

ESSEX COUNTY

TRAFFIC SAFETY DATA



Prepared by

Institute for Traffic Safety Management and Research

80 Wolf Road, Suite 607, Albany, NY 12205-2604

Phone 518-453-0291 . FAX 518-453-0298

February 2009

COUNTY TRAFFIC SAFETY DATA

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

Institute for Traffic Safety Management and Research

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

Contact Person: Sandra Fuller

E-Mail: sfuller@itsmr.org

OR

Governor's Traffic Safety Committee

NYS Department of Motor Vehicles

Empire State Plaza

Albany, New York 12228

Telephone: 518-474-5111

Contact Your GTSC Representative

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

TABLE OF CONTENTS

COUNTY DATA

	Section
Accident Data: 2005 - 2007	
General Accident Summary Report	1
Alcohol-Related Accident Summary Report	2
Speed-Related Accident Summary Report	3
Motorcycle Accident Summary Report	4
Ticket Data: 2005 - 2007	
Tickets Issued and Conviction Rates for Selected Violations	5
DWI/AI Probation Data	5
Tickets Issued by TSLED Agencies by Agency Type	5
TSLED Tickets Issued for Selected Violations by Enforcement Agency	5

SECTION 1

General Accident Summary Report

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

Essex 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	579	225,848	0.3	812	270,700	0.3	1,002	323,106	0.3
Fatal Accidents	8	1,308	0.6	14	1,330	1.1	7	1,220	0.6
Non-Fatal Personal Injury Accidents	296	146,643	0.2	239	138,311	0.2	265	139,117	0.2
Reportable Property Damage Accidents	275	77,897	0.4	559	131,059	0.4	730	182,769	0.4
Manner of Collision									
Single Vehicle Accidents	388	66,419	0.6	587	83,588	0.7	704	103,286	0.7
Multiple Vehicle Accidents	191	159,429	0.1	225	187,112	0.1	298	219,820	0.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	9	15,703	0.1	11	15,702	0.1	9	15,701	0.1
Bicycle/Motor Vehicle Accidents	7	5,807	0.1	3	5,565	0.1	10	5,535	0.2
Motorcycle Accidents	27	4,892	0.6	24	4,912	0.5	34	5,426	0.6
Fatalities									
Persons Killed (1)	8	1,410	0.6	19	1,433	1.3	10	1,317	0.8
Drivers Killed	5	770	0.6	9	801	1.1	7	762	0.9
Passengers Killed	2	264	0.8	7	269	2.6	3	231	1.3
Pedestrians Killed	1	328	0.3	3	315	1.0	0	272	0.0
Bicyclists Killed	0	47	0.0	0	45	0.0	0	50	0.0
Other	0	1	0.0	0	3	0.0	0	2	0.0
Non-Fatal Injuries									
Persons Injured (1)	401	206,514	0.2	342	195,644	0.2	337	194,255	0.2
Drivers Injured	268	126,615	0.2	226	119,411	0.2	229	119,314	0.2
Passengers Injured	118	57,991	0.2	104	54,629	0.2	89	53,261	0.2
Pedestrians Injured	8	15,392	0.1	8	15,369	0.1	9	15,472	0.1
Bicyclists Injured	7	5,680	0.1	3	5,426	0.1	10	5,373	0.2
Other	0	836	0.0	1	809	0.1	0	835	0.0

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

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

General Notes

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

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

TABLE 1.1 Crash and Fatality & Injury Rates			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	149.71	210.10	262.86
Crash Rate per 10,000 Licensed Drivers	202.66	280.43	341.00
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	105.75	93.40	91.03
Fatality & Injury Rate per 10,000 Licensed Drivers	143.16	124.67	118.09
Mean Severity of Injury (MSI)			
	1.54	1.66	1.64

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,002	102	286	339	242	33
Sunday	135	16	31	45	35	8
Monday	136	10	49	44	29	4
Tuesday	149	17	49	44	33	6
Wednesday	113	10	38	44	18	3
Thursday	152	11	41	56	42	2
Friday	165	12	42	66	40	5
Saturday	152	26	36	40	45	5

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	394	100.0	629	100.0	867	100.0
State Police	334	84.8	504	80.1	689	79.5
County Police	10	2.5	14	2.2	22	2.5
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	50	12.7	111	17.6	156	18.0
Unknown	0	0.0	0	0.0	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2005		2006		2007	
	#	%	#	%	#	%
Total	579	100.0	812	100.0	1,002	100.0
State Routes	243	42.0	395	48.6	503	50.2
County Routes	62	10.7	103	12.7	156	15.6
Town Routes	120	20.7	113	13.9	97	9.7
Municipal Routes	48	8.3	43	5.3	46	4.6
Parkways	0	0.0	1	0.1	0	0.0
Thruway	15	2.6	18	2.2	1	0.1
Other Interstates	76	13.1	113	13.9	110	11.0
Unknown	15	2.6	26	3.2	89	8.9

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	748	100.0	1,005	100.0	1,262	100.0
Male	417	55.7	617	61.4	776	61.5
Female	306	40.9	373	37.1	454	36.0
Unknown	25	3.3	15	1.5	32	2.5
Under Age 16	0	0.0	0	0.0	1	0.1
Ages 16-20	108	14.4	130	12.9	163	12.9
Ages 21-29	127	17.0	201	20.0	255	20.2
Ages 30-39	120	16.0	158	15.7	185	14.7
Ages 40-49	131	17.5	186	18.5	225	17.8
Ages 50-59	100	13.4	152	15.1	173	13.7
Ages 60-69	73	9.8	92	9.2	121	9.6
Ages 70 and Over	63	8.4	65	6.5	103	8.2
Unknown Age	26	3.5	21	2.1	36	2.9

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	394		629		867	
Alcohol Involvement*	34	8.6	51	8.1	37	4.3
Backing Unsafely	6	1.5	14	2.2	43	5.0
Driver Inattention/Distracted	45	11.4	67	10.7	82	9.5
Driver Inexperience	4	1.0	19	3.0	14	1.6
Failure to Keep Right	41	10.4	62	9.9	58	6.7
Failure to Yield R.O.W.	37	9.4	40	6.4	62	7.2
Following Too Closely	32	8.1	43	6.8	67	7.7
Passing/Lane Violations	40	10.2	51	8.1	67	7.7
Traffic Control Disregarded	7	1.8	8	1.3	14	1.6
Turning Improperly	6	1.5	11	1.7	20	2.3
Unsafe Speed*	134	34.0	174	27.7	256	29.5

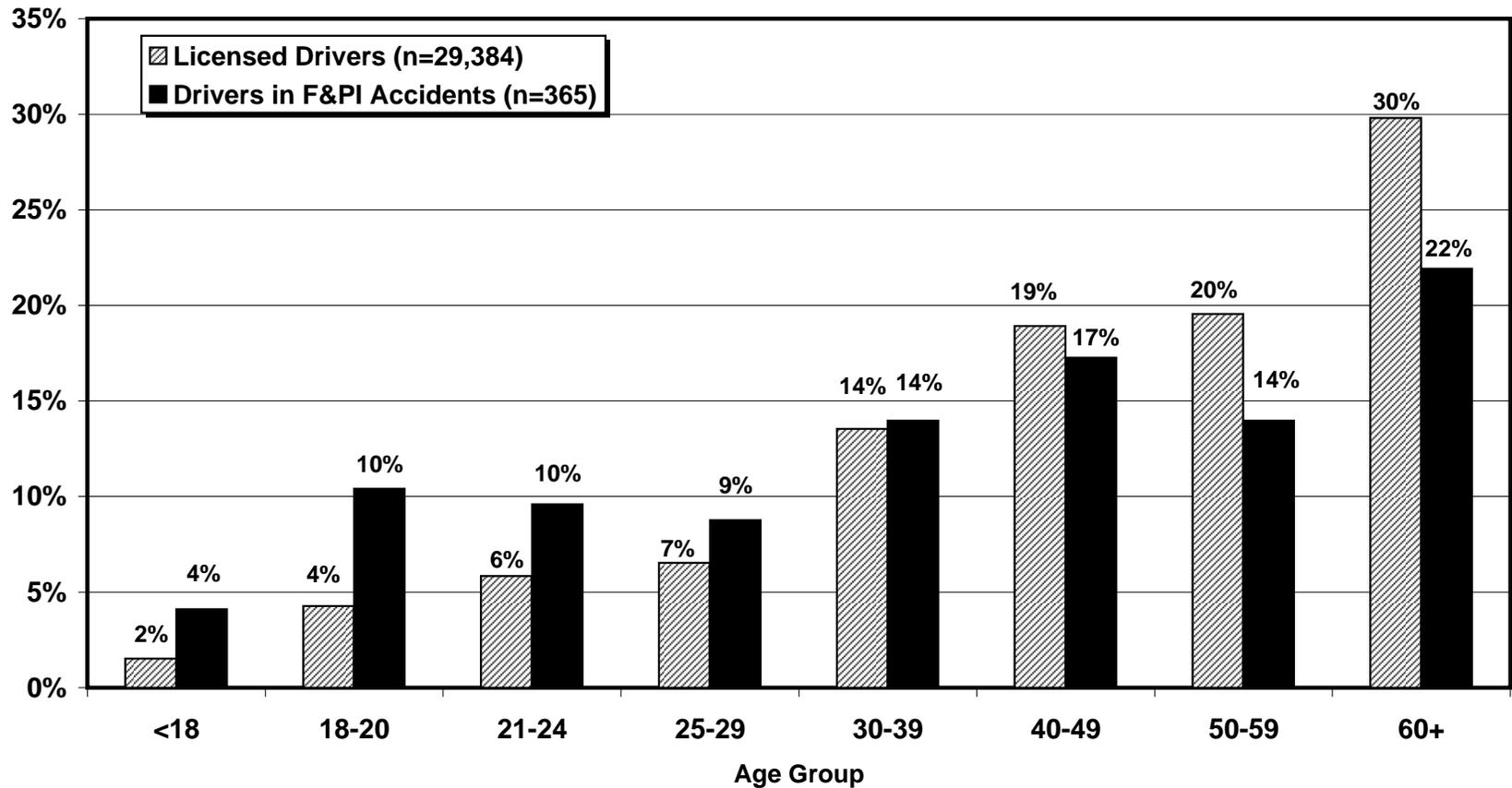
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	361	100.0	14	347	100.0	19
Under Age 4	1	0.3	0	3	0.9	0
Ages 4-6	3	0.8	0	2	0.6	0
Ages 7-15	19	5.3	2	20	5.8	6
Ages 16-17	25	6.9	1	17	4.9	0
Ages 18-20	52	14.4	2	41	11.8	1
Ages 21-29	75	20.8	1	66	19.0	2
Ages 30-39	53	14.7	3	38	11.0	0
Ages 40-49	49	13.6	2	45	13.0	2
Ages 50-59	44	12.2	0	46	13.3	3
Ages 60-69	19	5.3	1	38	11.0	4
Ages 70 and Over	20	5.5	1	30	8.6	1
Unknown Age	1	0.3	1	1	0.3	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	343	100.0	305	100.0	284	100.0
No Restraint Used	44	12.8	49	16.1	20	7.0
Restraint Used	296	86.3	252	82.6	258	90.8
Unknown	3	0.9	4	1.3	6	2.1
Motorcyclists	30	100.0	21	100.0	37	100.0
No Helmet Used	1	3.3	0	0.0	2	5.4
Helmet Used	28	93.3	20	95.2	35	94.6
Unknown	1	3.3	1	4.8	0	0.0
Bicyclists	6	100.0	3	100.0	9	100.0
No Helmet Used	4	66.7	1	33.3	6	66.7
Helmet Used	1	16.7	1	33.3	2	22.2
Unknown	1	16.7	1	33.3	1	11.1

FIGURE 1
Essex 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. 4 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

Essex 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															
Chesterfield	1,566	4.0	86.0	6.3	18.2	14	0.2	1.79	8	0.1	2.00	16	0.2	1.78	
Crown Point	2,040	5.2	92.9	6.8	22.0	30	0.3	1.69	15	0.2	1.67	22	0.2	1.93	
Elizabethtown	1,297	3.3	68.6	5.1	18.9	25	0.4	1.56	12	0.2	2.18	14	0.2	1.65	
Essex	705	1.8	56.1	4.1	12.6	5	0.1	2.20	1	<0.1	1.00	2	<0.1	2.50	
Jay	2,296	5.9	102.0	7.5	22.5	13	0.1	1.38	9	0.1	1.69	10	0.1	1.91	
Keene	1,056	2.7	70.2	5.2	15.0	6	0.1	1.50	8	0.1	1.92	13	0.2	1.56	
Lewis	1,181	3.0	93.0	6.8	12.7	19	0.2	1.50	22	0.2	1.67	8	0.1	1.40	
Minerva	794	2.0	66.4	4.9	12.0	9	0.1	1.57	7	0.1	2.00	11	0.2	2.17	
Moriah	3,697	9.5	83.1	6.1	44.5	18	0.2	1.60	17	0.2	1.44	12	0.1	1.88	
Newcomb	486	1.2	42.8	3.2	11.4	3	0.1	1.25	3	0.1	1.75	1	<0.1	3.00	
North Elba	5,191	13.3	70.7	5.2	73.4	33	0.5	1.41	40	0.6	1.80	32	0.5	1.45	
North Hudson	269	0.7	59.4	4.4	4.5	13	0.2	1.46	10	0.2	1.60	8	0.1	1.89	
Schroon	1,775	4.6	107.2	7.9	16.6	17	0.2	1.28	9	0.1	1.31	24	0.2	1.47	
St. Armand	1,128	2.9	25.9	1.9	43.6	8	0.3	2.10	11	0.4	1.91	12	0.5	1.54	
Ticonderoga	5,150	13.2	98.3	7.2	52.4	40	0.4	1.62	31	0.3	1.44	33	0.3	1.58	
Westport	1,330	3.4	80.7	5.9	16.5	10	0.1	1.31	9	0.1	1.23	11	0.1	1.36	
Willsboro	1,895	4.9	65.7	4.8	28.8	7	0.1	2.22	13	0.2	1.64	9	0.1	1.83	
Wilmington	1,144	2.9	50.7	3.7	22.6	5	0.1	1.67	6	0.1	1.67	3	0.1	1.75	
Villages															
Keeseville (partial)	809	2.1	5.1	0.4	158.6	3	0.6	1.33	2	0.4	2.00	0	na	na	
Lake Placid	2,711	7.0	14.2	1.0	190.9	13	0.9	1.44	10	0.7	1.33	16	1.1	1.35	
Port Henry	1,105	2.8	8.3	0.6	133.1	5	0.6	1.29	2	0.2	1.50	1	0.1	1.00	
Saranac Lake (partial)	1,276	3.3	10.8	0.8	118.1	7	0.6	1.00	8	0.7	1.43	10	0.9	1.40	
Other															
unknown	na	na	na	na	na	1	na	na	0	na	na	1	na	na	
Essex County Total	38,901		1,357.8		28.7	304	0.2	1.54	253	0.2	1.66	269	0.2	1.64	
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[†]**

Essex 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	37	5,776	0.6	54	7,959	0.7	38	9,480	0.4
Fatal Accidents	5	350	1.4	7	359	1.9	2	344	0.6
Non-Fatal Personal Injury Accidents	30	5,270	0.6	34	5,111	0.7	15	4,991	0.3
Reportable Property Damage Accidents	2	156	1.3	13	2,489	0.5	21	4,145	0.5
Manner of Collision									
Single Vehicle Accidents	28	3,142	0.9	43	4,380	1.0	28	5,138	0.5
Multiple Vehicle Accidents	9	2,634	0.3	11	3,579	0.3	10	4,342	0.2
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	0	413	0.0	1	411	0.2	0	403	0.0
A-R Bicycle/Motor Vehicle Accidents	0	104	0.0	0	90	0.0	0	97	0.0
A-R Motorcycle Accidents	5	223	2.2	0	176	0.0	0	217	0.0
Fatalities									
Persons Killed (1)	5	382	1.3	8	397	2.0	3	373	0.8
Drivers Killed	4	217	1.8	5	235	2.1	2	239	0.8
<i>Drinking Drivers</i>	4	195	2.1	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	1	89	1.1	2	85	2.4	1	65	1.5
Pedestrians Killed	0	72	0.0	1	69	1.4	0	62	0.0
Bicyclists Killed	0	4	0.0	0	8	0.0	0	7	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	35	7,724	0.5	59	7,293	0.8	23	7,175	0.3
Drivers Injured	31	4,986	0.6	34	4,753	0.7	16	4,593	0.3
Passengers Injured	4	2,203	0.2	25	2,059	1.2	7	2,072	0.3
Pedestrians Injured	0	370	0.0	0	361	0.0	0	362	0.0
Bicyclists Injured	0	99	0.0	0	79	0.0	0	90	0.0
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
Essex 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	38	16	0	4	18	0
Sunday	9	5	0	3	1	0
Monday	2	1	0	0	1	0
Tuesday	4	2	0	0	2	0
Wednesday	4	2	0	0	2	0
Thursday	6	2	0	0	4	0
Friday	5	1	0	0	4	0
Saturday	8	3	0	1	4	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	45	100.0	62	100.0	42	100.0
Male	34	75.6	49	79.0	32	76.2
<i>Drinking Drivers</i>	32	71.1	45	72.6	30	71.4
<i>Non-Drinking Drivers</i>	2	4.4	4	6.5	2	4.8
Female	10	22.2	13	21.0	10	23.8
<i>Drinking Drivers</i>	6	13.3	9	14.5	9	21.4
<i>Non-Drinking Drivers</i>	4	8.9	4	6.5	1	2.4
Unknown	1	2.2	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	2.2	0	0.0	0	0.0
Drinking Drivers	38	100.0	54	100.0	39	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	13.2	9	16.7	4	10.3
Ages 21-29	15	39.5	22	40.7	11	28.2
Ages 30-39	6	15.8	5	9.3	8	20.5
Ages 40-49	3	7.9	9	16.7	9	23.1
Ages 50-59	8	21.1	6	11.1	3	7.7
Age 60 and Over	1	2.6	3	5.6	4	10.3
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	7	100.0	8	100.0	3	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	14.3	1	12.5	0	0.0
Ages 21-29	1	14.3	1	12.5	1	33.3
Ages 30-39	3	42.9	2	25.0	0	0.0
Ages 40-49	1	14.3	2	25.0	1	33.3
Ages 50-59	0	0.0	2	25.0	1	33.3
Age 60 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	1	14.3	0	0.0	0	0.0

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

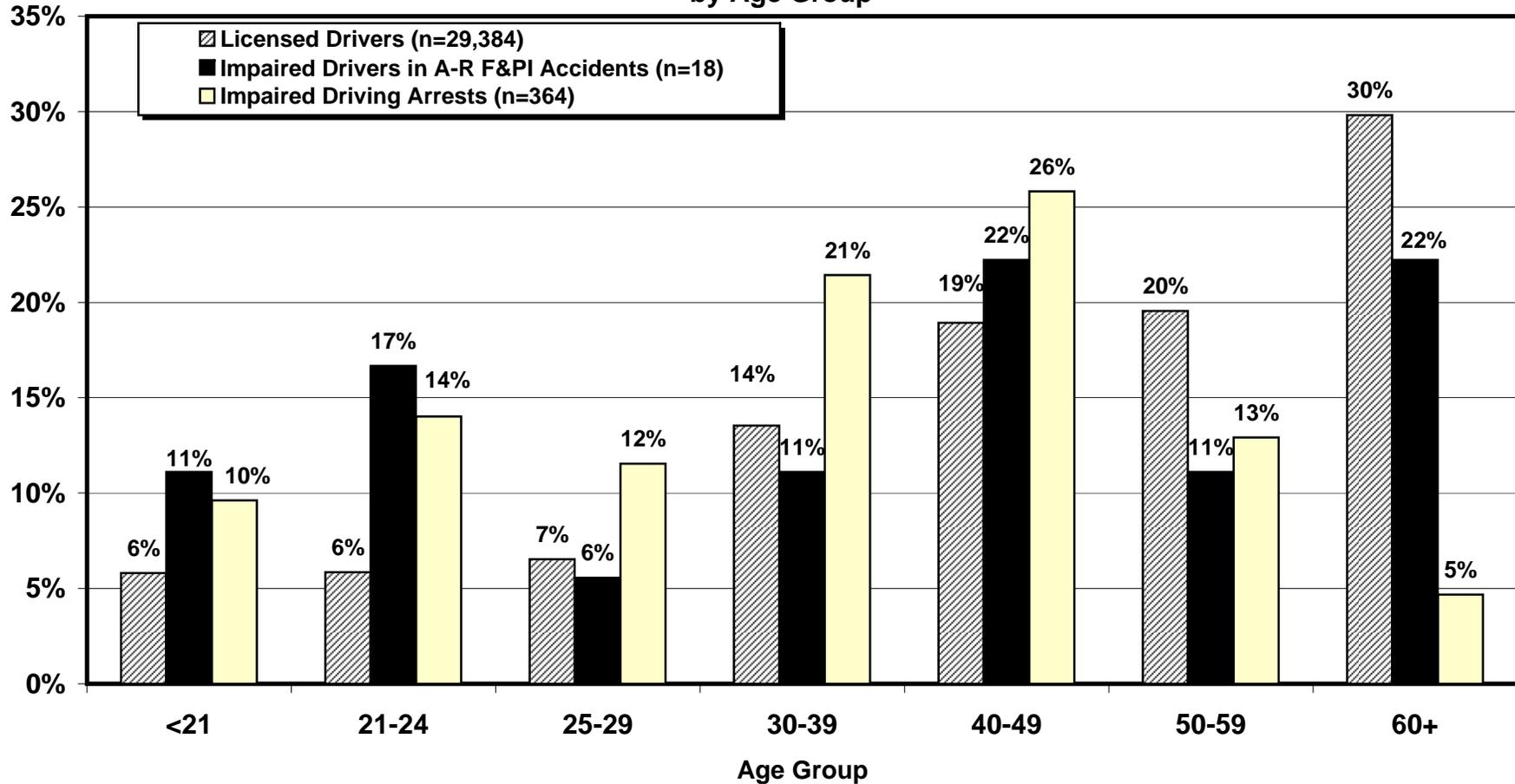
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	37		54		38	
Driver Inattention/Distracted	1	2.7	3	5.6	0	0.0
Failure to Keep Right	8	21.6	9	16.7	3	7.9
Failure to Yield R.O.W.	2	5.4	1	1.9	1	2.6
Fell Asleep	1	2.7	1	1.9	0	0.0
Following Too Closely	0	0.0	2	3.7	1	2.6
Passing/Lane Violations	6	16.2	4	7.4	9	23.7
Traffic Control Disregarded	0	0.0	1	1.9	2	5.3
Unsafe Speed	15	40.5	24	44.4	15	39.5

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	67	100.0	1	26	100.0	0
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	2	3.0	0	0	0.0	0
Ages 16-17	6	9.0	0	0	0.0	0
Ages 18-20	11	16.4	1	5	19.2	0
Ages 21-29	25	37.3	0	8	30.8	0
Ages 30-39	5	7.5	0	2	7.7	0
Ages 40-49	7	10.4	0	3	11.5	0
Ages 50-59	7	10.4	0	3	11.5	0
Ages 60-69	3	4.5	0	2	7.7	0
Ages 70 and Over	1	1.5	0	3	11.5	0
Unknown Age	0	0.0	0	0	0.0	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	35	100.0	66	100.0	26	100.0
No Restraint Used	5	14.3	20	30.3	5	19.2
Restraint Used	28	80.0	45	68.2	18	69.2
Unknown	2	5.7	1	1.5	3	11.5
Motorcyclists	5	100.0	0	0.0	0	0.0
No Helmet Used	1	20.0	0	0.0	0	0.0
Helmet Used	3	60.0	0	0.0	0	0.0
Unknown	1	20.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Essex 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[†]**

Essex 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	134	15,991	0.8	180	20,927	0.9	260	31,729	0.8
Fatal Accidents	4	378	1.1	4	391	1.0	3	369	0.8
Non-Fatal Personal Injury Accidents	98	13,884	0.7	82	13,048	0.6	87	14,405	0.6
Reportable Property Damage Accidents	32	1,729	1.9	94	7,488	1.3	170	16,955	1.0
Manner of Collision									
Single Vehicle Accidents	112	8,757	1.3	160	12,070	1.3	230	19,143	1.2
Multiple Vehicle Accidents	22	7,234	0.3	20	8,857	0.2	30	12,586	0.2
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	365	0.0	1	347	0.3	0	382	0.0
S-R Bicycle/Motor Vehicle Accidents	0	75	0.0	1	88	1.1	0	91	0.0
S-R Motorcycle Accidents	8	753	1.1	10	797	1.3	7	857	0.8
Fatalities									
Persons Killed (1)	4	422	0.9	4	439	0.9	4	406	1.0
Drivers Killed	3	290	1.0	2	305	0.7	3	277	1.1
<i>Speeding Drivers</i>	3	272	1.1	2	281	0.7	3	249	1.2
<i>Non-Speeding Drivers</i>	0	18	0.0	0	24	0.0	0	28	0.0
Passengers Killed	1	103	1.0	1	112	0.9	1	104	1.0
Pedestrians Killed	0	26	0.0	1	20	5.0	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)	124	20,752	0.6	119	19,474	0.6	109	21,137	0.5
Drivers Injured	86	13,706	0.6	72	12,816	0.6	81	14,151	0.6
Passengers Injured	38	6,563	0.6	46	6,135	0.7	28	6,427	0.4
Pedestrians Injured	0	354	0.0	0	353	0.0	0	383	0.0
Bicyclists Injured	0	69	0.0	1	83	1.2	0	90	0.0
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
Essex 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	260	37	83	86	53	1
Sunday	41	7	9	17	8	0
Monday	36	3	12	13	8	0
Tuesday	35	6	18	3	7	1
Wednesday	25	3	8	11	3	0
Thursday	52	5	17	22	8	0
Friday	34	1	11	11	11	0
Saturday	37	12	8	9	8	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	155	100.0	196	100.0	287	100.0
Male	99	63.9	124	63.3	175	61.0
<i>Speeding Drivers</i>	87	56.1	113	57.7	154	53.7
<i>Non-Speeding Drivers</i>	12	7.7	11	5.6	21	7.3
Female	56	36.1	72	36.7	111	38.7
<i>Speeding Drivers</i>	48	31.0	67	34.2	104	36.2
<i>Non-Speeding Drivers</i>	8	5.2	5	2.6	7	2.4
Unknown	0	0.0	0	0.0	1	0.3
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	0	0.0	0	0.0	1	0.3
Speeding Drivers	135	100.0	180	100.0	258	100.0
Under Age 16	0	0.0	0	0.0	1	0.4
Ages 16-20	33	24.4	41	22.8	65	25.2
Ages 21-29	41	30.4	59	32.8	69	26.7
Ages 30-39	15	11.1	27	15.0	34	13.2
Ages 40-49	21	15.6	30	16.7	39	15.1
Ages 50-59	20	14.8	11	6.1	21	8.1
Age 60 and Over	5	3.7	12	6.7	28	10.9
Unknown Age	0	0.0	0	0.0	1	0.4
Non-Speeding Drivers	20	100.0	16	100.0	29	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	5.0	3	18.8	1	3.4
Ages 21-29	4	20.0	1	6.3	8	27.6
Ages 30-39	6	30.0	3	18.8	3	10.3
Ages 40-49	3	15.0	2	12.5	6	20.7
Ages 50-59	2	10.0	5	31.3	3	10.3
Age 60 and Over	4	20.0	2	12.5	7	24.1
Unknown Age	0	0.0	0	0.0	1	3.4

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	134		180		260	
Alcohol Involvement	14	10.4	27	15.0	16	6.2
Driver Inattention/Distracted	2	1.5	6	3.3	6	2.3
Driver Inexperience	1	0.7	5	2.8	2	0.8
Failure to Keep Right	10	7.5	16	8.9	19	7.3
Failure to Yield R.O.W.	2	1.5	3	1.7	1	0.4
Following Too Closely	2	1.5	3	1.7	6	2.3
Passing/Lane Violations	5	3.7	6	3.3	6	2.3
Traffic Control Disregarded	0	0.0	1	0.6	1	0.4

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	123	100.0	2	113	100.0	0
Under Age 4	1	0.8	0	0	0.0	0
Ages 4-6	2	1.6	0	0	0.0	0
Ages 7-15	6	4.9	0	2	1.8	0
Ages 16-17	13	10.6	0	8	7.1	0
Ages 18-20	20	16.3	1	19	16.8	0
Ages 21-29	34	27.6	0	27	23.9	0
Ages 30-39	17	13.8	1	16	14.2	0
Ages 40-49	15	12.2	0	13	11.5	0
Ages 50-59	8	6.5	0	12	10.6	0
Ages 60-69	2	1.6	0	8	7.1	0
Ages 70 and Over	5	4.1	0	7	6.2	0
Unknown Age	0	0.0	0	1	0.9	0

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	119	100.0	112	100.0	104	100.0
No Restraint Used	8	6.7	19	17.0	9	8.7
Restraint Used	109	91.6	90	80.4	93	89.4
Unknown	2	1.7	3	2.7	2	1.9
Motorcyclists	9	100.0	9	100.0	9	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	9	100.0	9	100.0	9	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	1	100.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

SECTION 4

Motorcycle Accident Summary Report

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

Essex 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	27	4,892	0.6	24	4,912	0.5	34	5,426	0.6
Fatal Accidents	1	168	0.6	0	190	0.0	2	164	1.2
Non-Fatal Personal Injury Accidents	26	4,515	0.6	22	4,272	0.5	30	4,727	0.6
Reportable Property Damage Accidents	0	209	0.0	2	450	0.4	2	535	0.4
Manner of Collision									
Single Motorcycle Accidents	21	2,155	1.0	21	2,154	1.0	24	2,318	1.0
Multiple Vehicle Accidents	6	2,737	0.2	3	2,758	0.1	10	3,108	0.3
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	89	0.0	1	77	1.3	0	74	0.0
Motorcycle/Bicycle Accidents	0	17	0.0	1	29	3.4	0	19	0.0
Fatalities									
Persons Killed (1)	1	172	0.6	0	195	0.0	3	172	1.7
Drivers Killed	1	154	0.6	0	181	0.0	2	162	1.2
<i>Motorcycle Operators</i>	1	153	0.7	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	1	9	11.1
<i>Motorcycle Passengers</i>	0	9	0.0	0	12	0.0	1	9	11.1
<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)	33	5,304	0.6	24	4,951	0.5	37	5,503	0.7
Drivers Injured	27	4,592	0.6	20	4,338	0.5	32	4,830	0.7
Passengers Injured	6	606	1.0	2	513	0.4	5	579	0.9
Pedestrians Injured	0	81	0.0	1	71	1.4	0	71	0.0
Bicyclists Injured	0	16	0.0	1	26	3.8	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**

Essex 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	34	0	6	14	14	0
Sunday	5	0	0	4	1	0
Monday	2	0	0	0	2	0
Tuesday	5	0	0	3	2	0
Wednesday	3	0	0	1	2	0
Thursday	4	0	2	0	2	0
Friday	7	0	1	2	4	0
Saturday	8	0	3	4	1	0

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	27	100.0	24	100.0	37	100.0
Male	22	81.5	22	91.7	33	89.2
Female	5	18.5	2	8.3	4	10.8
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	4	14.8	1	4.2	4	10.8
Ages 21-29	3	11.1	7	29.2	6	16.2
Ages 30-39	3	11.1	7	29.2	4	10.8
Ages 40-49	6	22.2	5	20.8	5	13.5
Ages 50-59	7	25.9	2	8.3	8	21.6
Ages 60 and Over	4	14.8	2	8.3	10	27.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	26		23		31	
Alcohol Involvement	4	15.4	0	0.0	0	0.0
Driver Inattention/Distracted	3	11.5	2	8.7	5	16.1
Driver Inexperience	1	3.8	1	4.3	4	12.9
Failure to Keep Right	4	15.4	3	13.0	3	9.7
Failure to Yield R.O.W.	3	11.5	1	4.3	4	12.9
Following Too Closely	1	3.8	0	0.0	2	6.5
Passing/Lane Violations	2	7.7	1	4.3	2	6.5
Traffic Control Disregarded	0	0.0	0	0.0	1	3.2
Turning Improperly	0	0.0	1	4.3	3	9.7
Unsafe Speed	8	30.8	10	43.5	7	22.6

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

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

Essex County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2005		2006		2007	
	#	%	#	%	#	%
Age Group	31	100.0	22	100.0	39	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	0	0.0	0	0.0	0	0.0
Ages 18-20	5	16.1	1	4.5	4	10.3
Ages 21-29	3	9.7	4	18.2	6	15.4
Ages 30-39	4	12.9	9	40.9	4	10.3
Ages 40-49	6	19.4	4	18.2	5	12.8
Ages 50-59	9	29.0	2	9.1	8	20.5
Ages 60-69	4	12.9	2	9.1	10	25.6
Ages 70 and Over	0	0.0	0	0.0	2	5.1
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	30	100.0	21	100.0	37	100.0
No Helmet Used	1	3.3	0	0.0	2	5.4
Helmet Used	28	93.3	20	95.2	35	94.6
Unknown	1	3.3	1	4.8	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	1,080	0.4	2,489	0.5
2004	1,231	0.5	2,859	0.5
2005	1,374	0.5	2,934	0.5
2006	1,473	0.5	2,997	0.5
2007	1,568	0.5	3,099	0.5

SECTION 5

Ticket Data

ESSEX COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	24,195	24,308	25,520
SPEED (V&T 1180)	10,745	9,885	9,885
% of total tickets	44.4%	40.7%	38.7%
% convicted on same charge (of adjudicated cases)	60.7%	77.8%	78.4%
SAFETY RESTRAINTS (V&T 1229c)	1,701	1,746	1,733
% of total tickets	7.0%	7.2%	6.8%
% convicted on same charge (of adjudicated cases)	71.7%	91.6%	89.6%
IMPAIRED DRIVING (V&T 1192)	523	729	634
% of total tickets	2.2%	3.0%	2.5%
Persons Arrested for Impaired Driving	(N=335)	(N=454)	(N=364)
Case adjudicated	87.5%	87.9%	85.2%
Case pending	12.5%	12.1%	14.8%
Adjudicated Cases*	(N=293)	(N=399)	(N=310)
Convicted on original 1192 charge	22.2%	22.8%	28.1%
Convicted on other 1192 charge	65.2%	70.4%	61.9%
Convicted on non-1192 charge	3.4%	3.3%	2.3%
Dismissed/Acquitted/Convicted on charge associated with different event	9.2%	3.5%	7.7%
* 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.

ESSEX COUNTY

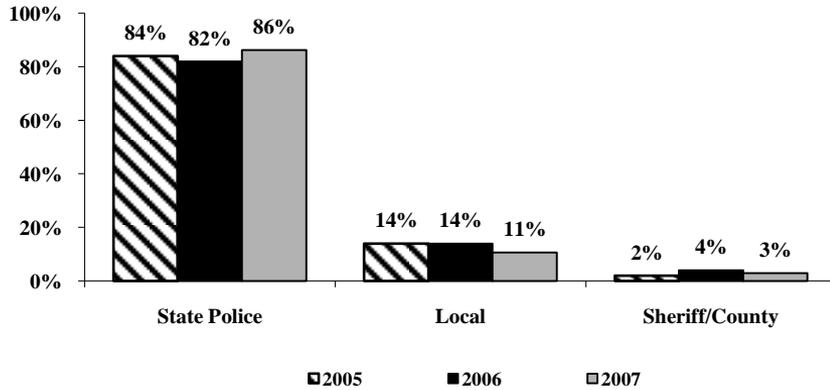
Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	28	21	38
Number of Persons on Probation	106	100	89

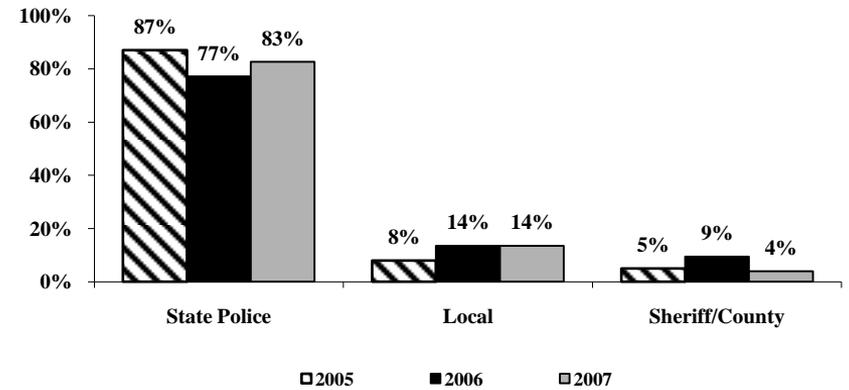
Source: NYS Division of Probation and Correctional Alternatives.

Essex County Tickets Issued by TSLED Agencies By Agency Type

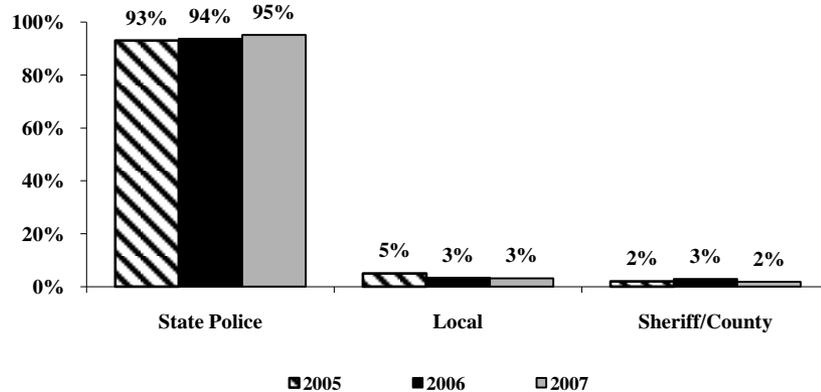
All Tickets



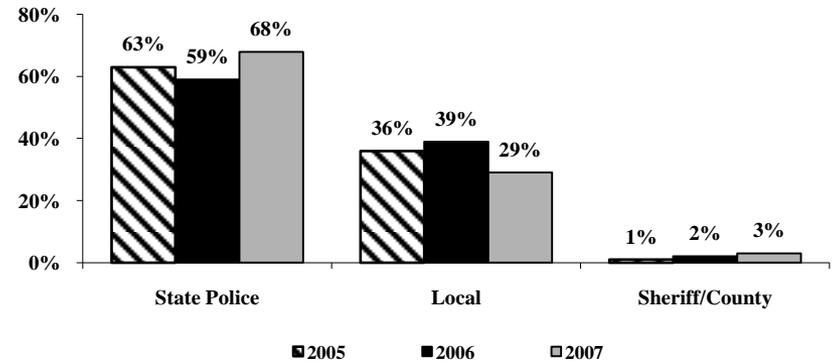
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ESSEX COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2005			2006			2007		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Essex Sheriff NCIC 01500	alcohol	9	6.0	1.7	19	8.8	2.6	20	11.7	3.2
	speed	252	33.2	2.3	291	48.5	2.9	174	36.8	1.8
	seatbelt	83	37.9	4.9	164	41.3	9.4	67	22.3	3.9
Lake Placid P.D. NCIC 01523	alcohol	83	55.7	15.9	118	54.6	16.2	93	54.4	14.7
	speed	298	39.3	2.8	255	42.5	2.6	248	52.4	2.5
	seatbelt	99	45.2	5.8	150	37.8	8.6	181	60.1	10.4
Ticonderoga P.D. NCIC 01527	alcohol	57	38.3	10.9	72	33.3	9.9	58	33.9	9.1
	speed	136	17.9	1.3	36	6.0	0.4	36	7.6	0.4
	seatbelt	25	11.4	1.5	41	10.3	2.3	47	15.6	2.7
Town of Moriah P.D. NCIC 01551	alcohol	0	0.0	0.0	7	3.2	1.0	0	0.0	0.0
	speed	72	9.5	0.7	18	3.0	0.2	15	3.2	0.2
	seatbelt	12	5.5	0.7	42	10.6	2.4	6	2.0	0.3
Totals by Agency Type										
Sheriff and Local	alcohol	149		28.5	216		29.6	171		27.0
	speed	758		7.1	600		6.1	473		4.8
	seatbelt	219		12.9	397		22.7	301		17.4
State Police	alcohol	361		69.0	493		67.6	457		72.1
	speed	9,981		92.9	9,260		93.7	9,405		95.1
	seatbelt	1,481		87.1	1,347		77.1	1,432		82.6
Other	alcohol	13		2.5	20		2.7	6		0.9
	speed	6		0.1	25		0.3	7		0.1
	seatbelt	1		0.1	2		0.1	0		0.0
County Totals										
	alcohol	523			729			634		
	speed	10,745			9,885			9,885		
	seatbelt	1,701			1,746			1,733		

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