

CHEMUNG 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 2013

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

**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: grants@safeny.ny.gov

TABLE OF CONTENTS

COUNTY DATA

	Section
Crash Data: 2009 - 2011	
General Crash Summary Report	1
Alcohol-Related Crash Summary Report	2
Speed-Related Crash Summary Report.....	3
Motorcycle Crash Summary Report.....	4
 Ticket Data: 2009 - 2011	
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
Chemung 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	1,592	314,974	0.5	1,573	315,377	0.5	1,659	307,550	0.5
Fatal Crashes	4	1,060	0.4	7	1,119	0.6	14	1,077	1.3
Non-Fatal Personal Injury Crashes	468	133,888	0.3	486	134,151	0.4	466	128,036	0.4
Reportable Property Damage Crashes	1,120	180,026	0.6	1,080	180,107	0.6	1,179	178,437	0.7
Manner of Collision									
Single Vehicle Crashes	728	101,080	0.7	682	101,471	0.7	729	98,836	0.7
Multiple Vehicle Crashes	864	213,894	0.4	891	213,906	0.4	930	208,714	0.4
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	26	15,682	0.2	30	16,357	0.2	31	15,928	0.2
Bicycle/Motor Vehicle Crashes	26	5,620	0.5	26	6,276	0.4	24	6,076	0.4
Motorcycle Crashes	28	5,150	0.5	30	5,570	0.5	30	5,336	0.6
Fatalities									
Persons Killed (1)	4	1,148	0.3	7	1,192	0.6	16	1,153	1.4
Drivers Killed	3	603	0.5	2	646	0.3	12	597	2.0
Passengers Killed	0	209	0.0	1	198	0.5	1	203	0.5
Pedestrians Killed	0	307	0.0	4	311	1.3	1	296	0.3
Bicyclists Killed	1	29	3.4	0	36	0.0	2	57	3.5
Other	0	0	0.0	0	1	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	611	186,034	0.3	644	187,566	0.3	614	177,445	0.3
Drivers Injured	409	112,855	0.4	404	112,104	0.4	407	106,335	0.4
Passengers Injured	153	51,499	0.3	188	52,421	0.4	155	48,677	0.3
Pedestrians Injured	25	15,321	0.2	27	16,090	0.2	29	15,689	0.2
Bicyclists Injured	24	5,405	0.4	23	6,058	0.4	21	5,883	0.4
Other	0	954	0.0	2	893	0.2	2	861	0.2

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle 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
Chemung County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	180.23	177.08	186.74
Crash Rate per 10,000 Licensed Drivers	257.31	256.37	274.30
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	69.62	73.29	70.91
Fatality & Injury Rate per 10,000 Licensed Drivers	99.40	106.10	104.16

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,659	140	466	653	363	37
Sunday	211	25	62	68	48	8
Monday	231	23	69	90	42	7
Tuesday	230	20	65	87	53	5
Wednesday	240	17	78	95	47	3
Thursday	232	12	68	98	48	6
Friday	293	18	79	123	68	5
Saturday	222	25	45	92	57	3

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	1,434	100.0	1,435	100.0	1,519	100.0
State Police	344	24.0	409	28.5	389	25.6
County Police	458	31.9	396	27.6	486	32.0
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	632	44.1	630	43.9	644	42.4
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Chemung 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	2,366	100.0	2,383	100.0	2,503	100.0
Male	1,244	52.6	1,269	53.3	1,324	52.9
Female	1,042	44.0	1,053	44.2	1,104	44.1
Unknown	80	3.4	61	2.6	75	3.0
Under Age 16	1	<0.1	0	0.0	0	0.0
Ages 16-20	330	13.9	328	13.8	292	11.7
Ages 21-29	434	18.3	462	19.4	527	21.1
Ages 30-39	323	13.7	351	14.7	402	16.1
Ages 40-49	399	16.9	400	16.8	386	15.4
Ages 50-59	351	14.8	376	15.8	397	15.9
Ages 60-69	221	9.3	230	9.7	229	9.1
Ages 70 and Over	227	9.6	172	7.2	192	7.7
Unknown Age	80	3.4	64	2.7	78	3.1

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	1,434		1,435		1,519	
Alcohol Involvement*	74	5.2	66	4.6	60	3.9
Backing Unsafely	76	5.3	80	5.6	85	5.6
Driver Inattention/Distraction	242	16.9	242	16.9	162	10.7
Driver Inexperience	31	2.2	28	2.0	25	1.6
Failure to Keep Right	27	1.9	22	1.5	24	1.6
Failure to Yield R.O.W.	235	16.4	249	17.4	244	16.1
Following Too Closely	192	13.4	255	17.8	235	15.5
Passing/Lane Violations	174	12.1	168	11.7	174	11.5
Traffic Control Disregarded	84	5.9	99	6.9	102	6.7
Turning Improperly	83	5.8	72	5.0	48	3.2
Unsafe Speed*	161	11.2	155	10.8	216	14.2

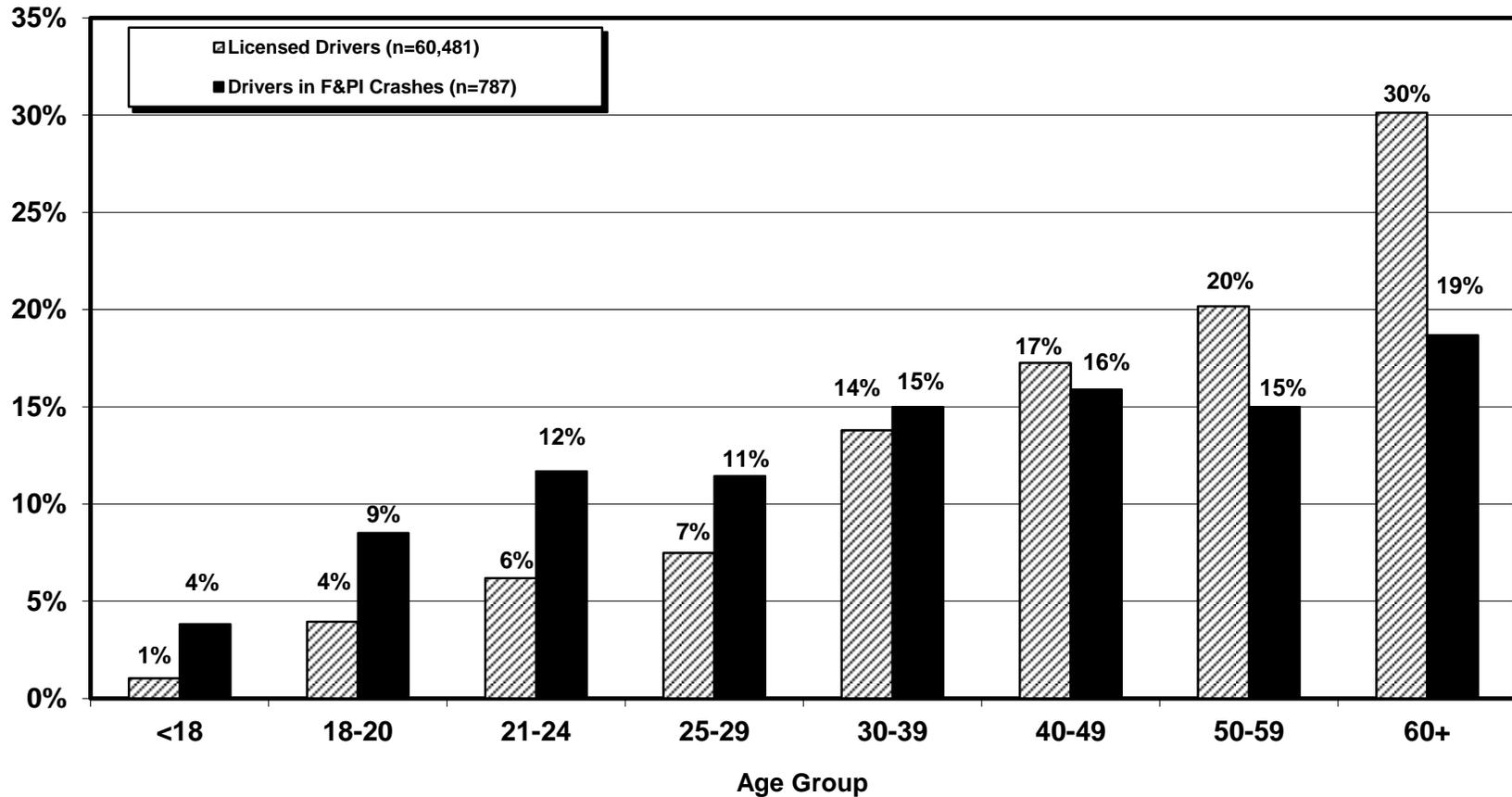
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	651	100.0	54	630	100.0	53
Under Age 4	5	0.8	0	6	1.0	0
Ages 4-6	4	0.6	0	9	1.4	1
Ages 7-15	33	5.1	8	36	5.7	11
Ages 16-17	39	6.0	3	18	2.9	2
Ages 18-20	71	10.9	9	56	8.9	5
Ages 21-29	127	19.5	12	134	21.3	8
Ages 30-39	86	13.2	3	85	13.5	9
Ages 40-49	78	12.0	5	89	14.1	4
Ages 50-59	106	16.3	8	90	14.3	7
Ages 60-69	53	8.1	4	49	7.8	3
Ages 70 and Over	45	6.9	2	56	8.9	3
Unknown Age	4	0.6	0	2	0.3	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	522	100.0	560	100.0	534	100.0
No Restraint Used	50	9.6	44	7.9	41	7.7
Restraint Used	444	85.1	493	88.0	479	89.7
Unknown	28	5.4	23	4.1	14	2.6
Motorcyclists	29	100.0	26	100.0	27	100.0
No Helmet Used	3	10.3	4	15.4	0	0.0
Helmet Used	24	82.8	21	80.8	25	92.6
Unknown	2	6.9	1	3.8	2	7.4
Bicyclists	24	100.0	23	100.0	23	100.0
No Helmet Used	16	66.7	17	73.9	17	73.9
Helmet Used	1	4.2	4	17.4	3	13.0
Unknown	7	29.2	2	8.7	3	13.0

FIGURE 1
Chemung 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. 15 drivers in fatal and personal injury crashes were excluded due to unknown age.

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

Chemung 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															
Ashland	1,315	1.5	25.0	2.2	52.6	6	0.2	10	4	0.2	5	11	0.4	16	
Baldwin	846	0.9	49.4	4.4	17.1	3	0.1	3	3	0.1	4	2	<0.1	2	
Big Flats	7,606	8.5	120.6	10.6	63.1	60	0.5	74	58	0.5	81	55	0.5	69	
Catlin	2,716	3.0	78.4	6.9	34.6	12	0.2	15	13	0.2	12	10	0.1	10	
Chemung	2,646	2.9	102.5	9.0	25.8	29	0.3	33	16	0.2	21	25	0.2	33	
Elmira	6,058	6.7	66.8	5.9	90.7	20	0.3	23	21	0.3	27	19	0.3	21	
Erin	2,060	2.3	83.0	7.3	24.8	5	0.1	7	7	0.1	8	7	0.1	9	
Horseheads	9,933	11.0	105.3	9.3	94.3	50	0.5	70	54	0.5	74	45	0.4	66	
Southport	10,881	12.1	129.7	11.4	83.9	32	0.2	43	34	0.3	44	34	0.3	52	
Van Etten	927	1.0	72.3	6.4	12.8	4	0.1	4	7	0.1	7	6	0.1	7	
Veteran	2,974	3.3	90.5	8.0	32.9	12	0.1	16	19	0.2	29	18	0.2	21	
Villages															
Elmira Heights	4,046	4.5	22.3	2.0	181.4	6	0.3	9	9	0.4	11	19	0.9	22	
Horseheads	6,425	7.1	36.5	3.2	176.0	43	1.2	55	62	1.7	78	53	1.5	73	
Millport	293	0.3	3.8	0.3	77.1	2	0.5	1	2	0.5	3	2	0.5	4	
Van Etten	569	0.6	7.3	0.6	77.9	1	0.1	1	0	na	na	1	0.1	2	
Wellsburg	616	0.7	5.9	0.5	104.4	1	0.2	1	4	0.7	8	3	0.5	10	
City															
Elmira	30,073	33.4	133.8	11.8	224.8	184	1.4	247	178	1.3	235	166	1.2	209	
Other															
unknown	na	na	na	na	na	2	na	3	2	na	4	4	na	4	
Chemung County Total						472	0.4	615	493	0.4	651	480	0.4	630	
New York State						134,948	1.2	187,182	135,270	1.2	188,758	129,113	1.1	178,598	

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

SECTION 2

Alcohol-Related Crash Summary Report

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

Chemung 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	77	8,873	0.9	68	8,613	0.8	62	8,461	0.7
Fatal Crashes	2	329	0.6	2	327	0.6	3	330	0.9
Non-Fatal Personal Injury Crashes	32	4,676	0.7	28	4,445	0.6	19	4,298	0.4
Reportable Property Damage Crashes	43	3,868	1.1	38	3,841	1.0	40	3,833	1.0
Manner of Collision									
Single Vehicle Crashes	47	4,843	1.0	49	4,798	1.0	40	4,646	0.9
Multiple Vehicle Crashes	30	4,030	0.7	19	3,815	0.5	22	3,815	0.6
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	2	432	0.5	5	408	1.2	1	460	0.2
A-R Bicycle/Motor Vehicle Crashes	3	118	2.5	1	100	1.0	1	105	1.0
A-R Motorcycle Crashes	6	191	3.1	1	227	0.4	1	204	0.5
Fatalities									
Persons Killed (1)	2	361	0.6	2	354	0.6	3	362	0.8
Drivers Killed	1	198	0.5	1	206	0.5	3	185	1.6
<i>Drinking Drivers</i>	1	175	0.6	1	191	0.5	3	170	1.8
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	0	64	0.0	1	64	1.6	0	73	0.0
Pedestrians Killed	0	91	0.0	0	79	0.0	0	91	0.0
Bicyclists Killed	1	8	12.5	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)	45	6,810	0.7	32	6,337	0.5	23	6,121	0.4
Drivers Injured	31	4,321	0.7	17	4,031	0.4	16	3,874	0.4
Passengers Injured	10	1,959	0.5	7	1,815	0.4	4	1,726	0.2
Pedestrians Injured	2	369	0.5	5	344	1.5	1	382	0.3
Bicyclists Injured	2	107	1.9	1	95	1.1	1	91	1.1
Other	0	54	0.0	2	52	3.8	1	48	2.1

(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
Alcohol-Related Motor Vehicle Crashes
Chemung County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	62	29	3	6	24	0
Sunday	11	7	0	1	3	0
Monday	8	3	2	2	1	0
Tuesday	3	3	0	0	0	0
Wednesday	10	3	0	2	5	0
Thursday	5	2	1	0	2	0
Friday	11	3	0	0	8	0
Saturday	14	8	0	1	5	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	91	100.0	79	100.0	74	100.0
Male	67	73.6	50	63.3	53	71.6
<i>Drinking Drivers</i>	57	62.6	42	53.2	45	60.8
<i>Non-Drinking Drivers</i>	10	11.0	8	10.1	8	10.8
Female	24	26.4	29	36.7	18	24.3
<i>Drinking Drivers</i>	16	17.6	22	27.8	14	18.9
<i>Non-Drinking Drivers</i>	8	8.8	7	8.9	4	5.4
Unknown	0	0.0	0	0.0	3	4.1
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	3	4.1
Drinking Drivers	73	100.0	64	100.0	59	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	11.0	8	12.5	8	13.6
Ages 21-29	23	31.5	22	34.4	18	30.5
Ages 30-39	16	21.9	12	18.8	13	22.0
Ages 40-49	14	19.2	8	12.5	12	20.3
Ages 50-59	8	11.0	12	18.8	6	10.2
Age 60 and Over	4	5.5	2	3.1	2	3.4
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	18	100.0	15	100.0	15	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	5.6	1	6.7	2	13.3
Ages 21-29	5	27.8	6	40.0	1	6.7
Ages 30-39	5	27.8	3	20.0	3	20.0
Ages 40-49	4	22.2	1	6.7	3	20.0
Ages 50-59	1	5.6	1	6.7	3	20.0
Age 60 and Over	2	11.1	3	20.0	0	0.0
Unknown Age	0	0.0	0	0.0	3	20.0

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

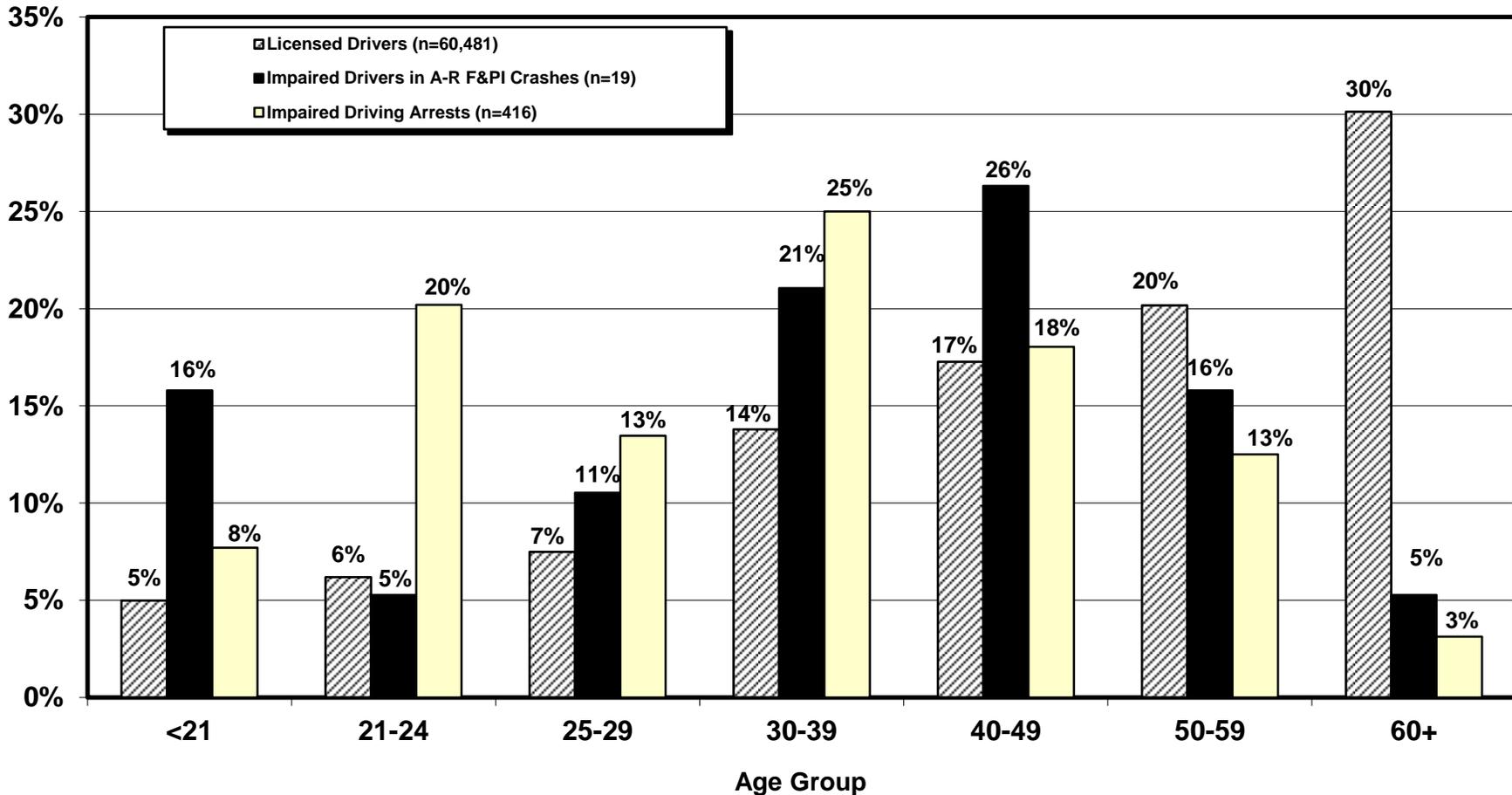
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	77		68		62	
Driver Inattention/Distracted	7	9.1	4	5.9	6	9.7
Failure to Keep Right	4	5.2	3	4.4	0	0.0
Failure to Yield R.O.W.	2	2.6	5	7.4	4	6.5
Fell Asleep	2	2.6	0	0.0	4	6.5
Following Too Closely	4	5.2	4	5.9	2	3.2
Passing/Lane Violations	24	31.2	20	29.4	17	27.4
Traffic Control Disregarded	2	2.6	2	2.9	3	4.8
Unsafe Speed	10	13.0	16	23.5	10	16.1

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	34	100.0	6	26	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	0	0.0	0
Ages 16-17	3	8.8	1	0	0.0	0
Ages 18-20	5	14.7	1	4	15.4	0
Ages 21-29	12	35.3	1	5	19.2	0
Ages 30-39	1	2.9	0	7	26.9	2
Ages 40-49	4	11.8	1	6	23.1	0
Ages 50-59	6	17.6	2	3	11.5	0
Ages 60-69	1	2.9	0	1	3.8	0
Ages 70 and Over	1	2.9	0	0	0.0	0
Unknown Age	1	2.9	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	33	100.0	25	100.0	22	100.0
No Restraint Used	9	27.3	7	28.0	7	31.8
Restraint Used	23	69.7	18	72.0	15	68.2
Unknown	1	3.0	0	0.0	0	0.0
Motorcyclists	9	100.0	1	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	7	77.8	1	100.0	0	0.0
Unknown	2	22.2	0	0.0	1	100.0
Bicyclists	3	100.0	1	100.0	1	100.0
No Helmet Used	3	100.0	0	0.0	1	100.0
Helmet Used	0	0.0	1	100.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Chemung 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**

Chemung 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	165	28,877	0.6	162	28,168	0.6	218	28,147	0.8
Fatal Crashes	0	314	0.0	2	289	0.7	1	284	0.4
Non-Fatal Personal Injury Crashes	58	13,202	0.4	69	12,846	0.5	67	12,838	0.5
Reportable Property Damage Crashes	107	15,361	0.7	91	15,033	0.6	150	15,025	1.0
Manner of Collision									
Single Vehicle Crashes	127	17,351	0.7	130	16,991	0.8	161	16,379	1.0
Multiple Vehicle Crashes	38	11,526	0.3	32	11,177	0.3	57	11,768	0.5
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	0	130	0.0	0	133	0.0
S-R Motorcycle Crashes	7	755	0.9	4	846	0.5	4	808	0.5
Fatalities									
Persons Killed (1)	0	357	0.0	2	319	0.6	1	319	0.3
Drivers Killed	0	237	0.0	1	231	0.4	1	211	0.5
<i>Speeding Drivers</i>	0	211	0.0	1	220	0.5	1	195	0.5
<i>Non-Speeding Drivers</i>	0	26	0.0	0	11	0.0	0	16	0.0
Passengers Killed	0	87	0.0	1	70	1.4	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)	71	19,326	0.4	93	18,910	0.5	86	18,843	0.5
Drivers Injured	59	12,890	0.5	60	12,556	0.5	60	12,382	0.5
Passengers Injured	12	5,853	0.2	33	5,723	0.6	26	5,730	0.5
Pedestrians Injured	0	386	0.0	0	422	0.0	0	514	0.0
Bicyclists Injured	0	121	0.0	0	128	0.0	0	130	0.0
Other	0	76	0.0	0	81	0.0	0	87	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
Chemung County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	218	18	89	69	42	0
Sunday	38	2	20	12	4	0
Monday	27	3	10	9	5	0
Tuesday	31	2	10	10	9	0
Wednesday	38	4	19	9	6	0
Thursday	16	1	6	3	6	0
Friday	34	2	18	9	5	0
Saturday	34	4	6	17	7	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	196	100.0	194	100.0	275	100.0
Male	120	61.2	114	58.8	163	59.3
<i>Speeding Drivers</i>	101	51.5	96	49.5	137	49.8
<i>Non-Speeding Drivers</i>	19	9.7	18	9.3	26	9.5
Female	73	37.2	79	40.7	111	40.4
<i>Speeding Drivers</i>	59	30.1	65	33.5	83	30.2
<i>Non-Speeding Drivers</i>	14	7.1	14	7.2	28	10.2
Unknown	3	1.5	1	0.5	1	0.4
<i>Speeding Drivers</i>	2	1.0	1	0.5	1	0.4
<i>Non-Speeding Drivers</i>	1	0.5	0	0.0	0	0.0
Speeding Drivers	162	100.0	162	100.0	221	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	46	28.4	56	34.6	46	20.8
Ages 21-29	49	30.2	39	24.1	67	30.3
Ages 30-39	17	10.5	27	16.7	36	16.3
Ages 40-49	22	13.6	18	11.1	24	10.9
Ages 50-59	9	5.6	14	8.6	28	12.7
Age 60 and Over	17	10.5	7	4.3	19	8.6
Unknown Age	2	1.2	1	0.6	1	0.5
Non-Speeding Drivers	34	100.0	32	100.0	54	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	8.8	2	6.3	4	7.4
Ages 21-29	5	14.7	9	28.1	10	18.5
Ages 30-39	5	14.7	4	12.5	11	20.4
Ages 40-49	10	29.4	8	25.0	11	20.4
Ages 50-59	6	17.6	6	18.8	11	20.4
Age 60 and Over	4	11.8	3	9.4	7	13.0
Unknown Age	1	2.9	0	0.0	0	0.0

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	165		162		218	
Alcohol Involvement	11	6.7	15	9.3	9	4.1
Driver Inattention/Distraction	7	4.2	7	4.3	8	3.7
Driver Inexperience	7	4.2	5	3.1	4	1.8
Failure to Keep Right	2	1.2	1	0.6	1	0.5
Failure to Yield R.O.W.	1	0.6	0	0.0	1	0.5
Following Too Closely	6	3.6	7	4.3	8	3.7
Passing/Lane Violations	11	6.7	20	12.3	22	10.1
Traffic Control Disregarded	2	1.2	3	1.9	2	0.9

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	95	100.0	0	87	100.0	0
Under Age 4	1	1.1	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	3	3.2	0	5	5.7	0
Ages 16-17	11	11.6	0	4	4.6	0
Ages 18-20	18	18.9	0	16	18.4	0
Ages 21-29	25	26.3	0	20	23.0	0
Ages 30-39	14	14.7	0	19	21.8	0
Ages 40-49	12	12.6	0	9	10.3	0
Ages 50-59	7	7.4	0	7	8.0	0
Ages 60-69	2	2.1	0	5	5.7	0
Ages 70 and Over	2	2.1	0	2	2.3	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	63	100.0	90	100.0	84	100.0
No Restraint Used	8	12.7	9	10.0	9	10.7
Restraint Used	52	82.5	80	88.9	74	88.1
Unknown	3	4.8	1	1.1	1	1.2
Motorcyclists	8	100.0	5	100.0	3	100.0
No Helmet Used	1	12.5	0	0.0	0	0.0
Helmet Used	7	87.5	4	80.0	3	100.0
Unknown	0	0.0	1	20.0	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**

Chemung 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	28	5,150	0.5	30	5,570	0.5	30	5,336	0.6
Fatal Crashes	1	152	0.7	0	180	0.0	2	168	1.2
Non-Fatal Personal Injury Crashes	22	4,347	0.5	25	4,757	0.5	24	4,550	0.5
Reportable Property Damage Crashes	5	651	0.8	5	633	0.8	4	618	0.6
Manner of Collision									
Single Motorcycle Crashes	14	2,270	0.6	12	2,426	0.5	16	2,408	0.7
Multiple Vehicle Crashes	14	2,880	0.5	18	3,144	0.6	14	2,928	0.5
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	63	0.0	0	79	0.0	0	64	0.0
Motorcycle/Bicycle Crashes	1	28	3.6	0	28	0.0	0	27	0.0
Fatalities									
Persons Killed (1)	1	155	0.6	0	185	0.0	2	171	1.2
Drivers Killed	1	146	0.7	0	173	0.0	2	162	1.2
<i>Motorcycle Operators</i>	1	146	0.7	0	172	0.0	2	162	1.2
<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)	30	5,042	0.6	26	5,468	0.5	26	5,180	0.5
Drivers Injured	23	4,444	0.5	24	4,819	0.5	24	4,604	0.5
Passengers Injured	6	505	1.2	2	520	0.4	2	485	0.4
Pedestrians Injured	0	61	0.0	0	85	0.0	0	59	0.0
Bicyclists Injured	1	24	4.2	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**

Chemung County

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	30	1	7	11	11	0
Sunday	5	0	1	3	1	0
Monday	4	0	2	0	2	0
Tuesday	6	1	1	3	1	0
Wednesday	1	0	0	0	1	0
Thursday	3	0	0	2	1	0
Friday	5	0	1	0	4	0
Saturday	6	0	2	3	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	30	100.0	31	100.0	30	100.0
Male	26	86.7	29	93.5	27	90.0
Female	3	10.0	2	6.5	3	10.0
Unknown	1	3.3	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	10.0	2	6.5	4	13.3
Ages 21-29	8	26.7	9	29.0	6	20.0
Ages 30-39	4	13.3	7	22.6	1	3.3
Ages 40-49	8	26.7	3	9.7	8	26.7
Ages 50-59	3	10.0	7	22.6	7	23.3
Ages 60 and Over	3	10.0	3	9.7	4	13.3
Unknown Age	1	3.3	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	26		29		28	
Alcohol Involvement	6	23.1	1	3.4	0	0.0
Driver Inattention/Distraction	4	15.4	6	20.7	2	7.1
Driver Inexperience	1	3.8	4	13.8	4	14.3
Failure to Keep Right	0	0.0	1	3.4	0	0.0
Failure to Yield R.O.W.	5	19.2	11	37.9	5	17.9
Following Too Closely	2	7.7	4	13.8	5	17.9
Passing/Lane Violations	4	15.4	3	10.3	3	10.7
Traffic Control Disregarded	1	3.8	0	0.0	1	3.6
Turning Improperly	2	7.7	0	0.0	2	7.1
Unsafe Speed	7	26.9	3	10.3	4	14.3

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	29	100.0	26	100.0	28	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	3.4	0	0.0	0	0.0
Ages 16-17	0	0.0	0	0.0	3	10.7
Ages 18-20	2	6.9	2	7.7	1	3.6
Ages 21-29	9	31.0	8	30.8	6	21.4
Ages 30-39	3	10.3	4	15.4	0	0.0
Ages 40-49	8	27.6	3	11.5	9	32.1
Ages 50-59	3	10.3	7	26.9	6	21.4
Ages 60-69	2	6.9	2	7.7	3	10.7
Ages 70 and Over	1	3.4	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2009		2010		2011	
	#	%	#	%	#	%
Motorcyclists	29	100.0	26	100.0	27	100.0
No Helmet Used	3	10.3	4	15.4	0	0.0
Helmet Used	24	82.8	21	80.8	25	92.6
Unknown	2	6.9	1	3.8	2	7.4

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	2,614	0.9	5,640	0.9
2008	2,934	0.9	5,832	0.9
2009	3,022	0.9	5,938	0.9
2010	3,164	0.9	6,089	0.9
2011	3,304	1.0	6,184	0.9

SECTION 5

Ticket Data

CHEMUNG COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	21,261	21,606	18,570
SPEED (V&T 1180)	4,778	4,834	3,441
% of total tickets	22.5%	22.4%	18.5%
% convicted on same charge (of adjudicated cases)	76.8%	73.4%	72.4%
SAFETY RESTRAINTS (V&T 1229c)	1,729	1,888	1,340
% of total tickets	8.1%	8.7%	7.2%
% convicted on same charge (of adjudicated cases)	90.7%	93.0%	89.8%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	88	85	129
IMPAIRED DRIVING (V&T 1192)	1,012	770	739
% of total tickets	4.8%	3.6%	4.0%
Persons Arrested for Impaired Driving	(N=573)	(N=433)	(N=416)
Case adjudicated	93.0%	93.1%	92.3%
Case pending	7.0%	6.9%	7.7%
Adjudicated Cases*	(N=533)	(N=403)	(N=384)
Convicted on original 1192 charge	54.4%	51.9%	54.2%
Convicted on other 1192 charge	35.5%	38.7%	36.4%
Convicted on non-1192 charge	0.6%	0.7%	0.8%
Dismissed/Acquitted/Convicted on charge associated with different event	6.6%	8.7%	8.6%
* 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.

CHEMUNG COUNTY

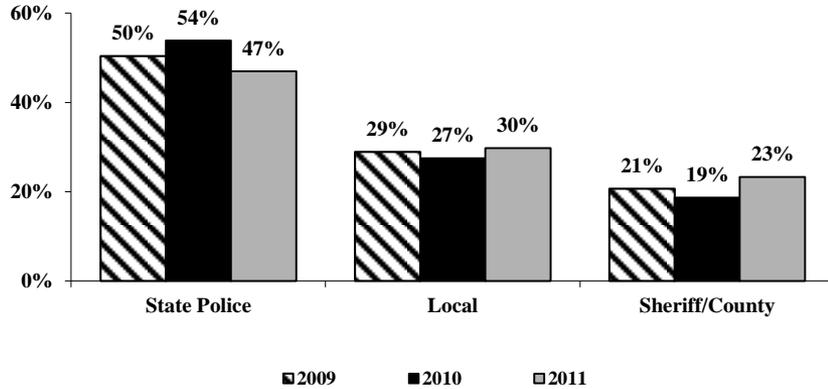
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	112	106	102
Number of Persons on Probation	323	332	319

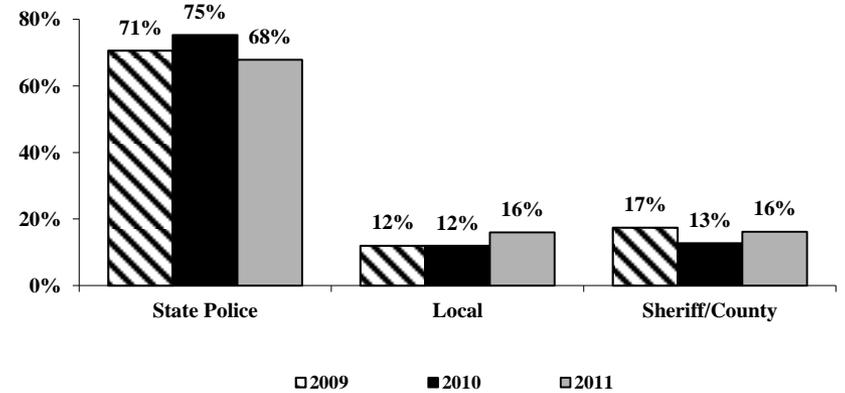
Source: NYS Division of Probation and Correctional Alternatives.

Chemung County Tickets Issued by TSLED Agencies By Agency Type

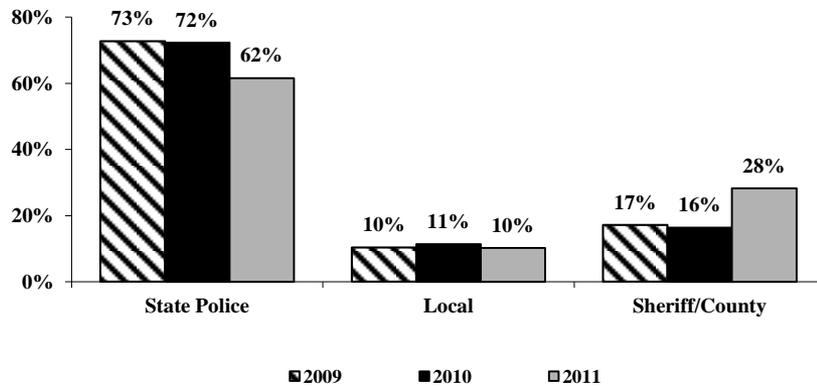
All Tickets



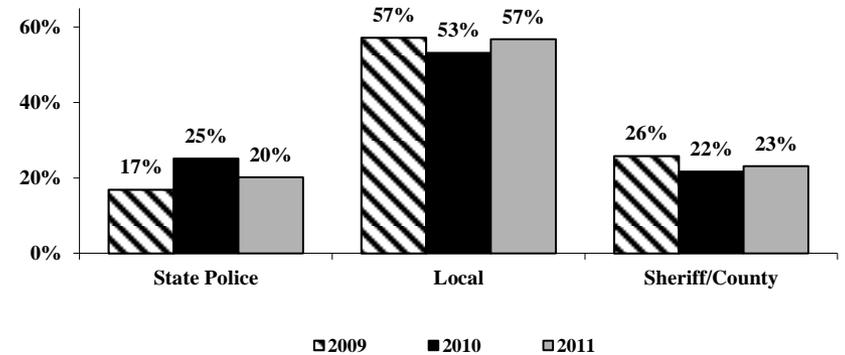
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CHEMUNG 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
Chemung Sheriff NCIC 00700	alcohol	269	32.4	26.6	172	30.3	22.3	179	30.4	24.2
	speed	817	63.6	17.1	793	59.4	16.4	972	73.9	28.2
	seatbelt	301	59.8	17.4	240	51.6	12.7	217	50.3	16.2
Elmira P.D. NCIC 00701	alcohol	373	45.0	36.9	252	44.4	32.7	302	51.4	40.9
	speed	92	7.2	1.9	128	9.6	2.6	94	7.1	2.7
	seatbelt	78	15.5	4.5	65	14.0	3.4	45	10.4	3.4
Elmira Hgts. P.D. NCIC 00721	alcohol	48	5.8	4.7	33	5.8	4.3	28	4.8	3.8
	speed	58	4.5	1.2	104	7.8	2.2	63	4.8	1.8
	seatbelt	29	5.8	1.7	83	17.8	4.4	68	15.8	5.1
Horseheads P.D. NCIC 00722	alcohol	86	10.4	8.5	101	17.8	13.1	62	10.5	8.4
	speed	224	17.4	4.7	252	18.9	5.2	171	13.0	5.0
	seatbelt	88	17.5	5.1	74	15.9	3.9	100	23.2	7.5
Town of Elmira Trf. Dist.1 NCIC 00725	alcohol	53	6.4	5.2	9	1.6	1.2	17	2.9	2.3
	speed	93	7.2	1.9	57	4.3	1.2	15	1.1	0.4
	seatbelt	7	1.4	0.4	3	0.6	0.2	1	0.2	0.1
Totals by Agency Type										
Sheriff and Local	alcohol	829		81.9	567		73.6	588		79.6
	speed	1,284		26.9	1,334		27.6	1,315		38.2
	seatbelt	503		29.1	465		24.6	431		32.2
State Police	alcohol	181		17.9	203		26.4	151		20.4
	speed	3,471		72.6	3,493		72.3	2,118		61.6
	seatbelt	1,220		70.6	1,422		75.3	909		67.8
Other <i>incl. Park Police</i>	alcohol	2		0.2	0		0.0	0		0.0
	speed	23		0.5	7		0.1	8		0.2
	seatbelt	6		0.3	1		0.1	0		0.0
County Totals										
	alcohol	1,012			770			739		
	speed	4,778			4,834			3,441		
	seatbelt	1,729			1,888			1,340		

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