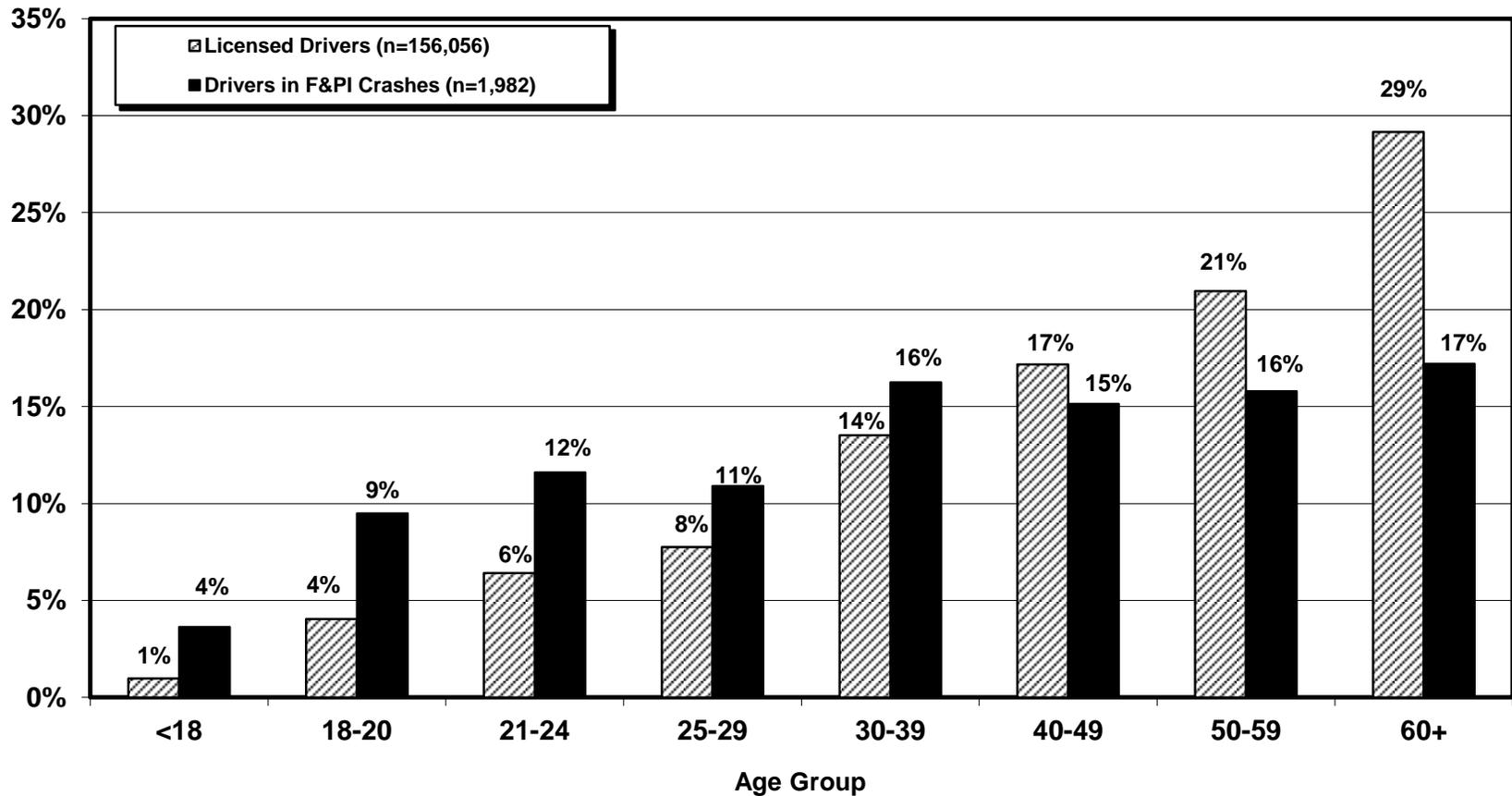
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data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

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	1,747	100.0	135	1,646	100.0	149
Under Age 4	11	0.6	2	7	0.4	1
Ages 4-6	30	1.7	5	19	1.2	2
Ages 7-15	99	5.7	20	101	6.1	26
Ages 16-17	88	5.0	16	58	3.5	11
Ages 18-20	159	9.1	13	150	9.1	14
Ages 21-29	355	20.3	25	353	21.4	25
Ages 30-39	242	13.9	7	232	14.1	19
Ages 40-49	236	13.5	14	229	13.9	17
Ages 50-59	264	15.1	14	226	13.7	15
Ages 60-69	136	7.8	9	130	7.9	7
Ages 70 and Over	108	6.2	6	127	7.7	10
Unknown Age	19	1.1	4	14	0.9	2

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	1,650	100.0	1,476	100.0	1,368	100.0
No Restraint Used	110	6.7	82	5.6	105	7.7
Restraint Used	1,485	90.0	1,338	90.7	1,213	88.7
Unknown	55	3.3	56	3.8	50	3.7
Motorcyclists	87	100.0	76	100.0	86	100.0
No Helmet Used	11	12.6	5	6.6	10	11.6
Helmet Used	67	77.0	67	88.2	70	81.4
Unknown	9	10.3	4	5.3	6	7.0
Bicyclists	54	100.0	51	100.0	59	100.0
No Helmet Used	39	72.2	38	74.5	44	74.6
Helmet Used	4	7.4	6	11.8	1	1.7
Unknown	11	20.4	7	13.7	14	23.7

FIGURE 1
Niagara County 2012
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. 51 drivers in fatal and personal injury crashes were excluded due to unknown age.

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

Niagara County

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction															
	Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2010			2011			2012		
							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	47	0.6	64	31	0.4	40	34	0.4	52
	Hartland	3,905	1.8	97.6	6.0	40.0	23	0.2	31	16	0.2	20	24	0.2	34
	Lewiston	13,710	6.3	130.1	8.0	105.4	89	0.7	126	82	0.6	118	66	0.5	92
	Lockport	20,133	9.2	136.9	8.4	147.1	125	0.9	175	126	0.9	167	103	0.8	144
	Newfane	9,589	4.4	108.8	6.7	88.1	47	0.4	71	42	0.4	57	53	0.5	69
	Niagara	8,737	4.0	47.6	2.9	183.6	95	2.0	142	103	2.2	153	81	1.7	129
	Pendleton	6,334	2.9	63.8	3.9	99.3	61	1.0	88	42	0.7	55	39	0.6	50
	Porter	4,939	2.3	72.8	4.5	67.8	17	0.2	27	27	0.4	41	21	0.3	31
	Royalton	6,004	2.8	144.0	8.8	41.7	39	0.3	48	24	0.2	36	34	0.2	50
	Somerset	2,266	1.0	64.2	3.9	35.3	5	0.1	9	5	0.1	7	7	0.1	10
	Wheatfield	15,591	7.1	97.0	6.0	160.7	150	1.5	214	111	1.1	168	109	1.1	160
	Wilson	4,642	2.1	82.2	5.1	56.5	16	0.2	19	19	0.2	21	19	0.2	28
Villages	Barker	563	0.3	3.3	0.2	170.6	1	0.3	1	2	0.6	4	1	0.3	1
	Lewiston	2,709	1.2	17.1	1.1	158.4	12	0.7	13	14	0.8	22	12	0.7	15
	Middleport	1,848	0.8	9.1	0.6	203.1	5	0.5	4	3	0.3	4	1	0.1	2
	Wilson	1,181	0.5	7.6	0.5	155.4	2	0.3	2	1	0.1	1	2	0.3	2
	Youngstown	1,914	0.9	9.8	0.6	195.3	8	0.8	9	0	na	na	2	0.2	2
Cities	Lockport	21,504	9.9	96.0	5.9	224.0	144	1.5	183	97	1.0	122	98	1.0	128
	Niagara Falls	53,708	24.6	241.9	14.9	222.0	393	1.6	510	382	1.6	520	340	1.4	455
	North Tonawanda	32,188	14.8	120.3	7.4	267.6	138	1.1	180	119	1.0	156	115	1.0	145
Other	Native American Reservation	1,110	na	na	na	na	19	na	20	20	na	29	20	na	31
	unknown	na	na	na	na	na	4	na	5	5	na	6	10	na	16
Niagara															
County Total		218,060		1627.7		134.0	1,440	0.9	1,941	1,271	0.8	1,747	1,191	0.7	1,646
New York State		19,227,088		113342.8		169.6	135,270	1.2	188,758	129,113	1.1	178,598	124,378	1.1	170,369

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

SECTION 2

Alcohol-Related Crash Summary Report

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

Niagara County

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

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	184	8,613	2.1	148	8,461	1.7	157	8,633	1.8
Fatal Crashes	4	327	1.2	4	330	1.2	3	325	0.9
Non-Fatal Personal Injury Crashes	89	4,445	2.0	81	4,298	1.9	77	4,471	1.7
Reportable Property Damage Crashes	91	3,841	2.4	63	3,833	1.6	77	3,837	2.0
Manner of Collision									
Single Vehicle Crashes	104	4,798	2.2	66	4,646	1.4	87	4,725	1.8
Multiple Vehicle Crashes	80	3,815	2.1	82	3,815	2.1	70	3,908	1.8
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	6	408	1.5	7	460	1.5	5	495	1.0
A-R Bicycle/Motor Vehicle Crashes	2	100	2.0	1	105	1.0	2	118	1.7
A-R Motorcycle Crashes	7	227	3.1	4	204	2.0	5	215	2.3
Fatalities									
Persons Killed (1)	5	354	1.4	4	362	1.1	3	358	0.8
Drivers Killed	1	206	0.5	2	185	1.1	2	188	1.1
<i>Drinking Drivers</i>	1	191	0.5	2	170	1.2	1	171	0.6
<i>Non-Drinking Drivers</i>	0	15	0.0	0	15	0.0	1	17	5.9
Passengers Killed	3	64	4.7	1	73	1.4	1	62	1.6
Pedestrians Killed	1	79	1.3	0	91	0.0	0	99	0.0
Bicyclists Killed	0	5	0.0	1	13	7.7	0	9	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	122	6,337	1.9	103	6,121	1.7	109	6,303	1.7
Drivers Injured	86	4,031	2.1	71	3,874	1.8	67	4,011	1.7
Passengers Injured	29	1,815	1.6	24	1,726	1.4	34	1,741	2.0
Pedestrians Injured	5	344	1.5	7	382	1.8	6	404	1.5
Bicyclists Injured	2	95	2.1	0	91	0.0	2	105	1.9
Other	0	52	0.0	1	48	2.1	0	42	0.0

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

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash 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 Crashes
Niagara County**

TABLE 2(P) Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	157	62	6	19	70	0
Sunday	24	18	1	2	3	0
Monday	18	4	1	3	10	0
Tuesday	9	3	0	1	5	0
Wednesday	24	11	0	3	10	0
Thursday	19	7	0	2	10	0
Friday	24	1	0	4	19	0
Saturday	39	18	4	4	13	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	241	100.0	208	100.0	206	100.0
Male	168	69.7	136	65.4	137	66.5
<i>Drinking Drivers</i>	135	56.0	102	49.0	107	51.9
<i>Non-Drinking Drivers</i>	33	13.7	34	16.3	30	14.6
Female	63	26.1	69	33.2	64	31.1
<i>Drinking Drivers</i>	41	17.0	38	18.3	45	21.8
<i>Non-Drinking Drivers</i>	22	9.1	31	14.9	19	9.2
Unknown	10	4.1	3	1.4	5	2.4
<i>Drinking Drivers</i>	3	1.2	0	0.0	2	1.0
<i>Non-Drinking Drivers</i>	7	2.9	3	1.4	3	1.5
Drinking Drivers	179	100.0	140	100.0	154	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	15	8.4	7	5.0	16	10.4
Ages 21-29	51	28.5	45	32.1	54	35.1
Ages 30-39	44	24.6	28	20.0	24	15.6
Ages 40-49	31	17.3	28	20.0	23	14.9
Ages 50-59	22	12.3	24	17.1	25	16.2
Age 60 and Over	13	7.3	8	5.7	10	6.5
Unknown Age	3	1.7	0	0.0	2	1.3
Non-Drinking Drivers	62	100.0	68	100.0	52	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	11.3	10	14.7	4	7.7
Ages 21-29	13	21.0	10	14.7	10	19.2
Ages 30-39	12	19.4	17	25.0	11	21.2
Ages 40-49	10	16.1	12	17.6	13	25.0
Ages 50-59	10	16.1	10	14.7	7	13.5
Age 60 and Over	3	4.8	6	8.8	4	7.7
Unknown Age	7	11.3	3	4.4	3	5.8

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

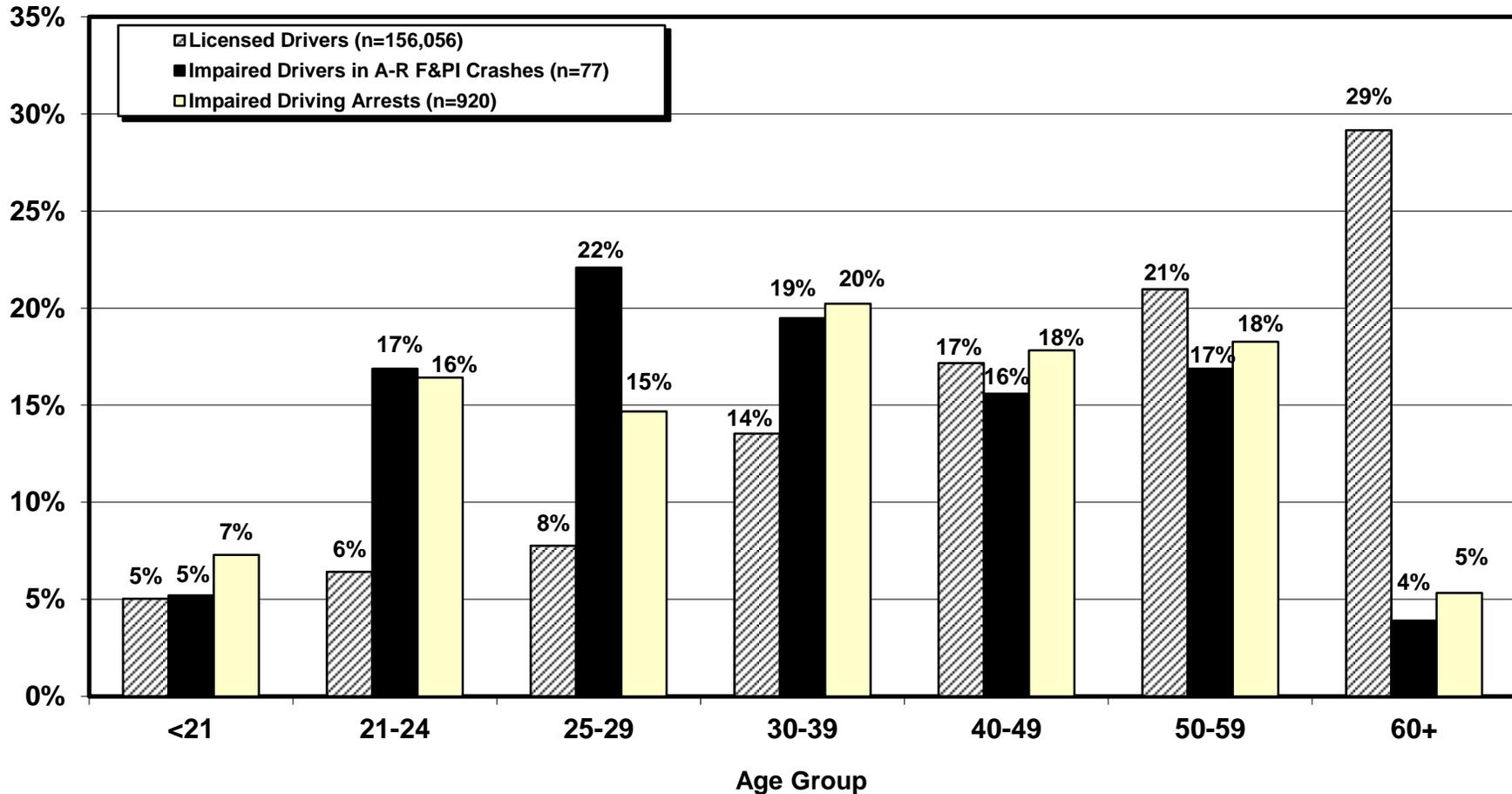
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	184		148		157	
Driver Inattention/Distracted	34	18.5	17	11.5	20	12.7
Failure to Keep Right	12	6.5	9	6.1	10	6.4
Failure to Yield R.O.W.	11	6.0	11	7.4	9	5.7
Fell Asleep	4	2.2	3	2.0	3	1.9
Following Too Closely	13	7.1	18	12.2	6	3.8
Passing/Lane Violations	10	5.4	16	10.8	18	11.5
Traffic Control Disregarded	6	3.3	3	2.0	7	4.5
Unsafe Speed	41	22.3	23	15.5	31	19.7

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	107	100.0	8	112	100.0	8
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	1	0.9	0	1	0.9	0
Ages 7-15	2	1.9	0	7	6.3	0
Ages 16-17	1	0.9	0	3	2.7	0
Ages 18-20	13	12.1	2	9	8.0	1
Ages 21-29	22	20.6	1	32	28.6	2
Ages 30-39	22	20.6	0	26	23.2	2
Ages 40-49	17	15.9	1	17	15.2	2
Ages 50-59	23	21.5	3	13	11.6	1
Ages 60-69	4	3.7	0	2	1.8	0
Ages 70 and Over	1	0.9	1	0	0.0	0
Unknown Age	1	0.9	0	2	1.8	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	114	100.0	93	100.0	100	100.0
No Restraint Used	15	13.2	15	16.1	31	31.0
Restraint Used	89	78.1	71	76.3	61	61.0
Unknown	10	8.8	7	7.5	8	8.0
Motorcyclists	5	100.0	5	100.0	4	100.0
No Helmet Used	3	60.0	1	20.0	2	50.0
Helmet Used	2	40.0	4	80.0	2	50.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	2	100.0	1	100.0	2	100.0
No Helmet Used	2	100.0	1	100.0	2	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Niagara County 2012
Licensed Drivers, Impaired 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 impaired drivers involved in A-R fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury 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.

SECTION 3

Speed-Related Crash Summary Report

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

Niagara County

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	364	28,168	1.3	300	28,147	1.1	262	26,630	1.0
Fatal Crashes	5	289	1.7	3	284	1.1	2	310	0.6
Non-Fatal Personal Injury Crashes	146	12,846	1.1	130	12,838	1.0	84	12,216	0.7
Reportable Property Damage Crashes	213	15,033	1.4	167	15,025	1.1	176	14,104	1.2
Manner of Collision									
Single Vehicle Crashes	225	16,991	1.3	160	16,379	1.0	154	15,812	1.0
Multiple Vehicle Crashes	139	11,177	1.2	140	11,768	1.2	108	10,818	1.0
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	3	411	0.7	0	488	0.0	2	465	0.4
S-R Bicycle/Motor Vehicle Crashes	0	130	0.0	1	133	0.8	0	113	0.0
S-R Motorcycle Crashes	9	846	1.1	8	808	1.0	10	876	1.1
Fatalities									
Persons Killed (1)	6	319	1.9	3	319	0.9	2	348	0.6
Drivers Killed	3	231	1.3	3	211	1.4	1	242	0.4
<i>Speeding Drivers</i>	3	220	1.4	3	195	1.5	1	215	0.5
<i>Non-Speeding Drivers</i>	0	11	0.0	0	16	0.0	0	27	0.0
Passengers Killed	3	70	4.3	0	91	0.0	1	77	1.3
Pedestrians Killed	0	16	0.0	0	17	0.0	0	27	0.0
Bicyclists Killed	0	2	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	177	18,910	0.9	183	18,843	1.0	114	17,999	0.6
Drivers Injured	135	12,556	1.1	131	12,382	1.1	80	11,899	0.7
Passengers Injured	38	5,723	0.7	51	5,730	0.9	31	5,480	0.6
Pedestrians Injured	3	422	0.7	0	514	0.0	3	462	0.6
Bicyclists Injured	0	128	0.0	1	130	0.8	0	114	0.0
Other	1	81	1.2	0	87	0.0	0	44	0.0

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

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash 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 Crashes
Niagara County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	262	37	62	93	70	0
Sunday	41	12	8	7	14	0
Monday	28	2	4	13	9	0
Tuesday	26	5	7	13	1	0
Wednesday	22	2	3	3	14	0
Thursday	42	5	6	22	9	0
Friday	53	1	14	20	18	0
Saturday	50	10	20	15	5	0

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	486	100.0	441	100.0	358	100.0
Male	309	63.6	259	58.7	219	61.2
<i>Speeding Drivers</i>	241	49.6	188	42.6	160	44.7
<i>Non-Speeding Drivers</i>	68	14.0	71	16.1	59	16.5
Female	170	35.0	172	39.0	134	37.4
<i>Speeding Drivers</i>	116	23.9	100	22.7	92	25.7
<i>Non-Speeding Drivers</i>	54	11.1	72	16.3	42	11.7
Unknown	7	1.4	10	2.3	5	1.4
<i>Speeding Drivers</i>	5	1.0	8	1.8	5	1.4
<i>Non-Speeding Drivers</i>	2	0.4	2	0.5	0	0.0
Speeding Drivers	362	100.0	296	100.0	257	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	79	21.8	67	22.6	63	24.5
Ages 21-29	108	29.8	88	29.7	83	32.3
Ages 30-39	49	13.5	41	13.9	34	13.2
Ages 40-49	52	14.4	33	11.1	31	12.1
Ages 50-59	31	8.6	28	9.5	24	9.3
Age 60 and Over	37	10.2	31	10.5	15	5.8
Unknown Age	6	1.7	8	2.7	7	2.7
Non-Speeding Drivers	124	100.0	145	100.0	101	100.0
Under Age 16	1	0.8	0	0.0	0	0.0
Ages 16-20	13	10.5	12	8.3	17	16.8
Ages 21-29	17	13.7	18	12.4	16	15.8
Ages 30-39	26	21.0	31	21.4	17	16.8
Ages 40-49	21	16.9	36	24.8	14	13.9
Ages 50-59	24	19.4	25	17.2	17	16.8
Age 60 and Over	20	16.1	21	14.5	19	18.8
Unknown Age	2	1.6	2	1.4	1	1.0

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	364		300		262	
Alcohol Involvement	46	12.6	26	8.7	37	14.1
Driver Inattention/Distraction	44	12.1	35	11.7	30	11.5
Driver Inexperience	16	4.4	7	2.3	10	3.8
Failure to Keep Right	7	1.9	9	3.0	7	2.7
Failure to Yield R.O.W.	10	2.7	15	5.0	6	2.3
Following Too Closely	25	6.9	26	8.7	24	9.2
Passing/Lane Violations	17	4.7	10	3.3	13	5.0
Traffic Control Disregarded	9	2.5	13	4.3	8	3.1

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	186	100.0	1	116	100.0	3
Under Age 4	2	1.1	0	1	0.9	0
Ages 4-6	5	2.7	0	1	0.9	0
Ages 7-15	9	4.8	0	4	3.4	0
Ages 16-17	13	7.0	0	4	3.4	0
Ages 18-20	27	14.5	0	18	15.5	0
Ages 21-29	43	23.1	0	34	29.3	0
Ages 30-39	27	14.5	0	11	9.5	0
Ages 40-49	23	12.4	1	15	12.9	2
Ages 50-59	22	11.8	0	14	12.1	0
Ages 60-69	7	3.8	0	12	10.3	1
Ages 70 and Over	7	3.8	0	2	1.7	0
Unknown Age	1	0.5	0	0	0.0	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	169	100.0	177	100.0	104	100.0
No Restraint Used	25	14.8	11	6.2	16	15.4
Restraint Used	134	79.3	156	88.1	83	79.8
Unknown	10	5.9	10	5.6	5	4.8
Motorcyclists	10	100.0	8	100.0	9	100.0
No Helmet Used	2	20.0	1	12.5	3	33.3
Helmet Used	8	80.0	7	87.5	6	66.7
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	0	0.0
No Helmet Used	0	0.0	1	100.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

SECTION 4

Motorcycle Crash Summary Report

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

Niagara County

TABLE 1 Crash Summary Totals									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	90	5,570	1.6	84	5,336	1.6	91	5,916	1.5
Fatal Crashes	3	180	1.7	3	168	1.8	1	164	0.6
Non-Fatal Personal Injury Crashes	81	4,757	1.7	71	4,550	1.6	77	5,052	1.5
Reportable Property Damage Crashes	6	633	0.9	10	618	1.6	13	700	1.9
Manner of Collision									
Single Motorcycle Crashes	37	2,426	1.5	46	2,408	1.9	40	2,564	1.6
Multiple Vehicle Crashes	53	3,144	1.7	38	2,928	1.3	51	3,352	1.5
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	79	0.0	0	64	0.0	0	89	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	0	27	0.0	1	38	2.6
Fatalities									
Persons Killed (1)	3	185	1.6	3	171	1.8	1	173	0.6
Drivers Killed	3	173	1.7	2	162	1.2	1	155	0.6
<i>Motorcycle Operators</i>	3	172	1.7	2	162	1.2	1	154	0.6
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	11	0.0	1	6	16.7	0	11	0.0
<i>Motorcycle Passengers</i>	0	11	0.0	1	6	16.7	0	10	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	1	0.0	0	3	0.0	0	6	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)	92	5,468	1.7	80	5,180	1.5	94	5,820	1.6
Drivers Injured	80	4,819	1.7	70	4,604	1.5	81	5,129	1.6
Passengers Injured	12	520	2.3	10	485	2.1	12	562	2.1
Pedestrians Injured	0	85	0.0	0	59	0.0	0	88	0.0
Bicyclists Injured	0	27	0.0	0	22	0.0	1	31	3.2
Other	0	17	0.0	0	10	0.0	0	10	0.0

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash 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 Crashes**

Niagara County

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	91	6	18	43	23	1
Sunday	16	0	3	7	6	0
Monday	13	0	2	9	2	0
Tuesday	11	1	3	4	3	0
Wednesday	12	4	2	4	2	0
Thursday	18	0	2	10	5	1
Friday	9	0	3	2	4	0
Saturday	12	1	3	7	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	92	100.0	83	100.0	91	100.0
Male	83	90.2	77	92.8	80	87.9
Female	9	9.8	6	7.2	10	11.0
Unknown	0	0.0	0	0.0	1	1.1
Under Age 16	0	0.0	0	0.0	1	1.1
Ages 16-20	5	5.4	7	8.4	5	5.5
Ages 21-29	17	18.5	17	20.5	15	16.5
Ages 30-39	16	17.4	9	10.8	15	16.5
Ages 40-49	23	25.0	22	26.5	23	25.3
Ages 50-59	22	23.9	22	26.5	19	20.9
Ages 60 and Over	9	9.8	6	7.2	12	13.2
Unknown Age	0	0.0	0	0.0	1	1.1

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	86		75		87	
Alcohol Involvement	6	7.0	4	5.3	5	5.7
Driver Inattention/Distraction	32	37.2	14	18.7	28	32.2
Driver Inexperience	7	8.1	7	9.3	11	12.6
Failure to Keep Right	3	3.5	2	2.7	1	1.1
Failure to Yield R.O.W.	29	33.7	15	20.0	19	21.8
Following Too Closely	7	8.1	5	6.7	11	12.6
Passing/Lane Violations	6	7.0	4	5.3	8	9.2
Traffic Control Disregarded	1	1.2	0	0.0	2	2.3
Turning Improperly	5	5.8	5	6.7	3	3.4
Unsafe Speed	7	8.1	8	10.7	10	11.5

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

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

Niagara County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	90	100.0	80	100.0	89	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	1	1.1
Ages 7-15	1	1.1	1	1.3	1	1.1
Ages 16-17	1	1.1	1	1.3	1	1.1
Ages 18-20	5	5.6	5	6.3	4	4.5
Ages 21-29	16	17.8	16	20.0	14	15.7
Ages 30-39	17	18.9	10	12.5	12	13.5
Ages 40-49	20	22.2	21	26.3	23	25.8
Ages 50-59	20	22.2	22	27.5	20	22.5
Ages 60-69	6	6.7	4	5.0	13	14.6
Ages 70 and Over	4	4.4	0	0.0	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						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	87	100.0	76	100.0	86	100.0
No Helmet Used	11	12.6	5	6.6	10	11.6
Helmet Used	67	77.0	67	88.2	70	81.4
Unknown	9	10.3	4	5.3	6	7.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2008	7,543	2.3	14,581	2.3
2009	7,720	2.3	14,898	2.3
2010	7,743	2.3	15,031	2.3
2011	7,840	2.3	15,247	2.3
2012	7,915	2.3	15,516	2.3

SECTION 5

Ticket Data

NIAGARA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED	45,824	44,667	44,205
SPEED (V&T 1180)	11,024	11,354	11,524
% of total tickets	24.1%	25.4%	26.1%
% convicted on same charge (of adjudicated cases)	11.1%	10.8%	9.5%
SAFETY RESTRAINTS (V&T 1229c)	4,264	3,179	2,983
% of total tickets	9.3%	7.1%	6.7%
% convicted on same charge (of adjudicated cases)	42.1%	36.9%	32.4%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>317</i>	<i>282</i>	<i>335</i>
IMPAIRED DRIVING (V&T 1192)	1,999	1,613	1,594
% of total tickets	4.4%	3.6%	3.6%
Persons Arrested for Impaired Driving	(N=1,147)	(N=946)	(N=920)
Case adjudicated	94.9%	93.2%	92.3%
Case pending	5.1%	6.8%	7.7%
Adjudicated Cases*	(N=1,089)	(N=882)	(N=849)
Convicted on original 1192 charge	29.8%	26.6%	28.9%
Convicted on other 1192 charge	57.4%	61.2%	61.1%
Convicted on non-1192 charge	4.7%	3.3%	3.5%
Dismissed/Acquitted/Convicted on charge associated with different event	8.1%	8.8%	6.5%

* 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

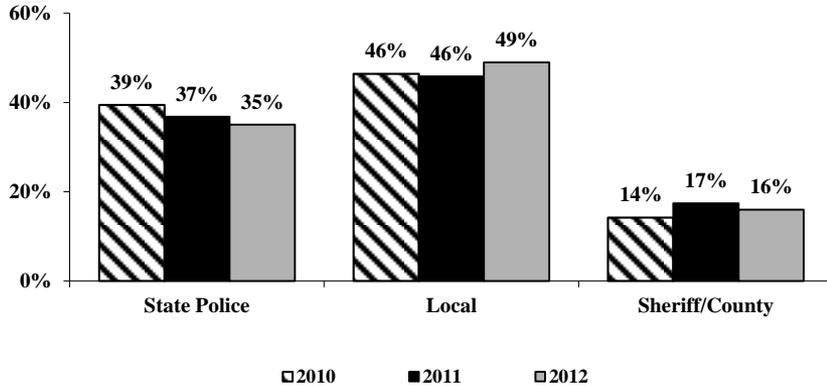
Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	166	167	141
Number of Persons on Probation	455	457	420

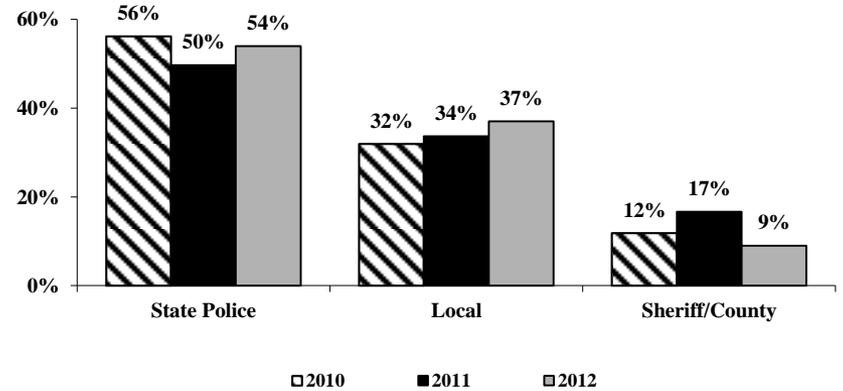
Source: NYS Division of Probation and Correctional Alternatives.

Niagara County Tickets Issued by TSLED Agencies By Agency Type

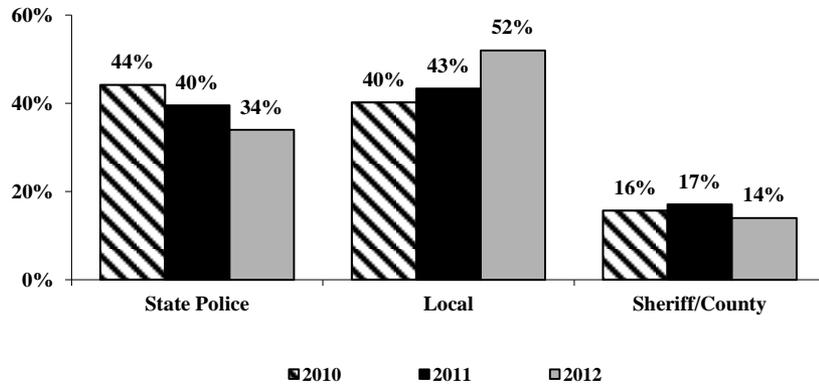
All Tickets



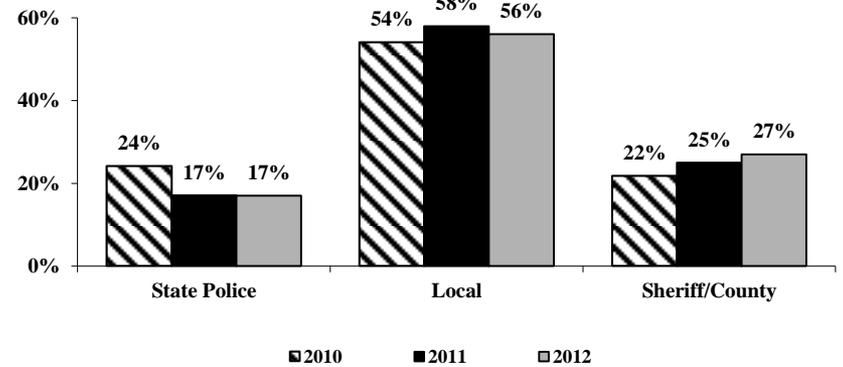
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



NIAGARA COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2010			2011			2012		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Niagara Sheriff NCIC 03100	alcohol	429	29.6	21.5	396	30.5	24.6	424	33.6	26.6
	speed	1,725	28.2	15.6	1,942	28.5	17.1	1,607	21.5	13.9
	seatbelt	504	27.0	11.8	530	33.3	16.7	265	19.5	8.9
Lockport P.D. NCIC 03101	alcohol	174	12.0	8.7	165	12.7	10.2	124	9.8	7.8
	speed	619	10.1	5.6	678	9.9	6.0	1,267	16.9	11.0
	seatbelt	81	4.3	1.9	149	9.4	4.7	106	7.8	3.6
Niagara Falls City P.D. NCIC 03102	alcohol	256	17.7	12.8	199	15.3	12.3	183	14.5	11.5
	speed	881	14.4	8.0	906	13.3	8.0	497	6.6	4.3
	seatbelt	652	35.0	15.3	426	26.7	13.4	294	21.6	9.9
North Tonawanda P.D. NCIC 03103	alcohol	289	20.0	14.5	233	17.9	14.4	235	18.6	14.7
	speed	1,212	19.8	11.0	957	14.0	8.4	954	12.7	8.3
	seatbelt	231	12.4	5.4	140	8.8	4.4	60	4.4	2.0
Middleport P.D. NCIC 03120	alcohol	63	4.4	3.2	42	3.2	2.6	50	4.0	3.1
	speed	645	10.5	5.9	881	12.9	7.8	748	10.0	6.5
	seatbelt	33	1.8	0.8	51	3.2	1.6	45	3.3	1.5
Village of Youngstown P.D. NCIC 03123	alcohol	3	0.2	0.2	1	0.1	0.1	6	0.5	0.4
	speed	9	0.1	0.1	11	0.2	0.1	55	0.7	0.5
	seatbelt	1	0.1	<0.1	0	0.0	0.0	0	0.0	0.0
Town of Lewiston P.D. NCIC 03154	alcohol	109	7.5	5.5	138	10.6	8.6	140	11.1	8.8
	speed	334	5.5	3.0	548	8.0	4.8	1,258	16.8	10.9
	seatbelt	22	1.2	0.5	27	1.7	0.8	59	4.3	2.0
Town of Niagara P.D. NCIC 03155	alcohol	35	2.4	1.8	74	5.7	4.6	56	4.4	3.5
	speed	257	4.2	2.3	772	11.3	6.8	845	11.3	7.3
	seatbelt	122	6.5	2.9	198	12.4	6.2	423	31.1	14.2
NYS Park Police/Niagara Reg. NCIC 03190	alcohol	81	5.6	4.1	46	3.5	2.9	40	3.2	2.5
	speed	315	5.1	2.9	84	1.2	0.7	231	3.1	2.0
	seatbelt	214	11.5	5.0	72	4.5	2.3	106	7.8	3.6
Village of Barker P.D. NCIC 03125	alcohol	8	0.6	0.4	5	0.4	0.3	3	0.2	0.2
	speed	129	2.1	1.2	47	0.7	0.4	24	0.3	0.2
	seatbelt	4	0.2	0.1	0	0.0	0.0	1	0.1	<0.1
Totals by Agency Type										
Sheriff and Local	alcohol	1,447		72.4	1,299		80.5	1,261		79.1
	speed	6,126		55.6	6,826		60.1	7,486		65.0
	seatbelt	1,864		43.7	1,593		50.1	1,359		45.6
State Police	alcohol	552		27.6	307		19.0	326		20.5
	speed	4,866		44.1	4,492		39.6	3,951		34.3
	seatbelt	2,397		56.2	1,579		49.7	1,623		54.4
Other <i>incl. Niagara Frontier Transportation Authority</i>	alcohol	0		0.0	7		0.4	7		0.4
	speed	32		0.3	36		0.3	87		0.8
	seatbelt	3		0.1	7		0.2	1		<0.1
County Totals										
	alcohol	1,999			1,613			1,594		
	speed	11,024			11,354			11,524		
	seatbelt	4,264			3,179			2,983		

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