

CORTLAND 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 2011

COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2007-2009. Four summary reports provide detailed accident data for the three years 2007-2009. 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

OR

Governor's Traffic Safety Committee
NYS Department of Motor Vehicles
6 Empire State Plaza Room 414
Albany, New York 12228
Telephone: 518-474-5111

Contact Person: Sandra Fuller
E-Mail: sfuller@itsmr.org

Contact your GTSC Representative
listed below:

GTSC Representatives

RICH DEVLIN 518-486-4221 Rdevlin@dmv.ny.gov	SHARON HENDERSON 518-474-2279 Shenderson@dmv.ny.gov	JENNIFER HOGAN 518-473-7786 Jennifer.Hogan@dmv.ny.gov	PAUL OVERBAUGH 518-486-5395 Poverbaugh@dmv.ny.gov	CRAIG WHITTEN 518-486-6718 Cwhitten@dmv.ny.gov
Essex	Cayuga	Fulton	Albany	Allegany
Hamilton	Clinton	Greene	Chenango	Broome
Herkimer	Franklin	Montgomery	Columbia	Cattaraugus
Warren	Jefferson	Nassau	Cortland	Chautauqua
	Lewis	New York City: Bronx, Kings, Manhattan, Queens, Richmond	Delaware	Chemung
	Madison	Rensselaer	Dutchess	Erie
	Oneida	Schenectady	Orange	Genesee
	Onondaga	Schoharie	Putnam	Livingston
	Oswego	Suffolk	Rockland	Monroe
	St. Lawrence	Westchester	Saratoga	Niagara
	Seneca		Sullivan	Ontario
	Wayne		Ulster	Orleans
			Washington	Otsego
				Schuyler
				Steuben
				Tioga
				Tompkins
				Wyoming
				Yates

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2007 - 2009	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report.....	3
Motorcycle Accident Summary Report.....	4
 Ticket Data: 2007 - 2009	
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
Cortland County**

TABLE 1 Accident Summary Totals									
Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	1,239	323,106	0.4	1,276	316,231	0.4	1,267	314,974	0.4
Fatal Accidents	6	1,220	0.5	4	1,160	0.3	2	1,060	0.2
Non-Fatal Personal Injury Accidents	340	139,117	0.2	340	134,894	0.3	305	133,888	0.2
Reportable Property Damage Accidents	893	182,769	0.5	932	180,177	0.5	960	180,026	0.5
Manner of Collision									
Single Vehicle Accidents	723	103,286	0.7	760	104,790	0.7	700	101,080	0.7
Multiple Vehicle Accidents	516	219,820	0.2	516	211,441	0.2	567	213,894	0.3
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	14	15,701	0.1	10	15,620	0.1	12	15,682	0.1
Bicycle/Motor Vehicle Accidents	10	5,535	0.2	7	5,646	0.1	9	5,620	0.2
Motorcycle Accidents	24	5,426	0.4	23	5,396	0.4	10	5,150	0.2
Fatalities									
Persons Killed (1)	7	1,317	0.5	4	1,224	0.3	2	1,148	0.2
Drivers Killed	6	762	0.8	2	669	0.3	2	603	0.3
Passengers Killed	1	231	0.4	2	211	0.9	0	209	0.0
Pedestrians Killed	0	272	0.0	0	302	0.0	0	307	0.0
Bicyclists Killed	0	50	0.0	0	42	0.0	0	29	0.0
Other	0	2	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	465	194,255	0.2	428	187,160	0.2	410	186,034	0.2
Drivers Injured	306	119,314	0.3	312	114,393	0.3	249	112,855	0.2
Passengers Injured	130	53,261	0.2	99	51,120	0.2	137	51,499	0.3
Pedestrians Injured	18	15,472	0.1	9	15,317	0.1	13	15,321	0.1
Bicyclists Injured	11	5,373	0.2	7	5,422	0.1	9	5,405	0.2
Other	0	835	0.0	1	908	0.1	2	954	0.2

(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 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
Cortland County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2007	2008	2009
Crash Rates			
Crash Rate per 10,000 Population	256.16	264.17	263.98
Crash Rate per 10,000 Licensed Drivers	372.40	389.70	388.00
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	97.58	89.44	85.84
Fatality & Injury Rate per 10,000 Licensed Drivers	141.87	131.94	126.17

TABLE 2 Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,267	116	370	490	262	29
Sunday	171	16	36	83	31	5
Monday	142	13	44	52	29	4
Tuesday	182	13	52	66	46	5
Wednesday	177	22	59	66	29	1
Thursday	216	16	74	69	54	3
Friday	229	16	70	92	43	8
Saturday	150	20	35	62	30	3

TABLE 3(P) Police Investigating Agency						
	2007		2008		2009	
	#	%	#	%	#	%
Total	1,130	100.0	1,178	100.0	1,143	100.0
State Police	587	51.9	547	46.4	518	45.3
County Police	304	26.9	380	32.3	343	30.0
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	239	21.2	251	21.3	282	24.7
Unknown	0	0.0	0	0.0	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2007		2008		2009	
	#	%	#	%	#	%
Total	1,239	100.0				
State Routes	637	51.4	Data are not available.		Data are not available.	
County Routes	127	10.3				
Town Routes	84	6.8				
Municipal Routes	137	11.1				
Parkways	0	0.0				
Thruway	0	0.0				
Other Interstates	189	15.3				
Unknown	65	5.2				

TABLE 5 Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	1,751	100.0	1,758	100.0	1,806	100.0
Male	1,043	59.6	975	55.5	996	55.1
Female	675	38.5	734	41.8	759	42.0
Unknown	33	1.9	49	2.8	51	2.8
Under Age 16	1	0.1	0	0.0	0	0.0
Ages 16-20	264	15.1	263	15.0	269	14.9
Ages 21-29	418	23.9	408	23.2	413	22.9
Ages 30-39	253	14.4	287	16.3	273	15.1
Ages 40-49	298	17.0	282	16.0	280	15.5
Ages 50-59	252	14.4	240	13.7	250	13.8
Ages 60-69	119	6.8	144	8.2	159	8.8
Ages 70 and Over	111	6.3	85	4.8	108	6.0
Unknown Age	35	2.0	49	2.8	54	3.0

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	1,130		1,178		1,143	
Alcohol Involvement*	43	3.8	46	3.9	34	3.0
Backing Unsafely	40	3.5	48	4.1	70	6.1
Driver Inattention/Distraction	153	13.5	117	9.9	147	12.9
Driver Inexperience	19	1.7	18	1.5	15	1.3
Failure to Keep Right	50	4.4	50	4.2	39	3.4
Failure to Yield R.O.W.	112	9.9	97	8.2	102	8.9
Following Too Closely	136	12.0	128	10.9	159	13.9
Passing/Lane Violations	60	5.3	64	5.4	85	7.4
Traffic Control Disregarded	22	1.9	19	1.6	26	2.3
Turning Improperly	21	1.9	27	2.3	23	2.0
Unsafe Speed*	313	27.7	343	29.1	266	23.3

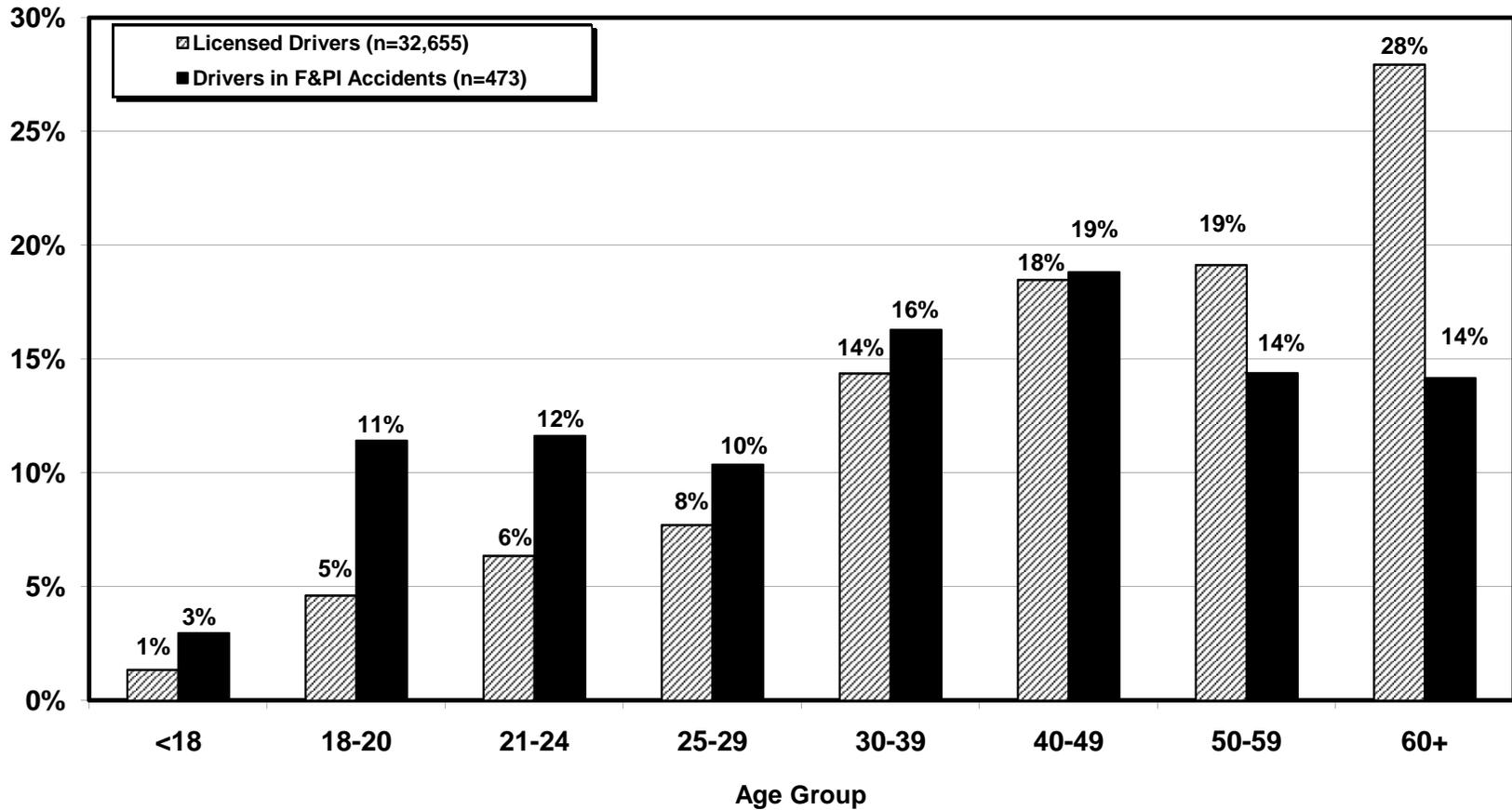
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	432	100.0	16	412	100.0	22
Under Age 4	5	1.2	0	4	1.0	0
Ages 4-6	6	1.4	1	4	1.0	0
Ages 7-15	13	3.0	2	34	8.3	5
Ages 16-17	14	3.2	0	27	6.6	2
Ages 18-20	63	14.6	5	40	9.7	4
Ages 21-29	104	24.1	1	70	17.0	4
Ages 30-39	56	13.0	1	54	13.1	2
Ages 40-49	68	15.7	2	74	18.0	4
Ages 50-59	50	11.6	2	51	12.4	0
Ages 60-69	26	6.0	1	30	7.3	0
Ages 70 and Over	26	6.0	1	23	5.6	1
Unknown Age	1	0.2	0	1	0.2	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	411	100.0	388	100.0	374	100.0
No Restraint Used	27	6.6	22	5.7	29	7.8
Restraint Used	379	92.2	361	93.0	339	90.6
Unknown	5	1.2	5	1.3	6	1.6
Motorcyclists	20	100.0	21	100.0	9	100.0
No Helmet Used	6	30.0	3	14.3	0	0.0
Helmet Used	14	70.0	17	81.0	9	100.0
Unknown	0	0.0	1	4.8	0	0.0
Bicyclists	11	100.0	6	100.0	9	100.0
No Helmet Used	3	27.3	3	50.0	6	66.7
Helmet Used	4	36.4	3	50.0	2	22.2
Unknown	4	36.4	0	0.0	1	11.1

FIGURE 1
Cortland County 2009
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. 9 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

Cortland County

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction															
Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2007			2008			2009			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
Towns	Cincinnatus	1,042	2.1	46.6	4.5	22.4	11	0.2	18	12	0.3	12	10	0.2	11
	Cortlandville	6,984	14.3	128.3	12.5	54.4	92	0.7	141	90	0.7	113	80	0.6	106
	Cuyler	1,048	2.1	63.0	6.1	16.6	6	0.1	6	3	<0.1	3	3	<0.1	3
	Freetown	820	1.7	49.4	4.8	16.6	2	<0.1	5	3	0.1	3	2	<0.1	2
	Harford	921	1.9	42.8	4.2	21.5	5	0.1	7	5	0.1	7	6	0.1	7
	Homer	3,095	6.3	110.6	10.8	28.0	34	0.3	39	36	0.3	50	29	0.3	47
	Lapeer	691	1.4	40.7	4.0	17.0	2	<0.1	2	6	0.1	6	4	0.1	5
	Marathon	1,147	2.3	46.5	4.5	24.7	24	0.5	33	8	0.2	9	5	0.1	6
	Preble	1,584	3.2	56.9	5.5	27.8	18	0.3	21	26	0.5	34	12	0.2	20
	Scott	1,196	2.4	44.9	4.4	26.6	4	0.1	5	3	0.1	4	4	0.1	4
	Solon	1,124	2.3	47.3	4.6	23.8	6	0.1	9	7	0.1	9	6	0.1	6
	Taylor	498	1.0	48.8	4.7	10.2	5	0.1	6	3	0.1	4	4	0.1	6
	Truxton	1,257	2.6	65.9	6.4	19.1	11	0.2	16	6	0.1	6	8	0.1	15
	Virgil	2,487	5.1	103.1	10.0	24.1	30	0.3	41	29	0.3	38	29	0.3	41
Willet	1,016	2.1	47.9	4.7	21.2	2	<0.1	2	8	0.2	9	2	<0.1	2	
Villages	Homer	3,346	6.8	19.6	1.9	170.7	18	0.9	29	15	0.8	17	14	0.7	17
	McGraw	988	2.0	6.1	0.6	162.0	2	0.3	3	5	0.8	6	4	0.7	5
	Marathon	1,049	2.1	9.5	0.9	110.4	2	0.2	2	0	na	na	1	0.1	1
City	Cortland	18,713	38.2	50.4	4.9	371.3	70	1.4	84	78	1.5	101	83	1.6	107
Other	unknown	na	na	na	na	na	2	na	3	1	na	1	1	na	1
Cortland County Total		49,006		1028.1		47.7	346	0.3	472	344	0.3	432	307	0.3	412
New York State		19,227,088		113342.8		169.6	140,337	1.2	195,572	136,054	1.2	188,384	134,948	1.2	187,182

Source: US Census Bureau redistricting data, 2004 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
Cortland County**

TABLE 1(P) Alcohol-Related (A-R) Accidents									
Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	46	9,480	0.5	46	9,202	0.5	34	8,873	0.4
Fatal Accidents	2	344	0.6	0	355	0.0	0	329	0.0
Non-Fatal Personal Injury Accidents	18	4,991	0.4	23	4,775	0.5	17	4,676	0.4
Reportable Property Damage Accidents	26	4,145	0.6	23	4,072	0.6	17	3,868	0.4
Manner of Collision									
Single Vehicle Accidents	31	5,138	0.6	37	5,033	0.7	21	4,843	0.4
Multiple Vehicle Accidents	15	4,342	0.3	9	4,169	0.2	13	4,030	0.3
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	0	403	0.0	1	428	0.2	1	432	0.2
A-R Bicycle/Motor Vehicle Accidents	0	97	0.0	0	106	0.0	0	118	0.0
A-R Motorcycle Accidents	0	217	0.0	0	220	0.0	0	191	0.0
Fatalities									
Persons Killed (1)	2	373	0.5	0	381	0.0	0	361	0.0
Drivers Killed	2	239	0.8	0	212	0.0	0	198	0.0
<i>Drinking Drivers</i>	2	215	0.9	0	192	0.0	0	175	0.0
<i>Non-Drinking Drivers</i>	0	24	0.0	0	20	0.0	0	23	0.0
Passengers Killed	0	65	0.0	0	77	0.0	0	64	0.0
Pedestrians Killed	0	62	0.0	0	82	0.0	0	91	0.0
Bicyclists Killed	0	7	0.0	0	10	0.0	0	8	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	22	7,175	0.3	29	6,886	0.4	22	6,810	0.3
Drivers Injured	17	4,593	0.4	19	4,396	0.4	18	4,321	0.4
Passengers Injured	5	2,072	0.2	9	1,979	0.5	3	1,959	0.2
Pedestrians Injured	0	362	0.0	1	360	0.3	1	369	0.3
Bicyclists Injured	0	90	0.0	0	94	0.0	0	107	0.0
Other	0	58	0.0	0	57	0.0	0	54	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 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
Cortland County**

TABLE 2(P) Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	34	13	1	11	9	0
Sunday	8	5	0	2	1	0
Monday	1	0	0	0	1	0
Tuesday	4	0	0	2	2	0
Wednesday	6	1	0	2	3	0
Thursday	6	4	0	2	0	0
Friday	3	1	0	1	1	0
Saturday	6	2	1	2	1	0

TABLE 3(P) Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	58	100.0	51	100.0	45	100.0
Male	39	67.2	39	76.5	34	75.6
<i>Drinking Drivers</i>	31	53.4	35	68.6	25	55.6
<i>Non-Drinking Drivers</i>	8	13.8	4	7.8	9	20.0
Female	17	29.3	12	23.5	10	22.2
<i>Drinking Drivers</i>	15	25.9	10	19.6	8	17.8
<i>Non-Drinking Drivers</i>	2	3.4	2	3.9	2	4.4
Unknown	2	3.4	0	0.0	1	2.2
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	2	3.4	0	0.0	1	2.2
Drinking Drivers	46	100.0	45	100.0	33	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	10	21.7	8	17.8	3	9.1
Ages 21-29	16	34.8	15	33.3	15	45.5
Ages 30-39	9	19.6	12	26.7	4	12.1
Ages 40-49	7	15.2	6	13.3	7	21.2
Ages 50-59	2	4.3	3	6.7	4	12.1
Age 60 and Over	2	4.3	1	2.2	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	12	100.0	6	100.0	12	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	16.7	0	0.0	2	16.7
Ages 21-29	2	16.7	1	16.7	2	16.7
Ages 30-39	2	16.7	4	66.7	2	16.7
Ages 40-49	3	25.0	1	16.7	2	16.7
Ages 50-59	0	0.0	0	0.0	0	0.0
Age 60 and Over	1	8.3	0	0.0	3	25.0
Unknown Age	2	16.7	0	0.0	1	8.3

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

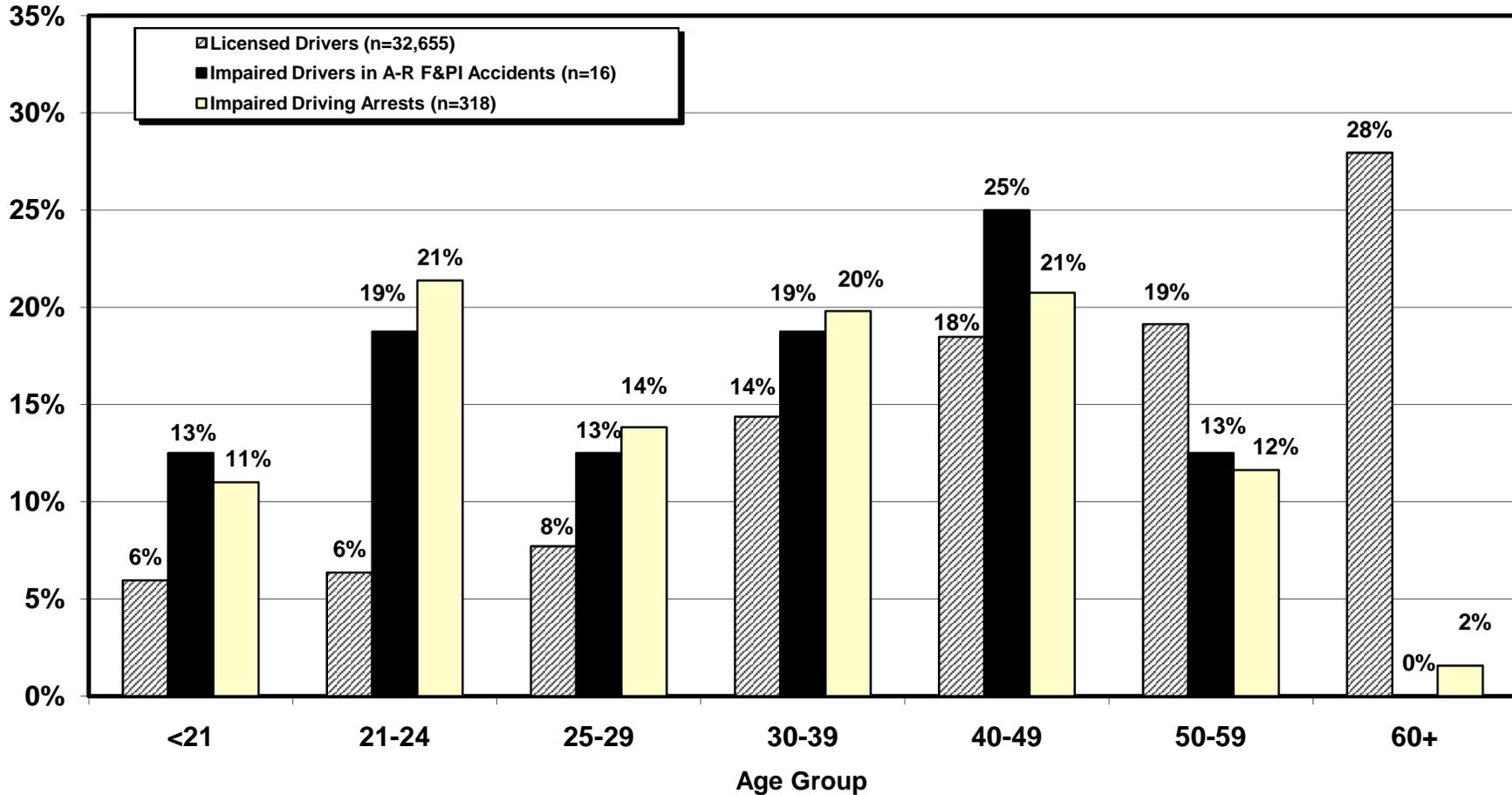
	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	46		46		34	
Driver Inattention/Distracted	3	6.5	0	0.0	4	11.8
Failure to Keep Right	7	15.2	4	8.7	3	8.8
Failure to Yield R.O.W.	1	2.2	1	2.2	2	5.9
Fell Asleep	2	4.3	3	6.5	0	0.0
Following Too Closely	4	8.7	3	6.5	2	5.9
Passing/Lane Violations	4	8.7	4	8.7	3	8.8
Traffic Control Disregarded	3	6.5	1	2.2	1	2.9
Unsafe Speed	12	26.1	17	37.0	8	23.5

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	29	100.0	1	22	100.0	1
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	1	3.4	0	0	0.0	0
Ages 7-15	0	0.0	0	0	0.0	0
Ages 16-17	1	3.4	0	0	0.0	0
Ages 18-20	4	13.8	0	3	13.6	0
Ages 21-29	11	37.9	1	7	31.8	0
Ages 30-39	6	20.7	0	3	13.6	0
Ages 40-49	2	6.9	0	6	27.3	1
Ages 50-59	1	3.4	0	2	9.1	0
Ages 60-69	3	10.3	0	1	4.5	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	24	100.0	28	100.0	21	100.0
No Restraint Used	2	8.3	3	10.7	3	14.3
Restraint Used	20	83.3	23	82.1	17	81.0
Unknown	2	8.3	2	7.1	1	4.8
Motorcyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Cortland County 2009
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**

Cortland County

TABLE 1(P) Speed-Related (S-R) Accidents									
Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	317	31,729	1.0	347	32,234	1.1	270	28,877	0.9
Fatal Accidents	2	369	0.5	0	379	0.0	0	314	0.0
Non-Fatal Personal Injury Accidents	101	14,405	0.7	93	14,207	0.7	71	13,202	0.5
Reportable Property Damage Accidents	214	16,955	1.3	254	17,648	1.4	199	15,361	1.3
Manner of Collision									
Single Vehicle Accidents	257	19,143	1.3	282	20,115	1.4	230	17,351	1.3
Multiple Vehicle Accidents	60	12,586	0.5	65	12,119	0.5	40	11,526	0.3
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	382	0.0	0	369	0.0	0	382	0.0
S-R Bicycle/Motor Vehicle Accidents	0	91	0.0	0	93	0.0	0	121	0.0
S-R Motorcycle Accidents	6	857	0.7	3	854	0.4	0	755	0.0
Fatalities									
Persons Killed (1)	2	406	0.5	0	412	0.0	0	357	0.0
Drivers Killed	2	277	0.7	0	293	0.0	0	237	0.0
<i>Speeding Drivers</i>	2	249	0.8	0	271	0.0	0	211	0.0
<i>Non-Speeding Drivers</i>	0	28	0.0	0	22	0.0	0	26	0.0
Passengers Killed	0	104	0.0	0	90	0.0	0	87	0.0
Pedestrians Killed	0	24	0.0	0	29	0.0	0	31	0.0
Bicyclists Killed	0	1	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)	137	21,137	0.6	116	20,595	0.6	93	19,326	0.5
Drivers Injured	91	14,151	0.6	85	13,818	0.6	57	12,890	0.4
Passengers Injured	46	6,427	0.7	30	6,235	0.5	35	5,853	0.6
Pedestrians Injured	0	383	0.0	0	364	0.0	0	386	0.0
Bicyclists Injured	0	90	0.0	0	90	0.0	0	121	0.0
Other	0	86	0.0	1	88	1.1	1	76	1.3

(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 Accident reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.

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

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	270	34	100	75	61	0
Sunday	42	5	13	21	3	0
Monday	27	3	9	7	8	0
Tuesday	34	5	9	6	14	0
Wednesday	43	9	17	8	9	0
Thursday	57	4	27	8	18	0
Friday	41	4	21	12	4	0
Saturday	26	4	4	13	5	0

	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	380	100.0	411	100.0	312	100.0
Male	244	64.2	263	64.0	209	67.0
<i>Speeding Drivers</i>	206	54.2	227	55.2	180	57.7
<i>Non-Speeding Drivers</i>	38	10.0	36	8.8	29	9.3
Female	130	34.2	143	34.8	103	33.0
<i>Speeding Drivers</i>	112	29.5	125	30.4	96	30.8
<i>Non-Speeding Drivers</i>	18	4.7	18	4.4	7	2.2
Unknown	6	1.6	5	1.2	0	0.0
<i>Speeding Drivers</i>	2	0.5	1	0.2	0	0.0
<i>Non-Speeding Drivers</i>	4	1.1	4	1.0	0	0.0
Speeding Drivers	320	100.0	353	100.0	276	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	76	23.8	84	23.8	53	19.2
Ages 21-29	101	31.6	115	32.6	99	35.9
Ages 30-39	49	15.3	59	16.7	49	17.8
Ages 40-49	45	14.1	43	12.2	32	11.6
Ages 50-59	33	10.3	33	9.3	30	10.9
Age 60 and Over	14	4.4	18	5.1	13	4.7
Unknown Age	2	0.6	1	0.3	0	0.0
Non-Speeding Drivers	60	100.0	58	100.0	36	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	5.0	5	8.6	0	0.0
Ages 21-29	13	21.7	10	17.2	10	27.8
Ages 30-39	9	15.0	11	19.0	7	19.4
Ages 40-49	12	20.0	17	29.3	5	13.9
Ages 50-59	11	18.3	4	6.9	8	22.2
Age 60 and Over	8	13.3	7	12.1	6	16.7
Unknown Age	4	6.7	4	6.9	0	0.0

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	317		347		270	
Alcohol Involvement	12	3.8	20	5.8	10	3.7
Driver Inattention/Distracted	6	1.9	3	0.9	4	1.5
Driver Inexperience	7	2.2	3	0.9	6	2.2
Failure to Keep Right	8	2.5	5	1.4	7	2.6
Failure to Yield R.O.W.	3	0.9	1	0.3	1	0.4
Following Too Closely	8	2.5	5	1.4	3	1.1
Passing/Lane Violations	2	0.6	7	2.0	7	2.6
Traffic Control Disregarded	2	0.6	2	0.6	1	0.4

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	116	100.0	0	93	100.0	0
Under Age 4	2	1.7	0	3	3.2	0
Ages 4-6	1	0.9	0	0	0.0	0
Ages 7-15	4	3.4	0	6	6.5	0
Ages 16-17	6	5.2	0	4	4.3	0
Ages 18-20	22	19.0	0	13	14.0	0
Ages 21-29	36	31.0	0	20	21.5	0
Ages 30-39	13	11.2	0	17	18.3	0
Ages 40-49	17	14.7	0	13	14.0	0
Ages 50-59	11	9.5	0	13	14.0	0
Ages 60-69	2	1.7	0	4	4.3	0
Ages 70 and Over	2	1.7	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	133	100.0	112	100.0	92	100.0
No Restraint Used	12	9.0	8	7.1	10	10.9
Restraint Used	120	90.2	103	92.0	80	87.0
Unknown	1	0.8	1	0.9	2	2.2
Motorcyclists	6	100.0	3	100.0	0	0.0
No Helmet Used	3	50.0	1	33.3	0	0.0
Helmet Used	3	50.0	2	66.7	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	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 Accident Summary Report

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

Cortland County

TABLE 1 Accident Summary Totals

Category Totals	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	24	5,426	0.4	23	5,396	0.4	10	5,150	0.2
Fatal Accidents	2	164	1.2	2	184	1.1	0	152	0.0
Non-Fatal Personal Injury Accidents	19	4,727	0.4	19	4,593	0.4	8	4,347	0.2
Reportable Property Damage Accidents	3	535	0.6	2	619	0.3	2	651	0.3
Manner of Collision									
Single Motorcycle Accidents	12	2,318	0.5	16	2,392	0.7	7	2,270	0.3
Multiple Vehicle Accidents	12	3,108	0.4	7	3,004	0.2	3	2,880	0.1
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	74	0.0	1	84	1.2	0	63	0.0
Motorcycle/Bicycle Accidents	0	19	0.0	0	29	0.0	0	28	0.0
Fatalities									
Persons Killed (1)	2	172	1.2	2	188	1.1	0	155	0.0
Drivers Killed	2	162	1.2	2	175	1.1	0	146	0.0
<i>Motorcycle Operators</i>	2	162	1.2	2	175	1.1	0	146	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	8	0.0	0	5	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	7	0.0	0	5	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	1	0.0	0	4	0.0	0	3	0.0
Bicyclists Killed	0	0	0.0	0	1	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)	20	5,503	0.4	21	5,290	0.4	9	5,042	0.2
Drivers Injured	19	4,830	0.4	18	4,674	0.4	8	4,444	0.2
Passengers Injured	1	579	0.2	2	493	0.4	1	505	0.2
Pedestrians Injured	0	71	0.0	1	81	1.2	0	61	0.0
Bicyclists Injured	0	15	0.0	0	28	0.0	0	24	0.0
Other	0	8	0.0	0	14	0.0	0	8	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 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**

Cortland County

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	10	0	1	7	2	0
Sunday	3	0	0	3	0	0
Monday	0	0	0	0	0	0
Tuesday	2	0	0	2	0	0
Wednesday	0	0	0	0	0	0
Thursday	2	0	0	0	2	0
Friday	1	0	1	0	0	0
Saturday	2	0	0	2	0	0

	2007		2008		2009	
	#	%	#	%	#	%
Total MC Operators	25	100.0	23	100.0	10	100.0
Male	23	92.0	20	87.0	7	70.0
Female	2	8.0	3	13.0	3	30.0
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	12.0	3	13.0	1	10.0
Ages 21-29	10	40.0	2	8.7	5	50.0
Ages 30-39	0	0.0	4	17.4	1	10.0
Ages 40-49	4	16.0	7	30.4	1	10.0
Ages 50-59	7	28.0	5	21.7	2	20.0
Ages 60 and Over	1	4.0	2	8.7	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

	2007		2008		2009	
	#	%	#	%	#	%
Total MC Accidents	22		22		9	
Alcohol Involvement	0	0.0	0	0.0	0	0.0
Driver Inattention/Distraction	1	4.5	1	4.5	1	11.1
Driver Inexperience	3	13.6	3	13.6	2	22.2
Failure to Keep Right	2	9.1	0	0.0	0	0.0
Failure to Yield R.O.W.	4	18.2	4	18.2	0	0.0
Following Too Closely	1	4.5	1	4.5	1	11.1
Passing/Lane Violations	3	13.6	0	0.0	1	11.1
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	1	4.5	1	4.5	1	11.1
Unsafe Speed	6	27.3	3	13.6	0	0.0

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

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

Cortland County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2007		2008		2009	
	#	%	#	%	#	%
Age Group	22	100.0	21	100.0	9	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	0	0.0	0	0.0	1	11.1
Ages 16-17	1	4.5	0	0.0	0	0.0
Ages 18-20	1	4.5	3	14.3	0	0.0
Ages 21-29	8	36.4	1	4.8	4	44.4
Ages 30-39	0	0.0	3	14.3	1	11.1
Ages 40-49	3	13.6	7	33.3	1	11.1
Ages 50-59	8	36.4	5	23.8	2	22.2
Ages 60-69	1	4.5	1	4.8	0	0.0
Ages 70 and Over	0	0.0	1	4.8	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						
	2007		2008		2009	
	#	%	#	%	#	%
Motorcyclists	20	100.0	21	100.0	9	100.0
No Helmet Used	6	30.0	3	14.3	0	0.0
Helmet Used	14	70.0	17	81.0	9	100.0
Unknown	0	0.0	1	4.8	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2005	1,559	0.6	3,785	0.6
2006	1,693	0.6	3,865	0.6
2007	1,854	0.6	3,994	0.6
2008	2,003	0.6	4,098	0.6
2009	2,000	0.6	4,153	0.6

SECTION 5

Ticket Data

CORTLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2007	2008	2009
TOTAL TICKETS ISSUED	18,277	19,513	18,587
SPEED (V&T 1180)	7,037	7,200	6,499
% of total tickets	38.5%	36.9%	35.0%
% convicted on same charge (of adjudicated cases)	62.6%	61.7%	56.3%
SAFETY RESTRAINTS (V&T 1229c)	1,522	1,075	1,146
% of total tickets	8.3%	5.5%	6.2%
% convicted on same charge (of adjudicated cases)	90.4%	94.2%	86.2%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	100	65	78
IMPAIRED DRIVING (V&T 1192)	578	569	601
% of total tickets	3.2%	2.9%	3.2%
Persons Arrested for Impaired Driving	(N=336)	(N=298)	(N=318)
Case adjudicated	94.4%	95.0%	96.2%
Case pending	5.7%	5.0%	3.8%
Adjudicated Cases*	(N=317)	(N=283)	(N=306)
Convicted on original 1192 charge	33.1%	37.5%	34.6%
Convicted on other 1192 charge	58.0%	59.0%	63.4%
Convicted on non-1192 charge	0.0%	0.0%	1.0%
Dismissed/Acquitted/Convicted on charge associated with different event	8.8%	3.5%	1.0%
* 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.

CORTLAND COUNTY

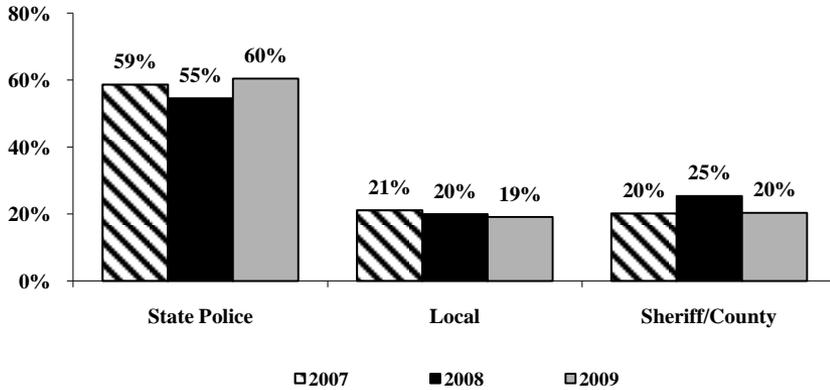
Probation Data for V&T 1192 and 511 Convictions

	2007	2008	2009
Number of Persons Sentenced to Probation	66	48	61
Number of Persons on Probation	165	162	152

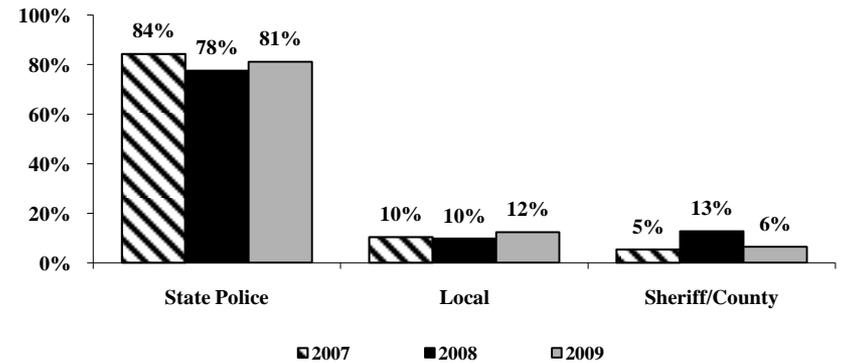
Source: NYS Division of Probation and Correctional Alternatives.

Cortland County Tickets Issued by TSLED Agencies By Agency Type

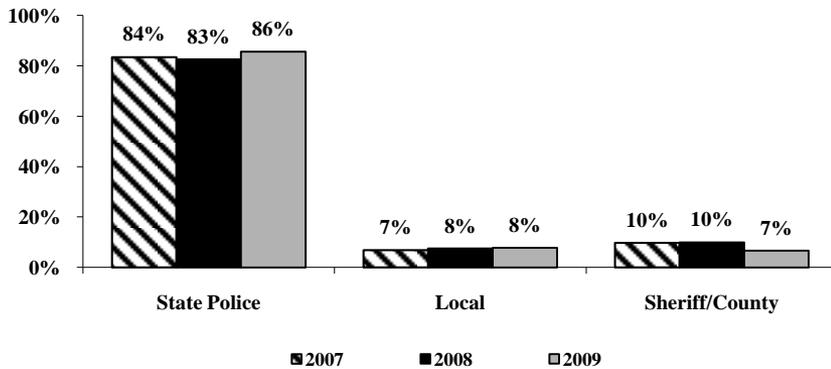
All Tickets



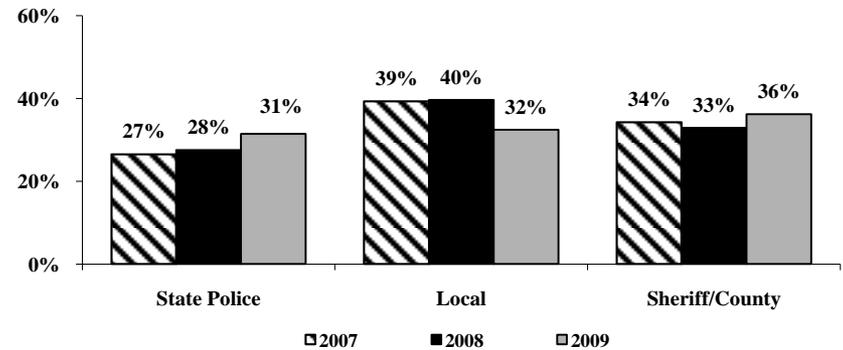
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CORTLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2007			2008			2009		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Cortland Sheriff NCIC 01100	alcohol	190	46.1	32.9	206	48.7	36.2	224	53.6	37.3
	speed	686	59.3	9.7	715	57.2	9.9	426	45.7	6.6
	seatbelt	82	34.5	5.4	137	57.1	12.7	73	34.0	6.4
Cortland City P.D. NCIC 01101	alcohol	201	48.8	34.8	193	45.6	33.9	183	43.8	30.4
	speed	242	20.9	3.4	261	20.9	3.6	125	13.4	1.9
	seatbelt	103	43.3	6.8	51	21.3	4.7	70	32.6	6.1
SUNY Cortland NCIC 01104	alcohol	3	0.7	0.5	10	2.4	1.8	3	0.7	0.5
	speed	52	4.5	0.7	53	4.2	0.7	35	3.8	0.5
	seatbelt	29	12.2	1.9	35	14.6	3.3	65	30.2	5.7
Homer P.D. NCIC 01120	alcohol	18	4.4	3.1	11	2.6	1.9	8	1.9	1.3
	speed	173	15.0	2.5	213	17.0	3.0	342	36.7	5.3
	seatbelt	21	8.8	1.4	14	5.8	1.3	5	2.3	0.4
Village of McGraw P.D. NCIC 01121	alcohol	0	0.0	0.0	3	0.7	0.5	0	0.0	0.0
	speed	3	0.3	<0.1	9	0.7	0.1	5	0.5	0.1
	seatbelt	3	1.3	0.2	3	1.3	0.3	2	0.9	0.2
Totals by Agency Type										
Sheriff and Local	alcohol	412		71.3	423		74.3	418		69.6
	speed	1,156		16.4	1,251		17.4	933		14.4
	seatbelt	238		15.6	240		22.3	215		18.8
State Police	alcohol	166		28.7	145		25.5	183		30.4
	speed	5,876		83.5	5,945		82.6	5,565		85.6
	seatbelt	1,283		84.3	833		77.5	931		81.2
Other <i>incl. Park Police</i>	alcohol	0		0.0	1		0.2	0		0.0
	speed	5		0.1	4		0.1	1		<0.1
	seatbelt	1		0.1	2		0.2	0		0.0
County Totals										
	alcohol	578			569			601		
	speed	7,037			7,200			6,499		
	seatbelt	1,522			1,075			1,146		

Source: NYS DMV

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