

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

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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 2011-2013. Four summary reports provide detailed crash data for the three years 2011-2013. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. Caution is advised in interpreting the data in cases where the numbers are very small.

For assistance in using the data in this document or to request additional information about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

**Institute for Traffic Safety
Management and Research**
80 Wolf Road, Suite 607
Albany, New York 12205
Telephone: 518-453-0291

OR

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

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

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

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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	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	1,659	307,550	0.5	1,526	294,757	0.5	1,519	304,804	0.5
Fatal Crashes	14	1,077	1.3	8	1,082	0.7	7	1,109	0.6
Non-Fatal Personal Injury Crashes	466	128,036	0.4	457	123,296	0.4	440	124,505	0.4
Reportable Property Damage Crashes	1,179	178,437	0.7	1,061	170,379	0.6	1,072	179,190	0.6
Manner of Collision									
Single Vehicle Crashes	729	98,836	0.7	687	97,456	0.7	734	101,607	0.7
Multiple Vehicle Crashes	930	208,714	0.4	839	197,301	0.4	785	203,197	0.4
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	31	15,928	0.2	37	15,832	0.2	22	16,432	0.1
Bicycle/Motor Vehicle Crashes	24	6,076	0.4	30	6,137	0.5	21	6,328	0.3
Motorcycle Crashes	30	5,336	0.6	42	5,916	0.7	31	5,190	0.6
Fatalities									
Persons Killed (1)	16	1,153	1.4	8	1,163	0.7	7	1,188	0.6
Drivers Killed	12	597	2.0	6	612	1.0	6	625	1.0
Passengers Killed	1	203	0.5	2	194	1.0	1	178	0.6
Pedestrians Killed	1	296	0.3	0	312	0.0	0	344	0.0
Bicyclists Killed	2	57	3.5	0	45	0.0	0	40	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
Non-Fatal Injuries									
Persons Injured (1)	614	177,445	0.3	610	169,206	0.4	552	169,177	0.3
Drivers Injured	407	106,335	0.4	371	101,605	0.4	362	101,317	0.4
Passengers Injured	155	48,677	0.3	170	45,532	0.4	146	45,003	0.3
Pedestrians Injured	29	15,689	0.2	40	15,607	0.3	23	16,278	0.1
Bicyclists Injured	21	5,883	0.4	28	5,929	0.5	21	6,140	0.3
Other	2	861	0.2	1	533	0.2	0	439	0.0

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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

TABLE 1.1 Crash and Fatality & Injury Rates			
	2011	2012	2013
Crash Rates			
Crash Rate per 10,000 Population	186.74	171.63	171.63
Crash Rate per 10,000 Licensed Drivers	274.30	253.65	251.85
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	70.91	69.51	63.16
Fatality & Injury Rate per 10,000 Licensed Drivers	104.16	102.72	92.68

TABLE 2 Day of Week/Time of Day: 2013						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,519	124	396	617	335	47
Sunday	144	16	27	59	39	3
Monday	230	16	56	98	52	8
Tuesday	240	17	77	96	45	5
Wednesday	243	24	67	82	61	9
Thursday	200	14	55	90	37	4
Friday	270	14	71	115	58	12
Saturday	192	23	43	77	43	6

TABLE 3(P) Police Investigating Agency						
	2011		2012		2013	
	#	%	#	%	#	%
Total	1,519	100.0	1,356	100.0	1,325	100.0
State Police	389	25.6	342	25.2	346	26.1
County Police	486	32.0	416	30.7	438	33.1
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	644	42.4	598	44.1	541	40.8
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						
	2011		2012		2013	
Total	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

TABLE 5 Driver Gender and Age						
	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	2,503	100.0	2,274	100.0	2,222	100.0
Male	1,324	52.9	1,249	54.9	1,156	52.0
Female	1,104	44.1	941	41.4	991	44.6
Unknown	75	3.0	84	3.7	75	3.4
<hr/>						
Under Age 16	0	0.0	1	<0.1	1	<0.1
Ages 16-20	292	11.7	243	10.7	235	10.6
Ages 21-29	527	21.1	439	19.3	413	18.6
Ages 30-39	402	16.1	362	15.9	348	15.7
Ages 40-49	386	15.4	363	16.0	336	15.1
Ages 50-59	397	15.9	331	14.6	338	15.2
Ages 60-69	229	9.1	252	11.1	270	12.2
Ages 70 and Over	192	7.7	197	8.7	204	9.2
Unknown Age	78	3.1	86	3.8	77	3.5

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

	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	1,519		1,356		1,325	
Alcohol Involvement*	60	3.9	62	4.6	49	3.7
Backing Unsafely	85	5.6	83	6.1	74	5.6
Driver Inattention/Distraction	162	10.7	185	13.6	169	12.8
Driver Inexperience	25	1.6	34	2.5	24	1.8
Failure to Keep Right	24	1.6	28	2.1	36	2.7
Failure to Yield R.O.W.	244	16.1	190	14.0	183	13.8
Following Too Closely	235	15.5	190	14.0	176	13.3
Passing/Lane Violations	174	11.5	190	14.0	144	10.9
Traffic Control Disregarded	102	6.7	107	7.9	87	6.6
Turning Improperly	48	3.2	57	4.2	47	3.5
Unsafe Speed*	216	14.2	139	10.3	167	12.6

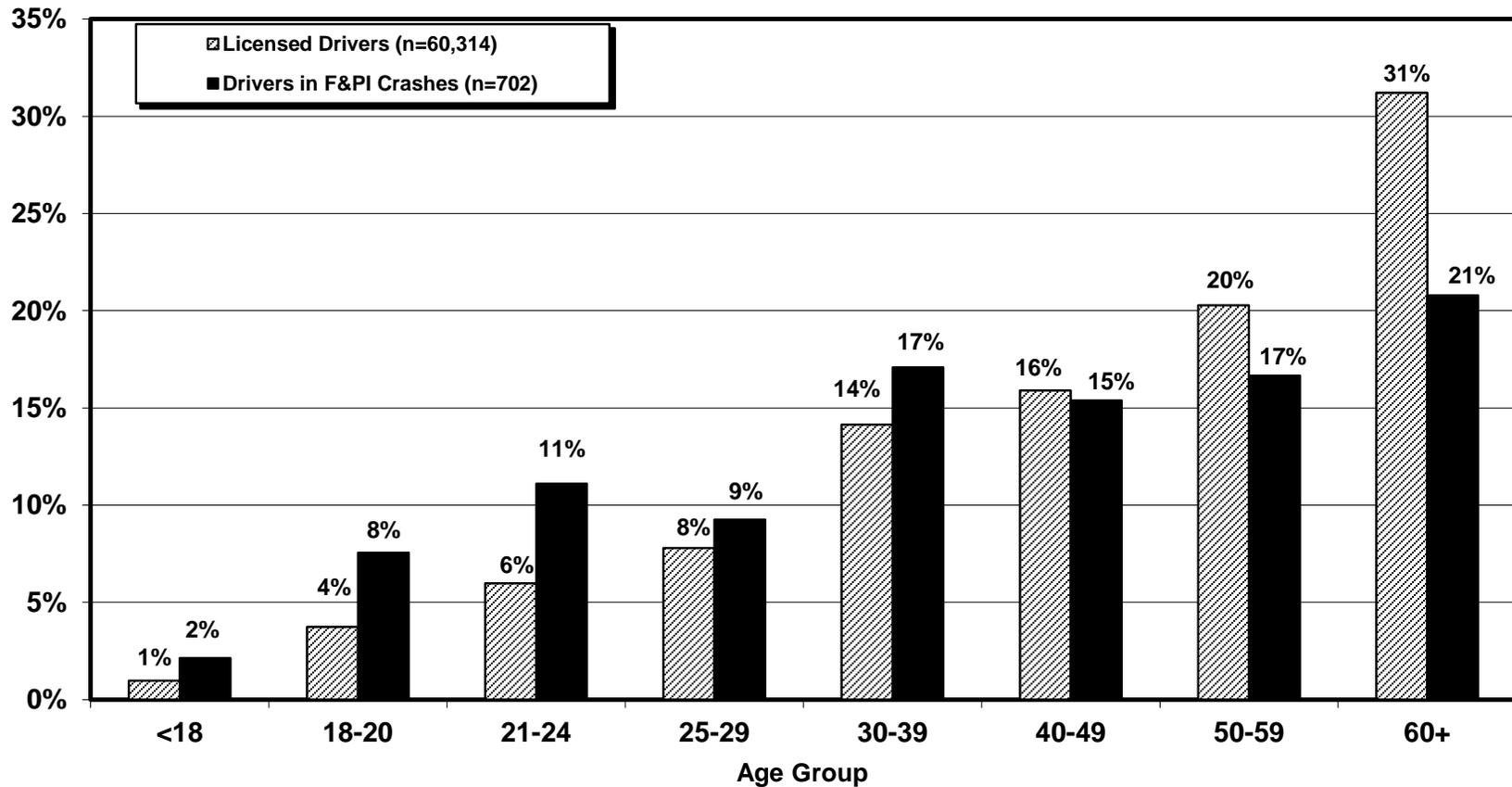
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data on the total number of alcohol-related crashes in the county, see the separate report titled, "Summary of Alcohol-Related Crashes." For data on the total number of speed-related crashes in the county, see the separate report titled, "Summary of Speed-Related Crashes."

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	618	100.0	68	559	100.0	44
Under Age 4	12	1.9	2	9	1.6	0
Ages 4-6	8	1.3	2	8	1.4	2
Ages 7-15	54	8.7	15	31	5.5	9
Ages 16-17	31	5.0	4	16	2.9	1
Ages 18-20	41	6.6	2	39	7.0	2
Ages 21-29	115	18.6	9	113	20.2	6
Ages 30-39	99	16.0	9	80	14.3	11
Ages 40-49	94	15.2	10	78	14.0	5
Ages 50-59	63	10.2	7	73	13.1	4
Ages 60-69	59	9.5	2	52	9.3	2
Ages 70 and Over	40	6.5	4	58	10.4	1
Unknown Age	2	0.3	2	2	0.4	1

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	534	100.0	495	100.0	474	100.0
No Restraint Used	41	7.7	34	6.9	36	7.6
Restraint Used	479	89.7	453	91.5	428	90.3
Unknown	14	2.6	8	1.6	10	2.1
Motorcyclists	27	100.0	40	100.0	22	100.0
No Helmet Used	0	0.0	5	12.5	2	9.1
Helmet Used	25	92.6	35	87.5	20	90.9
Unknown	2	7.4	0	0.0	0	0.0
Bicyclists	23	100.0	28	100.0	21	100.0
No Helmet Used	17	73.9	16	57.1	13	61.9
Helmet Used	3	13.0	5	17.9	3	14.3
Unknown	3	13.0	7	25.0	5	23.8

FIGURE 1
Chemung County 2013
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. 13 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	2011			2012			2013			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
Towns															
Ashland	1,315	1.5	25.0	2.2	52.6	11	0.4	16	6	0.2	7	5	0.2	5	
Baldwin	846	0.9	49.4	4.4	17.1	2	<0.1	2	4	0.1	6	5	0.1	5	
Big Flats	7,606	8.5	120.6	10.6	63.1	55	0.5	69	60	0.5	82	47	0.4	53	
Catlin	2,716	3.0	78.4	6.9	34.6	10	0.1	10	10	0.1	11	12	0.2	13	
Chemung	2,646	2.9	102.5	9.0	25.8	25	0.2	33	20	0.2	24	28	0.3	40	
Elmira	6,058	6.7	66.8	5.9	90.7	19	0.3	21	16	0.2	20	20	0.3	23	
Erin	2,060	2.3	83.0	7.3	24.8	7	0.1	9	14	0.2	17	7	0.1	9	
Horseheads	9,933	11.0	105.3	9.3	94.3	45	0.4	66	49	0.5	85	49	0.5	66	
Southport	10,881	12.1	129.7	11.4	83.9	34	0.3	52	29	0.2	34	26	0.2	32	
Van Etten	927	1.0	72.3	6.4	12.8	6	0.1	7	9	0.1	19	6	0.1	8	
Veteran	2,974	3.3	90.5	8.0	32.9	18	0.2	21	12	0.1	13	20	0.2	24	
Villages															
Elmira Heights	4,046	4.5	22.3	2.0	181.4	19	0.9	22	14	0.6	20	16	0.7	22	
Horseheads	6,425	7.1	36.5	3.2	176.0	53	1.5	73	43	1.2	56	67	1.8	88	
Millport	293	0.3	3.8	0.3	77.1	2	0.5	4	2	0.5	2	1	0.3	1	
Van Etten	569	0.6	7.3	0.6	77.9	1	0.1	2	1	0.1	1	1	0.1	3	
Wellsburg	616	0.7	5.9	0.5	104.4	3	0.5	10	6	1.0	9	6	1.0	10	
City															
Elmira	30,073	33.4	133.8	11.8	224.8	166	1.2	209	167	1.2	209	130	1.0	154	
Other															
unknown	na	na	na	na	na	4	na	4	3	na	3	1	na	3	
Chemung															
County Total	89,984		1133.1		79.4	480	0.4	630	465	0.4	618	447	0.4	559	
New York State	19,227,088		113342.8		169.6	129,113	1.1	178,598	124,378	1.1	170,369	125,614	1.1	170,365	

Source: US Census Bureau redistricting data, 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	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	62	8,461	0.7	64	8,633	0.7	52	8,368	0.6
Fatal Crashes	3	330	0.9	2	325	0.6	2	358	0.6
Non-Fatal Personal Injury Crashes	19	4,298	0.4	34	4,471	0.8	13	4,248	0.3
Reportable Property Damage Crashes	40	3,833	1.0	28	3,837	0.7	37	3,762	1.0
Manner of Collision									
Single Vehicle Crashes	40	4,646	0.9	43	4,725	0.9	34	4,690	0.7
Multiple Vehicle Crashes	22	3,815	0.6	21	3,908	0.5	18	3,678	0.5
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	1	460	0.2	1	495	0.2	2	495	0.4
A-R Bicycle/Motor Vehicle Crashes	1	105	1.0	4	118	3.4	0	127	0.0
A-R Motorcycle Crashes	1	204	0.5	7	215	3.3	2	182	1.1
Fatalities									
Persons Killed (1)	3	362	0.8	2	358	0.6	2	387	0.5
Drivers Killed	3	185	1.6	1	188	0.5	2	214	0.9
<i>Drinking Drivers</i>	3	170	1.8	1	171	0.6	2	201	1.0
<i>Non-Drinking Drivers</i>	0	15	0.0	0	17	0.0	0	13	0.0
Passengers Killed	0	73	0.0	1	62	1.6	0	62	0.0
Pedestrians Killed	0	91	0.0	0	99	0.0	0	98	0.0
Bicyclists Killed	0	13	0.0	0	9	0.0	0	13	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	23	6,121	0.4	36	6,303	0.6	14	6,019	0.2
Drivers Injured	16	3,874	0.4	28	4,011	0.7	10	3,754	0.3
Passengers Injured	4	1,726	0.2	4	1,741	0.2	2	1,729	0.1
Pedestrians Injured	1	382	0.3	1	404	0.2	2	400	0.5
Bicyclists Injured	1	91	1.1	3	105	2.9	0	110	0.0
Other	1	48	2.1	0	42	0.0	0	26	0.0

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

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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

TABLE 2(P) Day of Week/Time of Day: 2013						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	52	22	2	7	21	0
Sunday	5	2	0	1	2	0
Monday	4	1	1	0	2	0
Tuesday	3	1	0	0	2	0
Wednesday	5	1	0	2	2	0
Thursday	9	4	1	1	3	0
Friday	8	2	0	1	5	0
Saturday	18	11	0	2	5	0

TABLE 3(P) Driver Gender and Age						
	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	74	100.0	80	100.0	64	100.0
Male	53	71.6	49	61.3	42	65.6
<i>Drinking Drivers</i>	45	60.8	41	51.3	38	59.4
<i>Non-Drinking Drivers</i>	8	10.8	8	10.0	4	6.3
Female	18	24.3	31	38.8	21	32.8
<i>Drinking Drivers</i>	14	18.9	19	23.8	13	20.3
<i>Non-Drinking Drivers</i>	4	5.4	12	15.0	8	12.5
Unknown	3	4.1	0	0.0	1	1.6
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	3	4.1	0	0.0	1	1.6
Drinking Drivers	59	100.0	60	100.0	51	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	13.6	2	3.3	3	5.9
Ages 21-29	18	30.5	21	35.0	21	41.2
Ages 30-39	13	22.0	22	36.7	12	23.5
Ages 40-49	12	20.3	9	15.0	7	13.7
Ages 50-59	6	10.2	5	8.3	4	7.8
Age 60 and Over	2	3.4	1	1.7	4	7.8
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	15	100.0	20	100.0	13	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	13.3	0	0.0	2	15.4
Ages 21-29	1	6.7	5	25.0	2	15.4
Ages 30-39	3	20.0	2	10.0	2	15.4
Ages 40-49	3	20.0	5	25.0	4	30.8
Ages 50-59	3	20.0	4	20.0	2	15.4
Age 60 and Over	0	0.0	4	20.0	0	0.0
Unknown Age	3	20.0	0	0.0	1	7.7

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

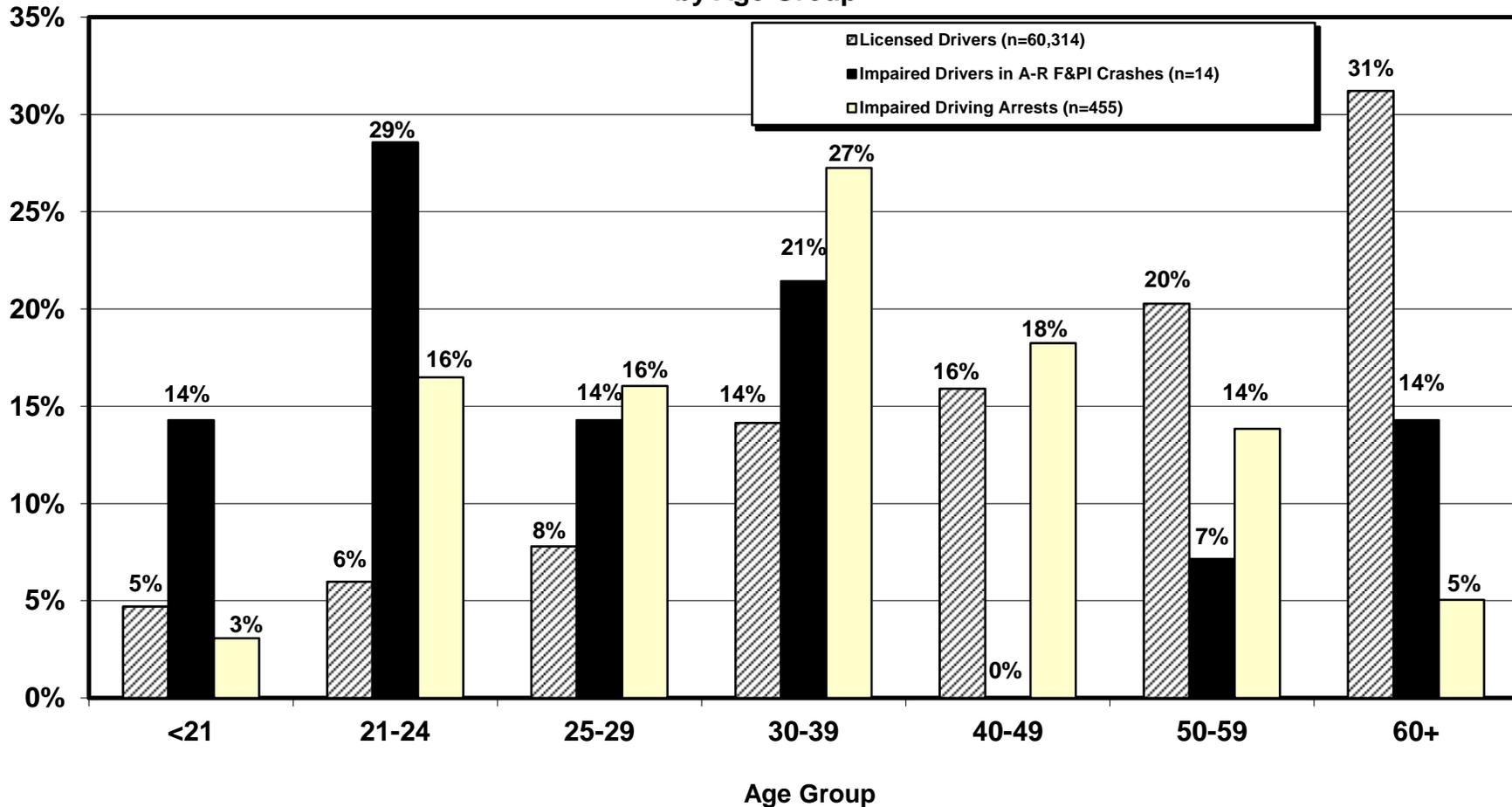
	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	62		64		52	
Driver Inattention/Distracted	6	9.7	6	9.4	6	11.5
Failure to Keep Right	0	0.0	5	7.8	3	5.8
Failure to Yield R.O.W.	4	6.5	2	3.1	2	3.8
Fell Asleep	4	6.5	1	1.6	1	1.9
Following Too Closely	2	3.2	3	4.7	3	5.8
Passing/Lane Violations	17	27.4	16	25.0	13	25.0
Traffic Control Disregarded	3	4.8	1	1.6	2	3.8
Unsafe Speed	10	16.1	8	12.5	11	21.2

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	38	100.0	4	16	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	1	2.6	0	1	6.3	0
Ages 18-20	1	2.6	0	1	6.3	0
Ages 21-29	8	21.1	1	7	43.8	0
Ages 30-39	13	34.2	2	3	18.8	0
Ages 40-49	10	26.3	1	2	12.5	2
Ages 50-59	3	7.9	0	0	0.0	0
Ages 60-69	0	0.0	0	2	12.5	0
Ages 70 and Over	2	5.3	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	22	100.0	26	100.0	13	100.0
No Restraint Used	7	31.8	7	26.9	5	38.5
Restraint Used	15	68.2	17	65.4	8	61.5
Unknown	0	0.0	2	7.7	0	0.0
Motorcyclists	1	100.0	8	100.0	1	100.0
No Helmet Used	0	0.0	2	25.0	0	0.0
Helmet Used	0	0.0	6	75.0	1	100.0
Unknown	1	100.0	0	0.0	0	0.0
Bicyclists	1	100.0	3	100.0	0	0.0
No Helmet Used	1	100.0	3	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

FIGURE 1
Chemung County 2013
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

SECTION 3

Speed-Related Crash Summary Report

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

Chemung County

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	218	28,147	0.8	150	26,630	0.6	173	29,178	0.6
Fatal Crashes	1	284	0.4	2	310	0.6	1	318	0.3
Non-Fatal Personal Injury Crashes	67	12,838	0.5	60	12,216	0.5	63	12,977	0.5
Reportable Property Damage Crashes	150	15,025	1.0	88	14,104	0.6	109	15,883	0.7
Manner of Collision									
Single Vehicle Crashes	161	16,379	1.0	105	15,812	0.7	129	17,164	0.8
Multiple Vehicle Crashes	57	11,768	0.5	45	10,818	0.4	44	12,014	0.4
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	1	488	0.2	0	465	0.0	0	453	0.0
S-R Bicycle/Motor Vehicle Crashes	0	133	0.0	0	113	0.0	0	161	0.0
S-R Motorcycle Crashes	4	808	0.5	7	876	0.8	4	791	0.5
Fatalities									
Persons Killed (1)	1	319	0.3	2	348	0.6	1	352	0.3
Drivers Killed	1	211	0.5	2	242	0.8	1	250	0.4
<i>Speeding Drivers</i>	1	195	0.5	2	215	0.9	1	237	0.4
<i>Non-Speeding Drivers</i>	0	16	0.0	0	27	0.0	0	13	0.0
Passengers Killed	0	91	0.0	0	77	0.0	0	79	0.0
Pedestrians Killed	0	17	0.0	0	27	0.0	0	23	0.0
Bicyclists Killed	0	0	0.0	0	2	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	86	18,843	0.5	83	17,999	0.5	77	18,944	0.4
Drivers Injured	60	12,382	0.5	56	11,899	0.5	53	12,623	0.4
Passengers Injured	26	5,730	0.5	27	5,480	0.5	24	5,656	0.4
Pedestrians Injured	0	514	0.0	0	462	0.0	0	463	0.0
Bicyclists Injured	0	130	0.0	0	114	0.0	0	160	0.0
Other	0	87	0.0	0	44	0.0	0	42	0.0

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

General Notes

- * All tables are based on information received from police reports.
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	173	21	54	62	36	0
Sunday	21	3	5	10	3	0
Monday	30	2	10	13	5	0
Tuesday	34	2	16	11	5	0
Wednesday	15	2	9	2	2	0
Thursday	14	1	6	3	4	0
Friday	38	7	5	17	9	0
Saturday	21	4	3	6	8	0

	2011		2012		2013	
	#	%	#	%	#	%
Total Drivers	275	100.0	195	100.0	217	100.0
Male	163	59.3	130	66.7	141	65.0
<i>Speeding Drivers</i>	137	49.8	101	51.8	116	53.5
<i>Non-Speeding Drivers</i>	26	9.5	29	14.9	25	11.5
Female	111	40.4	65	33.3	75	34.6
<i>Speeding Drivers</i>	83	30.2	46	23.6	60	27.6
<i>Non-Speeding Drivers</i>	28	10.2	19	9.7	15	6.9
Unknown	1	0.4	0	0.0	1	0.5
<i>Speeding Drivers</i>	1	0.4	0	0.0	1	0.5
<i>Non-Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
Speeding Drivers	221	100.0	147	100.0	177	100.0
Under Age 16	0	0.0	1	0.7	0	0.0
Ages 16-20	46	20.8	42	28.6	44	24.9
Ages 21-29	67	30.3	33	22.4	53	29.9
Ages 30-39	36	16.3	29	19.7	28	15.8
Ages 40-49	24	10.9	17	11.6	23	13.0
Ages 50-59	28	12.7	10	6.8	14	7.9
Age 60 and Over	19	8.6	14	9.5	14	7.9
Unknown Age	1	0.5	1	0.7	1	0.6
Non-Speeding Drivers	54	100.0	48	100.0	40	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	7.4	1	2.1	3	7.5
Ages 21-29	10	18.5	8	16.7	7	17.5
Ages 30-39	11	20.4	4	8.3	6	15.0
Ages 40-49	11	20.4	15	31.3	9	22.5
Ages 50-59	11	20.4	10	20.8	10	25.0
Age 60 and Over	7	13.0	10	20.8	5	12.5
Unknown Age	0	0.0	0	0.0	0	0.0

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

TABLE 4(P) Select Crash Contributing Factors						
	2011		2012		2013	
	#	%	#	%	#	%
Total Crashes	218		150		173	
Alcohol Involvement	9	4.1	10	6.7	13	7.5
Driver Inattention/Distraction	8	3.7	9	6.0	9	5.2
Driver Inexperience	4	1.8	8	5.3	5	2.9
Failure to Keep Right	1	0.5	7	4.7	7	4.0
Failure to Yield R.O.W.	1	0.5	2	1.3	2	1.2
Following Too Closely	8	3.7	9	6.0	8	4.6
Passing/Lane Violations	22	10.1	15	10.0	16	9.2
Traffic Control Disregarded	2	0.9	4	2.7	3	1.7

Note: Many crashes have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2012-2013						
Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	85	100.0	0	78	100.0	0
Under Age 4	0	0.0	0	1	1.3	0
Ages 4-6	1	1.2	0	0	0.0	0
Ages 7-15	6	7.1	0	3	3.8	0
Ages 16-17	6	7.1	0	4	5.1	0
Ages 18-20	13	15.3	0	11	14.1	0
Ages 21-29	20	23.5	0	25	32.1	0
Ages 30-39	16	18.8	0	10	12.8	0
Ages 40-49	8	9.4	0	11	14.1	0
Ages 50-59	11	12.9	0	3	3.8	0
Ages 60-69	2	2.4	0	8	10.3	0
Ages 70 and Over	2	2.4	0	2	2.6	0
Unknown Age	0	0.0	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	84	100.0	78	100.0	76	100.0
No Restraint Used	9	10.7	9	11.5	7	9.2
Restraint Used	74	88.1	69	88.5	67	88.2
Unknown	1	1.2	0	0.0	2	2.6
Motorcyclists	3	100.0	7	100.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	3	100.0	7	100.0	2	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

SECTION 4

Motorcycle Crash Summary Report

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

Chemung County

TABLE 1 Crash Summary Totals

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	30	5,336	0.6	42	5,916	0.7	31	5,190	0.6
Fatal Crashes	2	168	1.2	3	164	1.8	1	164	0.6
Non-Fatal Personal Injury Crashes	24	4,550	0.5	33	5,052	0.7	24	4,387	0.5
Reportable Property Damage Crashes	4	618	0.6	6	700	0.9	6	639	0.9
Manner of Collision									
Single Motorcycle Crashes	16	2,408	0.7	26	2,564	1.0	14	2,207	0.6
Multiple Vehicle Crashes	14	2,928	0.5	16	3,352	0.5	17	2,983	0.6
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	64	0.0	1	89	1.1	0	105	0.0
Motorcycle/Bicycle Crashes	0	27	0.0	0	38	0.0	0	36	0.0
Fatalities									
Persons Killed (1)	2	171	1.2	3	173	1.7	1	171	0.6
Drivers Killed	2	162	1.2	2	155	1.3	1	157	0.6
<i>Motorcycle Operators</i>	2	162	1.2	2	154	1.3	1	157	0.6
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	6	0.0	1	11	9.1	0	9	0.0
<i>Motorcycle Passengers</i>	0	6	0.0	1	10	10.0	0	8	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	6	0.0	0	5	0.0
Bicyclists Killed	0	0	0.0	0	1	0.0	0	0	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	26	5,180	0.5	40	5,820	0.7	26	5,017	0.5
Drivers Injured	24	4,604	0.5	32	5,129	0.6	25	4,434	0.6
Passengers Injured	2	485	0.4	6	562	1.1	1	456	0.2
Pedestrians Injured	0	59	0.0	1	88	1.1	0	96	0.0
Bicyclists Injured	0	22	0.0	0	31	0.0	0	29	0.0
Other	0	10	0.0	1	10	10.0	0	2	0.0

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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

Chemung County

TABLE 2 Day of Week/Time of Day: 2013

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	31	1	6	13	10	1
Sunday	2	0	0	1	1	0
Monday	5	0	1	4	0	0
Tuesday	1	0	1	0	0	0
Wednesday	7	0	1	2	4	0
Thursday	4	0	1	2	1	0
Friday	7	0	1	3	2	1
Saturday	5	1	1	1	2	0

TABLE 3 Motorcycle Operator Gender and Age

	2011		2012		2013	
	#	%	#	%	#	%
Total MC Operators	30	100.0	42	100.0	31	100.0
Male	27	90.0	41	97.6	29	93.5
Female	3	10.0	1	2.4	1	3.2
Unknown	0	0.0	0	0.0	1	3.2
Under Age 16	0	0.0	0	0.0	1	3.2
Ages 16-20	4	13.3	2	4.8	2	6.5
Ages 21-29	6	20.0	8	19.0	7	22.6
Ages 30-39	1	3.3	9	21.4	2	6.5
Ages 40-49	8	26.7	13	31.0	5	16.1
Ages 50-59	7	23.3	7	16.7	6	19.4
Ages 60 and Over	4	13.3	3	7.1	7	22.6
Unknown Age	0	0.0	0	0.0	1	3.2

TABLE 4(P) Select Crash Contributing Factors

	2011		2012		2013	
	#	%	#	%	#	%
Total MC Crashes	28		40		26	
Alcohol Involvement	0	0.0	7	17.5	2	7.7
Driver Inattention/Distraction	2	7.1	4	10.0	2	7.7
Driver Inexperience	4	14.3	6	15.0	2	7.7
Failure to Keep Right	0	0.0	1	2.5	1	3.8
Failure to Yield R.O.W.	5	17.9	10	25.0	5	19.2
Following Too Closely	5	17.9	1	2.5	5	19.2
Passing/Lane Violations	3	10.7	6	15.0	2	7.7
Traffic Control Disregarded	1	3.6	3	7.5	1	3.8
Turning Improperly	2	7.1	1	2.5	2	7.7
Unsafe Speed	4	14.3	7	17.5	4	15.4

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						
	2011		2012		2013	
	#	%	#	%	#	%
Age Group	28	100.0	40	100.0	25	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	1	4.0
Ages 16-17	3	10.7	1	2.5	0	0.0
Ages 18-20	1	3.6	1	2.5	2	8.0
Ages 21-29	6	21.4	5	12.5	7	28.0
Ages 30-39	0	0.0	9	22.5	2	8.0
Ages 40-49	9	32.1	16	40.0	3	12.0
Ages 50-59	6	21.4	5	12.5	5	20.0
Ages 60-69	3	10.7	2	5.0	5	20.0
Ages 70 and Over	0	0.0	1	2.5	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2011		2012		2013	
	#	%	#	%	#	%
Motorcyclists	27	100.0	40	100.0	22	100.0
No Helmet Used	0	0.0	5	12.5	2	9.1
Helmet Used	25	92.6	35	87.5	20	90.9
Unknown	2	7.4	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
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
2012	3,280	0.9	6,307	0.9
2013	3,193	0.9	6,348	0.9

SECTION 5

Ticket Data

CHEMUNG COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2011	2012	2013
TOTAL TICKETS ISSUED	18,570	20,137	18,197
SPEED (V&T 1180)	3,441	3,738	3,346
% of total tickets	18.5%	18.6%	18.4%
% convicted on same charge (of adjudicated cases)	72.4%	70.1%	69.5%
SAFETY RESTRAINTS (V&T 1229c)	1,340	1,397	1,366
% of total tickets	7.2%	6.9%	7.5%
% convicted on same charge (of adjudicated cases)	89.8%	89.9%	90.4%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>129</i>	<i>156</i>	<i>119</i>
IMPAIRED DRIVING (V&T 1192)	739	822	796
% of total tickets	4.0%	4.1%	4.4%
Persons Arrested for Impaired Driving	(N=416)	(N=460)	(N=455)
Case adjudicated	92.3%	89.3%	92.8%
Case pending	7.7%	10.7%	7.2%
Adjudicated Cases*	(N=384)	(N=411)	(N=422)
Convicted on original 1192 charge	54.2%	54.0%	47.6%
Convicted on other 1192 charge	36.4%	39.4%	46.0%
Convicted on non-1192 charge	0.8%	1.0%	1.0%
Dismissed/Acquitted/Convicted on charge associated with different event	8.6%	5.6%	5.4%
* 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.

CHEMUNG COUNTY

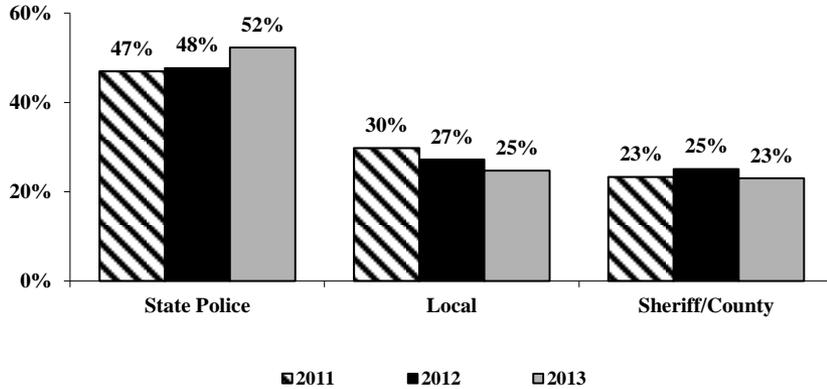
Probation Data for V&T 1192 and 511 Convictions

	2011	2012	2013
Number of Persons Sentenced to Probation	102	109	73
Number of Persons on Probation	319	327	285

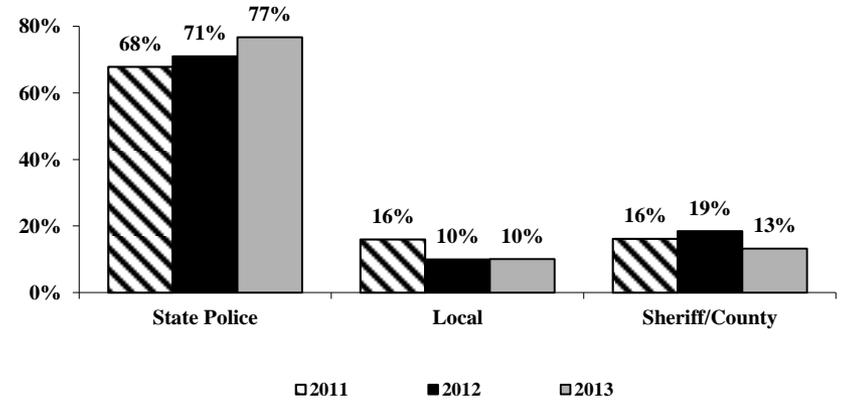
Source: NYS Office of Probation and Correctional Alternatives.

Chemung County Tickets Issued by TSLED Agencies By Agency Type

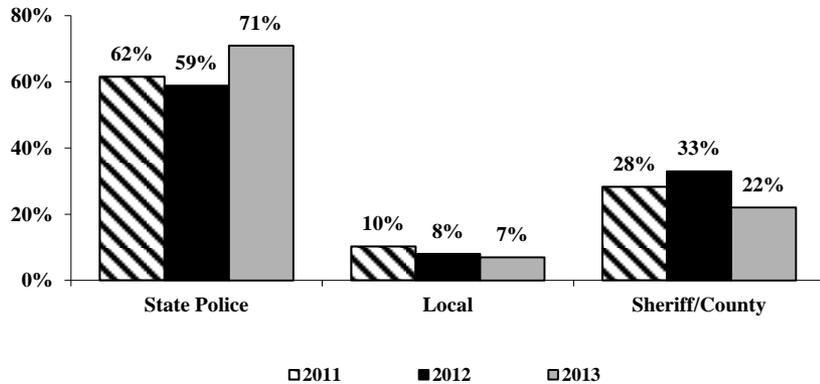
All Tickets



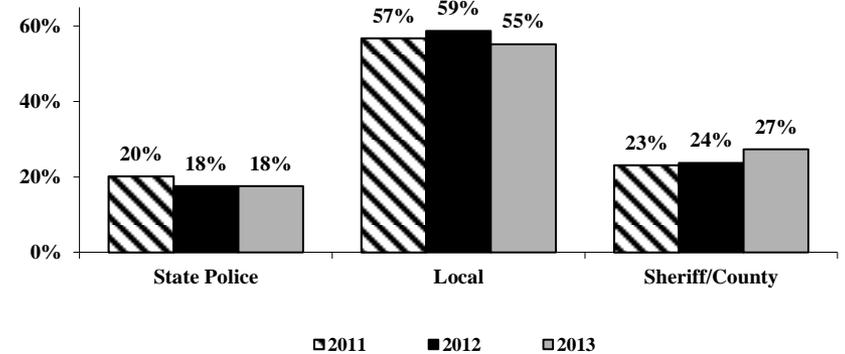
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CHEMUNG COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2011			2012			2013		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Chemung Sheriff NCIC 00700	alcohol	179	30.4	24.2	196	29.2	23.8	224	34.1	28.1
	speed	972	73.9	28.2	1,240	80.7	33.2	738	76.7	22.1
	seatbelt	217	50.3	16.2	259	64.9	18.5	180	56.6	13.2
Elmira P.D. NCIC 00701	alcohol	302	51.4	40.9	352	52.4	42.8	345	52.6	43.3
	speed	94	7.1	2.7	111	7.2	3.0	90	9.4	2.7
	seatbelt	45	10.4	3.4	55	13.8	3.9	41	12.9	3.0
Elmira Hgts. P.D. NCIC 00721	alcohol	28	4.8	3.8	46	6.8	5.6	31	4.7	3.9
	speed	63	4.8	1.8	68	4.4	1.8	50	5.2	1.5
	seatbelt	68	15.8	5.1	47	11.8	3.4	77	24.2	5.6
Horseheads P.D. NCIC 00722	alcohol	62	10.5	8.4	65	9.7	7.9	43	6.6	5.4
	speed	171	13.0	5.0	93	6.1	2.5	67	7.0	2.0
	seatbelt	100	23.2	7.5	36	9.0	2.6	18	5.7	1.3
Town of Elmira Trf. Dist.1 NCIC 00725	alcohol	17	2.9	2.3	13	1.9	1.6	13	2.0	1.6
	speed	15	1.1	0.4	25	1.6	0.7	17	1.8	0.5
	seatbelt	1	0.2	0.1	2	0.5	0.1	2	0.6	0.1
Totals by Agency Type										
Sheriff and Local	alcohol	588		79.6	672		81.8	656		82.4
	speed	1,315		38.2	1,537		41.1	962		28.8
	seatbelt	431		32.2	399		28.6	318		23.3
State Police	alcohol	151		20.4	150		18.2	140		17.6
	speed	2,118		61.6	2,200		58.9	2,383		71.2
	seatbelt	909		67.8	998		71.4	1,048		76.7
Other <i>incl. Park Police</i>	alcohol	0		0.0	0		0.0	0		0.0
	speed	8		0.2	1		<0.1	1		<0.1
	seatbelt	0		0.0	0		0.0	0		0.0
County Totals										
	alcohol	739			822			796		
	speed	3,441			3,738			3,346		
	seatbelt	1,340			1,397			1,366		

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