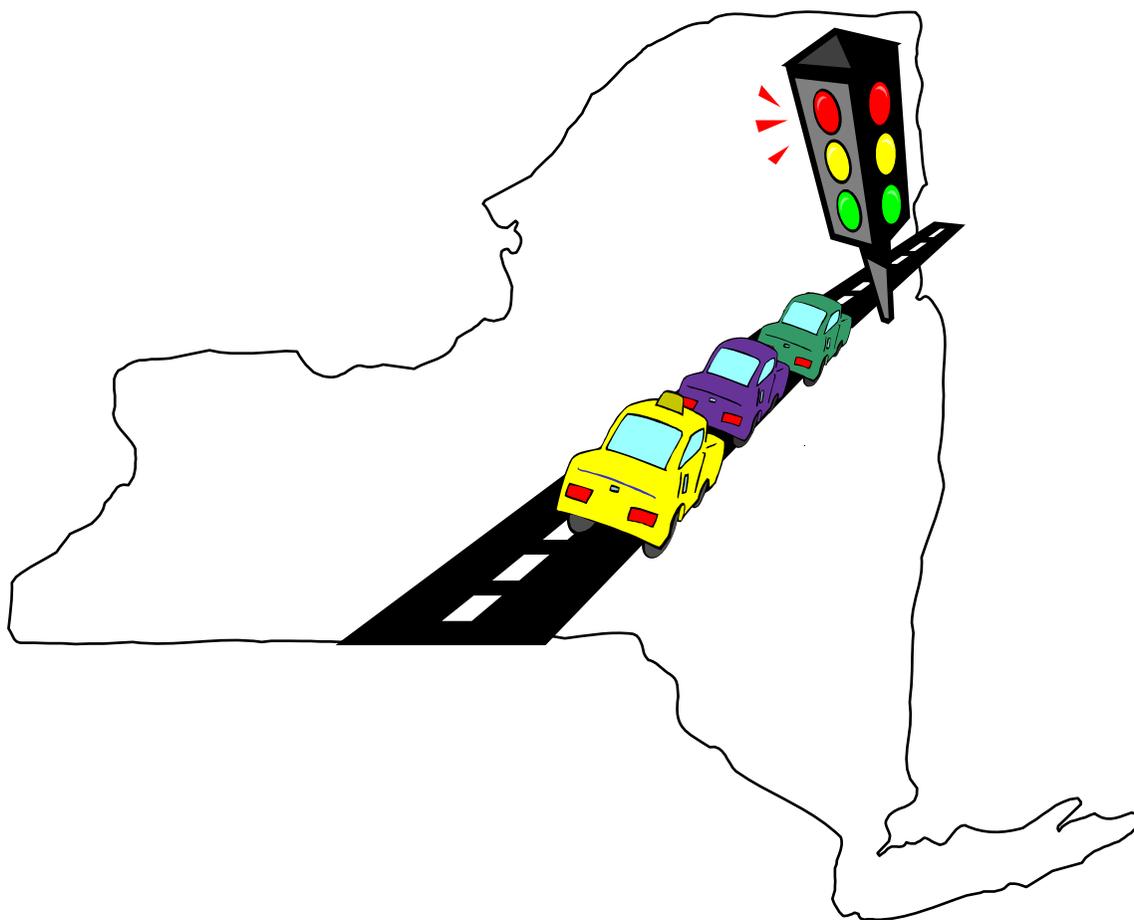


CORTLAND COUNTY

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 2009

COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2005-2007. Four summary reports provide detailed accident data for the three years 2005-2007. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. Caution is advised in interpreting the data in cases where the numbers are very small. For assistance in using the data in this document or to request additional information, please contact

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607
Albany, New York 12205
Telephone: 518-453-0291

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles

Empire State Plaza

Albany, New York 12228

Telephone: 518-474-5111

Contact Your GTSC Representative

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

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2005 - 2007	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report	3
Motorcycle Accident Summary Report	4
Ticket Data: 2005 - 2007	
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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	618	225,848	0.3	948	270,700	0.4	1,239	323,106	0.4
Fatal Accidents	9	1,308	0.7	6	1,330	0.5	6	1,220	0.5
Non-Fatal Personal Injury Accidents	352	146,643	0.2	352	138,311	0.3	340	139,117	0.2
Reportable Property Damage Accidents	257	77,897	0.3	590	131,059	0.5	893	182,769	0.5
Manner of Collision									
Single Vehicle Accidents	304	66,419	0.5	533	83,588	0.6	723	103,286	0.7
Multiple Vehicle Accidents	314	159,429	0.2	415	187,112	0.2	516	219,820	0.2
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	13	15,703	0.1	20	15,702	0.1	14	15,701	0.1
Bicycle/Motor Vehicle Accidents	4	5,807	0.1	10	5,565	0.2	10	5,535	0.2
Motorcycle Accidents	23	4,892	0.5	13	4,912	0.3	24	5,426	0.4
Fatalities									
Persons Killed (1)	9	1,410	0.6	8	1,433	0.6	7	1,317	0.5
Drivers Killed	6	770	0.8	3	801	0.4	6	762	0.8
Passengers Killed	1	264	0.4	3	269	1.1	1	231	0.4
Pedestrians Killed	2	328	0.6	1	315	0.3	0	272	0.0
Bicyclists Killed	0	47	0.0	1	45	2.2	0	50	0.0
Other	0	1	0.0	0	3	0.0	0	2	0.0
Non-Fatal Injuries									
Persons Injured (1)	484	206,514	0.2	493	195,644	0.3	465	194,255	0.2
Drivers Injured	308	126,615	0.2	314	119,411	0.3	306	119,314	0.3
Passengers Injured	158	57,991	0.3	150	54,629	0.3	130	53,261	0.2
Pedestrians Injured	11	15,392	0.1	21	15,369	0.1	18	15,472	0.1
Bicyclists Injured	5	5,680	0.1	8	5,426	0.1	11	5,373	0.2
Other	2	836	0.2	0	809	0.0	0	835	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	127.10	195.53	256.16
Crash Rate per 10,000 Licensed Drivers	192.04	289.21	372.40
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	101.39	103.34	97.58
Fatality & Injury Rate per 10,000 Licensed Drivers	153.20	152.84	141.87
Mean Severity of Injury (MSI)			
	1.48	1.46	1.50

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,239	116	375	470	254	24
Sunday	148	23	23	54	45	3
Monday	196	21	66	74	30	5
Tuesday	165	11	68	55	29	2
Wednesday	154	9	45	62	35	3
Thursday	171	5	68	67	27	4
Friday	248	16	68	108	53	3
Saturday	157	31	37	50	35	4

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	415	100.0	785	100.0	1,130	100.0
State Police	213	51.3	409	52.1	587	51.9
County Police	113	27.2	222	28.3	304	26.9
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	89	21.4	154	19.6	239	21.2
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						
	2005		2006		2007	
	#	%	#	%	#	%
Total	618	100.0	948	100.0	1,239	100.0
State Routes	272	44.0	464	48.9	637	51.4
County Routes	41	6.6	88	9.3	127	10.3
Town Routes	84	13.6	86	9.1	84	6.8
Municipal Routes	105	17.0	131	13.8	137	11.1
Parkways	0	0.0	0	0.0	0	0.0
Thruway	0	0.0	1	0.1	0	0.0
Other Interstates	106	17.2	155	16.4	189	15.3
Unknown	10	1.6	23	2.4	65	5.2

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	928	100.0	1,380	100.0	1,751	100.0
Male	480	51.7	795	57.6	1,043	59.6
Female	412	44.4	555	40.2	675	38.5
Unknown	36	3.9	30	2.2	33	1.9
Under Age 16	0	0.0	1	0.1	1	0.1
Ages 16-20	118	12.7	206	14.9	264	15.1
Ages 21-29	203	21.9	276	20.0	418	23.9
Ages 30-39	167	18.0	222	16.1	253	14.4
Ages 40-49	148	15.9	248	18.0	298	17.0
Ages 50-59	115	12.4	190	13.8	252	14.4
Ages 60-69	81	8.7	113	8.2	119	6.8
Ages 70 and Over	59	6.4	93	6.7	111	6.3
Unknown Age	37	4.0	31	2.2	35	2.0

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

TABLE 6(P) Select Accident Contributing Factors

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	415		785		1,130	
Alcohol Involvement*	18	4.3	38	4.8	43	3.8
Backing Unsafely	6	1.4	25	3.2	40	3.5
Driver Inattention/Distraction	55	13.3	101	12.9	153	13.5
Driver Inexperience	8	1.9	14	1.8	19	1.7
Failure to Keep Right	16	3.9	27	3.4	50	4.4
Failure to Yield R.O.W.	54	13.0	93	11.8	112	9.9
Following Too Closely	67	16.1	129	16.4	136	12.0
Passing/Lane Violations	29	7.0	57	7.3	60	5.3
Traffic Control Disregarded	13	3.1	20	2.5	22	1.9
Turning Improperly	6	1.4	19	2.4	21	1.9
Unsafe Speed*	107	25.8	130	16.6	313	27.7

* 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.

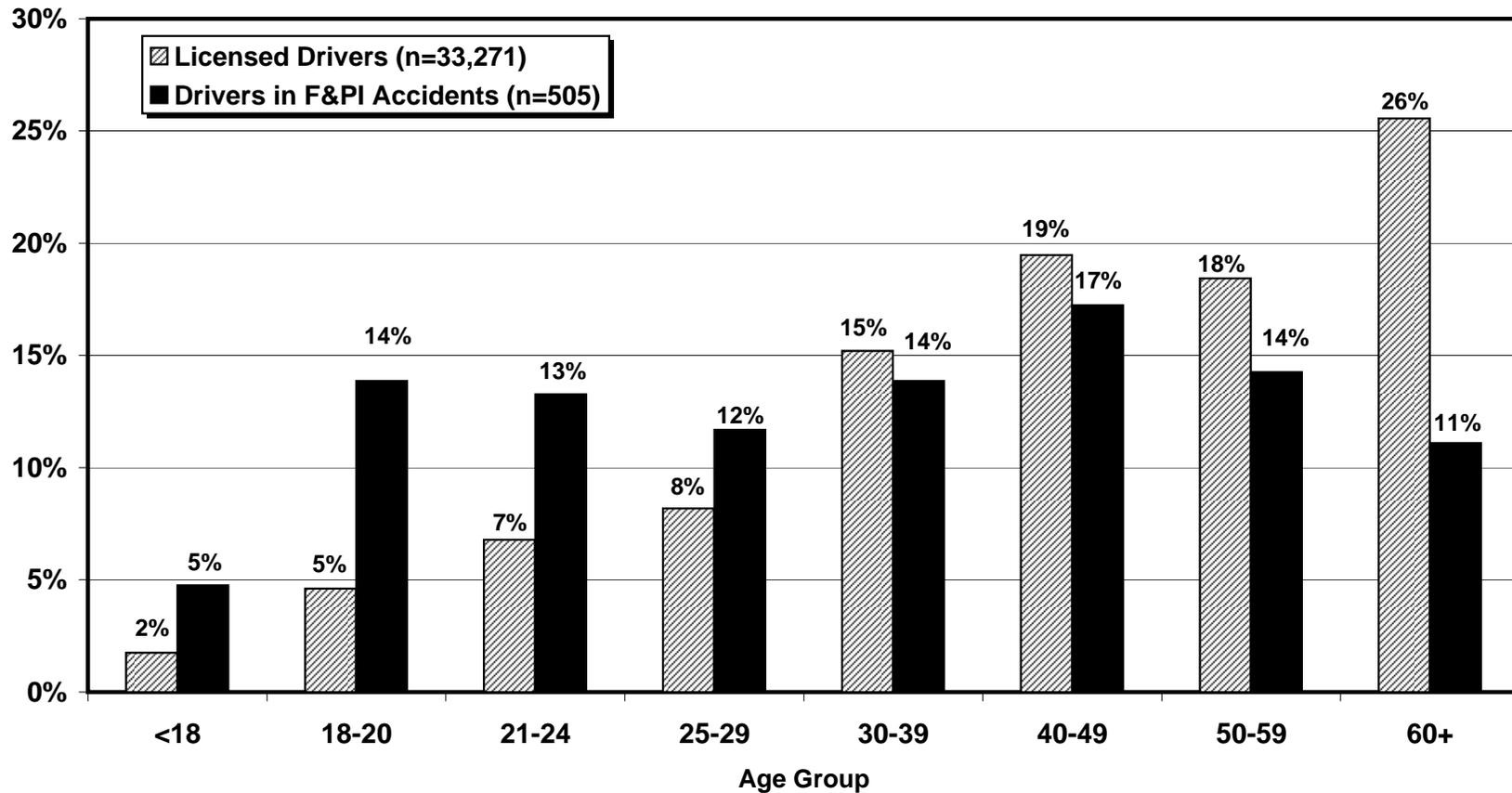
TABLE 7 Persons Killed or Injured by Age Group: 2006-2007

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	501	100.0	31	472	100.0	29
Under Age 4	6	1.2	0	8	1.7	1
Ages 4-6	10	2.0	0	2	0.4	1
Ages 7-15	35	7.0	7	29	6.1	3
Ages 16-17	30	6.0	1	25	5.3	4
Ages 18-20	64	12.8	2	64	13.6	5
Ages 21-29	89	17.8	7	115	24.4	3
Ages 30-39	73	14.6	0	56	11.9	5
Ages 40-49	70	14.0	4	66	14.0	2
Ages 50-59	58	11.6	7	67	14.2	2
Ages 60-69	26	5.2	2	19	4.0	1
Ages 70 and Over	26	5.2	1	19	4.0	2
Unknown Age	14	2.8	0	2	0.4	0

TABLE 8(P) Reported Safety Equipment Use

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	435	100.0	440	100.0	411	100.0
No Restraint Used	45	10.3	40	9.1	27	6.6
Restraint Used	376	86.4	396	90.0	379	92.2
Unknown	14	3.2	4	0.9	5	1.2
Motorcyclists	20	100.0	13	100.0	20	100.0
No Helmet Used	0	0.0	1	7.7	6	30.0
Helmet Used	18	90.0	12	92.3	14	70.0
Unknown	2	10.0	0	0.0	0	0.0
Bicyclists	5	100.0	9	100.0	11	100.0
No Helmet Used	1	20.0	4	44.4	3	27.3
Helmet Used	3	60.0	1	11.1	4	36.4
Unknown	1	20.0	4	44.4	4	36.4

FIGURE 1
Cortland County 2007
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 accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal accidents. 10 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 Mean Severity of Injury (MSI) by County Jurisdiction															
	Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2005			2006			2007		
							F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI	F&PI Crashes	Crashes/ Mile	MSI
Towns	Cincinnatus	1,042	2.1	46.6	4.5	22.4	11	0.2	1.62	6	0.1	1.80	11	0.2	1.78
	Cortlandville	6,984	14.3	128.3	12.5	54.4	101	0.8	1.41	114	0.9	1.35	92	0.7	1.47
	Cuyler	1,048	2.1	63.0	6.1	16.6	4	0.1	1.90	12	0.2	1.72	6	0.1	1.17
	Freetown	820	1.7	49.4	4.8	16.6	3	0.1	1.00	3	0.1	2.00	2	<0.1	1.40
	Harford	921	1.9	42.8	4.2	21.5	7	0.2	2.40	8	0.2	1.33	5	0.1	1.14
	Homer	3,095	6.3	110.6	10.8	28.0	40	0.4	1.35	37	0.3	1.45	34	0.3	1.49
	Lapeer	691	1.4	40.7	4.0	17.0	6	0.1	1.50	5	0.1	1.60	2	<0.1	1.50
	Marathon	1,147	2.3	46.5	4.5	24.7	9	0.2	1.50	17	0.4	1.63	24	0.5	1.45
	Preble	1,584	3.2	56.9	5.5	27.8	16	0.3	1.78	10	0.2	1.50	18	0.3	1.67
	Scott	1,196	2.4	44.9	4.4	26.6	6	0.1	1.70	7	0.2	1.27	4	0.1	2.60
	Solon	1,124	2.3	47.3	4.6	23.8	7	0.1	1.38	6	0.1	1.69	6	0.1	1.67
	Taylor	498	1.0	48.8	4.7	10.2	7	0.1	1.71	2	<0.1	1.00	5	0.1	2.00
	Truxton	1,257	2.6	65.9	6.4	19.1	11	0.2	2.14	6	0.1	1.71	11	0.2	1.56
	Virgil	2,487	5.1	103.1	10.0	24.1	23	0.2	1.65	21	0.2	1.56	30	0.3	1.49
	Willet	1,016	2.1	47.9	4.7	21.2	6	0.1	1.43	8	0.2	1.36	2	<0.1	3.50
Villages	Homer	3,346	6.8	19.6	1.9	170.7	7	0.4	1.30	11	0.6	1.36	18	0.9	1.55
	McGraw	988	2.0	6.1	0.6	162.0	4	0.7	1.43	2	0.3	1.00	2	0.3	1.00
	Marathon	1,049	2.1	9.5	0.9	110.4	2	0.2	2.00	1	0.1	2.57	2	0.2	1.50
City	Cortland	18,713	38.2	50.4	4.9	371.3	90	1.8	1.34	81	1.6	1.43	70	1.4	1.35
Other	unknown	na	na	na	na	na	1	na	na	1	na	na	2	na	na
Cortland County Total							361	0.4	1.48	358	0.3	1.46	346	0.3	1.50
New York State		19,227,088		113342.8		169.6	147,951	1.3	1.28	139,641	1.2	1.28	140,337	1.2	1.28

Source: 2004 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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	21	5,776	0.4	40	7,959	0.5	46	9,480	0.5
Fatal Accidents	1	350	0.3	3	359	0.8	2	344	0.6
Non-Fatal Personal Injury Accidents	20	5,270	0.4	19	5,111	0.4	18	4,991	0.4
Reportable Property Damage Accidents	0	156	0.0	18	2,489	0.7	26	4,145	0.6
Manner of Collision									
Single Vehicle Accidents	16	3,142	0.5	34	4,380	0.8	31	5,138	0.6
Multiple Vehicle Accidents	5	2,634	0.2	6	3,579	0.2	15	4,342	0.3
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	2	413	0.5	4	411	1.0	0	403	0.0
A-R Bicycle/Motor Vehicle Accidents	0	104	0.0	0	90	0.0	0	97	0.0
A-R Motorcycle Accidents	1	223	0.4	0	176	0.0	0	217	0.0
Fatalities									
Persons Killed (1)	1	382	0.3	4	397	1.0	2	373	0.5
Drivers Killed	0	217	0.0	2	235	0.9	2	239	0.8
<i>Drinking Drivers</i>	0	195	0.0	2	214	0.9	2	215	0.9
<i>Non-Drinking Drivers</i>	0	22	0.0	0	21	0.0	0	24	0.0
Passengers Killed	0	89	0.0	1	85	1.2	0	65	0.0
Pedestrians Killed	1	72	1.4	1	69	1.4	0	62	0.0
Bicyclists Killed	0	4	0.0	0	8	0.0	0	7	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	26	7,724	0.3	23	7,293	0.3	22	7,175	0.3
Drivers Injured	17	4,986	0.3	16	4,753	0.3	17	4,593	0.4
Passengers Injured	7	2,203	0.3	3	2,059	0.1	5	2,072	0.2
Pedestrians Injured	1	370	0.3	4	361	1.1	0	362	0.0
Bicyclists Injured	0	99	0.0	0	79	0.0	0	90	0.0
Other	1	66	1.5	0	41	0.0	0	58	0.0
<p>[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.</p> <p>(1) Includes pedestrians, bicyclists and all other non-vehicle involved persons as well as vehicle occupants regardless of seating position.</p>									

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: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	46	20	3	8	14	1
Sunday	10	7	0	1	1	1
Monday	2	0	0	1	1	0
Tuesday	4	1	0	1	2	0
Wednesday	7	0	1	1	5	0
Thursday	3	1	1	1	0	0
Friday	6	2	0	2	2	0
Saturday	14	9	1	1	3	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	25	100.0	44	100.0	58	100.0
Male	17	68.0	37	84.1	39	67.2
<i>Drinking Drivers</i>	15	60.0	32	72.7	31	53.4
<i>Non-Drinking Drivers</i>	2	8.0	5	11.4	8	13.8
Female	7	28.0	7	15.9	17	29.3
<i>Drinking Drivers</i>	6	24.0	6	13.6	15	25.9
<i>Non-Drinking Drivers</i>	1	4.0	1	2.3	2	3.4
Unknown	1	4.0	0	0.0	2	3.4
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	4.0	0	0.0	2	3.4
Drinking Drivers	21	100.0	38	100.0	46	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	9.5	7	18.4	10	21.7
Ages 21-29	6	28.6	17	44.7	16	34.8
Ages 30-39	7	33.3	7	18.4	9	19.6
Ages 40-49	4	19.0	3	7.9	7	15.2
Ages 50-59	2	9.5	2	5.3	2	4.3
Age 60 and Over	0	0.0	2	5.3	2	4.3
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	4	100.0	6	100.0	12	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	2	33.3	2	16.7
Ages 21-29	1	25.0	1	16.7	2	16.7
Ages 30-39	0	0.0	2	33.3	2	16.7
Ages 40-49	0	0.0	1	16.7	3	25.0
Ages 50-59	1	25.0	0	0.0	0	0.0
Age 60 and Over	1	25.0	0	0.0	1	8.3
Unknown Age	1	25.0	0	0.0	2	16.7

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

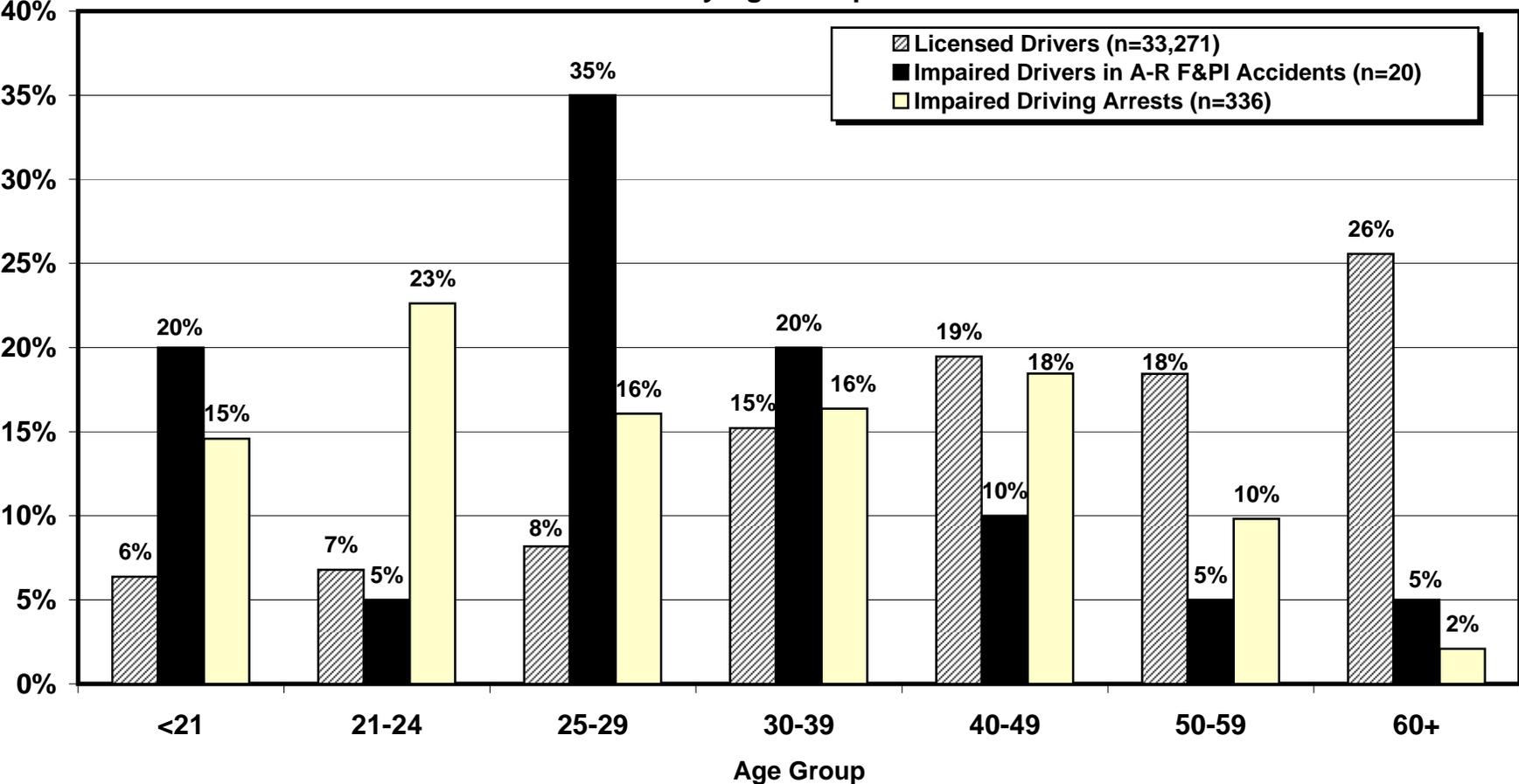
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	21		40		46	
Driver Inattention/Distracted	0	0.0	2	5.0	3	6.5
Failure to Keep Right	4	19.0	2	5.0	7	15.2
Failure to Yield R.O.W.	1	4.8	3	7.5	1	2.2
Fell Asleep	1	4.8	5	12.5	2	4.3
Following Too Closely	1	4.8	1	2.5	4	8.7
Passing/Lane Violations	1	4.8	1	2.5	4	8.7
Traffic Control Disregarded	1	4.8	1	2.5	3	6.5
Unsafe Speed	9	42.9	13	32.5	12	26.1

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	27	100.0	5	24	100.0	0
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	0	0.0	0
Ages 16-17	1	3.7	0	3	12.5	0
Ages 18-20	5	18.5	0	3	12.5	0
Ages 21-29	6	22.2	1	8	33.3	0
Ages 30-39	6	22.2	0	5	20.8	0
Ages 40-49	3	11.1	1	3	12.5	0
Ages 50-59	5	18.5	3	1	4.2	0
Ages 60-69	0	0.0	0	0	0.0	0
Ages 70 and Over	1	3.7	0	1	4.2	0
Unknown Age	0	0.0	0	0	0.0	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	23	100.0	22	100.0	24	100.0
No Restraint Used	9	39.1	6	27.3	2	8.3
Restraint Used	12	52.2	15	68.2	20	83.3
Unknown	2	8.7	1	4.5	2	8.3
Motorcyclists	1	100.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	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 2007
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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	107	15,991	0.7	134	20,927	0.6	317	31,729	1.0
Fatal Accidents	1	378	0.3	2	391	0.5	2	369	0.5
Non-Fatal Personal Injury Accidents	85	13,884	0.6	82	13,048	0.6	101	14,405	0.7
Reportable Property Damage Accidents	21	1,729	1.2	50	7,488	0.7	214	16,955	1.3
Manner of Collision									
Single Vehicle Accidents	74	8,757	0.8	114	12,070	0.9	257	19,143	1.3
Multiple Vehicle Accidents	33	7,234	0.5	20	8,857	0.2	60	12,586	0.5
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	1	365	0.3	1	347	0.3	0	382	0.0
S-R Bicycle/Motor Vehicle Accidents	1	75	1.3	0	88	0.0	0	91	0.0
S-R Motorcycle Accidents	2	753	0.3	2	797	0.3	6	857	0.7
Fatalities									
Persons Killed (1)	1	422	0.2	3	439	0.7	2	406	0.5
Drivers Killed	1	290	0.3	2	305	0.7	2	277	0.7
<i>Speeding Drivers</i>	1	272	0.4	2	281	0.7	2	249	0.8
<i>Non-Speeding Drivers</i>	0	18	0.0	0	24	0.0	0	28	0.0
Passengers Killed	0	103	0.0	1	112	0.9	0	104	0.0
Pedestrians Killed	0	26	0.0	0	20	0.0	0	24	0.0
Bicyclists Killed	0	2	0.0	0	2	0.0	0	1	0.0
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	110	20,752	0.5	114	19,474	0.6	137	21,137	0.6
Drivers Injured	72	13,706	0.5	80	12,816	0.6	91	14,151	0.6
Passengers Injured	36	6,563	0.5	33	6,135	0.5	46	6,427	0.7
Pedestrians Injured	0	354	0.0	1	353	0.3	0	383	0.0
Bicyclists Injured	1	69	1.4	0	83	0.0	0	90	0.0
Other	1	60	1.7	0	87	0.0	0	86	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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
Speed-Related Motor Vehicle Accidents
Cortland County**

TABLE 2(P) Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	317	41	115	93	66	2
Sunday	47	10	6	11	20	0
Monday	61	8	22	24	6	1
Tuesday	43	6	25	7	5	0
Wednesday	18	0	7	7	4	0
Thursday	32	0	17	8	7	0
Friday	75	5	24	27	18	1
Saturday	41	12	14	9	6	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	142	100.0	155	100.0	380	100.0
Male	92	64.8	96	61.9	244	64.2
<i>Speeding Drivers</i>	74	52.1	84	54.2	206	54.2
<i>Non-Speeding Drivers</i>	18	12.7	12	7.7	38	10.0
Female	48	33.8	59	38.1	130	34.2
<i>Speeding Drivers</i>	39	27.5	50	32.3	112	29.5
<i>Non-Speeding Drivers</i>	9	6.3	9	5.8	18	4.7
Unknown	2	1.4	0	0.0	6	1.6
<i>Speeding Drivers</i>	0	0.0	0	0.0	2	0.5
<i>Non-Speeding Drivers</i>	2	1.4	0	0.0	4	1.1
Speeding Drivers	113	100.0	134	100.0	320	100.0
Under Age 16	0	0.0	1	0.7	0	0.0
Ages 16-20	19	16.8	38	28.4	76	23.8
Ages 21-29	29	25.7	37	27.6	101	31.6
Ages 30-39	25	22.1	21	15.7	49	15.3
Ages 40-49	20	17.7	17	12.7	45	14.1
Ages 50-59	10	8.8	12	9.0	33	10.3
Age 60 and Over	10	8.8	8	6.0	14	4.4
Unknown Age	0	0.0	0	0.0	2	0.6
Non-Speeding Drivers	29	100.0	21	100.0	60	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	6.9	2	9.5	3	5.0
Ages 21-29	5	17.2	4	19.0	13	21.7
Ages 30-39	7	24.1	6	28.6	9	15.0
Ages 40-49	5	17.2	7	33.3	12	20.0
Ages 50-59	7	24.1	1	4.8	11	18.3
Age 60 and Over	1	3.4	1	4.8	8	13.3
Unknown Age	2	6.9	0	0.0	4	6.7

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

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	107		134		317	
Alcohol Involvement	8	7.5	14	10.4	12	3.8
Driver Inattention/Distracted	1	0.9	2	1.5	6	1.9
Driver Inexperience	1	0.9	5	3.7	7	2.2
Failure to Keep Right	1	0.9	5	3.7	8	2.5
Failure to Yield R.O.W.	0	0.0	0	0.0	3	0.9
Following Too Closely	4	3.7	4	3.0	8	2.5
Passing/Lane Violations	3	2.8	8	6.0	2	0.6
Traffic Control Disregarded	0	0.0	2	1.5	2	0.6

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2006-2007						
Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	117	100.0	1	139	100.0	0
Under Age 4	1	0.9	0	0	0.0	0
Ages 4-6	1	0.9	0	0	0.0	0
Ages 7-15	10	8.5	1	10	7.2	0
Ages 16-17	7	6.0	0	8	5.8	0
Ages 18-20	22	18.8	0	31	22.3	0
Ages 21-29	25	21.4	0	35	25.2	0
Ages 30-39	10	8.5	0	17	12.2	0
Ages 40-49	16	13.7	0	18	12.9	0
Ages 50-59	11	9.4	0	13	9.4	0
Ages 60-69	4	3.4	0	6	4.3	0
Ages 70 and Over	2	1.7	0	1	0.7	0
Unknown Age	8	6.8	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	107	100.0	114	100.0	133	100.0
No Restraint Used	13	12.1	16	14.0	12	9.0
Restraint Used	91	85.0	95	83.3	120	90.2
Unknown	3	2.8	3	2.6	1	0.8
Motorcyclists	2	100.0	2	100.0	6	100.0
No Helmet Used	0	0.0	0	0.0	3	50.0
Helmet Used	2	100.0	2	100.0	3	50.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	0	0.0	0	0.0
No Helmet Used	1	100.0	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	2005			2006			2007		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	23	4,892	0.5	13	4,912	0.3	24	5,426	0.4
Fatal Accidents	0	168	0.0	1	190	0.5	2	164	1.2
Non-Fatal Personal Injury Accidents	22	4,515	0.5	10	4,272	0.2	19	4,727	0.4
Reportable Property Damage Accidents	1	209	0.5	2	450	0.4	3	535	0.6
Manner of Collision									
Single Motorcycle Accidents	13	2,155	0.6	3	2,154	0.1	12	2,318	0.5
Multiple Vehicle Accidents	10	2,737	0.4	10	2,758	0.4	12	3,108	0.4
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	1	89	1.1	0	77	0.0	0	74	0.0
Motorcycle/Bicycle Accidents	0	17	0.0	0	29	0.0	0	19	0.0
Fatalities									
Persons Killed (1)	0	172	0.0	1	195	0.5	2	172	1.2
Drivers Killed	0	154	0.0	1	181	0.6	2	162	1.2
<i>Motorcycle Operators</i>	0	153	0.0	1	180	0.6	2	162	1.2
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	12	0.0	0	9	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	12	0.0	0	9	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	9	0.0	0	2	0.0	0	1	0.0
Bicyclists Killed	0	0	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)	22	5,304	0.4	13	4,951	0.3	20	5,503	0.4
Drivers Injured	21	4,592	0.5	11	4,338	0.3	19	4,830	0.4
Passengers Injured	1	606	0.2	2	513	0.4	1	579	0.2
Pedestrians Injured	0	81	0.0	0	71	0.0	0	71	0.0
Bicyclists Injured	0	16	0.0	0	26	0.0	0	15	0.0
Other	0	9	0.0	0	3	0.0	0	8	0.0

[†] It is important to note that not all of the data for 2005-2007 are strictly comparable. Changes in data collection and reporting that began during 2006 with respect to property damage (PDO) accidents have resulted in more PDOs being captured each year on the statewide Accident Information System (AIS) maintained by the NYS Department of Motor Vehicles, and thus an increase in the total number of accidents each year. Data related to fatal and personal injury accidents and to persons killed or injured are comparable as these data have not been affected by the DMV changes with respect to PDOs.

(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

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	24	2	6	11	5	0
Sunday	7	0	1	6	0	0
Monday	4	0	2	2	0	0
Tuesday	3	0	0	0	3	0
Wednesday	1	0	0	1	0	0
Thursday	4	0	3	0	1	0
Friday	2	0	0	1	1	0
Saturday	3	2	0	1	0	0

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	24	100.0	13	100.0	25	100.0
Male	19	79.2	13	100.0	23	92.0
Female	5	20.8	0	0.0	2	8.0
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	0	0.0	1	7.7	3	12.0
Ages 21-29	7	29.2	1	7.7	10	40.0
Ages 30-39	4	16.7	7	53.8	0	0.0
Ages 40-49	6	25.0	2	15.4	4	16.0
Ages 50-59	5	20.8	0	0.0	7	28.0
Ages 60 and Over	2	8.3	2	15.4	1	4.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	21		13		22	
Alcohol Involvement	1	4.8	0	0.0	0	0.0
Driver Inattention/Distracted	3	14.3	0	0.0	1	4.5
Driver Inexperience	1	4.8	2	15.4	3	13.6
Failure to Keep Right	0	0.0	0	0.0	2	9.1
Failure to Yield R.O.W.	4	19.0	4	30.8	4	18.2
Following Too Closely	4	19.0	2	15.4	1	4.5
Passing/Lane Violations	1	4.8	1	7.7	3	13.6
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	1	4.8	4	30.8	1	4.5
Unsafe Speed	2	9.5	1	7.7	6	27.3

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						
	2005		2006		2007	
	#	%	#	%	#	%
Age Group	21	100.0	13	100.0	22	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	1	7.7	0	0.0
Ages 16-17	0	0.0	0	0.0	1	4.5
Ages 18-20	0	0.0	0	0.0	1	4.5
Ages 21-29	5	23.8	1	7.7	8	36.4
Ages 30-39	3	14.3	7	53.8	0	0.0
Ages 40-49	6	28.6	2	15.4	3	13.6
Ages 50-59	5	23.8	0	0.0	8	36.4
Ages 60-69	1	4.8	2	15.4	1	4.5
Ages 70 and Over	1	4.8	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						
	2005		2006		2007	
	#	%	#	%	#	%
Motorcyclists	20	100.0	13	100.0	20	100.0
No Helmet Used	0	0.0	1	7.7	6	30.0
Helmet Used	18	90.0	12	92.3	14	70.0
Unknown	2	10.0	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	1,347	0.6	3,516	0.7
2004	1,447	0.6	3,722	0.6
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

SECTION 5

Ticket Data

CORTLAND COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	16,434	17,274	18,277
SPEED (V&T 1180)	7,764	7,685	7,037
% of total tickets	47.2%	44.5%	38.5%
% convicted on same charge (of adjudicated cases)	54.8%	64.9%	62.6%
SAFETY RESTRAINTS (V&T 1229c)	1,232	1,349	1,522
% of total tickets	7.5%	7.8%	8.3%
% convicted on same charge (of adjudicated cases)	81.1%	93.7%	90.4%
IMPAIRED DRIVING (V&T 1192)	540	482	578
% of total tickets	3.3%	2.8%	3.2%
Persons Arrested for Impaired Driving	(N=308)	(N=269)	(N=336)
Case adjudicated	95.5%	94.8%	94.4%
Case pending	4.5%	5.2%	5.7%
Adjudicated Cases*	(N=294)	(N=255)	(N=317)
Convicted on original 1192 charge	36.1%	37.3%	33.1%
Convicted on other 1192 charge	58.2%	60.0%	58.0%
Convicted on non-1192 charge	0.7%	0.0%	0.0%
Dismissed/Acquitted/Convicted on charge associated with different event	5.0%	2.8%	8.8%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYSDMV TSLED ticket system.

CORTLAND COUNTY

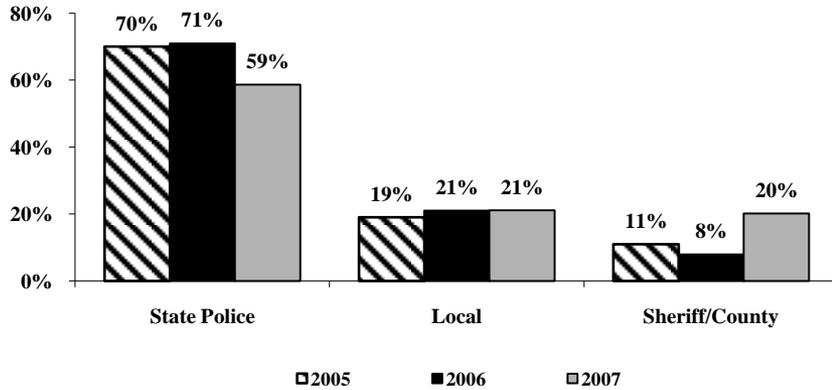
Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	49	46	66
Number of Persons on Probation	143	150	165

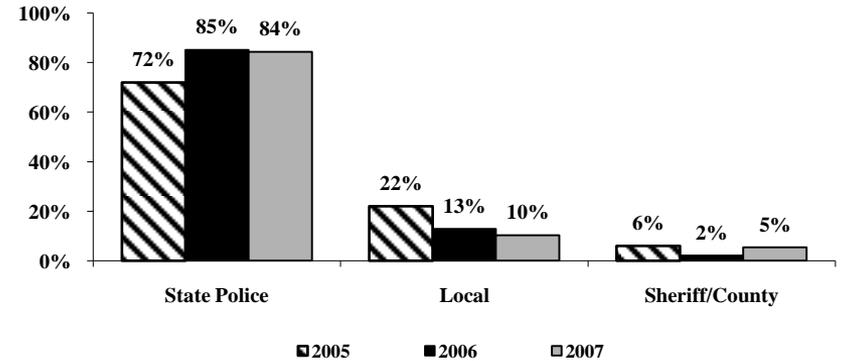
Source: NYS Division of Probation and Correctional Alternatives.

Cortland County Tickets Issued by TSLED Agencies By Agency Type

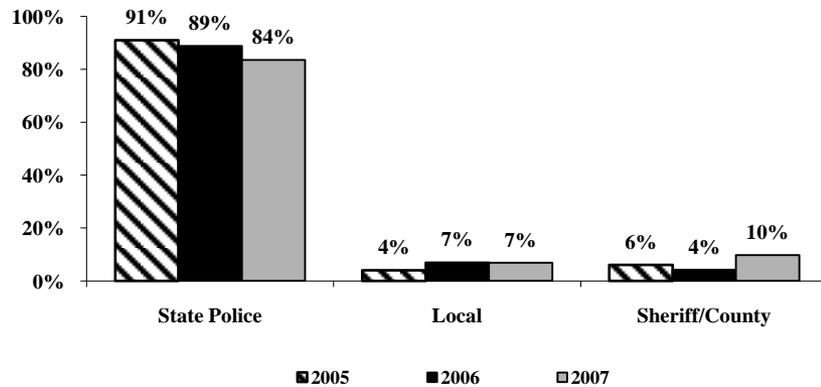
All Tickets



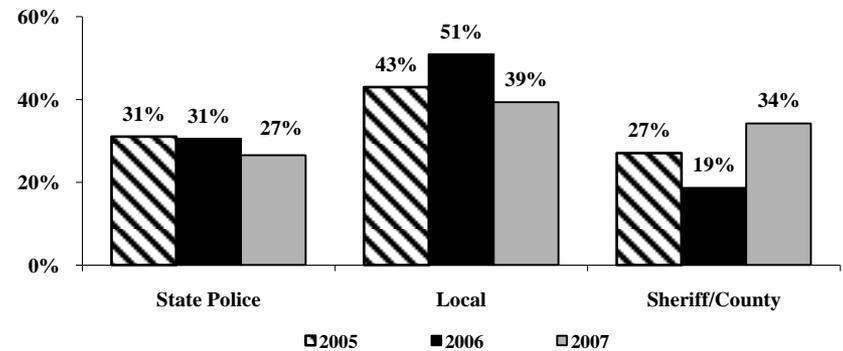
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CORTLAND COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2005			2006			2007		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Cortland Sheriff NCIC 01100	alcohol	145	39.3	26.9	90	27.4	18.7	190	46.1	32.9
	speed	431	59.8	5.6	321	37.4	4.2	686	59.3	9.7
	seatbelt	79	22.8	6.4	29	14.4	2.1	82	34.5	5.4
Cortland City P.D. NCIC 01101	alcohol	196	53.1	36.3	190	57.8	39.4	201	48.8	34.8
	speed	130	18.0	1.7	340	39.6	4.4	242	20.9	3.4
	seatbelt	121	35.0	9.8	108	53.7	8.0	103	43.3	6.8
SUNY Cortland NCIC 01104	alcohol	1	0.3	0.2	6	1.8	1.2	3	0.7	0.5
	speed	62	8.6	0.8	68	7.9	0.9	52	4.5	0.7
	seatbelt	85	24.6	6.9	30	14.9	2.2	29	12.2	1.9
Homer P.D. NCIC 01120	alcohol	27	7.3	5.0	43	13.1	8.9	18	4.4	3.1
	speed	91	12.6	1.2	119	13.9	1.5	173	15.0	2.5
	seatbelt	59	17.1	4.8	33	16.4	2.4	21	8.8	1.4
Village of McGraw P.D. NCIC 01121	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
	speed	7	1.0	0.1	11	1.3	0.1	3	0.3	<0.1
	seatbelt	2	0.6	0.2	1	0.5	0.1	3	1.3	0.2
Totals by Agency Type										
Sheriff and Local	alcohol	369		68.3	329		68.3	412		71.3
	speed	721		9.3	859		11.2	1,156		16.4
	seatbelt	346		28.1	201		14.9	238		15.6
State Police	alcohol	170		31.5	151		31.3	166		28.7
	speed	7,036		90.6	6,824		88.8	5,876		83.5
	seatbelt	885		71.8	1,148		85.1	1,283		84.3
Other incl. Park Police	alcohol	1		0.2	2		0.4	0		0.0
	speed	7		0.1	2		<0.1	5		0.1
	seatbelt	1		0.1	0		0.0	1		0.1
County Totals										
	alcohol	540			482			578		
	speed	7,764			7,685			7,037		
	seatbelt	1,232			1,349			1,522		

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