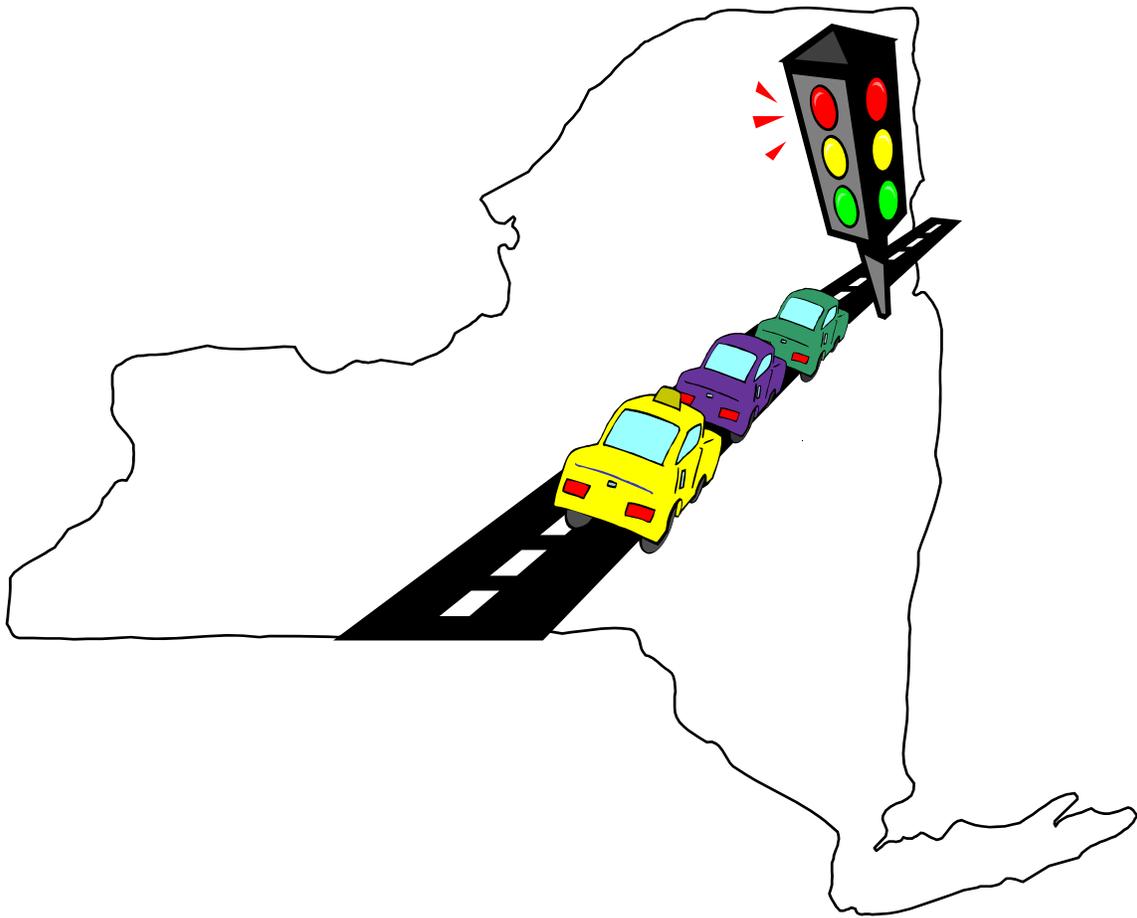


CORTLAND COUNTY

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 2015

COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2011-2013. Four summary reports provide detailed crash data for the three years 2011-2013. 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

**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

E-Mail: dmv.sm.safeny@dmv.ny.gov

TABLE OF CONTENTS

COUNTY DATA

	Section
Crash Data: 2011 - 2013	
General Crash Summary Report	1
Alcohol-Related Crash Summary Report	2
Speed-Related Crash Summary Report.....	3
Motorcycle Crash Summary Report.....	4
 Ticket Data: 2011 - 2013	
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 Crash Summary Report

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

TABLE 1 Crash Summary Totals

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	1,138	307,550	0.4	1,144	294,757	0.4	1,353	304,804	0.4
Fatal Crashes	1	1,077	0.1	5	1,082	0.5	3	1,109	0.3
Non-Fatal Personal Injury Crashes	280	128,036	0.2	289	123,296	0.2	299	124,505	0.2
Reportable Property Damage Crashes	857	178,437	0.5	850	170,379	0.5	1,051	179,190	0.6
Manner of Collision									
Single Vehicle Crashes	558	98,836	0.6	589	97,456	0.6	703	101,607	0.7
Multiple Vehicle Crashes	580	208,714	0.3	555	197,301	0.3	650	203,197	0.3
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	16	15,928	0.1	22	15,832	0.1	12	16,432	0.1
Bicycle/Motor Vehicle Crashes	14	6,076	0.2	11	6,137	0.2	11	6,328	0.2
Motorcycle Crashes	16	5,336	0.3	18	5,916	0.3	21	5,190	0.4
Fatalities									
Persons Killed (1)	1	1,153	0.1	5	1,163	0.4	9	1,188	0.8
Drivers Killed	1	597	0.2	3	612	0.5	2	625	0.3
Passengers Killed	0	203	0.0	0	194	0.0	7	178	3.9
Pedestrians Killed	0	296	0.0	2	312	0.6	0	344	0.0
Bicyclists Killed	0	57	0.0	0	45	0.0	0	40	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
Non-Fatal Injuries									
Persons Injured (1)	372	177,445	0.2	368	169,206	0.2	382	169,177	0.2
Drivers Injured	230	106,335	0.2	251	101,605	0.2	250	101,317	0.2
Passengers Injured	110	48,677	0.2	86	45,532	0.2	109	45,003	0.2
Pedestrians Injured	17	15,689	0.1	19	15,607	0.1	12	16,278	0.1
Bicyclists Injured	14	5,883	0.2	12	5,929	0.2	11	6,140	0.2
Other	1	861	0.1	0	533	0.0	0	439	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
Motor Vehicle Crashes
Cortland County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2011	2012	2013
Crash Rates			
Crash Rate per 10,000 Population	230.54	231.23	276.26
Crash Rate per 10,000 Licensed Drivers	358.38	362.38	426.09
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	75.56	75.39	78.84
Fatality & Injury Rate per 10,000 Licensed Drivers	117.47	118.15	123.13

TABLE 2 Day of Week/Time of Day: 2013						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,353	127	339	555	303	29
Sunday	163	25	36	59	35	8
Monday	206	15	50	89	48	4
Tuesday	219	21	55	103	38	2
Wednesday	179	19	49	67	41	3
Thursday	201	13	62	77	48	1
Friday	216	15	53	94	46	8
Saturday	169	19	34	66	47	3

TABLE 3(P) Police Investigating Agency						
	2011		2012		2013	
	#	%	#	%	#	%
Total	1,030	100.0	1,062	100.0	1,244	100.0
State Police	398	38.6	413	38.9	398	32.0
County Police	270	26.2	315	29.7	440	35.4
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	362	35.1	334	31.5	406	32.6
Unknown	0	0.0	0	0.0	0	0.0

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

Cortland County

TABLE 4 Jurisdictional Road System						
	2011		2012		2013	
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						
	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	1,650	100.0	1,651	100.0	1,935	100.0
Male	942	57.1	929	56.3	1,095	56.6
Female	658	39.9	678	41.1	786	40.6
Unknown	50	3.0	44	2.7	54	2.8
Age						
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	225	13.6	199	12.1	241	12.5
Ages 21-29	363	22.0	363	22.0	465	24.0
Ages 30-39	231	14.0	256	15.5	291	15.0
Ages 40-49	280	17.0	267	16.2	301	15.6
Ages 50-59	269	16.3	260	15.7	264	13.6
Ages 60-69	135	8.2	154	9.3	184	9.5
Ages 70 and Over	97	5.9	107	6.5	133	6.9
Unknown Age	50	3.0	45	2.7	56	2.9

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

	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	1,030		1,062		1,244	
Alcohol Involvement*	41	4.0	48	4.5	42	3.4
Backing Unsafely	83	8.1	88	8.3	118	9.5
Driver Inattention/Distraction	126	12.2	130	12.2	120	9.6
Driver Inexperience	13	1.3	17	1.6	20	1.6
Failure to Keep Right	29	2.8	37	3.5	38	3.1
Failure to Yield R.O.W.	156	15.1	153	14.4	164	13.2
Following Too Closely	137	13.3	167	15.7	185	14.9
Passing/Lane Violations	106	10.3	106	10.0	101	8.1
Traffic Control Disregarded	31	3.0	27	2.5	32	2.6
Turning Improperly	35	3.4	31	2.9	31	2.5
Unsafe Speed*	213	20.7	179	16.9	268	21.5

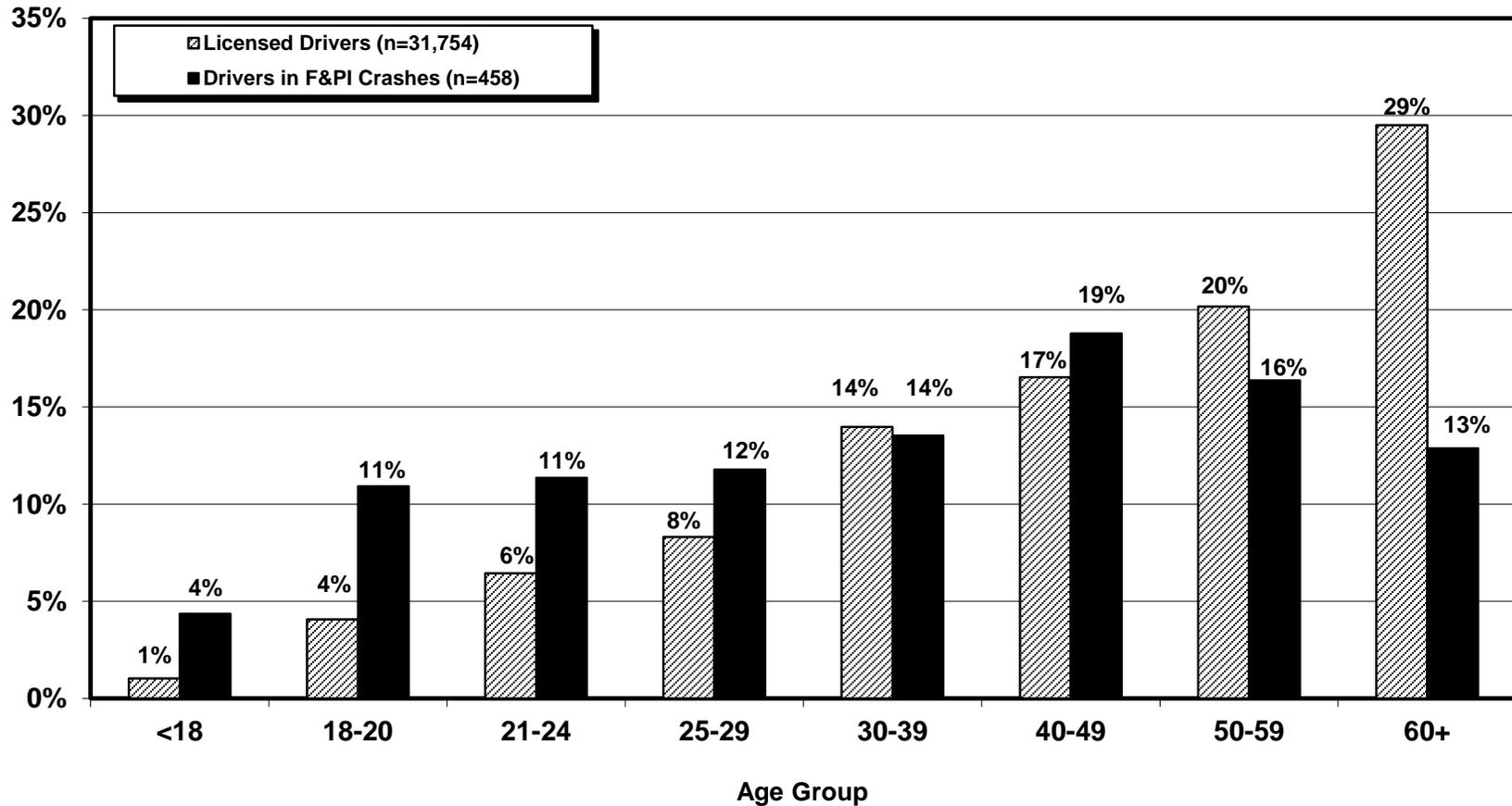
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	373	100.0	33	391	100.0	23
Under Age 4	8	2.1	1	2	0.5	0
Ages 4-6	5	1.3	1	12	3.1	1
Ages 7-15	14	3.8	3	18	4.6	1
Ages 16-17	13	3.5	1	14	3.6	0
Ages 18-20	43	11.5	3	49	12.5	3
Ages 21-29	65	17.4	6	81	20.7	5
Ages 30-39	47	12.6	4	59	15.1	4
Ages 40-49	52	13.9	3	58	14.8	1
Ages 50-59	60	16.1	6	56	14.3	4
Ages 60-69	30	8.0	2	26	6.6	2
Ages 70 and Over	35	9.4	2	13	3.3	2
Unknown Age	1	0.3	1	3	0.8	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	324	100.0	318	100.0	346	100.0
No Restraint Used	22	6.8	23	7.2	34	9.8
Restraint Used	298	92.0	293	92.1	304	87.9
Unknown	4	1.2	2	0.6	8	2.3
Motorcyclists	13	100.0	16	100.0	19	100.0
No Helmet Used	0	0.0	1	6.3	1	5.3
Helmet Used	13	100.0	15	93.8	18	94.7
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	13	100.0	12	100.0	11	100.0
No Helmet Used	8	61.5	8	66.7	9	81.8
Helmet Used	2	15.4	2	16.7	0	0.0
Unknown	3	23.1	2	16.7	2	18.2

FIGURE 1
Cortland County 2013
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. Seven drivers in fatal and personal injury crashes were excluded due to unknown age.

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

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction															
	Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2011			2012			2013		
							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	8	0.2	8	10	0.2	11	6	0.1	8
	Cortlandville	6,984	14.3	128.3	12.5	54.4	75	0.6	104	87	0.7	120	86	0.7	119
	Cuyler	1,048	2.1	63.0	6.1	16.6	2	<0.1	2	1	<0.1	2	3	<0.1	4
	Freetown	820	1.7	49.4	4.8	16.6	2	<0.1	2	0	na	na	3	0.1	4
	Harford	921	1.9	42.8	4.2	21.5	4	0.1	4	9	0.2	14	5	0.1	6
	Homer	3,095	6.3	110.6	10.8	28.0	23	0.2	30	20	0.2	26	31	0.3	39
	Lapeer	691	1.4	40.7	4.0	17.0	4	0.1	8	3	0.1	4	6	0.1	8
	Marathon	1,147	2.3	46.5	4.5	24.7	12	0.3	18	13	0.3	16	10	0.2	11
	Preble	1,584	3.2	56.9	5.5	27.8	11	0.2	12	8	0.1	9	9	0.2	10
	Scott	1,196	2.4	44.9	4.4	26.6	1	<0.1	1	7	0.2	7	6	0.1	7
	Solon	1,124	2.3	47.3	4.6	23.8	7	0.1	12	8	0.2	9	11	0.2	13
	Taylor	498	1.0	48.8	4.7	10.2	0	na	na	2	<0.1	3	4	0.1	4
	Truxton	1,257	2.6	65.9	6.4	19.1	6	0.1	9	8	0.1	8	6	0.1	13
	Virgil	2,487	5.1	103.1	10.0	24.1	19	0.2	24	23	0.2	28	12	0.1	14
Willet	1,016	2.1	47.9	4.7	21.2	2	<0.1	2	2	<0.1	2	4	0.1	4	
Villages	Homer	3,346	6.8	19.6	1.9	170.7	13	0.7	14	14	0.7	19	15	0.8	22
	McGraw	988	2.0	6.1	0.6	162.0	4	0.7	5	4	0.7	5	3	0.5	3
	Marathon	1,049	2.1	9.5	0.9	110.4	0	na	na	2	0.2	2	3	0.3	5
City	Cortland	18,713	38.2	50.4	4.9	371.3	88	1.7	118	70	1.4	84	79	1.6	97
Other	unknown	na	na	na	na	na	0	na	na	3	na	4	0	na	na
Cortland County Total							281	0.3	373	294	0.3	373	302	0.3	391
New York State		19,227,088		113342.8		169.6	129,113	1.1	178,598	124,378	1.1	170,369	125,614	1.1	170,365

Source: US Census Bureau redistricting data, 2004 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**

Cortland County

TABLE 1(P) Alcohol-Related (A-R) Crashes									
Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	42	8,461	0.5	52	8,633	0.6	48	8,368	0.6
Fatal Crashes	1	330	0.3	3	325	0.9	1	358	0.3
Non-Fatal Personal Injury Crashes	16	4,298	0.4	27	4,471	0.6	25	4,248	0.6
Reportable Property Damage Crashes	25	3,833	0.7	22	3,837	0.6	22	3,762	0.6
Manner of Collision									
Single Vehicle Crashes	27	4,646	0.6	34	4,725	0.7	30	4,690	0.6
Multiple Vehicle Crashes	15	3,815	0.4	18	3,908	0.5	18	3,678	0.5
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	2	460	0.4	4	495	0.8	0	495	0.0
A-R Bicycle/Motor Vehicle Crashes	0	105	0.0	1	118	0.8	2	127	1.6
A-R Motorcycle Crashes	1	204	0.5	3	215	1.4	2	182	1.1
Fatalities									
Persons Killed (1)	1	362	0.3	3	358	0.8	1	387	0.3
Drivers Killed	1	185	0.5	2	188	1.1	0	214	0.0
<i>Drinking Drivers</i>	1	170	0.6	1	171	0.6	0	201	0.0
<i>Non-Drinking Drivers</i>	0	15	0.0	1	17	5.9	0	13	0.0
Passengers Killed	0	73	0.0	0	62	0.0	1	62	1.6
Pedestrians Killed	0	91	0.0	1	99	1.0	0	98	0.0
Bicyclists Killed	0	13	0.0	0	9	0.0	0	13	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	21	6,121	0.3	34	6,303	0.5	31	6,019	0.5
Drivers Injured	15	3,874	0.4	24	4,011	0.6	22	3,754	0.6
Passengers Injured	4	1,726	0.2	7	1,741	0.4	7	1,729	0.4
Pedestrians Injured	2	382	0.5	2	404	0.5	0	400	0.0
Bicyclists Injured	0	91	0.0	1	105	1.0	2	110	1.8
Other	0	48	0.0	0	42	0.0	0	26	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
Cortland County**

TABLE 2(P) Day of Week/Time of Day: 2013						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	48	13	5	7	23	0
Sunday	9	4	1	1	3	0
Monday	6	0	0	1	5	0
Tuesday	2	1	0	0	1	0
Wednesday	4	1	1	2	0	0
Thursday	8	1	0	1	6	0
Friday	8	2	1	0	5	0
Saturday	11	4	2	2	3	0

TABLE 3(P) Driver Gender and Age						
	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	53	100.0	63	100.0	61	100.0
Male	40	75.5	46	73.0	50	82.0
<i>Drinking Drivers</i>	33	62.3	37	58.7	37	60.7
<i>Non-Drinking Drivers</i>	7	13.2	9	14.3	13	21.3
Female	12	22.6	17	27.0	10	16.4
<i>Drinking Drivers</i>	8	15.1	12	19.0	8	13.1
<i>Non-Drinking Drivers</i>	4	7.5	5	7.9	2	3.3
Unknown	1	1.9	0	0.0	1	1.6
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	1.9	0	0.0	1	1.6
Drinking Drivers	41	100.0	49	100.0	45	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	12.2	9	18.4	4	8.9
Ages 21-29	16	39.0	12	24.5	16	35.6
Ages 30-39	8	19.5	8	16.3	10	22.2
Ages 40-49	9	22.0	12	24.5	8	17.8
Ages 50-59	3	7.3	7	14.3	6	13.3
Age 60 and Over	0	0.0	1	2.0	1	2.2
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	12	100.0	14	100.0	16	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	8.3	1	7.1	1	6.3
Ages 21-29	2	16.7	2	14.3	6	37.5
Ages 30-39	1	8.3	0	0.0	3	18.8
Ages 40-49	2	16.7	3	21.4	3	18.8
Ages 50-59	4	33.3	4	28.6	1	6.3
Age 60 and Over	1	8.3	4	28.6	1	6.3
Unknown Age	1	8.3	0	0.0	1	6.3

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

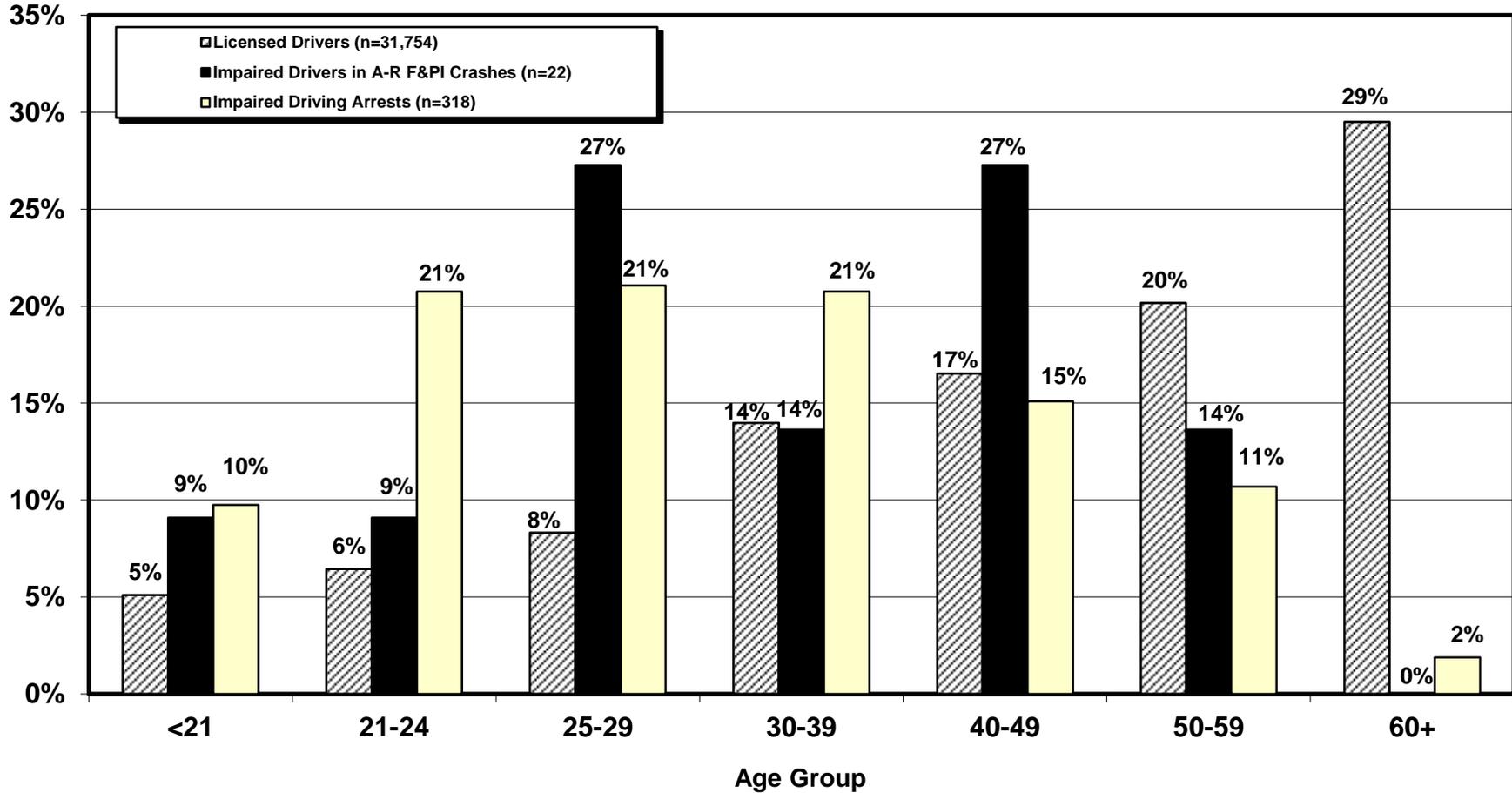
	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	42		52		48	
Driver Inattention/Distracted	3	7.1	2	3.8	1	2.1
Failure to Keep Right	3	7.1	5	9.6	7	14.6
Failure to Yield R.O.W.	1	2.4	3	5.8	3	6.3
Fell Asleep	1	2.4	0	0.0	0	0.0
Following Too Closely	6	14.3	3	5.8	4	8.3
Passing/Lane Violations	5	11.9	9	17.3	3	6.3
Traffic Control Disregarded	1	2.4	3	5.8	3	6.3
Unsafe Speed	13	31.0	11	21.2	13	27.1

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	37	100.0	4	32	100.0	2
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	0	0.0	0	1	3.1	0
Ages 16-17	2	5.4	0	1	3.1	0
Ages 18-20	7	18.9	1	1	3.1	0
Ages 21-29	6	16.2	1	10	31.3	0
Ages 30-39	6	16.2	1	6	18.8	1
Ages 40-49	8	21.6	0	8	25.0	0
Ages 50-59	6	16.2	1	3	9.4	1
Ages 60-69	2	5.4	0	2	6.3	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	19	100.0	30	100.0	28	100.0
No Restraint Used	5	26.3	11	36.7	8	28.6
Restraint Used	12	63.2	19	63.3	18	64.3
Unknown	2	10.5	0	0.0	2	7.1
Motorcyclists	1	100.0	3	100.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	3	100.0	2	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	2	100.0
No Helmet Used	0	0.0	1	100.0	1	50.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	1	50.0

FIGURE 1
Cortland County 2013
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**

Cortland County

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	218	28,147	0.8	187	26,630	0.7	276	29,178	0.9
Fatal Crashes	0	284	0.0	0	310	0.0	1	318	0.3
Non-Fatal Personal Injury Crashes	72	12,838	0.6	71	12,216	0.6	76	12,977	0.6
Reportable Property Damage Crashes	146	15,025	1.0	116	14,104	0.8	199	15,883	1.3
Manner of Collision									
Single Vehicle Crashes	174	16,379	1.1	143	15,812	0.9	230	17,164	1.3
Multiple Vehicle Crashes	44	11,768	0.4	44	10,818	0.4	46	12,014	0.4
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	1	488	0.2	1	465	0.2	0	453	0.0
S-R Bicycle/Motor Vehicle Crashes	0	133	0.0	0	113	0.0	0	161	0.0
S-R Motorcycle Crashes	1	808	0.1	3	876	0.3	4	791	0.5
Fatalities									
Persons Killed (1)	0	319	0.0	0	348	0.0	1	352	0.3
Drivers Killed	0	211	0.0	0	242	0.0	1	250	0.4
<i>Speeding Drivers</i>	0	195	0.0	0	215	0.0	1	237	0.4
<i>Non-Speeding Drivers</i>	0	16	0.0	0	27	0.0	0	13	0.0
Passengers Killed	0	91	0.0	0	77	0.0	0	79	0.0
Pedestrians Killed	0	17	0.0	0	27	0.0	0	23	0.0
Bicyclists Killed	0	0	0.0	0	2	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)	96	18,843	0.5	97	17,999	0.5	94	18,944	0.5
Drivers Injured	65	12,382	0.5	68	11,899	0.6	57	12,623	0.5
Passengers Injured	29	5,730	0.5	28	5,480	0.5	37	5,656	0.7
Pedestrians Injured	1	514	0.2	1	462	0.2	0	463	0.0
Bicyclists Injured	0	130	0.0	0	114	0.0	0	160	0.0
Other	1	87	1.1	0	44	0.0	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
Speed-Related Motor Vehicle Crashes**

Cortland County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	276	41	66	102	67	0
Sunday	41	8	8	19	6	0
Monday	55	3	14	19	19	0
Tuesday	60	7	15	27	11	0
Wednesday	27	7	8	7	5	0
Thursday	33	3	12	9	9	0
Friday	24	5	3	7	9	0
Saturday	36	8	6	14	8	0

	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	255	100.0	226	100.0	311	100.0
Male	156	61.2	148	65.5	199	64.0
<i>Speeding Drivers</i>	133	52.2	123	54.4	173	55.6
<i>Non-Speeding Drivers</i>	23	9.0	25	11.1	26	8.4
Female	97	38.0	75	33.2	107	34.4
<i>Speeding Drivers</i>	83	32.5	62	27.4	97	31.2
<i>Non-Speeding Drivers</i>	14	5.5	13	5.8	10	3.2
Unknown	2	0.8	3	1.3	5	1.6
<i>Speeding Drivers</i>	0	0.0	2	0.9	4	1.3
<i>Non-Speeding Drivers</i>	2	0.8	1	0.4	1	0.3
Speeding Drivers	216	100.0	187	100.0	274	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	45	20.8	40	21.4	57	20.8
Ages 21-29	78	36.1	51	27.3	101	36.9
Ages 30-39	20	9.3	31	16.6	37	13.5
Ages 40-49	35	16.2	24	12.8	33	12.0
Ages 50-59	24	11.1	20	10.7	29	10.6
Age 60 and Over	14	6.5	18	9.6	13	4.7
Unknown Age	0	0.0	3	1.6	4	1.5
Non-Speeding Drivers	39	100.0	39	100.0	37	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	12.8	2	5.1	1	2.7
Ages 21-29	9	23.1	7	17.9	11	29.7
Ages 30-39	9	23.1	8	20.5	7	18.9
Ages 40-49	3	7.7	6	15.4	1	2.7
Ages 50-59	6	15.4	11	28.2	7	18.9
Age 60 and Over	5	12.8	4	10.3	9	24.3
Unknown Age	2	5.1	1	2.6	1	2.7

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

	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	218		187		276	
Alcohol Involvement	14	6.4	13	7.0	17	6.2
Driver Inattention/Distraction	11	5.0	1	0.5	5	1.8
Driver Inexperience	3	1.4	4	2.1	6	2.2
Failure to Keep Right	5	2.3	7	3.7	9	3.3
Failure to Yield R.O.W.	4	1.8	5	2.7	2	0.7
Following Too Closely	9	4.1	11	5.9	7	2.5
Passing/Lane Violations	8	3.7	15	8.0	12	4.3
Traffic Control Disregarded	3	1.4	4	2.1	5	1.8

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	97	100.0	1	95	100.0	0
Under Age 4	1	1.0	0	2	2.1	0
Ages 4-6	0	0.0	0	1	1.1	0
Ages 7-15	7	7.2	0	5	5.3	0
Ages 16-17	6	6.2	0	7	7.4	0
Ages 18-20	18	18.6	1	15	15.8	0
Ages 21-29	20	20.6	0	22	23.2	0
Ages 30-39	11	11.3	0	12	12.6	0
Ages 40-49	14	14.4	0	15	15.8	0
Ages 50-59	13	13.4	0	10	10.5	0
Ages 60-69	6	6.2	0	3	3.2	0
Ages 70 and Over	1	1.0	0	3	3.2	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	93	100.0	92	100.0	91	100.0
No Restraint Used	10	10.8	12	13.0	14	15.4
Restraint Used	82	88.2	79	85.9	74	81.3
Unknown	1	1.1	1	1.1	3	3.3
Motorcyclists	1	100.0	4	100.0	4	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	4	100.0	4	100.0
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 Crash Summary Report

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

Cortland County

TABLE 1 Crash Summary Totals

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	16	5,336	0.3	18	5,916	0.3	21	5,190	0.4
Fatal Crashes	1	168	0.6	1	164	0.6	0	164	0.0
Non-Fatal Personal Injury Crashes	13	4,550	0.3	13	5,052	0.3	18	4,387	0.4
Reportable Property Damage Crashes	2	618	0.3	4	700	0.6	3	639	0.5
Manner of Collision									
Single Motorcycle Crashes	9	2,408	0.4	14	2,564	0.5	11	2,207	0.5
Multiple Vehicle Crashes	7	2,928	0.2	4	3,352	0.1	10	2,983	0.3
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	64	0.0	0	89	0.0	0	105	0.0
Motorcycle/Bicycle Crashes	0	27	0.0	0	38	0.0	1	36	2.8
Fatalities									
Persons Killed (1)	1	171	0.6	1	173	0.6	0	171	0.0
Drivers Killed	1	162	0.6	1	155	0.6	0	157	0.0
<i>Motorcycle Operators</i>	1	162	0.6	1	154	0.6	0	157	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	6	0.0	0	11	0.0	0	9	0.0
<i>Motorcycle Passengers</i>	0	6	0.0	0	10	0.0	0	8	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	6	0.0	0	5	0.0
Bicyclists Killed	0	0	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)	13	5,180	0.3	15	5,820	0.3	22	5,017	0.4
Drivers Injured	12	4,604	0.3	13	5,129	0.3	18	4,434	0.4
Passengers Injured	1	485	0.2	2	562	0.4	3	456	0.7
Pedestrians Injured	0	59	0.0	0	88	0.0	0	96	0.0
Bicyclists Injured	0	22	0.0	0	31	0.0	1	29	3.4
Other	0	10	0.0	0	10	0.0	0	2	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**

Cortland County

TABLE 2 Day of Week/Time of Day: 2013						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	21	1	3	10	7	0
Sunday	2	1	0	0	1	0
Monday	4	0	2	1	1	0
Tuesday	2	0	0	1	1	0
Wednesday	3	0	0	2	1	0
Thursday	2	0	1	1	0	0
Friday	2	0	0	1	1	0
Saturday	6	0	0	4	2	0

TABLE 3 Motorcycle Operator Gender and Age						
	2011		2012		2013	
	#	%	#	%	#	%
Total MC Operators	15	100.0	18	100.0	22	100.0
Male	14	93.3	17	94.4	20	90.9
Female	1	6.7	1	5.6	2	9.1
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	5	33.3	2	11.1	4	18.2
Ages 21-29	1	6.7	3	16.7	1	4.5
Ages 30-39	1	6.7	3	16.7	4	18.2
Ages 40-49	4	26.7	3	16.7	2	9.1
Ages 50-59	2	13.3	7	38.9	10	45.5
Ages 60 and Over	2	13.3	0	0.0	1	4.5
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors						
	2011		2012		2013	
	#	%	#	%	#	%
Total MC Crashes	14		18		20	
Alcohol Involvement	1	7.1	2	11.1	2	10.0
Driver Inattention/Distraction	0	0.0	1	5.6	1	5.0
Driver Inexperience	2	14.3	1	5.6	1	5.0
Failure to Keep Right	1	7.1	0	0.0	3	15.0
Failure to Yield R.O.W.	3	21.4	2	11.1	3	15.0
Following Too Closely	2	14.3	3	16.7	4	20.0
Passing/Lane Violations	2	14.3	1	5.6	3	15.0
Traffic Control Disregarded	1	7.1	0	0.0	0	0.0
Turning Improperly	1	7.1	1	5.6	0	0.0
Unsafe Speed	1	7.1	2	11.1	4	20.0

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2011		2012		2013	
	#	%	#	%	#	%
Age Group	13	100.0	16	100.0	19	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	0	0.0
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	5	38.5	1	6.3	4	21.1
Ages 21-29	0	0.0	2	12.5	3	15.8
Ages 30-39	1	7.7	4	25.0	3	15.8
Ages 40-49	3	23.1	3	18.8	2	10.5
Ages 50-59	2	15.4	6	37.5	6	31.6
Ages 60-69	2	15.4	0	0.0	1	5.3
Ages 70 and Over	0	0.0	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						
	2011		2012		2013	
	#	%	#	%	#	%
Motorcyclists	13	100.0	16	100.0	19	100.0
No Helmet Used	0	0.0	1	6.3	1	5.3
Helmet Used	13	100.0	15	93.8	18	94.7
Unknown	0	0.0	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2009	2,000	0.6	4,153	0.6
2010	2,028	0.6	4,174	0.6
2011	2,021	0.6	4,134	0.6
2012	1,995	0.6	4,119	0.6
2013	2,024	0.6	4,240	0.6

SECTION 5

Ticket Data

CORTLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2011	2012	2013
TOTAL TICKETS ISSUED	19,004	15,843	16,257
SPEED (V&T 1180)	6,622	5,239	5,827
% of total tickets	34.8%	33.1%	35.8%
% convicted on same charge (of adjudicated cases)	57.0%	57.8%	52.7%
SAFETY RESTRAINTS (V&T 1229c)	908	681	504
% of total tickets	4.8%	4.3%	3.1%
% convicted on same charge (of adjudicated cases)	82.7%	80.7%	80.4%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>68</i>	<i>114</i>	<i>63</i>
IMPAIRED DRIVING (V&T 1192)	631	577	556
% of total tickets	3.3%	3.6%	3.4%
Persons Arrested for Impaired Driving	(N=349)	(N=325)	(N=318)
Case adjudicated	94.0%	90.5%	91.2%
Case pending	6.0%	9.5%	8.8%
Adjudicated Cases*	(N=328)	(N=294)	(N=290)
Convicted on original 1192 charge	29.0%	29.9%	27.9%
Convicted on other 1192 charge	64.0%	62.2%	65.2%
Convicted on non-1192 charge	0.6%	1.7%	2.1%
Dismissed/Acquitted/Convicted on charge associated with different event	6.4%	6.1%	4.8%
* 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: NYSDMV TSLED ticket system.

CORTLAND COUNTY

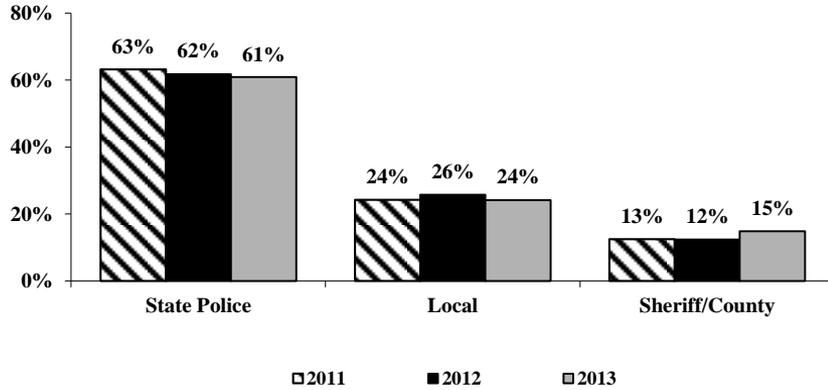
Probation Data for V&T 1192 and 511 Convictions

	2011	2012	2013
Number of Persons Sentenced to Probation	42	48	47
Number of Persons on Probation	125	131	146

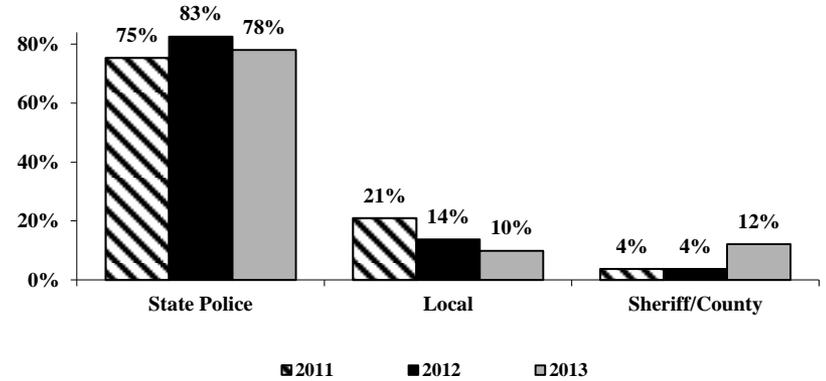
Source: NYS Office of Probation and Correctional Alternatives.

Cortland County Tickets Issued by TSLED Agencies By Agency Type

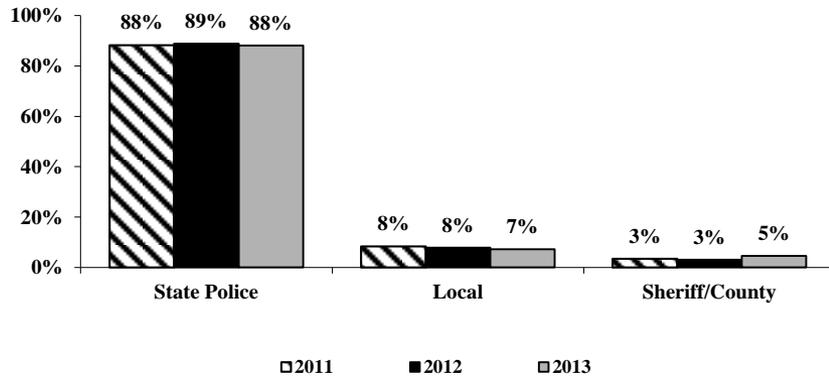
All Tickets



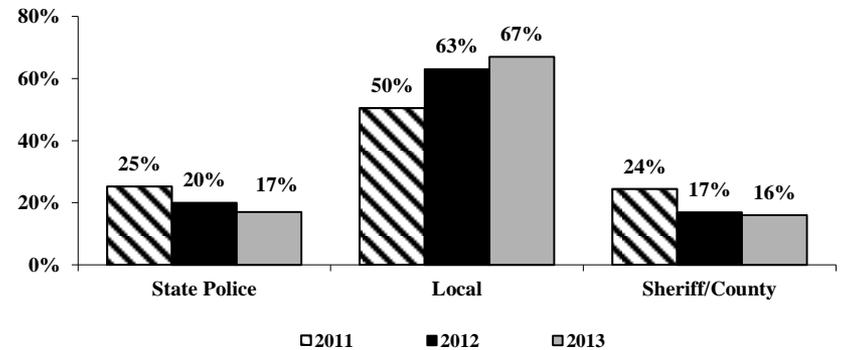
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CORTLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2011			2012			2013		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Cortland Sheriff NCIC 01100	alcohol	157	33.5	24.9	98	21.2	17.0	89	19.0	16.0
	speed	226	29.1	3.4	171	29.4	3.3	270	39.0	4.6
	seatbelt	34	15.2	3.7	25	21.0	3.7	61	55.0	12.1
Cortland City P.D. NCIC 01101	alcohol	281	59.9	44.5	342	74.0	59.3	329	70.3	59.2
	speed	203	26.2	3.1	145	25.0	2.8	185	26.7	3.2
	seatbelt	102	45.5	11.2	56	47.1	8.2	23	20.7	4.6
SUNY Cortland NCIC 01104	alcohol	13	2.8	2.1	21	4.5	3.6	31	6.6	5.6
	speed	55	7.1	0.8	47	8.1	0.9	29	4.2	0.5
	seatbelt	65	29.0	7.2	16	13.4	2.3	16	14.4	3.2
Homer P.D. NCIC 01120	alcohol	18	3.8	2.9	1	0.2	0.2	19	4.1	3.4
	speed	292	37.6	4.4	218	37.5	4.2	208	30.1	3.6
	seatbelt	23	10.3	2.5	22	18.5	3.2	11	9.9	2.2
Village of McGraw P.D. NCIC 01121	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	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
Totals by Agency Type										
Sheriff and Local	alcohol	469		74.3	462		80.1	468		84.2
	speed	776		11.7	581		11.1	692		11.9
	seatbelt	224		24.7	119		17.5	111		22.0
State Police	alcohol	162		25.7	115		19.9	88		15.8
	speed	5,846		88.3	4,658		88.9	5,135		88.1
	seatbelt	684		75.3	562		82.5	393		78.0
Other <i>incl. Park Police</i>	alcohol	0		0.0	0		0.0	0		0.0
	speed	0		0.0	0		0.0	0		0.0
	seatbelt	0		0.0	0		0.0	0		0.0
County Totals										
	alcohol	631			577			556		
	speed	6,622			5,239			5,827		
	seatbelt	908			681			504		

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