

CORTLAND 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 2009-2011. Four summary reports provide detailed crash data for the three years 2009-2011. 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
Cortland County

TABLE 1 Crash Summary Totals

Category Totals	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	1,267	314,974	0.4	1,235	315,377	0.4	1,138	307,550	0.4
Fatal Crashes	2	1,060	0.2	2	1,119	0.2	1	1,077	0.1
Non-Fatal Personal Injury Crashes	305	133,888	0.2	299	134,151	0.2	280	128,036	0.2
Reportable Property Damage Crashes	960	180,026	0.5	934	180,107	0.5	857	178,437	0.5
Manner of Collision									
Single Vehicle Crashes	700	101,080	0.7	654	101,471	0.6	558	98,836	0.6
Multiple Vehicle Crashes	567	213,894	0.3	581	213,906	0.3	580	208,714	0.3
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	12	15,682	0.1	14	16,357	0.1	16	15,928	0.1
Bicycle/Motor Vehicle Crashes	9	5,620	0.2	15	6,276	0.2	14	6,076	0.2
Motorcycle Crashes	10	5,150	0.2	19	5,570	0.3	16	5,336	0.3
Fatalities									
Persons Killed (1)	2	1,148	0.2	2	1,192	0.2	1	1,153	0.1
Drivers Killed	2	603	0.3	2	646	0.3	1	597	0.2
Passengers Killed	0	209	0.0	0	198	0.0	0	203	0.0
Pedestrians Killed	0	307	0.0	0	311	0.0	0	296	0.0
Bicyclists Killed	0	29	0.0	0	36	0.0	0	57	0.0
Other	0	0	0.0	0	1	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	410	186,034	0.2	398	187,566	0.2	372	177,445	0.2
Drivers Injured	249	112,855	0.2	257	112,104	0.2	230	106,335	0.2
Passengers Injured	137	51,499	0.3	112	52,421	0.2	110	48,677	0.2
Pedestrians Injured	13	15,321	0.1	13	16,090	0.1	17	15,689	0.1
Bicyclists Injured	9	5,405	0.2	15	6,058	0.2	14	5,883	0.2
Other	2	954	0.2	1	893	0.1	1	861	0.1

(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			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	263.98	250.32	230.54
Crash Rate per 10,000 Licensed Drivers	388.00	382.60	358.38
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	85.84	81.08	75.56
Fatality & Injury Rate per 10,000 Licensed Drivers	126.17	123.92	117.47

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,138	98	281	455	272	32
Sunday	138	17	19	53	45	4
Monday	150	18	48	48	29	7
Tuesday	146	11	30	70	33	2
Wednesday	156	10	37	63	43	3
Thursday	145	12	37	62	28	6
Friday	226	13	70	89	47	7
Saturday	177	17	40	70	47	3

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	1,143	100.0	1,136	100.0	1,030	100.0
State Police	518	45.3	512	45.1	398	38.6
County Police	343	30.0	297	26.1	270	26.2
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	282	24.7	327	28.8	362	35.1
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						
	2009		2010		2011	
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						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	1,806	100.0	1,736	100.0	1,650	100.0
Male	996	55.1	971	55.9	942	57.1
Female	759	42.0	712	41.0	658	39.9
Unknown	51	2.8	53	3.1	50	3.0
Age						
Under Age 16	0	0.0	2	0.1	0	0.0
Ages 16-20	269	14.9	242	13.9	225	13.6
Ages 21-29	413	22.9	406	23.4	363	22.0
Ages 30-39	273	15.1	254	14.6	231	14.0
Ages 40-49	280	15.5	271	15.6	280	17.0
Ages 50-59	250	13.8	261	15.0	269	16.3
Ages 60-69	159	8.8	146	8.4	135	8.2
Ages 70 and Over	108	6.0	100	5.8	97	5.9
Unknown Age	54	3.0	54	3.1	50	3.0

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	1,143		1,136		1,030	
Alcohol Involvement*	34	3.0	41	3.6	41	4.0
Backing Unsafely	70	6.1	91	8.0	83	8.1
Driver Inattention/Distracted	147	12.9	124	10.9	126	12.2
Driver Inexperience	15	1.3	27	2.4	13	1.3
Failure to Keep Right	39	3.4	37	3.3	29	2.8
Failure to Yield R.O.W.	102	8.9	131	11.5	156	15.1
Following Too Closely	159	13.9	153	13.5	137	13.3
Passing/Lane Violations	85	7.4	94	8.3	106	10.3
Traffic Control Disregarded	26	2.3	31	2.7	31	3.0
Turning Improperly	23	2.0	25	2.2	35	3.4
Unsafe Speed*	266	23.3	231	20.3	213	20.7

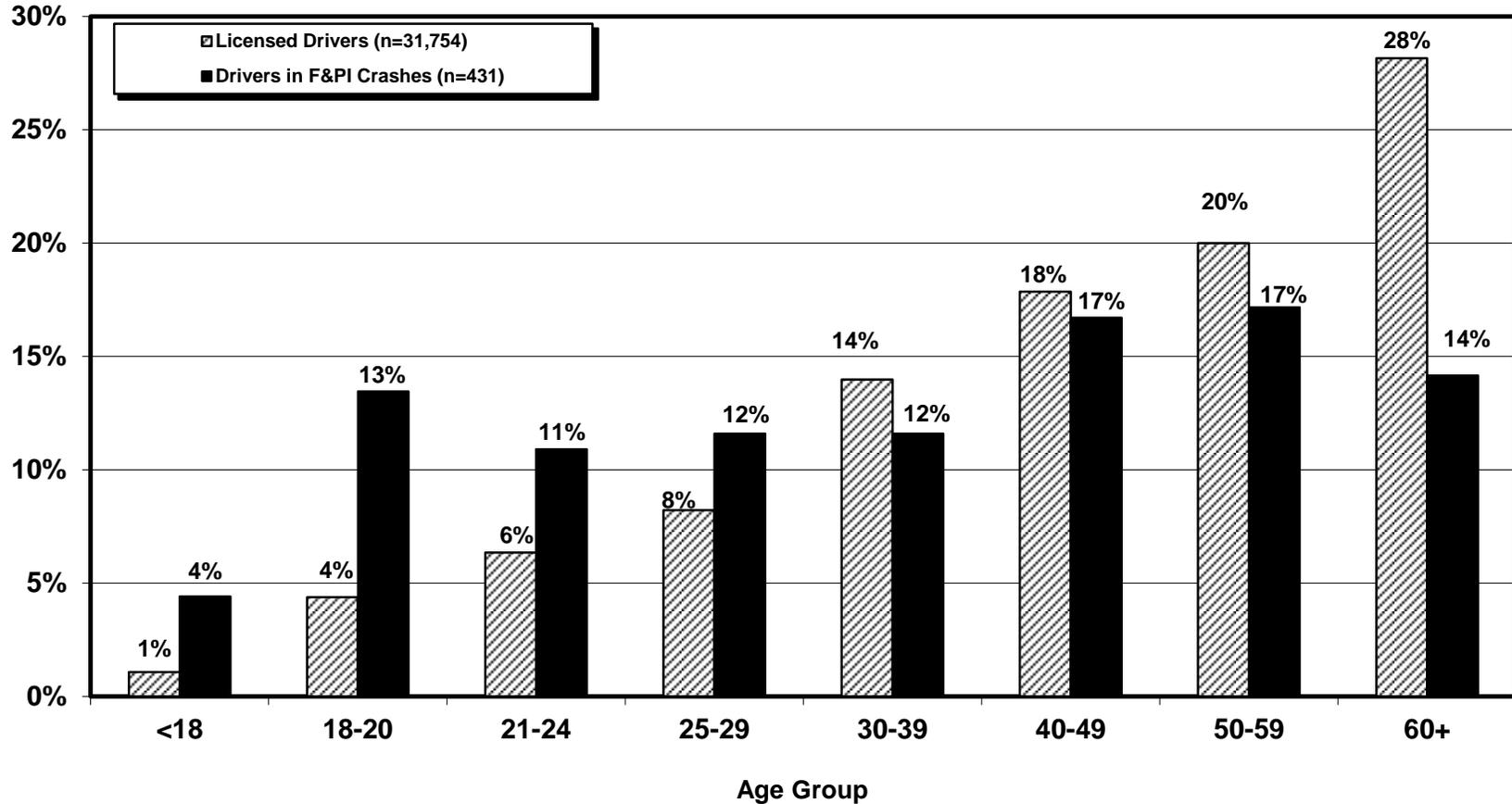
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	400	100.0	28	373	100.0	31
Under Age 4	5	1.3	1	10	2.7	2
Ages 4-6	7	1.8	0	3	0.8	1
Ages 7-15	27	6.8	6	19	5.1	2
Ages 16-17	16	4.0	1	23	6.2	1
Ages 18-20	56	14.0	3	45	12.1	5
Ages 21-29	88	22.0	8	76	20.4	8
Ages 30-39	51	12.8	0	40	10.7	3
Ages 40-49	51	12.8	1	54	14.5	3
Ages 50-59	48	12.0	5	60	16.1	2
Ages 60-69	25	6.3	0	20	5.4	1
Ages 70 and Over	24	6.0	3	22	5.9	2
Unknown Age	2	0.5	0	1	0.3	1

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	374	100.0	346	100.0	324	100.0
No Restraint Used	29	7.8	28	8.1	22	6.8
Restraint Used	339	90.6	315	91.0	298	92.0
Unknown	6	1.6	3	0.9	4	1.2
Motorcyclists	9	100.0	19	100.0	13	100.0
No Helmet Used	0	0.0	1	5.3	0	0.0
Helmet Used	9	100.0	18	94.7	13	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	9	100.0	15	100.0	13	100.0
No Helmet Used	6	66.7	8	53.3	8	61.5
Helmet Used	2	22.2	3	20.0	2	15.4
Unknown	1	11.1	4	26.7	3	23.1

FIGURE 1
Cortland County 2011
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. Eleven 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	2009			2010			2011		
							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	10	0.2	11	12	0.3	15	8	0.2	8
	Cortlandville	6,984	14.3	128.3	12.5	54.4	80	0.6	106	84	0.7	111	75	0.6	104
	Cuyler	1,048	2.1	63.0	6.1	16.6	3	<0.1	3	4	0.1	4	2	<0.1	2
	Freetown	820	1.7	49.4	4.8	16.6	2	<0.1	2	2	<0.1	2	2	<0.1	2
	Harford	921	1.9	42.8	4.2	21.5	6	0.1	7	5	0.1	9	4	0.1	4
	Homer	3,095	6.3	110.6	10.8	28.0	29	0.3	47	38	0.3	53	23	0.2	30
	Lapeer	691	1.4	40.7	4.0	17.0	4	0.1	5	1	<0.1	1	4	0.1	8
	Marathon	1,147	2.3	46.5	4.5	24.7	5	0.1	6	11	0.2	23	12	0.3	18
	Preble	1,584	3.2	56.9	5.5	27.8	12	0.2	20	15	0.3	19	11	0.2	12
	Scott	1,196	2.4	44.9	4.4	26.6	4	0.1	4	4	0.1	4	1	<0.1	1
	Solon	1,124	2.3	47.3	4.6	23.8	6	0.1	6	7	0.1	7	7	0.1	12
	Taylor	498	1.0	48.8	4.7	10.2	4	0.1	6	6	0.1	6	0	na	na
	Truxton	1,257	2.6	65.9	6.4	19.1	8	0.1	15	5	0.1	7	6	0.1	9
	Virgil	2,487	5.1	103.1	10.0	24.1	29	0.3	41	13	0.1	17	19	0.2	24
	Willet	1,016	2.1	47.9	4.7	21.2	2	<0.1	2	2	<0.1	2	2	<0.1	2
Villages	Homer	3,346	6.8	19.6	1.9	170.7	14	0.7	17	10	0.5	14	13	0.7	14
	McGraw	988	2.0	6.1	0.6	162.0	4	0.7	5	5	0.8	5	4	0.7	5
	Marathon	1,049	2.1	9.5	0.9	110.4	1	0.1	1	3	0.3	4	0	na	na
City	Cortland	18,713	38.2	50.4	4.9	371.3	83	1.6	107	74	1.5	97	88	1.7	118
Other	unknown	na	na	na	na	na	1	na	1	0	na	na	0	na	na
Cortland County Total							307	0.3	412	301	0.3	400	281	0.3	373
New York State		19,227,088		113342.8		169.6	134,948	1.2	187,182	135,270	1.2	188,758	129,113	1.1	178,598

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	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	34	8,873	0.4	41	8,613	0.5	42	8,461	0.5
Fatal Crashes	0	329	0.0	1	327	0.3	1	330	0.3
Non-Fatal Personal Injury Crashes	17	4,676	0.4	18	4,445	0.4	16	4,298	0.4
Reportable Property Damage Crashes	17	3,868	0.4	22	3,841	0.6	25	3,833	0.7
Manner of Collision									
Single Vehicle Crashes	21	4,843	0.4	30	4,798	0.6	27	4,646	0.6
Multiple Vehicle Crashes	13	4,030	0.3	11	3,815	0.3	15	3,815	0.4
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	1	432	0.2	2	408	0.5	2	460	0.4
A-R Bicycle/Motor Vehicle Crashes	0	118	0.0	0	100	0.0	0	105	0.0
A-R Motorcycle Crashes	0	191	0.0	2	227	0.9	1	204	0.5
Fatalities									
Persons Killed (1)	0	361	0.0	1	354	0.3	1	362	0.3
Drivers Killed	0	198	0.0	1	206	0.5	1	185	0.5
<i>Drinking Drivers</i>	0	175	0.0	1	191	0.5	1	170	0.6
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	0	64	0.0	0	64	0.0	0	73	0.0
Pedestrians Killed	0	91	0.0	0	79	0.0	0	91	0.0
Bicyclists Killed	0	8	0.0	0	5	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)	22	6,810	0.3	26	6,337	0.4	21	6,121	0.3
Drivers Injured	18	4,321	0.4	14	4,031	0.3	15	3,874	0.4
Passengers Injured	3	1,959	0.2	10	1,815	0.6	4	1,726	0.2
Pedestrians Injured	1	369	0.3	2	344	0.6	2	382	0.5
Bicyclists Injured	0	107	0.0	0	95	0.0	0	91	0.0
Other	0	54	0.0	0	52	0.0	0	48	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: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	42	21	2	5	14	0
Sunday	9	7	0	1	1	0
Monday	3	1	0	0	2	0
Tuesday	3	0	1	2	0	0
Wednesday	5	3	0	0	2	0
Thursday	4	2	0	1	1	0
Friday	7	2	0	1	4	0
Saturday	11	6	1	0	4	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	45	100.0	50	100.0	53	100.0
Male	34	75.6	36	72.0	40	75.5
<i>Drinking Drivers</i>	25	55.6	29	58.0	33	62.3
<i>Non-Drinking Drivers</i>	9	20.0	7	14.0	7	13.2
Female	10	22.2	14	28.0	12	22.6
<i>Drinking Drivers</i>	8	17.8	11	22.0	8	15.1
<i>Non-Drinking Drivers</i>	2	4.4	3	6.0	4	7.5
Unknown	1	2.2	0	0.0	1	1.9
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	2.2	0	0.0	1	1.9
Drinking Drivers	33	100.0	40	100.0	41	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	9.1	10	25.0	5	12.2
Ages 21-29	15	45.5	13	32.5	16	39.0
Ages 30-39	4	12.1	7	17.5	8	19.5
Ages 40-49	7	21.2	6	15.0	9	22.0
Ages 50-59	4	12.1	3	7.5	3	7.3
Age 60 and Over	0	0.0	1	2.5	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	12	100.0	10	100.0	12	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	16.7	1	10.0	1	8.3
Ages 21-29	2	16.7	2	20.0	2	16.7
Ages 30-39	2	16.7	2	20.0	1	8.3
Ages 40-49	2	16.7	1	10.0	2	16.7
Ages 50-59	0	0.0	1	10.0	4	33.3
Age 60 and Over	3	25.0	3	30.0	1	8.3
Unknown Age	1	8.3	0	0.0	1	8.3

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

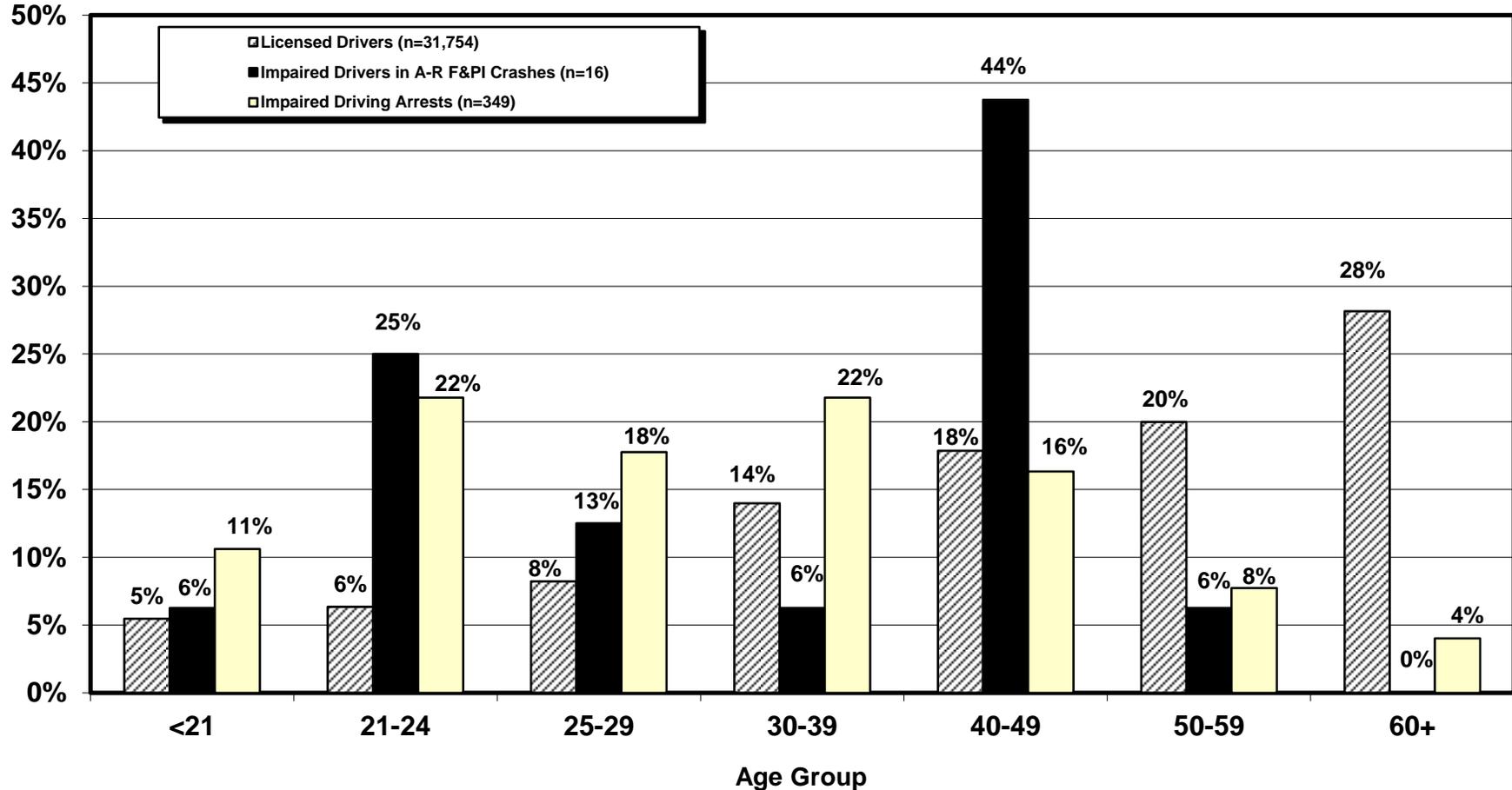
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	34		41		42	
Driver Inattention/Distracted	4	11.8	1	2.4	3	7.1
Failure to Keep Right	3	8.8	7	17.1	3	7.1
Failure to Yield R.O.W.	2	5.9	3	7.3	1	2.4
Fell Asleep	0	0.0	2	4.9	1	2.4
Following Too Closely	2	5.9	2	4.9	6	14.3
Passing/Lane Violations	3	8.8	3	7.3	5	11.9
Traffic Control Disregarded	1	2.9	2	4.9	1	2.4
Unsafe Speed	8	23.5	10	24.4	13	31.0

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	27	100.0	2	22	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	4	14.8	0	0	0.0	0
Ages 16-17	0	0.0	0	0	0.0	0
Ages 18-20	5	18.5	0	1	4.5	0
Ages 21-29	7	25.9	1	12	54.5	1
Ages 30-39	5	18.5	0	1	4.5	0
Ages 40-49	1	3.7	0	8	36.4	1
Ages 50-59	2	7.4	1	0	0.0	0
Ages 60-69	3	11.1	0	0	0.0	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	21	100.0	22	100.0	19	100.0
No Restraint Used	3	14.3	7	31.8	5	26.3
Restraint Used	17	81.0	15	68.2	12	63.2
Unknown	1	4.8	0	0.0	2	10.5
Motorcyclists	0	0.0	3	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	3	100.0	1	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

FIGURE 1
Cortland County 2011
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	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	270	28,877	0.9	233	28,168	0.8	218	28,147	0.8
Fatal Crashes	0	314	0.0	0	289	0.0	0	284	0.0
Non-Fatal Personal Injury Crashes	71	13,202	0.5	76	12,846	0.6	72	12,838	0.6
Reportable Property Damage Crashes	199	15,361	1.3	157	15,033	1.0	146	15,025	1.0
Manner of Collision									
Single Vehicle Crashes	230	17,351	1.3	201	16,991	1.2	174	16,379	1.1
Multiple Vehicle Crashes	40	11,526	0.3	32	11,177	0.3	44	11,768	0.4
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	0	382	0.0	0	411	0.0	1	488	0.2
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	1	130	0.8	0	133	0.0
S-R Motorcycle Crashes	0	755	0.0	4	846	0.5	1	808	0.1
Fatalities									
Persons Killed (1)	0	357	0.0	0	319	0.0	0	319	0.0
Drivers Killed	0	237	0.0	0	231	0.0	0	211	0.0
<i>Speeding Drivers</i>	0	211	0.0	0	220	0.0	0	195	0.0
<i>Non-Speeding Drivers</i>	0	26	0.0	0	11	0.0	0	16	0.0
Passengers Killed	0	87	0.0	0	70	0.0	0	91	0.0
Pedestrians Killed	0	31	0.0	0	16	0.0	0	17	0.0
Bicyclists Killed	0	2	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)	93	19,326	0.5	101	18,910	0.5	96	18,843	0.5
Drivers Injured	57	12,890	0.4	71	12,556	0.6	65	12,382	0.5
Passengers Injured	35	5,853	0.6	29	5,723	0.5	29	5,730	0.5
Pedestrians Injured	0	386	0.0	0	422	0.0	1	514	0.2
Bicyclists Injured	0	121	0.0	1	128	0.8	0	130	0.0
Other	1	76	1.3	0	81	0.0	1	87	1.1

(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	218	26	58	77	57	0
Sunday	34	6	5	13	10	0
Monday	24	4	11	2	7	0
Tuesday	19	4	4	5	6	0
Wednesday	30	2	8	11	9	0
Thursday	15	1	3	7	4	0
Friday	46	4	17	14	11	0
Saturday	50	5	10	25	10	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	312	100.0	264	100.0	255	100.0
Male	209	67.0	159	60.2	156	61.2
<i>Speeding Drivers</i>	180	57.7	134	50.8	133	52.2
<i>Non-Speeding Drivers</i>	29	9.3	25	9.5	23	9.0
Female	103	33.0	103	39.0	97	38.0
<i>Speeding Drivers</i>	96	30.8	99	37.5	83	32.5
<i>Non-Speeding Drivers</i>	7	2.2	4	1.5	14	5.5
Unknown	0	0.0	2	0.8	2	0.8
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	0	0.0	2	0.8	2	0.8
Speeding Drivers	276	100.0	233	100.0	216	100.0
Under Age 16	0	0.0	1	0.4	0	0.0
Ages 16-20	53	19.2	51	21.9	45	20.8
Ages 21-29	99	35.9	87	37.3	78	36.1
Ages 30-39	49	17.8	30	12.9	20	9.3
Ages 40-49	32	11.6	24	10.3	35	16.2
Ages 50-59	30	10.9	20	8.6	24	11.1
Age 60 and Over	13	4.7	20	8.6	14	6.5
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Speeding Drivers	36	100.0	31	100.0	39	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	0	0.0	5	12.8
Ages 21-29	10	27.8	4	12.9	9	23.1
Ages 30-39	7	19.4	8	25.8	9	23.1
Ages 40-49	5	13.9	9	29.0	3	7.7
Ages 50-59	8	22.2	4	12.9	6	15.4
Age 60 and Over	6	16.7	4	12.9	5	12.8
Unknown Age	0	0.0	2	6.5	2	5.1

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	270		233		218	
Alcohol Involvement	10	3.7	11	4.7	14	6.4
Driver Inattention/Distracted	4	1.5	2	0.9	11	5.0
Driver Inexperience	6	2.2	2	0.9	3	1.4
Failure to Keep Right	7	2.6	4	1.7	5	2.3
Failure to Yield R.O.W.	1	0.4	1	0.4	4	1.8
Following Too Closely	3	1.1	5	2.1	9	4.1
Passing/Lane Violations	7	2.6	7	3.0	8	3.7
Traffic Control Disregarded	1	0.4	3	1.3	3	1.4

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	101	100.0	1	96	100.0	1
Under Age 4	0	0.0	0	1	1.0	0
Ages 4-6	3	3.0	0	0	0.0	0
Ages 7-15	5	5.0	0	4	4.2	0
Ages 16-17	11	10.9	0	11	11.5	0
Ages 18-20	24	23.8	1	17	17.7	1
Ages 21-29	19	18.8	0	29	30.2	0
Ages 30-39	10	9.9	0	6	6.3	0
Ages 40-49	14	13.9	0	8	8.3	0
Ages 50-59	7	6.9	0	10	10.4	0
Ages 60-69	6	5.9	0	6	6.3	0
Ages 70 and Over	2	2.0	0	4	4.2	0
Unknown Age	0	0.0	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	92	100.0	95	100.0	93	100.0
No Restraint Used	10	10.9	4	4.2	10	10.8
Restraint Used	80	87.0	90	94.7	82	88.2
Unknown	2	2.2	1	1.1	1	1.1
Motorcyclists	0	0.0	5	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	5	100.0	1	100.0
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**

Cortland County

TABLE 1 Crash Summary Totals

Category Totals	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	10	5,150	0.2	19	5,570	0.3	16	5,336	0.3
Fatal Crashes	0	152	0.0	0	180	0.0	1	168	0.6
Non-Fatal Personal Injury Crashes	8	4,347	0.2	17	4,757	0.4	13	4,550	0.3
Reportable Property Damage Crashes	2	651	0.3	2	633	0.3	2	618	0.3
Manner of Collision									
Single Motorcycle Crashes	7	2,270	0.3	11	2,426	0.5	9	2,408	0.4
Multiple Vehicle Crashes	3	2,880	0.1	8	3,144	0.3	7	2,928	0.2
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	63	0.0	1	79	1.3	0	64	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	0	28	0.0	0	27	0.0
Fatalities									
Persons Killed (1)	0	155	0.0	0	185	0.0	1	171	0.6
Drivers Killed	0	146	0.0	0	173	0.0	1	162	0.6
<i>Motorcycle Operators</i>	0	146	0.0	0	172	0.0	1	162	0.6
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	5	0.0	0	11	0.0	0	6	0.0
<i>Motorcycle Passengers</i>	0	5	0.0	0	11	0.0	0	6	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	1	0.0	0	3	0.0
Bicyclists Killed	0	1	0.0	0	0	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)	9	5,042	0.2	20	5,468	0.4	13	5,180	0.3
Drivers Injured	8	4,444	0.2	17	4,819	0.4	12	4,604	0.3
Passengers Injured	1	505	0.2	3	520	0.6	1	485	0.2
Pedestrians Injured	0	61	0.0	0	85	0.0	0	59	0.0
Bicyclists Injured	0	24	0.0	0	27	0.0	0	22	0.0
Other	0	8	0.0	0	17	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**

Cortland County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	16	1	3	7	3	2
Sunday	3	0	0	1	0	2
Monday	0	0	0	0	0	0
Tuesday	2	0	0	2	0	0
Wednesday	2	0	1	1	0	0
Thursday	1	0	1	0	0	0
Friday	1	1	0	0	0	0
Saturday	7	0	1	3	3	0

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	10	100.0	18	100.0	15	100.0
Male	7	70.0	17	94.4	14	93.3
Female	3	30.0	1	5.6	1	6.7
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	1	10.0	1	5.6	5	33.3
Ages 21-29	5	50.0	4	22.2	1	6.7
Ages 30-39	1	10.0	4	22.2	1	6.7
Ages 40-49	1	10.0	2	11.1	4	26.7
Ages 50-59	2	20.0	3	16.7	2	13.3
Ages 60 and Over	0	0.0	4	22.2	2	13.3
Unknown Age	0	0.0	0	0.0	0	0.0

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	9		19		14	
Alcohol Involvement	0	0.0	2	10.5	1	7.1
Driver Inattention/Distraction	1	11.1	4	21.1	0	0.0
Driver Inexperience	2	22.2	1	5.3	2	14.3
Failure to Keep Right	0	0.0	0	0.0	1	7.1
Failure to Yield R.O.W.	0	0.0	3	15.8	3	21.4
Following Too Closely	1	11.1	2	10.5	2	14.3
Passing/Lane Violations	1	11.1	5	26.3	2	14.3
Traffic Control Disregarded	0	0.0	0	0.0	1	7.1
Turning Improperly	1	11.1	0	0.0	1	7.1
Unsafe Speed	0	0.0	4	21.1	1	7.1

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						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	9	100.0	19	100.0	13	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	1	11.1	0	0.0	0	0.0
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	0	0.0	1	5.3	5	38.5
Ages 21-29	4	44.4	4	21.1	0	0.0
Ages 30-39	1	11.1	5	26.3	1	7.7
Ages 40-49	1	11.1	2	10.5	3	23.1
Ages 50-59	2	22.2	2	10.5	2	15.4
Ages 60-69	0	0.0	4	21.1	2	15.4
Ages 70 and Over	0	0.0	1	5.3	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						
	2009		2010		2011	
	#	%	#	%	#	%
Motorcyclists	9	100.0	19	100.0	13	100.0
No Helmet Used	0	0.0	1	5.3	0	0.0
Helmet Used	9	100.0	18	94.7	13	100.0
Unknown	0	0.0	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
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
2010	2,028	0.6	4,174	0.6
2011	2,021	0.6	4,134	0.6

SECTION 5

Ticket Data

CORTLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	18,587	17,728	19,004
SPEED (V&T 1180)	6,499	6,706	6,622
% of total tickets	35.0%	37.8%	34.8%
% convicted on same charge (of adjudicated cases)	56.3%	58.2%	57.0%
SAFETY RESTRAINTS (V&T 1229c)	1,146	1,098	908
% of total tickets	6.2%	6.2%	4.8%
% convicted on same charge (of adjudicated cases)	86.2%	84.4%	82.7%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	78	102	68
IMPAIRED DRIVING (V&T 1192)	601	511	631
% of total tickets	3.2%	2.9%	3.3%
Persons Arrested for Impaired Driving	(N=318)	(N=285)	(N=349)
Case adjudicated	96.2%	96.5%	94.0%
Case pending	3.8%	3.5%	6.0%
Adjudicated Cases*	(N=306)	(N=275)	(N=328)
Convicted on original 1192 charge	34.6%	34.2%	29.0%
Convicted on other 1192 charge	63.4%	61.5%	64.0%
Convicted on non-1192 charge	1.0%	1.5%	0.6%
Dismissed/Acquitted/Convicted on charge associated with different event	1.0%	2.9%	6.4%
* 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

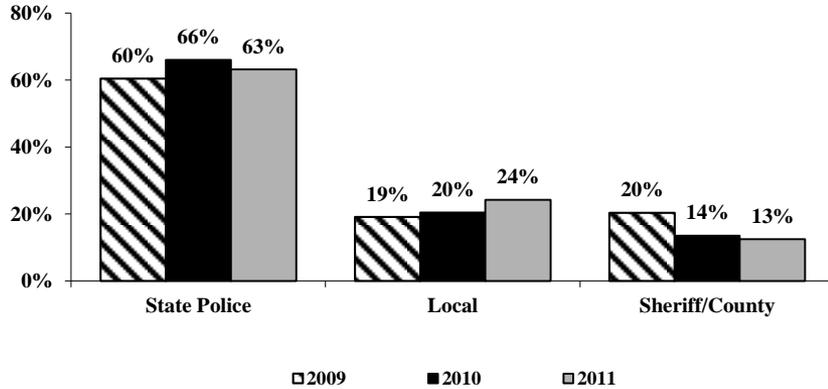
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	61	38	42
Number of Persons on Probation	152	136	125

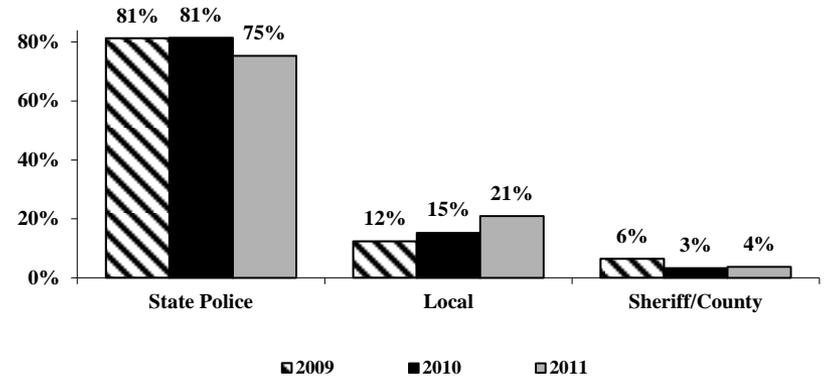
Source: NYS Division of Probation and Correctional Alternatives.

Cortland County Tickets Issued by TSLED Agencies By Agency Type

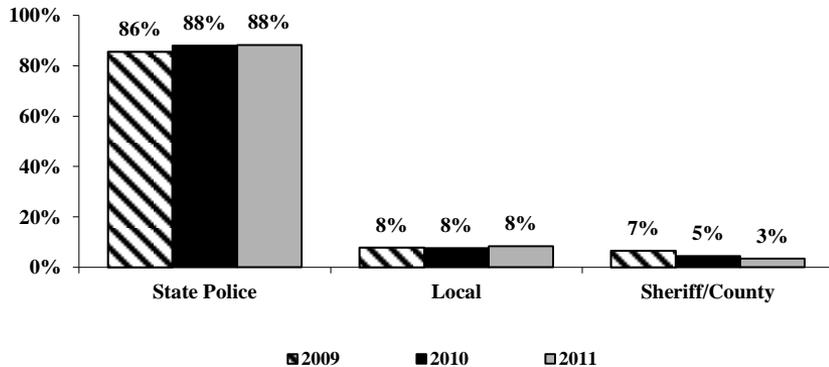
All Tickets



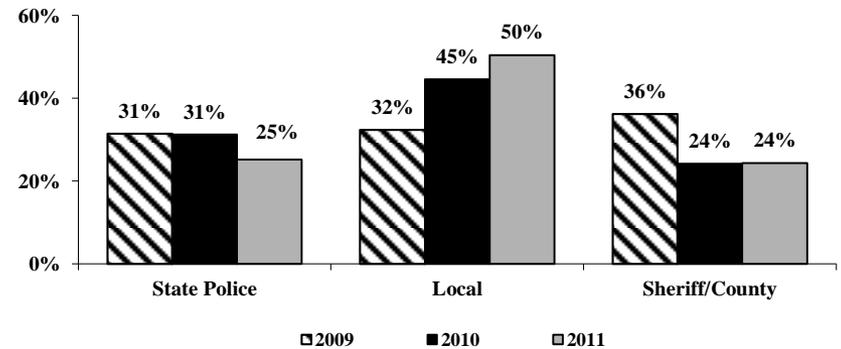
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CORTLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2009			2010			2011		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Cortland Sheriff NCIC 01100	alcohol	224	53.6	37.3	122	35.5	23.9	157	33.5	24.9
	speed	426	45.7	6.6	302	37.4	4.5	226	29.1	3.4
	seatbelt	73	34.0	6.4	36	17.6	3.3	34	15.2	3.7
Cortland City P.D. NCIC 01101	alcohol	183	43.8	30.4	211	61.3	41.3	281	59.9	44.5
	speed	125	13.4	1.9	137	17.0	2.0	203	26.2	3.1
	seatbelt	70	32.6	6.1	84	41.2	7.7	102	45.5	11.2
SUNY Cortland NCIC 01104	alcohol	3	0.7	0.5	0	0.0	0.0	13	2.8	2.1
	speed	35	3.8	0.5	49	6.1	0.7	55	7.1	0.8
	seatbelt	65	30.2	5.7	66	32.4	6.0	65	29.0	7.2
Homer P.D. NCIC 01120	alcohol	8	1.9	1.3	11	3.2	2.2	18	3.8	2.9
	speed	342	36.7	5.3	320	39.6	4.8	292	37.6	4.4
	seatbelt	5	2.3	0.4	18	8.8	1.6	23	10.3	2.5
Village of McGraw P.D. NCIC 01121	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	5	0.5	0.1	0	0.0	0.0	0	0.0	0.0
	seatbelt	2	0.9	0.2	0	0.0	0.0	0	0.0	0.0
Totals by Agency Type										
Sheriff and Local	alcohol	418		69.6	344		67.3	469		74.3
	speed	933		14.4	808		12.0	776		11.7
	seatbelt	215		18.8	204		18.6	224		24.7
State Police	alcohol	183		30.4	167		32.7	162		25.7
	speed	5,565		85.6	5,897		87.9	5,846		88.3
	seatbelt	931		81.2	894		81.4	684		75.3
Other <i>incl. Park Police</i>	alcohol	0		0.0	0		0.0	0		0.0
	speed	1		<0.1	1		<0.1	0		0.0
	seatbelt	0		0.0	0		0.0	0		0.0
County Totals										
	alcohol	601			511			631		
	speed	6,499			6,706			6,622		
	seatbelt	1,146			1,098			908		

Source: NYS DMV

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