

TOMPKINS COUNTY

TRAFFIC SAFETY DATA



Prepared by

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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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St. Lawrence		Saratoga	Onondaga	Schuyler
Sullivan		Schenectady	Oswego	Steuben
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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[†]
Tompkins 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	1,124	225,848	0.5	1,630	270,700	0.6	2,431	323,106	0.8
Fatal Accidents	9	1,308	0.7	7	1,330	0.5	7	1,220	0.6
Non-Fatal Personal Injury Accidents	611	146,643	0.4	560	138,311	0.4	603	139,117	0.4
Reportable Property Damage Accidents	504	77,897	0.6	1,063	131,059	0.8	1,821	182,769	1.0
Manner of Collision									
Single Vehicle Accidents	561	66,419	0.8	794	83,588	0.9	1,132	103,286	1.1
Multiple Vehicle Accidents	563	159,429	0.4	836	187,112	0.4	1,299	219,820	0.6
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	24	15,703	0.2	29	15,702	0.2	31	15,701	0.2
Bicycle/Motor Vehicle Accidents	29	5,807	0.5	19	5,565	0.3	23	5,535	0.4
Motorcycle Accidents	31	4,892	0.6	38	4,912	0.8	34	5,426	0.6
Fatalities									
Persons Killed (1)	9	1,410	0.6	7	1,433	0.5	7	1,317	0.5
Drivers Killed	7	770	0.9	5	801	0.6	5	762	0.7
Passengers Killed	1	264	0.4	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)	841	206,514	0.4	703	195,644	0.4	785	194,255	0.4
Drivers Injured	554	126,615	0.4	510	119,411	0.4	535	119,314	0.4
Passengers Injured	233	57,991	0.4	144	54,629	0.3	194	53,261	0.4
Pedestrians Injured	24	15,392	0.2	28	15,369	0.2	32	15,472	0.2
Bicyclists Injured	28	5,680	0.5	19	5,426	0.4	21	5,373	0.4
Other	2	836	0.2	2	809	0.2	3	835	0.4

[†] 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
Tompkins County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2005	2006	2007
Crash Rates			
Crash Rate per 10,000 Population	112.38	162.34	240.56
Crash Rate per 10,000 Licensed Drivers	183.01	265.12	387.05
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	84.98	70.71	78.37
Fatality & Injury Rate per 10,000 Licensed Drivers	138.40	115.48	126.10
Mean Severity of Injury (MSI)			
	1.40	1.41	1.37

TABLE 2 Day of Week/Time of Day: 2007						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	2,431	205	609	932	603	82
Sunday	252	40	38	89	76	9
Monday	382	31	108	154	78	11
Tuesday	260	18	75	104	53	10
Wednesday	350	25	101	119	95	10
Thursday	413	26	116	166	94	11
Friday	434	23	103	176	116	16
Saturday	340	42	68	124	91	15

Note: 2007 data are similar to earlier years.

TABLE 3(P) Police Investigating Agency						
	2005		2006		2007	
	#	%	#	%	#	%
Total	623	100.0	1,262	100.0	2,075	100.0
State Police	182	29.2	285	22.6	432	20.8
County Police	232	37.2	499	39.5	794	38.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	209	33.5	478	37.9	848	40.9
Unknown	0	0.0	0	0.0	1	<0.1

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

TABLE 4 Jurisdictional Road System						
	2005		2006		2007	
	#	%	#	%	#	%
Total	1,124	100.0	1,630	100.0	2,431	100.0
State Routes	516	45.9	766	47.0	1,104	45.4
County Routes	124	11.0	217	13.3	381	15.7
Town Routes	184	16.4	162	9.9	225	9.3
Municipal Routes	269	23.9	403	24.7	522	21.5
Parkways	0	0.0	0	0.0	0	0.0
Thruway	1	0.1	0	0.0	1	<0.1
Other Interstates	0	0.0	0	0.0	0	0.0
Unknown	30	2.7	82	5.0	198	8.1

TABLE 5 Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	1,707	100.0	2,459	100.0	3,637	100.0
Male	940	55.1	1,278	52.0	2,035	56.0
Female	687	40.2	1,076	43.8	1,470	40.4
Unknown	80	4.7	105	4.3	132	3.6
Under Age 16	1	0.1	2	0.1	1	<0.1
Ages 16-20	228	13.4	365	14.8	488	13.4
Ages 21-29	328	19.2	539	21.9	839	23.1
Ages 30-39	266	15.6	393	16.0	588	16.2
Ages 40-49	320	18.7	410	16.7	621	17.1
Ages 50-59	272	15.9	367	14.9	542	14.9
Ages 60-69	115	6.7	153	6.2	238	6.5
Ages 70 and Over	86	5.0	118	4.8	181	5.0
Unknown Age	91	5.3	112	4.6	139	3.8

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

	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	623		1,262		2,075	
Alcohol Involvement*	36	5.8	58	4.6	78	3.8
Backing Unsafely	9	1.4	33	2.6	95	4.6
Driver Inattention/Distraction	100	16.1	161	12.8	275	13.3
Driver Inexperience	14	2.2	24	1.9	40	1.9
Failure to Keep Right	53	8.5	62	4.9	140	6.7
Failure to Yield R.O.W.	104	16.7	210	16.6	283	13.6
Following Too Closely	131	21.0	215	17.0	323	15.6
Passing/Lane Violations	43	6.9	79	6.3	158	7.6
Traffic Control Disregarded	33	5.3	68	5.4	103	5.0
Turning Improperly	16	2.6	39	3.1	59	2.8
Unsafe Speed*	102	16.4	122	9.7	255	12.3

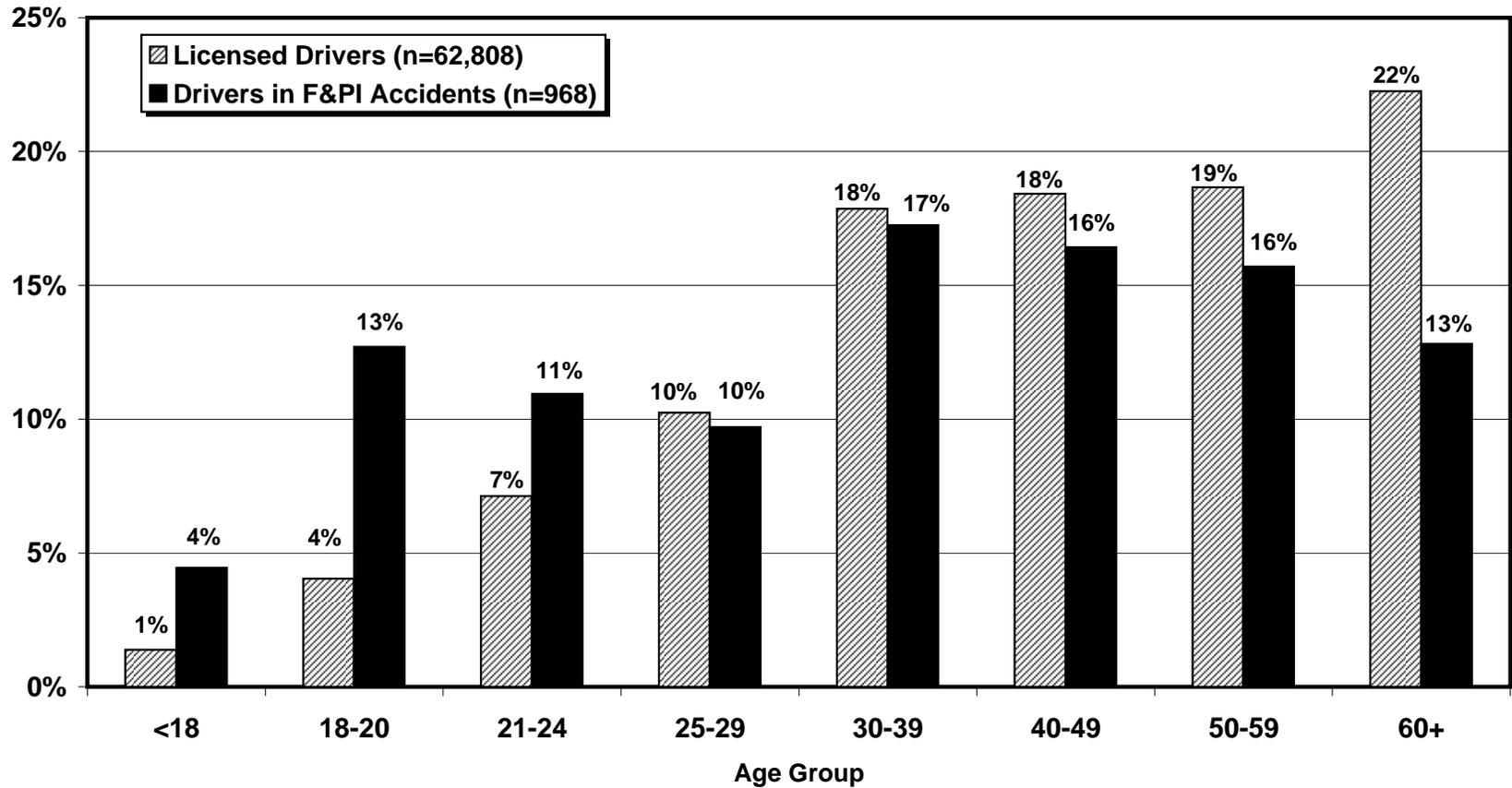
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	710	100.0	48	792	100.0	54
Under Age 4	3	0.4	0	5	0.6	0
Ages 4-6	2	0.3	0	9	1.1	0
Ages 7-15	26	3.7	5	28	3.5	5
Ages 16-17	39	5.5	3	41	5.2	4
Ages 18-20	84	11.8	4	94	11.9	10
Ages 21-29	164	23.1	14	168	21.2	12
Ages 30-39	100	14.1	5	125	15.8	6
Ages 40-49	119	16.8	5	109	13.8	5
Ages 50-59	84	11.8	5	114	14.4	8
Ages 60-69	39	5.5	3	50	6.3	1
Ages 70 and Over	37	5.2	2	33	4.2	0
Unknown Age	13	1.8	2	16	2.0	3

	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	706	100.0	584	100.0	671	100.0
No Restraint Used	44	6.2	40	6.8	46	6.9
Restraint Used	641	90.8	526	90.1	613	91.4
Unknown	21	3.0	18	3.1	12	1.8
Motorcyclists	30	100.0	36	100.0	35	100.0
No Helmet Used	4	13.3	6	16.7	3	8.6
Helmet Used	23	76.7	27	75.0	29	82.9
Unknown	3	10.0	3	8.3	3	8.6
Bicyclists	26	100.0	19	100.0	22	100.0
No Helmet Used	12	46.2	8	42.1	16	72.7
Helmet Used	5	19.2	7	36.8	4	18.2
Unknown	9	34.6	4	21.1	2	9.1

FIGURE 1
Tompkins 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. 25 drivers in fatal and personal injury accidents were excluded due to unknown age.

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

Tompkins 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															
Caroline	3,021	3.0	107.9	8.7	28.0	14	0.1	1.22	28	0.3	1.59	18	0.2	1.57	
Danby	3,110	3.1	108.2	8.7	28.7	22	0.2	1.61	18	0.2	1.50	23	0.2	1.29	
Dryden	11,565	11.5	200.4	16.1	57.7	74	0.4	1.40	76	0.4	1.46	85	0.4	1.46	
Enfield	3,474	3.5	79.9	6.4	43.5	18	0.2	1.86	17	0.2	1.70	22	0.3	1.58	
Groton	3,414	3.4	108.0	8.7	31.6	27	0.3	1.66	15	0.1	1.93	20	0.2	1.74	
Ithaca	16,187	16.2	94.5	7.6	171.3	88	0.9	1.33	67	0.7	1.35	87	0.9	1.29	
Lansing	7,440	7.4	149.8	12.0	49.7	72	0.5	1.32	42	0.3	1.49	50	0.3	1.40	
Newfield	5,152	5.1	132.6	10.6	38.9	37	0.3	1.71	29	0.2	1.53	37	0.3	1.61	
Ulysses	3,306	3.3	93.9	7.5	35.2	34	0.4	1.43	26	0.3	1.62	27	0.3	1.35	
Villages															
Cayuga Heights	3,709	3.7	21.8	1.8	170.1	10	0.5	1.18	5	0.2	1.33	5	0.2	1.17	
Dryden	1,835	1.8	12.4	1.0	148.0	11	0.9	1.46	6	0.5	1.38	19	1.5	1.21	
Freeville	507	0.5	4.7	0.4	107.9	5	1.1	1.33	3	0.6	1.33	4	0.9	1.25	
Groton	2,444	2.4	13.0	1.0	188.0	5	0.4	1.83	7	0.5	1.56	2	0.2	1.50	
Lansing	3,431	3.4	23.4	1.9	146.6	10	0.4	1.17	20	0.9	1.45	27	1.2	1.25	
Trumansburg	1,588	1.6	12.6	1.0	126.0	13	1.0	1.38	3	0.2	1.40	5	0.4	1.25	
City															
Ithaca	29,952	29.9	82.0	6.6	365.3	177	2.2	1.25	199	2.4	1.27	177	2.2	1.28	
Other															
unknown	na	na	na	na	na	3	na	na	6	na	na	2	na	na	
Tompkins County Total	100,135		1245.1		77.3	620	0.5	1.40	567	0.5	1.41	610	0.5	1.37	
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[†]**

Tompkins 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	40	5,776	0.7	61	7,959	0.8	81	9,480	0.9
Fatal Accidents	3	350	0.9	4	359	1.1	1	344	0.3
Non-Fatal Personal Injury Accidents	37	5,270	0.7	35	5,111	0.7	30	4,991	0.6
Reportable Property Damage Accidents	0	156	0.0	22	2,489	0.9	50	4,145	1.2
Manner of Collision									
Single Vehicle Accidents	29	3,142	0.9	43	4,380	1.0	59	5,138	1.1
Multiple Vehicle Accidents	11	2,634	0.4	18	3,579	0.5	22	4,342	0.5
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	1	104	1.0	0	90	0.0	3	97	3.1
A-R Motorcycle Accidents	1	223	0.4	2	176	1.1	0	217	0.0
Fatalities									
Persons Killed (1)	3	382	0.8	4	397	1.0	1	373	0.3
Drivers Killed	2	217	0.9	2	235	0.9	1	239	0.4
<i>Drinking Drivers</i>	2	195	1.0	2	214	0.9	1	215	0.5
<i>Non-Drinking Drivers</i>	0	22	0.0	0	21	0.0	0	24	0.0
Passengers Killed	1	89	1.1	1	85	1.2	0	65	0.0
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)	55	7,724	0.7	45	7,293	0.6	38	7,175	0.5
Drivers Injured	35	4,986	0.7	38	4,753	0.8	26	4,593	0.6
Passengers Injured	19	2,203	0.9	7	2,059	0.3	9	2,072	0.4
Pedestrians Injured	0	370	0.0	0	361	0.0	0	362	0.0
Bicyclists Injured	1	99	1.0	0	79	0.0	3	90	3.3
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
Tompkins 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	81	40	1	14	26	0
Sunday	18	13	1	2	2	0
Monday	6	4	0	0	2	0
Tuesday	3	0	0	1	2	0
Wednesday	7	0	0	3	4	0
Thursday	10	5	0	2	3	0
Friday	19	7	0	3	9	0
Saturday	18	11	0	3	4	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	52	100.0	77	100.0	95	100.0
Male	36	69.2	53	68.8	68	71.6
<i>Drinking Drivers</i>	31	59.6	46	59.7	58	61.1
<i>Non-Drinking Drivers</i>	5	9.6	7	9.1	10	10.5
Female	16	30.8	24	31.2	24	25.3
<i>Drinking Drivers</i>	9	17.3	14	18.2	18	18.9
<i>Non-Drinking Drivers</i>	7	13.5	10	13.0	6	6.3
Unknown	0	0.0	0	0.0	3	3.2
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	3	3.2
Drinking Drivers	40	100.0	60	100.0	76	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	20.0	15	25.0	9	11.8
Ages 21-29	14	35.0	19	31.7	34	44.7
Ages 30-39	9	22.5	13	21.7	16	21.1
Ages 40-49	5	12.5	9	15.0	8	10.5
Ages 50-59	1	2.5	2	3.3	5	6.6
Age 60 and Over	3	7.5	2	3.3	4	5.3
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	12	100.0	17	100.0	19	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	25.0	3	17.6	2	10.5
Ages 21-29	3	25.0	3	17.6	4	21.1
Ages 30-39	0	0.0	3	17.6	4	21.1
Ages 40-49	3	25.0	4	23.5	2	10.5
Ages 50-59	1	8.3	3	17.6	3	15.8
Age 60 and Over	2	16.7	1	5.9	1	5.3
Unknown Age	0	0.0	0	0.0	3	15.8

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

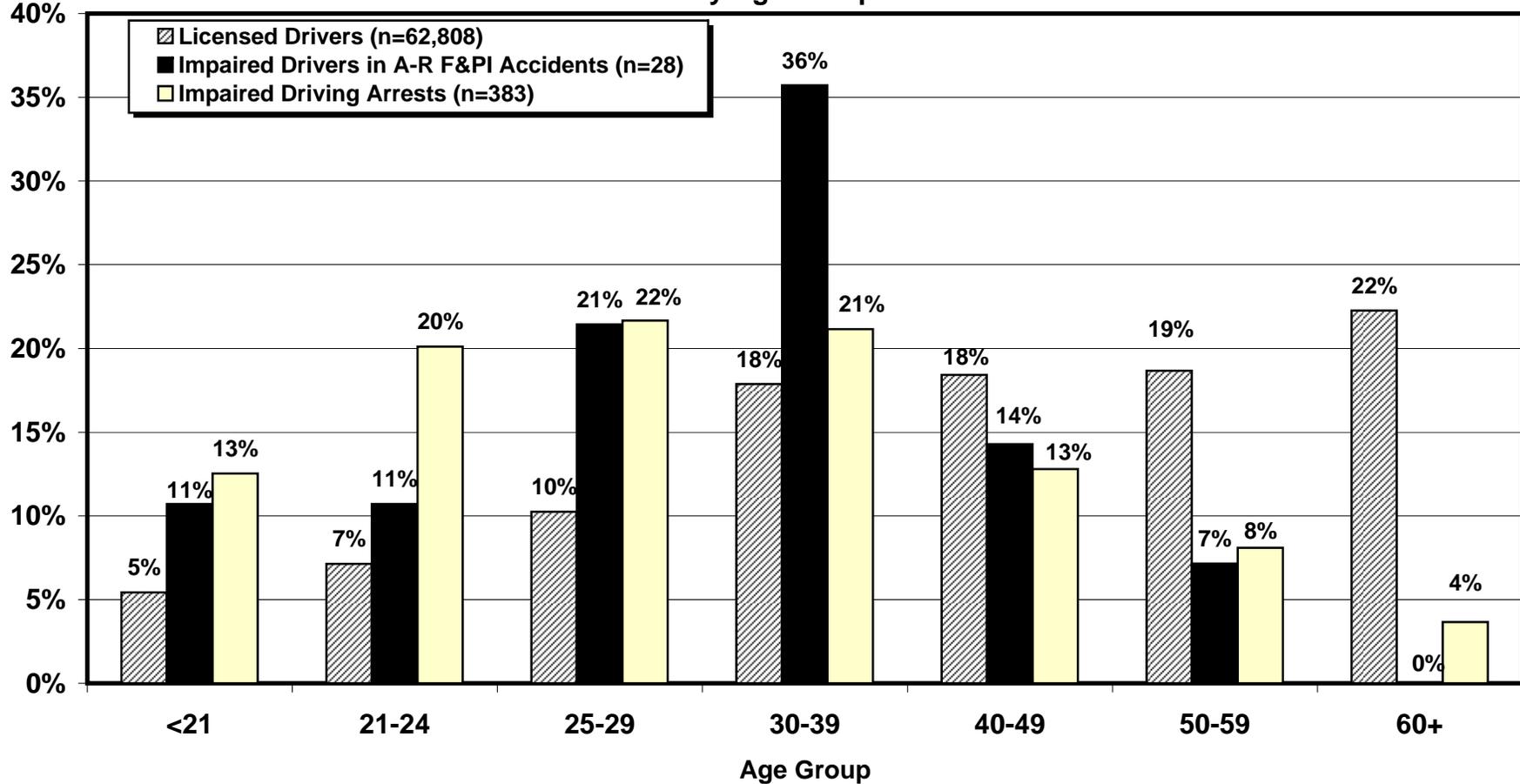
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	40		61		81	
Driver Inattention/Distracted	0	0.0	1	1.6	3	3.7
Failure to Keep Right	11	27.5	13	21.3	12	14.8
Failure to Yield R.O.W.	1	2.5	1	1.6	6	7.4
Fell Asleep	2	5.0	1	1.6	4	4.9
Following Too Closely	5	12.5	6	9.8	4	4.9
Passing/Lane Violations	3	7.5	3	4.9	12	14.8
Traffic Control Disregarded	1	2.5	3	4.9	4	4.9
Unsafe Speed	11	27.5	11	18.0	23	28.4

Note: Many accidents have multiple factors reported.

Age Group	2006			2007		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	49	100.0	1	39	100.0	3
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	1	2.6	0
Ages 16-17	3	6.1	0	1	2.6	0
Ages 18-20	9	18.4	0	3	7.7	0
Ages 21-29	14	28.6	0	14	35.9	0
Ages 30-39	12	24.5	0	12	30.8	1
Ages 40-49	3	6.1	0	5	12.8	2
Ages 50-59	3	6.1	0	3	7.7	0
Ages 60-69	3	6.1	0	0	0.0	0
Ages 70 and Over	2	4.1	1	0	0.0	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	55	100.0	46	100.0	36	100.0
No Restraint Used	14	25.5	7	15.2	6	16.7
Restraint Used	36	65.5	36	78.3	25	69.4
Unknown	5	9.1	3	6.5	5	13.9
Motorcyclists	2	100.0	2	100.0	0	0.0
No Helmet Used	2	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	1	50.0	0	0.0
Unknown	0	0.0	1	50.0	0	0.0
Bicyclists	1	100.0	0	0.0	3	100.0
No Helmet Used	1	100.0	0	0.0	3	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Tompkins 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[†]**

Tompkins 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	102	15,991	0.6	129	20,927	0.6	268	31,729	0.8
Fatal Accidents	4	378	1.1	1	391	0.3	4	369	1.1
Non-Fatal Personal Injury Accidents	88	13,884	0.6	75	13,048	0.6	86	14,405	0.6
Reportable Property Damage Accidents	10	1,729	0.6	53	7,488	0.7	178	16,955	1.0
Manner of Collision									
Single Vehicle Accidents	69	8,757	0.8	98	12,070	0.8	187	19,143	1.0
Multiple Vehicle Accidents	33	7,234	0.5	31	8,857	0.4	81	12,586	0.6
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	2	365	0.5	4	347	1.2	1	382	0.3
S-R Bicycle/Motor Vehicle Accidents	1	75	1.3	1	88	1.1	2	91	2.2
S-R Motorcycle Accidents	4	753	0.5	4	797	0.5	5	857	0.6
Fatalities									
Persons Killed (1)	4	422	0.9	1	439	0.2	4	406	1.0
Drivers Killed	4	290	1.4	0	305	0.0	3	277	1.1
<i>Speeding Drivers</i>	4	272	1.5	0	281	0.0	3	249	1.2
<i>Non-Speeding Drivers</i>	0	18	0.0	0	24	0.0	0	28	0.0
Passengers Killed	0	103	0.0	1	112	0.9	1	104	1.0
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	101	19,474	0.5	119	21,137	0.6
Drivers Injured	83	13,706	0.6	74	12,816	0.6	82	14,151	0.6
Passengers Injured	43	6,563	0.7	22	6,135	0.4	34	6,427	0.5
Pedestrians Injured	3	354	0.8	4	353	1.1	1	383	0.3
Bicyclists Injured	1	69	1.4	1	83	1.2	2	90	2.2
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
Tompkins 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	268	50	72	89	57	0
Sunday	41	10	9	15	7	0
Monday	41	11	7	16	7	0
Tuesday	33	8	14	7	4	0
Wednesday	31	2	9	13	7	0
Thursday	46	4	16	15	11	0
Friday	42	6	11	14	11	0
Saturday	34	9	6	9	10	0

Note: 2007 data similar to earlier years

TABLE 3(P) Driver Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total Drivers	143	100.0	156	100.0	341	100.0
Male	95	66.4	96	61.5	210	61.6
<i>Speeding Drivers</i>	68	47.6	80	51.3	173	50.7
<i>Non-Speeding Drivers</i>	27	18.9	16	10.3	37	10.9
Female	45	31.5	58	37.2	122	35.8
<i>Speeding Drivers</i>	33	23.1	44	28.2	88	25.8
<i>Non-Speeding Drivers</i>	12	8.4	14	9.0	34	10.0
Unknown	3	2.1	2	1.3	9	2.6
<i>Speeding Drivers</i>	0	0.0	1	0.6	5	1.5
<i>Non-Speeding Drivers</i>	3	2.1	1	0.6	4	1.2
Speeding Drivers	101	100.0	125	100.0	266	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	31	30.7	42	33.6	72	27.1
Ages 21-29	28	27.7	36	28.8	87	32.7
Ages 30-39	13	12.9	13	10.4	34	12.8
Ages 40-49	12	11.9	13	10.4	29	10.9
Ages 50-59	11	10.9	11	8.8	23	8.6
Age 60 and Over	6	5.9	9	7.2	16	6.0
Unknown Age	0	0.0	1	0.8	5	1.9
Non-Speeding Drivers	42	100.0	31	100.0	75	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	2.4	1	3.2	5	6.7
Ages 21-29	6	14.3	7	22.6	19	25.3
Ages 30-39	10	23.8	6	19.4	10	13.3
Ages 40-49	10	23.8	5	16.1	13	17.3
Ages 50-59	10	23.8	8	25.8	18	24.0
Age 60 and Over	2	4.8	3	9.7	6	8.0
Unknown Age	3	7.1	1	3.2	4	5.3

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

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total Accidents	102		129		268	
Alcohol Involvement	9	8.8	15	11.6	28	10.4
Driver Inattention/Distracted	3	2.9	3	2.3	3	1.1
Driver Inexperience	1	1.0	5	3.9	16	6.0
Failure to Keep Right	14	13.7	11	8.5	27	10.1
Failure to Yield R.O.W.	3	2.9	3	2.3	6	2.2
Following Too Closely	6	5.9	7	5.4	11	4.1
Passing/Lane Violations	0	0.0	5	3.9	17	6.3
Traffic Control Disregarded	0	0.0	2	1.6	9	3.4

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	102	100.0	5	123	100.0	3
Under Age 4	1	1.0	0	0	0.0	0
Ages 4-6	0	0.0	0	3	2.4	0
Ages 7-15	5	4.9	1	4	3.3	0
Ages 16-17	14	13.7	0	12	9.8	0
Ages 18-20	16	15.7	0	25	20.3	2
Ages 21-29	28	27.5	2	33	26.8	0
Ages 30-39	13	12.7	1	15	12.2	0
Ages 40-49	12	11.8	1	12	9.8	0
Ages 50-59	10	9.8	0	10	8.1	1
Ages 60-69	1	1.0	0	7	5.7	0
Ages 70 and Over	2	2.0	0	1	0.8	0
Unknown Age	0	0.0	0	1	0.8	0

TABLE 6(P) Reported Safety Equipment Use						
	2005		2006		2007	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	126	100.0	92	100.0	114	100.0
No Restraint Used	21	16.7	12	13.0	14	12.3
Restraint Used	102	81.0	74	80.4	94	82.5
Unknown	3	2.4	6	6.5	6	5.3
Motorcyclists	4	100.0	5	100.0	6	100.0
No Helmet Used	3	75.0	0	0.0	0	0.0
Helmet Used	1	25.0	3	60.0	6	100.0
Unknown	0	0.0	2	40.0	0	0.0
Bicyclists	1	100.0	1	100.0	2	100.0
No Helmet Used	1	100.0	0	0.0	1	50.0
Helmet Used	0	0.0	0	0.0	1	50.0
Unknown	0	0.0	1	100.0	0	0.0

SECTION 4

Motorcycle Accident Summary Report

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

Tompkins 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	31	4,892	0.6	38	4,912	0.8	34	5,426	0.6
Fatal Accidents	0	168	0.0	0	190	0.0	1	164	0.6
Non-Fatal Personal Injury Accidents	31	4,515	0.7	34	4,272	0.8	32	4,727	0.7
Reportable Property Damage Accidents	0	209	0.0	4	450	0.9	1	535	0.2
Manner of Collision									
Single Motorcycle Accidents	16	2,155	0.7	21	2,154	1.0	20	2,318	0.9
Multiple Vehicle Accidents	15	2,737	0.5	17	2,758	0.6	14	3,108	0.5
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	89	0.0	0	77	0.0	0	74	0.0
Motorcycle/Bicycle Accidents	1	17	5.9	0	29	0.0	0	19	0.0
Fatalities									
Persons Killed (1)	0	172	0.0	0	195	0.0	1	172	0.6
Drivers Killed	0	154	0.0	0	181	0.0	1	162	0.6
<i>Motorcycle Operators</i>	0	153	0.0	0	180	0.0	1	162	0.6
<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)	33	5,304	0.6	37	4,951	0.7	38	5,503	0.7
Drivers Injured	32	4,592	0.7	34	4,338	0.8	33	4,830	0.7
Passengers Injured	1	606	0.2	3	513	0.6	5	579	0.9
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**

Tompkins 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	15	13	0
Sunday	5	0	2	3	0	0
Monday	4	0	2	0	2	0
Tuesday	7	0	0	4	3	0
Wednesday	2	0	1	1	0	0
Thursday	6	0	0	3	3	0
Friday	6	0	1	3	2	0
Saturday	4	0	0	1	3	0

Note: 2007 data similar to earlier years

TABLE 3 Motorcycle Operator Gender and Age						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Operators	31	100.0	38	100.0	34	100.0
Male	29	93.5	34	89.5	30	88.2
Female	2	6.5	3	7.9	3	8.8
Unknown	0	0.0	1	2.6	1	2.9
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	3.2	0	0.0	0	0.0
Ages 21-29	7	22.6	7	18.4	5	14.7
Ages 30-39	3	9.7	8	21.1	5	14.7
Ages 40-49	12	38.7	15	39.5	12	35.3
Ages 50-59	8	25.8	4	10.5	11	32.4
Ages 60 and Over	0	0.0	3	7.9	0	0.0
Unknown Age	0	0.0	1	2.6	1	2.9

TABLE 4(P) Select Accident Contributing Factors						
	2005		2006		2007	
	#	%	#	%	#	%
Total MC Accidents	31		37		33	
Alcohol Involvement	1	3.2	2	5.4	0	0.0
Driver Inattention/Distracted	5	16.1	4	10.8	5	15.2
Driver Inexperience	1	3.2	3	8.1	4	12.1
Failure to Keep Right	1	3.2	1	2.7	1	3.0
Failure to Yield R.O.W.	8	25.8	5	13.5	4	12.1
Following Too Closely	2	6.5	5	13.5	5	15.2
Passing/Lane Violations	1	3.2	4	10.8	2	6.1
Traffic Control Disregarded	1	3.2	2	5.4	0	0.0
Turning Improperly	1	3.2	1	2.7	2	6.1
Unsafe Speed	4	12.9	4	10.8	5	15.2

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

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

Tompkins County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2005		2006		2007	
	#	%	#	%	#	%
Age Group	30	100.0	37	100.0	36	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	2	6.7	1	2.7	0	0.0
Ages 21-29	6	20.0	7	18.9	6	16.7
Ages 30-39	3	10.0	10	27.0	5	13.9
Ages 40-49	12	40.0	14	37.8	13	36.1
Ages 50-59	7	23.3	2	5.4	12	33.3
Ages 60-69	0	0.0	3	8.1	0	0.0
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2005		2006		2007	
	#	%	#	%	#	%
Motorcyclists	30	100.0	36	100.0	35	100.0
No Helmet Used	4	13.3	6	16.7	3	8.6
Helmet Used	23	76.7	27	75.0	29	82.9
Unknown	3	10.0	3	8.3	3	8.6

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2003	1,915	0.8	4,520	0.9
2004	2,055	0.8	4,859	0.8
2005	2,159	0.8	4,977	0.8
2006	2,326	0.8	5,011	0.8
2007	2,466	0.8	5,176	0.8

SECTION 5

Ticket Data

TOMPKINS COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2005	2006	2007
TOTAL TICKETS ISSUED	17,990	18,520	17,557
SPEED (V&T 1180)	4,460	4,403	3,673
% of total tickets	24.8%	23.8%	20.9%
% convicted on same charge (of adjudicated cases)	70.7%	87.0%	85.6%
SAFETY RESTRAINTS (V&T 1229c)	1,661	1,813	1,933
% of total tickets	9.2%	9.8%	11.0%
% convicted on same charge (of adjudicated cases)	70.0%	87.6%	88.8%
IMPAIRED DRIVING (V&T 1192)	665	587	694
% of total tickets	3.7%	3.2%	4.0%
Persons Arrested for Impaired Driving	(N=372)	(N=335)	(N=383)
Case adjudicated	87.9%	94.3%	93.0%
Case pending	12.1%	5.7%	7.0%
Adjudicated Cases*	(N=327)	(N=316)	(N=356)
Convicted on original 1192 charge	62.1%	59.5%	57.6%
Convicted on other 1192 charge	33.0%	34.5%	33.7%
Convicted on non-1192 charge	0.0%	0.6%	0.0%
Dismissed/Acquitted/Convicted on charge associated with different event	4.9%	5.4%	8.7%
* 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.

TOMPKINS COUNTY

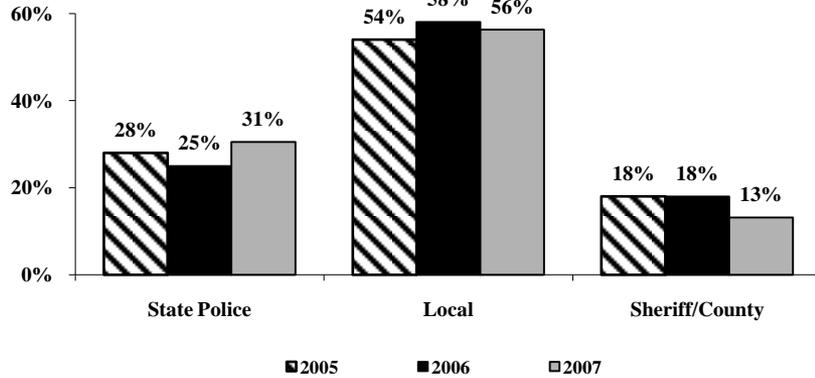
Probation Data for V&T 1192 and 511 Convictions

	2005	2006	2007
Number of Persons Sentenced to Probation	56	66	74
Number of Persons on Probation	180	196	186

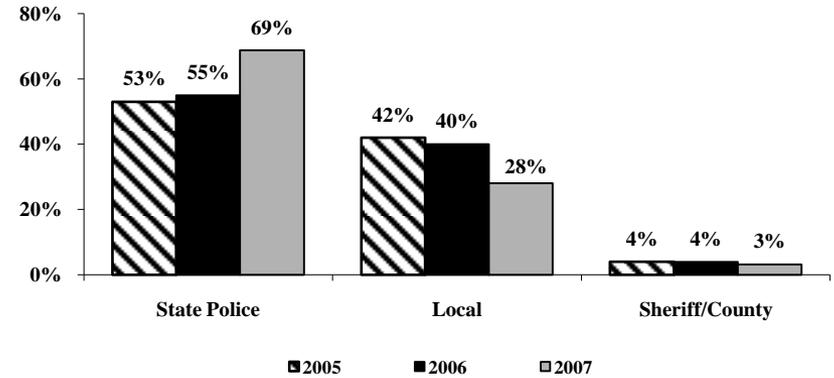
Source: NYS Division of Probation and Correctional Alternatives.

Tompkins County Tickets Issued by TSLED Agencies By Agency Type

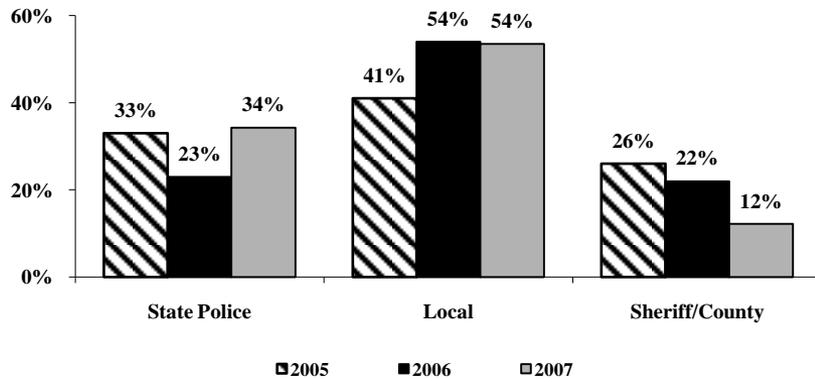
All Tickets



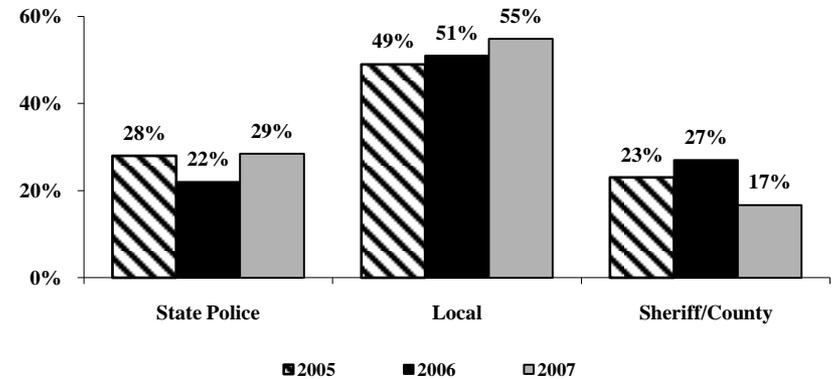
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



TOMPKINS 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
Tompkins Sheriff NCIC 05400	alcohol	153	33.8	23.0	159	36.7	27.1	109	23.2	15.7
	speed	1,132	38.6	25.7	976	29.0	22.2	448	18.6	12.2
	seatbelt	71	9.5	4.3	82	11.5	4.5	62	11.2	3.2
Ithaca P.D. NCIC 05401	alcohol	113	24.9	17.0	149	34.4	25.4	201	42.8	29.0
	speed	545	18.6	12.4	1,311	38.9	29.8	1,068	44.3	29.1
	seatbelt	48	6.5	2.9	91	12.8	5.0	116	20.9	6.0
Cornell University NCIC 05411	alcohol	69	15.2	10.4	34	7.9	5.8	51	10.9	7.3
	speed	245	8.4	5.6	208	6.2	4.7	203	8.4	5.5
	seatbelt	387	52.0	23.3	382	53.7	21.1	212	38.1	11.0
Dryden P.D. NCIC 05420	alcohol	25	5.5	3.8	28	6.5	4.8	22	4.7	3.2
	speed	349	11.9	7.9	232	6.9	5.3	173	7.2	4.7
	seatbelt	72	9.7	4.3	68	9.6	3.8	65	11.7	3.4
Groton P.D. NCIC 05422	alcohol	9	2.0	1.4	14	3.2	2.4	13	2.8	1.9
	speed	55	1.9	1.2	70	2.1	1.6	32	1.3	0.9
	seatbelt	11	1.5	0.7	12	1.7	0.7	19	3.4	1.0
Trumansburg P.D. NCIC 05424	alcohol	57	12.6	8.6	28	6.5	4.8	22	4.7	3.2
	speed	198	6.8	4.5	182	5.4	4.1	162	6.7	4.4
	seatbelt	83	11.2	5.0	33	4.6	1.8	31	5.6	1.6
Cayuga Hgts. P.D. NCIC 05425	alcohol	14	3.1	2.1	7	1.6	1.2	28	6.0	4.0
	speed	224	7.6	5.1	181	5.4	4.1	157	6.5	4.3
	seatbelt	21	2.8	1.3	9	1.3	0.5	11	2.0	0.6
Park Police/Finger Lakes Reg. NCIC 05490	alcohol	13	2.9	2.0	14	3.2	2.4	24	5.1	3.5
	speed	181	6.2	4.1	209	6.2	4.7	168	7.0	4.6
	seatbelt	51	6.9	3.1	34	4.8	1.9	40	7.2	2.1
Totals by Agency Type										
Sheriff and Local	alcohol	453		68.1	433		73.8	470		67.7
	speed	2,929		66.5	3,369		76.5	2,411		65.6
	seatbelt	744		44.8	711		39.2	556		28.8
State Police	alcohol	192		28.9	135		23.0	205		29.5
	speed	1,471		33.4	1,028		23.3	1,259		34.3
	seatbelt	888		53.5	1,007		55.5	1,328		68.7
Other incl. Ithaca College	alcohol	20		3.0	19		3.2	19		2.7
	speed	6		0.1	6		0.1	3		0.1
	seatbelt	29		1.7	95		5.2	49		2.5
County Totals										
	alcohol	665			587			694		
	speed	4,406			4,403			3,673		
	seatbelt	1,661			1,813			1,933		

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