

CHEMUNG COUNTY

TRAFFIC SAFETY DATA



Prepared by

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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

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SECTION 1

General Accident Summary Report

**New York State Department of Motor Vehicles
Motor Vehicle Accidents[†]
Chemung 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	962	225,848	0.4	1,274	270,700	0.5	1,589	323,106	0.5
Fatal Accidents	8	1,308	0.6	11	1,330	0.8	5	1,220	0.4
Non-Fatal Personal Injury Accidents	592	146,643	0.4	526	138,311	0.4	538	139,117	0.4
Reportable Property Damage Accidents	362	77,897	0.5	737	131,059	0.6	1,046	182,769	0.6
Manner of Collision									
Single Vehicle Accidents	394	66,419	0.6	526	83,588	0.6	720	103,286	0.7
Multiple Vehicle Accidents	568	159,429	0.4	748	187,112	0.4	869	219,820	0.4
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	26	15,703	0.2	26	15,702	0.2	19	15,701	0.1
Bicycle/Motor Vehicle Accidents	33	5,807	0.6	28	5,565	0.5	32	5,535	0.6
Motorcycle Accidents	20	4,892	0.4	29	4,912	0.6	23	5,426	0.4
Fatalities									
Persons Killed (1)	9	1,410	0.6	11	1,433	0.8	6	1,317	0.5
Drivers Killed	6	770	0.8	9	801	1.1	4	762	0.5
Passengers Killed	2	264	0.8	1	269	0.4	1	231	0.4
Pedestrians Killed	1	328	0.3	1	315	0.3	0	272	0.0
Bicyclists Killed	0	47	0.0	0	45	0.0	1	50	2.0
Other	0	1	0.0	0	3	0.0	0	2	0.0
Non-Fatal Injuries									
Persons Injured (1)	788	206,514	0.4	684	195,644	0.3	716	194,255	0.4
Drivers Injured	521	126,615	0.4	448	119,411	0.4	446	119,314	0.4
Passengers Injured	207	57,991	0.4	182	54,629	0.3	220	53,261	0.4
Pedestrians Injured	25	15,392	0.2	24	15,369	0.2	18	15,472	0.1
Bicyclists Injured	33	5,680	0.6	28	5,426	0.5	30	5,373	0.6
Other	2	836	0.2	2	809	0.2	2	835	0.2

[†] 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
Chemung County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	107.47	143.73	180.54
Crash Rate per 10,000 Licensed Drivers	156.21	204.82	251.47
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	89.04	78.41	82.03
Fatality & Injury Rate per 10,000 Licensed Drivers	129.41	111.73	114.26
Mean Severity of Injury (MSI)			
	1.37	1.39	1.35

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,589	142	403	618	380	46
Sunday	191	38	34	48	65	6
Monday	209	8	72	82	38	9
Tuesday	195	17	62	71	43	2
Wednesday	228	24	64	95	39	6
Thursday	239	19	57	103	57	3
Friday	329	13	65	152	88	11
Saturday	198	23	49	67	50	9

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	600	100.0	994	100.0	1,394	100.0
State Police	153	25.5	202	20.3	399	28.6
County Police	162	27.0	337	33.9	424	30.4
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	285	47.5	455	45.8	571	41.0
Unknown	0	0.0	0	0.0	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2005		2006		2007	
	#	%	#	%	#	%
Total	962	100.0	1,274	100.0	1,589	100.0
State Routes	250	26.0	445	34.9	516	32.5
County Routes	99	10.3	223	17.5	323	20.3
Town Routes	197	20.5	124	9.7	151	9.5
Municipal Routes	392	40.7	401	31.5	414	26.1
Parkways	7	0.7	2	0.2	0	0.0
Thruway	0	0.0	0	0.0	0	0.0
Other Interstates	1	0.1	3	0.2	7	0.4
Unknown	16	1.7	76	6.0	178	11.2

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	1,536	100.0	1,996	100.0	2,408	100.0
Male	735	47.9	1,044	52.3	1,239	51.5
Female	708	46.1	857	42.9	1,073	44.6
Unknown	93	6.1	95	4.8	96	4.0
Under Age 16	1	0.1	2	0.1	1	<0.1
Ages 16-20	231	15.0	303	15.2	358	14.9
Ages 21-29	267	17.4	352	17.6	463	19.2
Ages 30-39	223	14.5	297	14.9	368	15.3
Ages 40-49	242	15.8	353	17.7	416	17.3
Ages 50-59	230	15.0	296	14.8	344	14.3
Ages 60-69	114	7.4	145	7.3	187	7.8
Ages 70 and Over	132	8.6	149	7.5	173	7.2
Unknown Age	96	6.3	99	5.0	98	4.1

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

TABLE 6(P) Select Accident Contributing Factors

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	600		994		1,394	
Alcohol Involvement*	35	5.8	44	4.4	62	4.4
Backing Unsafely	13	2.2	44	4.4	53	3.8
Driver Inattention/Distraction	88	14.7	180	18.1	239	17.1
Driver Inexperience	14	2.3	25	2.5	41	2.9
Failure to Keep Right	8	1.3	26	2.6	33	2.4
Failure to Yield R.O.W.	133	22.2	185	18.6	211	15.1
Following Too Closely	93	15.5	140	14.1	185	13.3
Passing/Lane Violations	59	9.8	104	10.5	141	10.1
Traffic Control Disregarded	42	7.0	65	6.5	92	6.6
Turning Improperly	25	4.2	42	4.2	60	4.3
Unsafe Speed*	104	17.3	101	10.2	202	14.5

* 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.

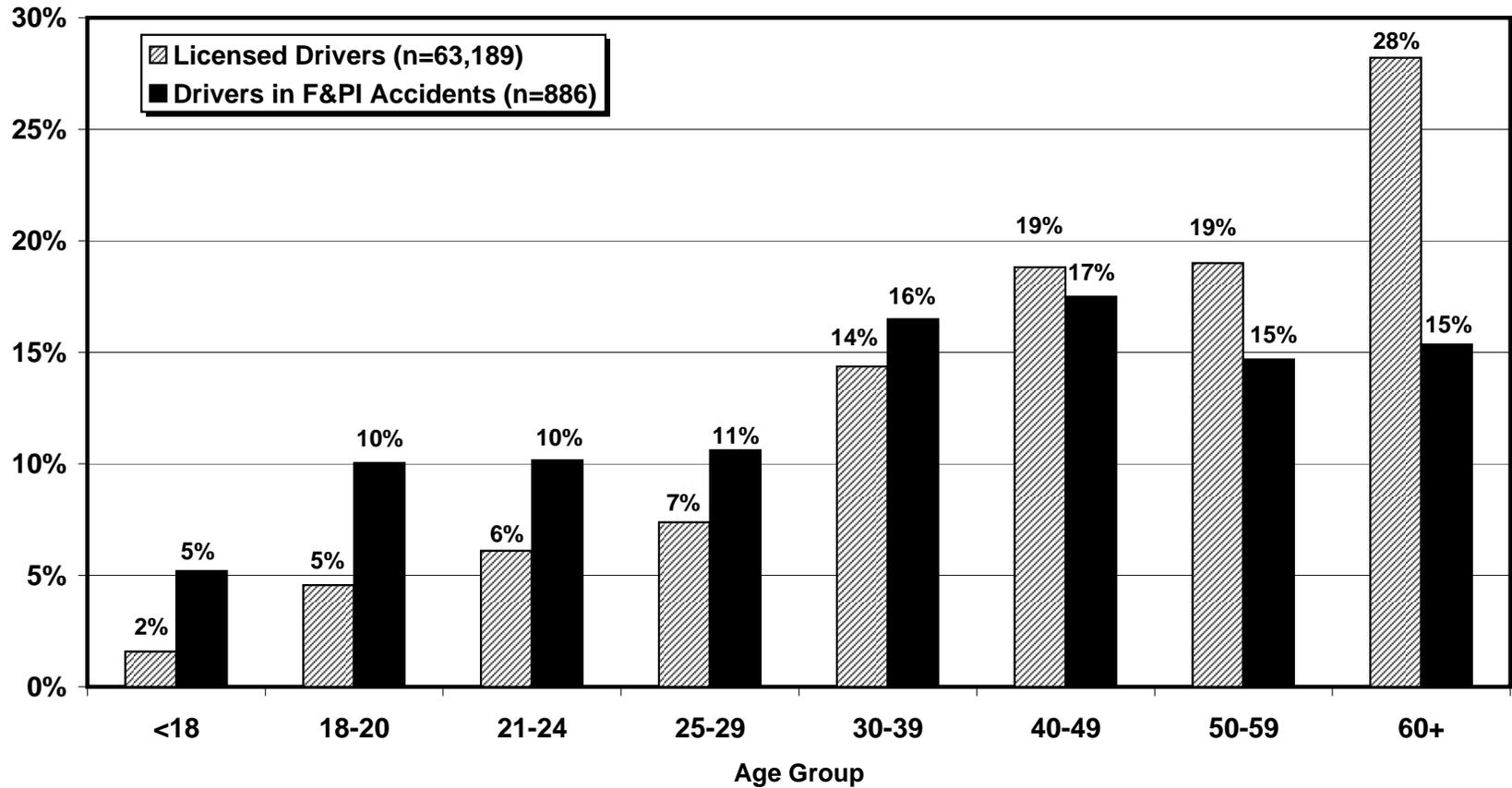
TABLE 7 Persons Killed or Injured by Age Group: 2006-2007

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	695	100.0	53	722	100.0	49
Under Age 4	8	1.2	0	11	1.5	0
Ages 4-6	9	1.3	1	5	0.7	1
Ages 7-15	45	6.5	10	50	6.9	15
Ages 16-17	47	6.8	4	49	6.8	4
Ages 18-20	79	11.4	3	75	10.4	3
Ages 21-29	139	20.0	9	138	19.1	3
Ages 30-39	76	10.9	5	102	14.1	5
Ages 40-49	103	14.8	6	107	14.8	5
Ages 50-59	93	13.4	7	76	10.5	7
Ages 60-69	33	4.7	2	55	7.6	2
Ages 70 and Over	52	7.5	3	36	5.0	0
Unknown Age	11	1.6	3	18	2.5	4

TABLE 8(P) Reported Safety Equipment Use

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	653	100.0	579	100.0	624	100.0
No Restraint Used	42	6.4	37	6.4	41	6.6
Restraint Used	599	91.7	515	88.9	548	87.8
Unknown	12	1.8	27	4.7	35	5.6
Motorcyclists	20	100.0	24	100.0	20	100.0
No Helmet Used	3	15.0	3	12.5	0	0.0
Helmet Used	13	65.0	19	79.2	20	100.0
Unknown	4	20.0	2	8.3	0	0.0
Bicyclists	33	100.0	28	100.0	31	100.0
No Helmet Used	19	57.6	14	50.0	20	64.5
Helmet Used	2	6.1	3	10.7	4	12.9
Unknown	12	36.4	11	39.3	7	22.6

FIGURE 1
Chemung 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. 23 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

Chemung 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															
Ashland	1,315	1.5	25.0	2.2	52.6	17	0.7	1.44	8	0.3	1.67	10	0.4	1.67	
Baldwin	846	0.9	49.4	4.4	17.1	1	<0.1	2.00	5	0.1	2.13	1	<0.1	3.00	
Big Flats	7,606	8.5	120.6	10.6	63.1	68	0.6	1.29	57	0.5	1.56	61	0.5	1.35	
Catlin	2,716	3.0	78.4	6.9	34.6	13	0.2	1.55	16	0.2	1.60	15	0.2	1.45	
Chemung	2,646	2.9	102.5	9.0	25.8	32	0.3	1.81	22	0.2	1.39	29	0.3	1.41	
Elmira	6,058	6.7	66.8	5.9	90.7	26	0.4	1.26	17	0.3	1.46	28	0.4	1.32	
Erin	2,060	2.3	83.0	7.3	24.8	5	0.1	1.00	8	0.1	1.10	10	0.1	1.80	
Horseheads	9,933	11.0	105.3	9.3	94.3	62	0.6	1.54	55	0.5	1.46	65	0.6	1.31	
Southport	10,881	12.1	129.7	11.4	83.9	22	0.2	1.59	35	0.3	1.63	24	0.2	1.35	
Van Etten	927	1.0	72.3	6.4	12.8	8	0.1	1.33	10	0.1	2.00	7	0.1	2.45	
Veteran	2,974	3.3	90.5	8.0	32.9	26	0.3	1.54	13	0.1	1.62	12	0.1	1.25	
Villages															
Elmira Heights	4,046	4.5	22.3	2.0	181.4	25	1.1	1.15	19	0.9	1.19	13	0.6	1.62	
Horseheads	6,425	7.1	36.5	3.2	176.0	55	1.5	1.14	62	1.7	1.18	59	1.6	1.38	
Millport	293	0.3	3.8	0.3	77.1	2	0.5	2.00	5	1.3	1.60	2	0.5	1.40	
Van Etten	569	0.6	7.3	0.6	77.9	3	0.4	1.50	2	0.3	2.67	2	0.3	1.00	
Wellsburg	616	0.7	5.9	0.5	104.4	2	0.3	1.00	2	0.3	2.00	2	0.3	1.25	
City															
Elmira	30,073	33.4	133.8	11.8	224.8	229	1.7	1.30	195	1.5	1.24	201	1.5	1.25	
Other															
unknown	na	na	na	na	na	4	na	na	6	na	na	2	na	na	
Chemung County Total						600	0.5	1.37	537	0.5	1.39	543	0.5	1.35	
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: US Census Bureau redistricting data, 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[†]**

Chemung 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	36	5,776	0.6	48	7,959	0.6	65	9,480	0.7
Fatal Accidents	3	350	0.9	5	359	1.4	2	344	0.6
Non-Fatal Personal Injury Accidents	33	5,270	0.6	26	5,111	0.5	30	4,991	0.6
Reportable Property Damage Accidents	0	156	0.0	17	2,489	0.7	33	4,145	0.8
Manner of Collision									
Single Vehicle Accidents	27	3,142	0.9	32	4,380	0.7	45	5,138	0.9
Multiple Vehicle Accidents	9	2,634	0.3	16	3,579	0.4	20	4,342	0.5
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	3	413	0.7	1	411	0.2	0	403	0.0
A-R Bicycle/Motor Vehicle Accidents	2	104	1.9	0	90	0.0	1	97	1.0
A-R Motorcycle Accidents	0	223	0.0	0	176	0.0	3	217	1.4
Fatalities									
Persons Killed (1)	4	382	1.0	5	397	1.3	2	373	0.5
Drivers Killed	2	217	0.9	5	235	2.1	2	239	0.8
<i>Drinking Drivers</i>	2	195	1.0	5	214	2.3	2	215	0.9
<i>Non-Drinking Drivers</i>	0	22	0.0	0	21	0.0	0	24	0.0
Passengers Killed	2	89	2.2	0	85	0.0	0	65	0.0
Pedestrians Killed	0	72	0.0	0	69	0.0	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)	47	7,724	0.6	33	7,293	0.5	41	7,175	0.6
Drivers Injured	29	4,986	0.6	23	4,753	0.5	26	4,593	0.6
Passengers Injured	13	2,203	0.6	9	2,059	0.4	14	2,072	0.7
Pedestrians Injured	3	370	0.8	1	361	0.3	0	362	0.0
Bicyclists Injured	2	99	2.0	0	79	0.0	1	90	1.1
Other	0	66	0.0	0	41	0.0	0	58	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
Alcohol-Related Motor Vehicle Accidents
Chemung 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	65	32	4	8	21	0
Sunday	20	13	2	1	4	0
Monday	2	0	0	1	1	0
Tuesday	10	5	0	0	5	0
Wednesday	10	4	1	3	2	0
Thursday	3	2	0	0	1	0
Friday	7	1	0	1	5	0
Saturday	13	7	1	2	3	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	44	100.0	61	100.0	79	100.0
Male	30	68.2	43	70.5	61	77.2
<i>Drinking Drivers</i>	25	56.8	38	62.3	53	67.1
<i>Non-Drinking Drivers</i>	5	11.4	5	8.2	8	10.1
Female	13	29.5	18	29.5	18	22.8
<i>Drinking Drivers</i>	8	18.2	9	14.8	12	15.2
<i>Non-Drinking Drivers</i>	5	11.4	9	14.8	6	7.6
Unknown	1	2.3	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	2.3	0	0.0	0	0.0
Drinking Drivers	33	100.0	47	100.0	65	100.0
Under Age 16	1	3.0	0	0.0	0	0.0
Ages 16-20	5	15.2	3	6.4	8	12.3
Ages 21-29	10	30.3	17	36.2	21	32.3
Ages 30-39	12	36.4	9	19.1	15	23.1
Ages 40-49	3	9.1	11	23.4	12	18.5
Ages 50-59	2	6.1	4	8.5	7	10.8
Age 60 and Over	0	0.0	3	6.4	2	3.1
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	11	100.0	14	100.0	14	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	18.2	3	21.4	1	7.1
Ages 21-29	2	18.2	3	21.4	4	28.6
Ages 30-39	4	36.4	3	21.4	3	21.4
Ages 40-49	1	9.1	3	21.4	2	14.3
Ages 50-59	1	9.1	1	7.1	3	21.4
Age 60 and Over	0	0.0	1	7.1	1	7.1
Unknown Age	1	9.1	0	0.0	0	0.0

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

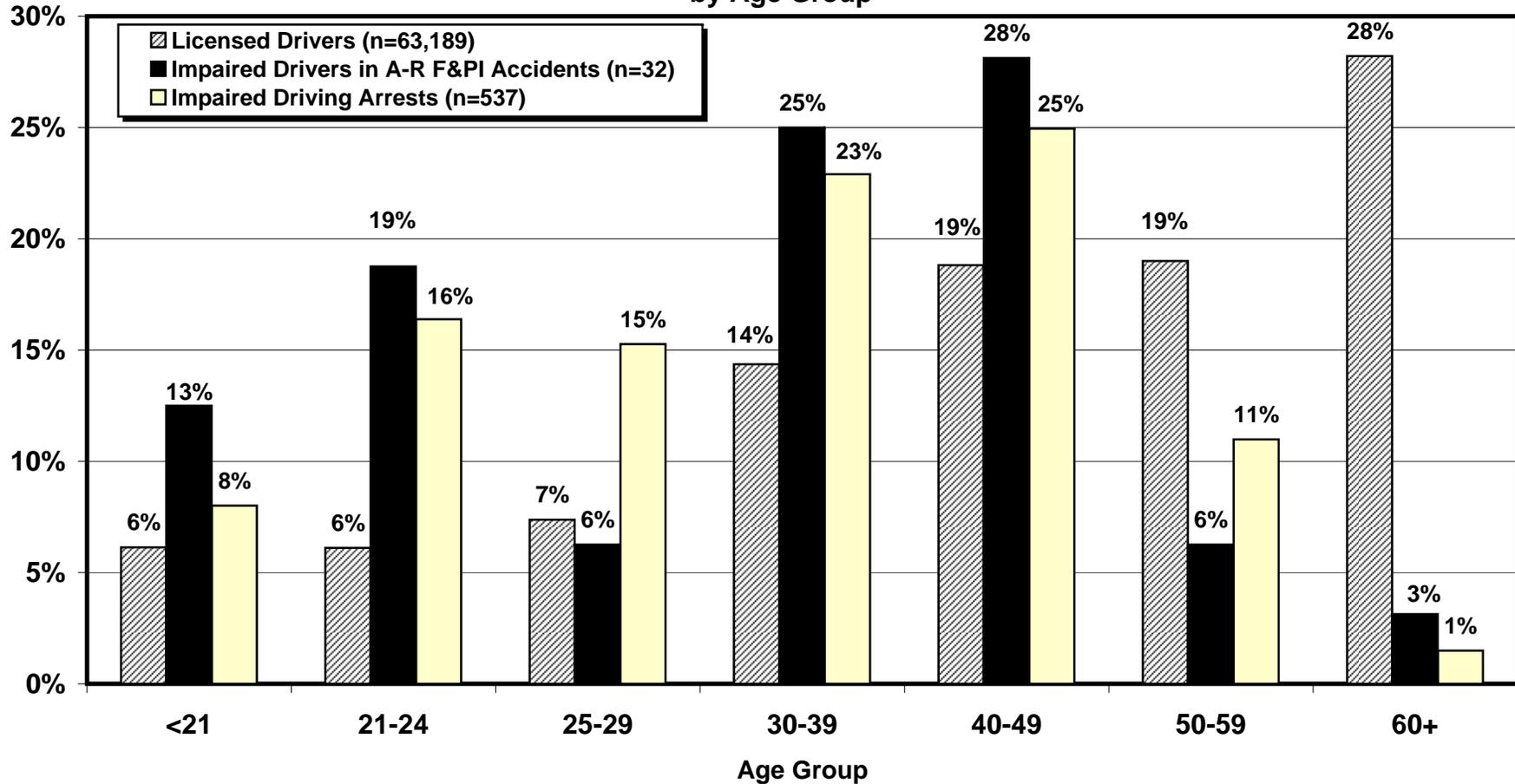
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	36		48		65	
Driver Inattention/Distraction	0	0.0	0	0.0	3	4.6
Failure to Keep Right	2	5.6	6	12.5	3	4.6
Failure to Yield R.O.W.	1	2.8	3	6.3	5	7.7
Fell Asleep	2	5.6	2	4.2	4	6.2
Following Too Closely	1	2.8	4	8.3	2	3.1
Passing/Lane Violations	8	22.2	8	16.7	15	23.1
Traffic Control Disregarded	2	5.6	0	0.0	0	0.0
Unsafe Speed	14	38.9	16	33.3	16	24.6

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	38	100.0	1	43	100.0	1
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	2.3	0
Ages 18-20	3	7.9	0	3	7.0	0
Ages 21-29	16	42.1	1	14	32.6	0
Ages 30-39	5	13.2	0	10	23.3	0
Ages 40-49	7	18.4	0	9	20.9	0
Ages 50-59	4	10.5	0	2	4.7	0
Ages 60-69	0	0.0	0	1	2.3	0
Ages 70 and Over	1	2.6	0	0	0.0	0
Unknown Age	1	2.6	0	3	7.0	1

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	46	100.0	37	100.0	39	100.0
No Restraint Used	9	19.6	9	24.3	6	15.4
Restraint Used	34	73.9	27	73.0	32	82.1
Unknown	3	6.5	1	2.7	1	2.6
Motorcyclists	0	0.0	0	0.0	3	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	3	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	2	100.0	0	0.0	1	100.0
No Helmet Used	1	50.0	0	0.0	1	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	1	50.0	0	0.0	0	0.0

FIGURE 1
Chemung 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[†]**

Chemung 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	104	15,991	0.7	105	20,927	0.5	211	31,729	0.7
Fatal Accidents	5	378	1.3	5	391	1.3	1	369	0.3
Non-Fatal Personal Injury Accidents	91	13,884	0.7	69	13,048	0.5	88	14,405	0.6
Reportable Property Damage Accidents	8	1,729	0.5	31	7,488	0.4	122	16,955	0.7
Manner of Collision									
Single Vehicle Accidents	73	8,757	0.8	67	12,070	0.6	150	19,143	0.8
Multiple Vehicle Accidents	31	7,234	0.4	38	8,857	0.4	61	12,586	0.5
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	365	0.0	1	347	0.3	1	382	0.3
S-R Bicycle/Motor Vehicle Accidents	1	75	1.3	1	88	1.1	1	91	1.1
S-R Motorcycle Accidents	4	753	0.5	4	797	0.5	6	857	0.7
Fatalities									
Persons Killed (1)	6	422	1.4	5	439	1.1	1	406	0.2
Drivers Killed	4	290	1.4	5	305	1.6	1	277	0.4
<i>Speeding Drivers</i>	4	272	1.5	4	281	1.4	1	249	0.4
<i>Non-Speeding Drivers</i>	0	18	0.0	1	24	4.2	0	28	0.0
Passengers Killed	2	103	1.9	0	112	0.0	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)	130	20,752	0.6	85	19,474	0.4	114	21,137	0.5
Drivers Injured	90	13,706	0.7	60	12,816	0.5	80	14,151	0.6
Passengers Injured	39	6,563	0.6	24	6,135	0.4	33	6,427	0.5
Pedestrians Injured	0	354	0.0	0	353	0.0	0	383	0.0
Bicyclists Injured	1	69	1.4	1	83	1.2	1	90	1.1
Other	0	60	0.0	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
Chemung 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	211	23	53	67	68	0
Sunday	48	8	9	7	24	0
Monday	27	3	9	10	5	0
Tuesday	22	1	8	4	9	0
Wednesday	22	3	4	11	4	0
Thursday	29	2	11	9	7	0
Friday	43	1	8	21	13	0
Saturday	20	5	4	5	6	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	136	100.0	147	100.0	274	100.0
Male	72	52.9	92	62.6	151	55.1
<i>Speeding Drivers</i>	55	40.4	71	48.3	120	43.8
<i>Non-Speeding Drivers</i>	17	12.5	21	14.3	31	11.3
Female	64	47.1	53	36.1	121	44.2
<i>Speeding Drivers</i>	50	36.8	35	23.8	92	33.6
<i>Non-Speeding Drivers</i>	14	10.3	18	12.2	29	10.6
Unknown	0	0.0	2	1.4	2	0.7
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	0	0.0	2	1.4	2	0.7
Speeding Drivers	105	100.0	106	100.0	212	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	29	27.6	40	37.7	75	35.4
Ages 21-29	27	25.7	25	23.6	46	21.7
Ages 30-39	18	17.1	13	12.3	31	14.6
Ages 40-49	16	15.2	13	12.3	33	15.6
Ages 50-59	9	8.6	9	8.5	19	9.0
Age 60 and Over	6	5.7	6	5.7	8	3.8
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Speeding Drivers	31	100.0	41	100.0	62	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	16.1	1	2.4	5	8.1
Ages 21-29	7	22.6	11	26.8	6	9.7
Ages 30-39	4	12.9	6	14.6	16	25.8
Ages 40-49	5	16.1	8	19.5	12	19.4
Ages 50-59	7	22.6	6	14.6	12	19.4
Age 60 and Over	3	9.7	7	17.1	9	14.5
Unknown Age	0	0.0	2	4.9	2	3.2

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

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	104		105		211	
Alcohol Involvement	13	12.5	15	14.3	17	8.1
Driver Inattention/Distracted	6	5.8	8	7.6	13	6.2
Driver Inexperience	5	4.8	6	5.7	13	6.2
Failure to Keep Right	4	3.8	2	1.9	5	2.4
Failure to Yield R.O.W.	0	0.0	1	1.0	0	0.0
Following Too Closely	5	4.8	13	12.4	7	3.3
Passing/Lane Violations	6	5.8	9	8.6	18	8.5
Traffic Control Disregarded	0	0.0	1	1.0	6	2.8

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	90	100.0	1	115	100.0	1
Under Age 4	1	1.1	0	1	0.9	0
Ages 4-6	1	1.1	0	0	0.0	0
Ages 7-15	4	4.4	0	3	2.6	0
Ages 16-17	10	11.1	1	14	12.2	0
Ages 18-20	14	15.6	0	17	14.8	0
Ages 21-29	27	30.0	0	24	20.9	0
Ages 30-39	8	8.9	0	19	16.5	0
Ages 40-49	9	10.0	0	16	13.9	0
Ages 50-59	8	8.9	0	14	12.2	1
Ages 60-69	6	6.7	0	4	3.5	0
Ages 70 and Over	1	1.1	0	2	1.7	0
Unknown Age	1	1.1	0	1	0.9	0

TABLE 6(P) Reported Safety Equipment Use						
	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	130	100.0	85	100.0	109	100.0
No Restraint Used	17	13.1	13	15.3	12	11.0
Restraint Used	111	85.4	72	84.7	90	82.6
Unknown	2	1.5	0	0.0	7	6.4
Motorcyclists	5	100.0	4	100.0	5	100.0
No Helmet Used	1	20.0	0	0.0	0	0.0
Helmet Used	4	80.0	4	100.0	5	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	1	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	1	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	1	100.0	1	100.0	0	0.0

SECTION 4

Motorcycle Accident Summary Report

**New York State Department of Motor Vehicles
Motorcycle Accidents[†]**

Chemung 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	20	4,892	0.4	29	4,912	0.6	23	5,426	0.4
Fatal Accidents	0	168	0.0	0	190	0.0	2	164	1.2
Non-Fatal Personal Injury Accidents	18	4,515	0.4	24	4,272	0.6	18	4,727	0.4
Reportable Property Damage Accidents	2	209	1.0	5	450	1.1	3	535	0.6
Manner of Collision									
Single Motorcycle Accidents	9	2,155	0.4	15	2,154	0.7	16	2,318	0.7
Multiple Vehicle Accidents	11	2,737	0.4	14	2,758	0.5	7	3,108	0.2
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	89	0.0	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	0	195	0.0	2	172	1.2
Drivers Killed	0	154	0.0	0	181	0.0	2	162	1.2
<i>Motorcycle Operators</i>	0	153	0.0	0	180	0.0	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	26	4,951	0.5	19	5,503	0.3
Drivers Injured	20	4,592	0.4	25	4,338	0.6	18	4,830	0.4
Passengers Injured	2	606	0.3	1	513	0.2	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**

Chemung 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	23	0	4	10	9	0
Sunday	2	0	0	0	2	0
Monday	3	0	0	2	1	0
Tuesday	5	0	2	0	3	0
Wednesday	0	0	0	0	0	0
Thursday	2	0	0	1	1	0
Friday	5	0	1	3	1	0
Saturday	6	0	1	4	1	0

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	20	100.0	29	100.0	23	100.0
Male	19	95.0	25	86.2	23	100.0
Female	1	5.0	4	13.8	0	0.0
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	2	10.0	5	17.2	1	4.3
Ages 21-29	5	25.0	6	20.7	8	34.8
Ages 30-39	3	15.0	5	17.2	8	34.8
Ages 40-49	5	25.0	4	13.8	4	17.4
Ages 50-59	3	15.0	6	20.7	1	4.3
Ages 60 and Over	2	10.0	3	10.3	1	4.3
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	17		28		21	
Alcohol Involvement	0	0.0	0	0.0	3	14.3
Driver Inattention/Distracted	3	17.6	3	10.7	2	9.5
Driver Inexperience	2	11.8	1	3.6	2	9.5
Failure to Keep Right	0	0.0	0	0.0	1	4.8
Failure to Yield R.O.W.	4	23.5	3	10.7	1	4.8
Following Too Closely	2	11.8	2	7.1	1	4.8
Passing/Lane Violations	5	29.4	3	10.7	5	23.8
Traffic Control Disregarded	0	0.0	1	3.6	0	0.0
Turning Improperly	0	0.0	1	3.6	2	9.5
Unsafe Speed	4	23.5	4	14.3	6	28.6

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

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

Chemung County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2005		2006		2007	
	#	%	#	%	#	%
Age Group	21	100.0	26	100.0	21	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	0	0.0
Ages 16-17	1	4.8	0	0.0	0	0.0
Ages 18-20	1	4.8	5	19.2	1	4.8
Ages 21-29	6	28.6	6	23.1	8	38.1
Ages 30-39	3	14.3	3	11.5	6	28.6
Ages 40-49	6	28.6	2	7.7	4	19.0
Ages 50-59	2	9.5	7	26.9	1	4.8
Ages 60-69	1	4.8	2	7.7	1	4.8
Ages 70 and Over	1	4.8	1	3.8	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	24	100.0	20	100.0
No Helmet Used	3	15.0	3	12.5	0	0.0
Helmet Used	13	65.0	19	79.2	20	100.0
Unknown	4	20.0	2	8.3	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	1,955	0.8	5,097	1.0
2004	2,014	0.8	5,275	0.9
2005	2,208	0.8	5,407	0.9
2006	2,401	0.8	5,434	0.9
2007	2,614	0.9	5,640	0.9

SECTION 5

Ticket Data

CHEMUNG COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	19,512	17,450	22,227
SPEED (V&T 1180)	4,482	3,621	4,807
% of total tickets	23.0%	20.8%	21.6%
% convicted on same charge (of adjudicated cases)	65.7%	74.6%	78.2%
SAFETY RESTRAINTS (V&T 1229c)	1,303	1,055	1,306
% of total tickets	6.7%	6.0%	5.9%
% convicted on same charge (of adjudicated cases)	78.6%	89.7%	88.4%
IMPAIRED DRIVING (V&T 1192)	760	911	959
% of total tickets	3.9%	5.2%	4.3%
Persons Arrested for Impaired Driving	(N=540)	(N=527)	(N=537)
Case adjudicated	90.0%	89.9%	90.7%
Case pending	10.0%	10.1%	9.3%
Adjudicated Cases*	(N=486)	(N=474)	(N=487)
Convicted on original 1192 charge	35.8%	53.0%	53.4%
Convicted on other 1192 charge	56.2%	39.5%	37.6%
Convicted on non-1192 charge	3.1%	1.7%	2.1%
Dismissed/Acquitted/Convicted on charge associated with different event	4.9%	5.9%	7.0%
* 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.

CHEMUNG COUNTY

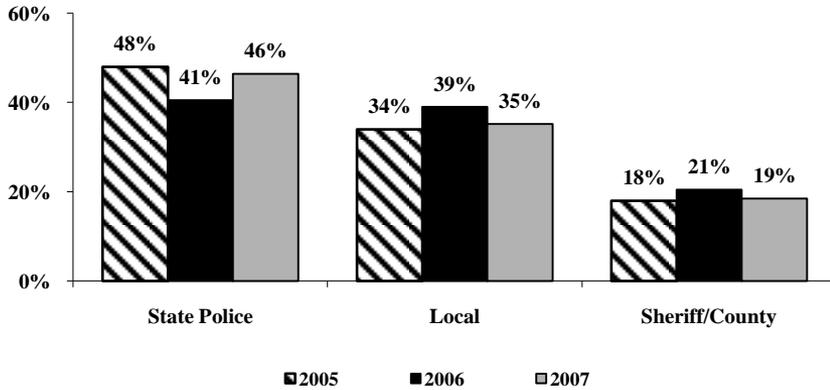
Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	69	57	91
Number of Persons on Probation	230	230	264

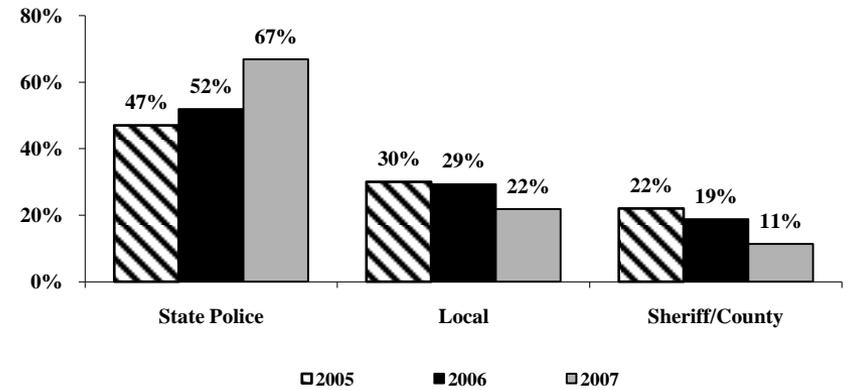
Source: NYS Division of Probation and Correctional Alternatives.

Chemung County Tickets Issued by TSLED Agencies By Agency Type

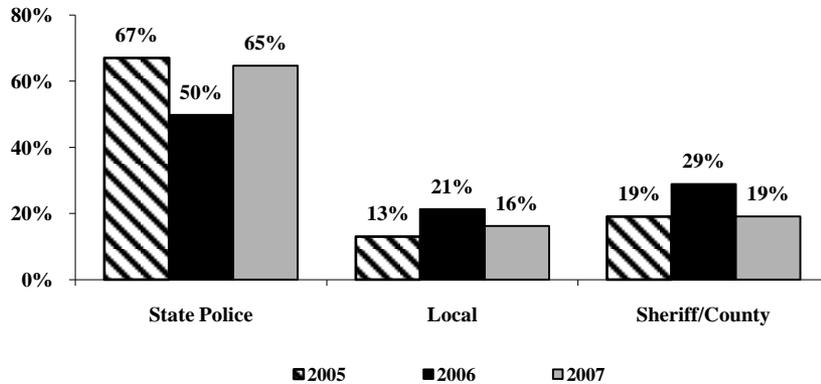
All Tickets



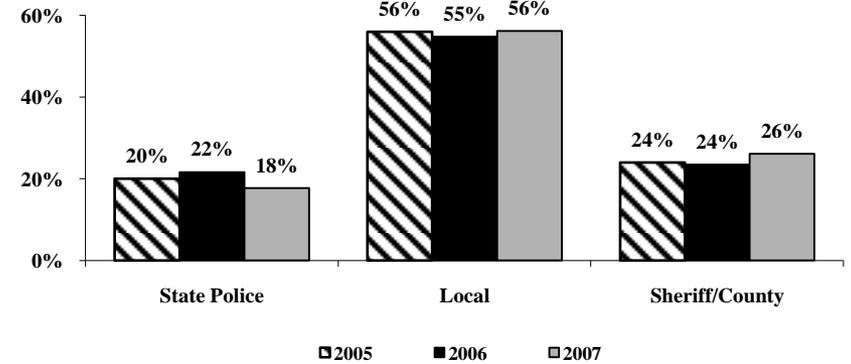
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CHEMUNG COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

		2005			2006			2007		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Chemung Sheriff NCIC 00700	alcohol	232	40.9	30.5	223	32.4	24.5	260	33.3	27.1
	speed	868	60.4	19.4	1,047	59.0	28.9	917	54.6	19.1
	seatbelt	292	42.5	22.4	198	39.1	18.8	148	34.3	11.3
Elmira P.D. NCIC 00701	alcohol	156	27.5	20.5	236	34.3	25.9	293	37.6	30.6
	speed	179	12.5	4.0	168	9.5	4.6	149	8.9	3.1
	seatbelt	248	36.1	19.0	217	42.8	20.6	101	23.4	7.7
Elmira Hgts. P.D. NCIC 00721	alcohol	127	22.4	16.7	156	22.6	17.1	108	13.8	11.3
	speed	76	5.3	1.7	136	7.7	3.8	159	9.5	3.3
	seatbelt	91	13.2	7.0	52	10.3	4.9	59	13.7	4.5
Horseheads P.D. NCIC 00722	alcohol	30	5.3	3.9	44	6.4	4.8	98	12.6	10.2
	speed	138	9.6	3.1	238	13.4	6.6	334	19.9	6.9
	seatbelt	25	3.6	1.9	38	7.5	3.6	122	28.2	9.3
Town of Elmira Trf. Dist. 1 NCIC 00725	alcohol	13	2.3	1.7	24	3.5	2.6	21	2.7	2.2
	speed	119	8.3	2.7	172	9.7	4.8	122	7.3	2.5
	seatbelt	2	0.3	0.2	2	0.4	0.2	2	0.5	0.2
Southport Town P.D. NCIC 00758	alcohol	9	1.6	1.2	6	0.9	0.7	0	0.0	0.0
	speed	56	3.9	1.2	15	0.8	0.4	0	0.0	0.0
	seatbelt	29	4.2	2.2	0	0.0	0.0	0	0.0	0.0
Totals by Agency Type										
Sheriff and Local	alcohol	567		74.6	689		75.6	780		81.3
	speed	1,436		32.0	1,776		49.0	1,681		35.0
	seatbelt	687		52.7	507		48.1	432		33.1
State Police	alcohol	193		25.4	220		24.1	179		18.7
	speed	3,021		67.4	1,804		49.8	3,112		64.7
	seatbelt	616		47.3	548		51.9	873		66.8
Other incl. Park Police	alcohol	0		0.0	2		0.2	0		0.0
	speed	25		0.6	41		1.1	14		0.3
	seatbelt	0		0.0	0		0.0	1		0.1
County Totals										
	alcohol	760			911			959		
	speed	4,482			3,621			4,807		
	seatbelt	1,303			1,055			1,306		

Source: NYS DMV

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