

MADISON COUNTY

TRAFFIC SAFETY DATA



Prepared by

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COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2010-2012. Four summary reports provide detailed crash data for the three years 2010-2012. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. Caution is advised in interpreting the data in cases where the numbers are very small.

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

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SECTION 1

General Crash Summary Report

New York State Department of Motor Vehicles
Motor Vehicle Crashes
Madison County

TABLE 1 Crash Summary Totals

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	1,536	315,377	0.5	1,452	307,550	0.5	1,515	294,757	0.5
Fatal Crashes	10	1,119	0.9	6	1,077	0.6	5	1,082	0.5
Non-Fatal Personal Injury Crashes	389	134,151	0.3	342	128,036	0.3	380	123,296	0.3
Reportable Property Damage Crashes	1,137	180,107	0.6	1,104	178,437	0.6	1,130	170,379	0.7
Manner of Collision									
Single Vehicle Crashes	972	101,471	1.0	897	98,836	0.9	1,022	97,456	1.0
Multiple Vehicle Crashes	564	213,906	0.3	555	208,714	0.3	493	197,301	0.2
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	16	16,357	0.1	13	15,928	0.1	18	15,832	0.1
Bicycle/Motor Vehicle Crashes	11	6,276	0.2	8	6,076	0.1	9	6,137	0.1
Motorcycle Crashes	45	5,570	0.8	33	5,336	0.6	27	5,916	0.5
Fatalities									
Persons Killed (1)	10	1,192	0.8	6	1,153	0.5	5	1,163	0.4
Drivers Killed	8	646	1.2	4	597	0.7	3	612	0.5
Passengers Killed	1	198	0.5	1	203	0.5	0	194	0.0
Pedestrians Killed	1	311	0.3	0	296	0.0	2	312	0.6
Bicyclists Killed	0	36	0.0	1	57	1.8	0	45	0.0
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	515	187,566	0.3	465	177,445	0.3	486	169,206	0.3
Drivers Injured	378	112,104	0.3	325	106,335	0.3	347	101,605	0.3
Passengers Injured	111	52,421	0.2	117	48,677	0.2	116	45,532	0.3
Pedestrians Injured	15	16,090	0.1	13	15,689	0.1	16	15,607	0.1
Bicyclists Injured	11	6,058	0.2	7	5,883	0.1	7	5,929	0.1
Other	0	893	0.0	3	861	0.3	0	533	0.0

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

General Notes

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

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

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	209.14	197.91	209.31
Crash Rate per 10,000 Licensed Drivers	304.13	291.64	307.81
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	71.48	64.20	67.83
Fatality & Injury Rate per 10,000 Licensed Drivers	103.95	94.60	99.76

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,515	167	378	518	426	26
Sunday	192	35	42	68	46	1
Monday	178	17	43	73	42	3
Tuesday	214	18	53	68	72	3
Wednesday	235	23	48	86	74	4
Thursday	204	20	69	60	49	6
Friday	265	30	71	75	83	6
Saturday	227	24	52	88	60	3

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	1,394	100.0	1,284	100.0	1,373	100.0
State Police	533	38.2	459	35.7	486	35.4
County Police	484	34.7	499	38.9	555	40.4
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	377	27.0	326	25.4	332	24.2
Unknown	0	0.0	0	0.0	0	0.0

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

Madison County

TABLE 4 Jurisdictional Road System						
	2010		2011		2012	
Total	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

TABLE 5 Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	2,033	100.0	1,959	100.0	1,948	100.0
Male	1,138	56.0	1,119	57.1	1,129	58.0
Female	848	41.7	803	41.0	783	40.2
Unknown	47	2.3	37	1.9	36	1.8
Age						
Under Age 16	1	<0.1	0	0.0	1	0.1
Ages 16-20	299	14.7	252	12.9	243	12.5
Ages 21-29	428	21.1	417	21.3	420	21.6
Ages 30-39	294	14.5	274	14.0	290	14.9
Ages 40-49	353	17.4	349	17.8	323	16.6
Ages 50-59	299	14.7	316	16.1	316	16.2
Ages 60-69	199	9.8	174	8.9	179	9.2
Ages 70 and Over	113	5.6	138	7.0	139	7.1
Unknown Age	47	2.3	39	2.0	37	1.9

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	1,394		1,284		1,373	
Alcohol Involvement*	48	3.4	42	3.3	46	3.4
Backing Unsafely	75	5.4	56	4.4	60	4.4
Driver Inattention/Distracted	150	10.8	144	11.2	163	11.9
Driver Inexperience	21	1.5	20	1.6	18	1.3
Failure to Keep Right	75	5.4	69	5.4	84	6.1
Failure to Yield R.O.W.	131	9.4	160	12.5	134	9.8
Following Too Closely	140	10.0	117	9.1	117	8.5
Passing/Lane Violations	72	5.2	77	6.0	90	6.6
Traffic Control Disregarded	23	1.6	18	1.4	21	1.5
Turning Improperly	20	1.4	28	2.2	32	2.3
Unsafe Speed*	279	20.0	267	20.8	246	17.9

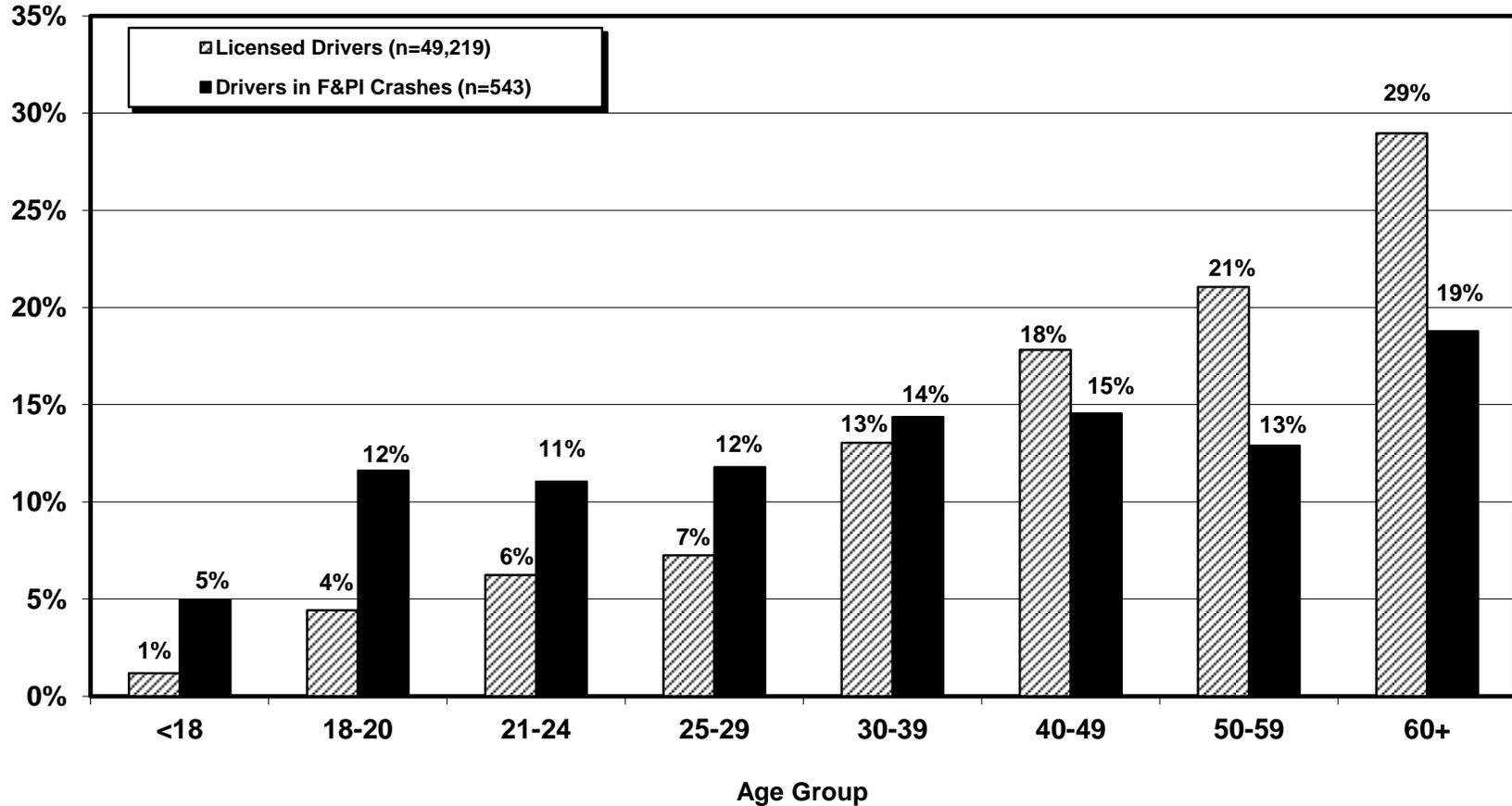
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data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

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	471	100.0	21	491	100.0	25
Under Age 4	3	0.6	0	5	1.0	0
Ages 4-6	5	1.1	0	6	1.2	1
Ages 7-15	20	4.2	7	27	5.5	4
Ages 16-17	27	5.7	2	27	5.5	0
Ages 18-20	61	13.0	0	67	13.6	2
Ages 21-29	93	19.7	3	102	20.8	3
Ages 30-39	61	13.0	1	45	9.2	3
Ages 40-49	76	16.1	4	63	12.8	2
Ages 50-59	66	14.0	3	60	12.2	4
Ages 60-69	28	5.9	0	49	10.0	2
Ages 70 and Over	29	6.2	0	37	7.5	3
Unknown Age	2	0.4	1	3	0.6	1

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	446	100.0	406	100.0	428	100.0
No Restraint Used	18	4.0	20	4.9	30	7.0
Restraint Used	420	94.2	381	93.8	394	92.1
Unknown	8	1.8	5	1.2	4	0.9
Motorcyclists	42	100.0	31	100.0	27	100.0
No Helmet Used	1	2.4	2	6.5	0	0.0
Helmet Used	41	97.6	26	83.9	26	96.3
Unknown	0	0.0	3	9.7	1	3.7
Bicyclists	10	100.0	8	100.0	7	100.0
No Helmet Used	6	60.0	5	62.5	4	57.1
Helmet Used	2	20.0	2	25.0	2	28.6
Unknown	2	20.0	1	12.5	1	14.3

FIGURE 1
Madison County 2012
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. Ten drivers in fatal and personal injury crashes were excluded due to unknown age.

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

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction

	Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2010			2011			2012		
							F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured
Towns	Brookfield	2,414	3.4	135.2	9.2	17.9	11	0.1	16	13	0.1	16	12	0.1	19
	Cazenovia	4,050	5.8	106.9	7.3	37.9	20	0.2	27	24	0.2	39	27	0.3	35
	De Ruyter	1,020	1.4	54.7	3.7	18.6	7	0.1	8	3	0.1	4	7	0.1	8
	Eaton	2,691	3.8	105.5	7.2	25.5	26	0.2	41	25	0.2	33	22	0.2	25
	Fenner	1,680	2.4	65.5	4.5	25.6	17	0.3	22	16	0.2	21	9	0.1	12
	Georgetown	953	1.4	58.4	4.0	16.3	3	0.1	4	6	0.1	8	8	0.1	9
	Hamilton	1,812	2.6	86.6	5.9	20.9	9	0.1	14	4	<0.1	4	6	0.1	6
	Lebanon	1,343	1.9	80.3	5.5	16.7	6	0.1	6	8	0.1	12	11	0.1	14
	Lenox	3,791	5.4	77.7	5.3	48.8	36	0.5	53	37	0.5	58	37	0.5	58
	Lincoln	1,875	2.7	59.5	4.1	31.5	12	0.2	14	8	0.1	9	10	0.2	11
	Madison	2,491	3.5	94.3	6.4	26.4	22	0.2	27	16	0.2	22	14	0.1	14
	Nelson	1,994	2.8	86.0	5.9	23.2	11	0.1	12	13	0.2	19	12	0.1	14
	Smithfield	1,225	1.7	52.5	3.6	23.3	0	na	na	9	0.2	9	9	0.2	11
	Stockbridge	1,666	2.4	64.6	4.4	25.8	14	0.2	20	11	0.2	14	11	0.2	15
Sullivan	10,287	14.6	156.4	10.7	65.8	71	0.5	88	35	0.2	41	64	0.4	79	
Villages	Canastota	4,470	6.3	25.0	1.7	178.8	16	0.6	17	11	0.4	19	15	0.6	18
	Cazenovia	2,712	3.9	11.4	0.8	237.9	9	0.8	11	8	0.7	10	6	0.5	7
	Chittenango	4,885	6.9	23.2	1.6	210.6	17	0.7	22	12	0.5	16	13	0.6	16
	De Ruyter	524	0.7	2.9	0.2	180.7	2	0.7	1	2	0.7	2	0	na	na
	Earlville (partial)	464	0.7	2.8	0.2	165.7	0	na	na	1	0.4	1	0	na	na
	Hamilton	3,507	5.0	10.0	0.7	350.7	4	0.4	4	4	0.4	6	2	0.2	3
	Madison	313	0.4	1.4	0.1	223.6	2	1.4	2	3	2.1	7	4	2.9	6
	Morrisville	2,249	3.2	6.8	0.5	330.7	2	0.3	2	2	0.3	2	0	na	na
	Munnsville	431	0.6	3.5	0.2	123.1	2	0.6	4	2	0.6	2	3	0.9	4
	Wampsville	583	0.8	4.3	0.3	135.6	2	0.5	2	7	1.6	9	5	1.2	6
City	Oneida	10,977	15.6	87.3	6.0	125.7	66	0.8	91	67	0.8	87	76	0.9	99
Other	unknown	na	na	na	na	na	1	na	1	1	na	1	2	na	2
Madison															
County Total		70,407		1462.6		48.1	399	0.3	525	348	0.2	471	385	0.3	491
New York State		19,227,088		113342.8		169.6	135,270	1.2	188,758	129,113	1.1	178,598	124,378	1.1	170,369

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

SECTION 2

Alcohol-Related Crash Summary Report

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

Madison County

TABLE 1(P) Alcohol-Related (A-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	49	8,613	0.6	43	8,461	0.5	49	8,633	0.6
Fatal Crashes	2	327	0.6	0	330	0.0	2	325	0.6
Non-Fatal Personal Injury Crashes	22	4,445	0.5	21	4,298	0.5	22	4,471	0.5
Reportable Property Damage Crashes	25	3,841	0.7	22	3,833	0.6	25	3,837	0.7
Manner of Collision									
Single Vehicle Crashes	40	4,798	0.8	36	4,646	0.8	32	4,725	0.7
Multiple Vehicle Crashes	9	3,815	0.2	7	3,815	0.2	17	3,908	0.4
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	1	408	0.2	1	460	0.2	2	495	0.4
A-R Bicycle/Motor Vehicle Crashes	0	100	0.0	0	105	0.0	0	118	0.0
A-R Motorcycle Crashes	1	227	0.4	2	204	1.0	1	215	0.5
Fatalities									
Persons Killed (1)	2	354	0.6	0	362	0.0	2	358	0.6
Drivers Killed	1	206	0.5	0	185	0.0	1	188	0.5
<i>Drinking Drivers</i>	1	191	0.5	0	170	0.0	1	171	0.6
<i>Non-Drinking Drivers</i>	0	15	0.0	0	15	0.0	0	17	0.0
Passengers Killed	1	64	1.6	0	73	0.0	0	62	0.0
Pedestrians Killed	0	79	0.0	0	91	0.0	1	99	1.0
Bicyclists Killed	0	5	0.0	0	13	0.0	0	9	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	31	6,337	0.5	26	6,121	0.4	30	6,303	0.5
Drivers Injured	24	4,031	0.6	21	3,874	0.5	21	4,011	0.5
Passengers Injured	6	1,815	0.3	4	1,726	0.2	6	1,741	0.3
Pedestrians Injured	1	344	0.3	1	382	0.3	3	404	0.7
Bicyclists Injured	0	95	0.0	0	91	0.0	0	105	0.0
Other	0	52	0.0	0	48	0.0	0	42	0.0

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

General Notes

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

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

Madison County

TABLE 2(P) Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	49	23	2	3	21	0
Sunday	18	12	1	2	3	0
Monday	3	0	0	1	2	0
Tuesday	5	0	0	0	5	0
Wednesday	5	2	0	0	3	0
Thursday	2	0	1	0	1	0
Friday	6	3	0	0	3	0
Saturday	10	6	0	0	4	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	57	100.0	48	100.0	58	100.0
Male	42	73.7	37	77.1	39	67.2
<i>Drinking Drivers</i>	36	63.2	33	68.8	35	60.3
<i>Non-Drinking Drivers</i>	6	10.5	4	8.3	4	6.9
Female	15	26.3	11	22.9	18	31.0
<i>Drinking Drivers</i>	12	21.1	10	20.8	13	22.4
<i>Non-Drinking Drivers</i>	3	5.3	1	2.1	5	8.6
Unknown	0	0.0	0	0.0	1	1.7
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	1	1.7
Drinking Drivers	48	100.0	43	100.0	48	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	14.6	3	7.0	4	8.3
Ages 21-29	19	39.6	20	46.5	16	33.3
Ages 30-39	12	25.0	4	9.3	8	16.7
Ages 40-49	6	12.5	9	20.9	13	27.1
Ages 50-59	2	4.2	5	11.6	5	10.4
Age 60 and Over	2	4.2	2	4.7	2	4.2
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	9	100.0	5	100.0	10	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	20.0	0	0.0
Ages 21-29	0	0.0	0	0.0	3	30.0
Ages 30-39	3	33.3	1	20.0	4	40.0
Ages 40-49	3	33.3	3	60.0	0	0.0
Ages 50-59	1	11.1	0	0.0	2	20.0
Age 60 and Over	2	22.2	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	1	10.0

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

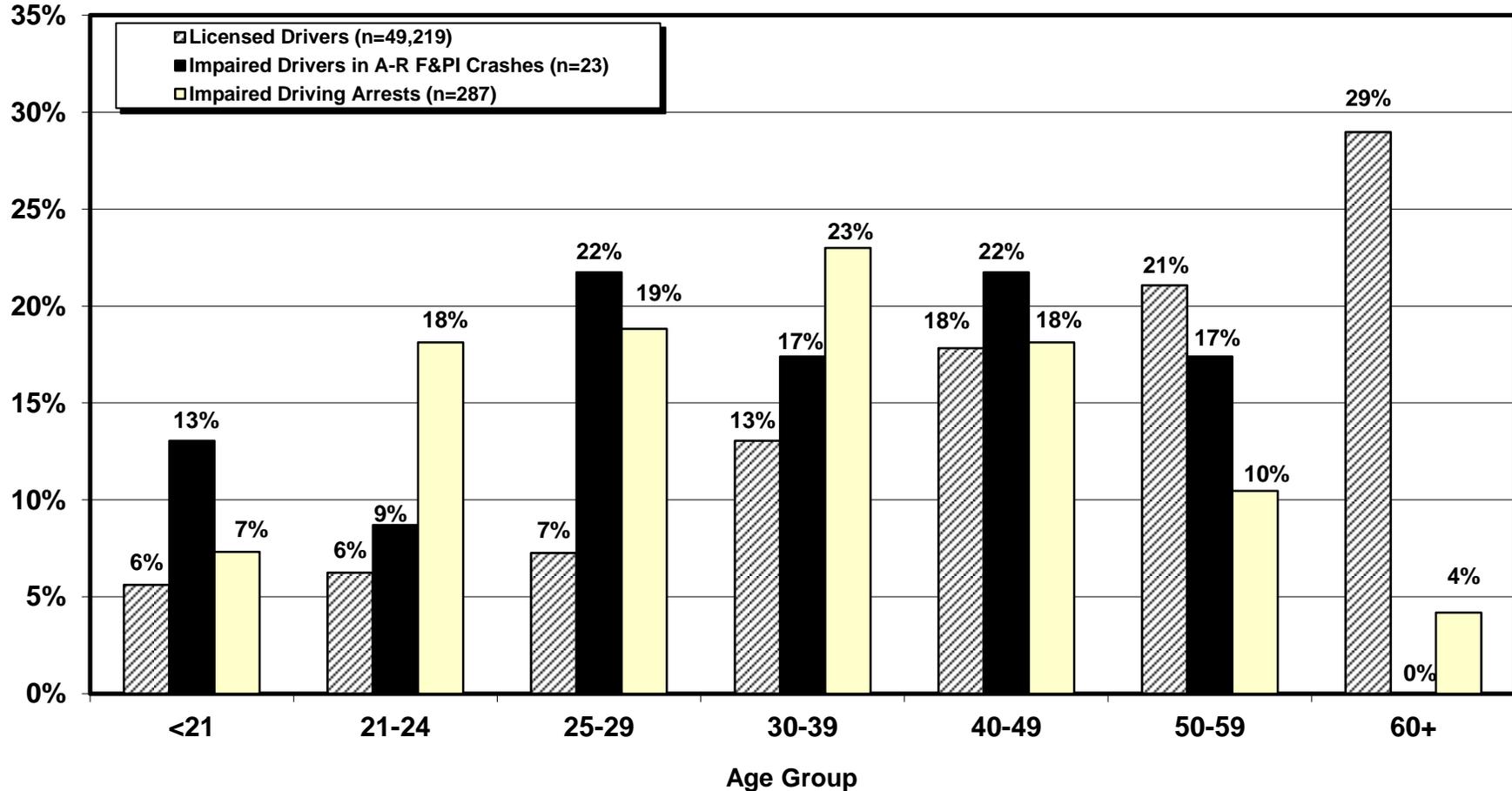
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	49		43		49	
Driver Inattention/Distracted	1	2.0	1	2.3	1	2.0
Failure to Keep Right	7	14.3	1	2.3	6	12.2
Failure to Yield R.O.W.	0	0.0	2	4.7	3	6.1
Fell Asleep	0	0.0	2	4.7	2	4.1
Following Too Closely	1	2.0	2	4.7	1	2.0
Passing/Lane Violations	1	2.0	11	25.6	4	8.2
Traffic Control Disregarded	1	2.0	1	2.3	1	2.0
Unsafe Speed	23	46.9	16	37.2	23	46.9

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	26	100.0	1	32	100.0	4
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	3.1	0
Ages 16-17	0	0.0	0	0	0.0	0
Ages 18-20	6	23.1	0	4	12.5	0
Ages 21-29	10	38.5	0	11	34.4	2
Ages 30-39	2	7.7	0	6	18.8	2
Ages 40-49	7	26.9	1	6	18.8	0
Ages 50-59	1	3.8	0	4	12.5	0
Ages 60-69	0	0.0	0	0	0.0	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	31	100.0	23	100.0	27	100.0
No Restraint Used	2	6.5	2	8.7	10	37.0
Restraint Used	27	87.1	21	91.3	15	55.6
Unknown	2	6.5	0	0.0	2	7.4
Motorcyclists	1	100.0	2	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	2	100.0	1	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Madison County 2012
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group



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

SECTION 3

Speed-Related Crash Summary Report

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

Madison County

TABLE 1(P) Speed-Related (S-R) Crashes									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	284	28,168	1.0	272	28,147	1.0	250	26,630	0.9
Fatal Crashes	7	289	2.4	2	284	0.7	1	310	0.3
Non-Fatal Personal Injury Crashes	105	12,846	0.8	96	12,838	0.7	94	12,216	0.8
Reportable Property Damage Crashes	172	15,033	1.1	174	15,025	1.2	155	14,104	1.1
Manner of Collision									
Single Vehicle Crashes	225	16,991	1.3	227	16,379	1.4	208	15,812	1.3
Multiple Vehicle Crashes	59	11,177	0.5	45	11,768	0.4	42	10,818	0.4
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	0	411	0.0	1	488	0.2	1	465	0.2
S-R Bicycle/Motor Vehicle Crashes	0	130	0.0	0	133	0.0	0	113	0.0
S-R Motorcycle Crashes	15	846	1.8	8	808	1.0	4	876	0.5
Fatalities									
Persons Killed (1)	7	319	2.2	2	319	0.6	1	348	0.3
Drivers Killed	6	231	2.6	1	211	0.5	1	242	0.4
<i>Speeding Drivers</i>	5	220	2.3	1	195	0.5	1	215	0.5
<i>Non-Speeding Drivers</i>	1	11	9.1	0	16	0.0	0	27	0.0
Passengers Killed	1	70	1.4	1	91	1.1	0	77	0.0
Pedestrians Killed	0	16	0.0	0	17	0.0	0	27	0.0
Bicyclists Killed	0	2	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	133	18,910	0.7	120	18,843	0.6	122	17,999	0.7
Drivers Injured	109	12,556	0.9	89	12,382	0.7	88	11,899	0.7
Passengers Injured	24	5,723	0.4	29	5,730	0.5	31	5,480	0.6
Pedestrians Injured	0	422	0.0	1	514	0.2	3	462	0.6
Bicyclists Injured	0	128	0.0	0	130	0.0	0	114	0.0
Other	0	81	0.0	1	87	1.1	0	44	0.0

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

General Notes

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

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

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	250	35	76	77	62	0
Sunday	36	12	5	11	8	0
Monday	23	5	9	4	5	0
Tuesday	29	2	9	10	8	0
Wednesday	28	5	5	13	5	0
Thursday	22	4	8	7	3	0
Friday	49	3	21	11	14	0
Saturday	63	4	19	21	19	0

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	342	100.0	316	100.0	285	100.0
Male	197	57.6	208	65.8	187	65.6
<i>Speeding Drivers</i>	163	47.7	177	56.0	164	57.5
<i>Non-Speeding Drivers</i>	34	9.9	31	9.8	23	8.1
Female	144	42.1	107	33.9	94	33.0
<i>Speeding Drivers</i>	120	35.1	96	30.4	81	28.4
<i>Non-Speeding Drivers</i>	24	7.0	11	3.5	13	4.6
Unknown	1	0.3	1	0.3	4	1.4
<i>Speeding Drivers</i>	1	0.3	1	0.3	3	1.1
<i>Non-Speeding Drivers</i>	0	0.0	0	0.0	1	0.4
Speeding Drivers	284	100.0	274	100.0	248	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	80	28.2	72	26.3	75	30.2
Ages 21-29	91	32.0	90	32.8	65	26.2
Ages 30-39	32	11.3	37	13.5	29	11.7
Ages 40-49	34	12.0	32	11.7	34	13.7
Ages 50-59	23	8.1	23	8.4	24	9.7
Age 60 and Over	23	8.1	19	6.9	18	7.3
Unknown Age	1	0.4	1	0.4	3	1.2
Non-Speeding Drivers	58	100.0	42	100.0	37	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	13.8	9	21.4	2	5.4
Ages 21-29	7	12.1	6	14.3	8	21.6
Ages 30-39	11	19.0	5	11.9	9	24.3
Ages 40-49	13	22.4	11	26.2	7	18.9
Ages 50-59	12	20.7	6	14.3	10	27.0
Age 60 and Over	7	12.1	5	11.9	0	0.0
Unknown Age	0	0.0	0	0.0	1	2.7

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	284		272		250	
Alcohol Involvement	25	8.8	16	5.9	24	9.6
Driver Inattention/Distraction	9	3.2	10	3.7	9	3.6
Driver Inexperience	8	2.8	7	2.6	5	2.0
Failure to Keep Right	18	6.3	21	7.7	27	10.8
Failure to Yield R.O.W.	2	0.7	3	1.1	0	0.0
Following Too Closely	12	4.2	5	1.8	4	1.6
Passing/Lane Violations	9	3.2	11	4.0	9	3.6
Traffic Control Disregarded	4	1.4	1	0.4	5	2.0

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	122	100.0	1	123	100.0	3
Under Age 4	1	0.8	0	1	0.8	0
Ages 4-6	1	0.8	0	0	0.0	0
Ages 7-15	6	4.9	1	8	6.5	0
Ages 16-17	12	9.8	0	11	8.9	0
Ages 18-20	20	16.4	0	23	18.7	0
Ages 21-29	38	31.1	0	32	26.0	1
Ages 30-39	11	9.0	0	12	9.8	2
Ages 40-49	14	11.5	0	17	13.8	0
Ages 50-59	12	9.8	0	12	9.8	0
Ages 60-69	3	2.5	0	3	2.4	0
Ages 70 and Over	4	3.3	0	4	3.3	0
Unknown Age	0	0.0	0	0	0.0	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	123	100.0	112	100.0	115	100.0
No Restraint Used	7	5.7	9	8.0	13	11.3
Restraint Used	115	93.5	100	89.3	99	86.1
Unknown	1	0.8	3	2.7	3	2.6
Motorcyclists	17	100.0	8	100.0	5	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	17	100.0	8	100.0	5	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

SECTION 4

Motorcycle Crash Summary Report

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

Madison County

TABLE 1 Crash Summary Totals									
Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	45	5,570	0.8	33	5,336	0.6	27	5,916	0.5
Fatal Crashes	1	180	0.6	3	168	1.8	0	164	0.0
Non-Fatal Personal Injury Crashes	41	4,757	0.9	28	4,550	0.6	24	5,052	0.5
Reportable Property Damage Crashes	3	633	0.5	2	618	0.3	3	700	0.4
Manner of Collision									
Single Motorcycle Crashes	32	2,426	1.3	23	2,408	1.0	21	2,564	0.8
Multiple Vehicle Crashes	13	3,144	0.4	10	2,928	0.3	6	3,352	0.2
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	79	0.0	0	64	0.0	0	89	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	0	27	0.0	0	38	0.0
Fatalities									
Persons Killed (1)	1	185	0.5	3	171	1.8	0	173	0.0
Drivers Killed	1	173	0.6	3	162	1.9	0	155	0.0
<i>Motorcycle Operators</i>	1	172	0.6	3	162	1.9	0	154	0.0
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	11	0.0	0	6	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	11	0.0	0	6	0.0	0	10	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	1	0.0	0	3	0.0	0	6	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	46	5,468	0.8	30	5,180	0.6	27	5,820	0.5
Drivers Injured	43	4,819	0.9	28	4,604	0.6	23	5,129	0.4
Passengers Injured	3	520	0.6	2	485	0.4	4	562	0.7
Pedestrians Injured	0	85	0.0	0	59	0.0	0	88	0.0
Bicyclists Injured	0	27	0.0	0	22	0.0	0	31	0.0
Other	0	17	0.0	0	10	0.0	0	10	0.0

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

General Notes

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

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

Madison County

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	27	0	8	15	4	0
Sunday	8	0	3	4	1	0
Monday	2	0	0	2	0	0
Tuesday	6	0	2	2	2	0
Wednesday	2	0	0	2	0	0
Thursday	5	0	2	3	0	0
Friday	1	0	0	0	1	0
Saturday	3	0	1	2	0	0

TABLE 3 Motorcycle Operator Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	47	100.0	33	100.0	28	100.0
Male	42	89.4	29	87.9	23	82.1
Female	5	10.6	4	12.1	5	17.9
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	5	10.6	2	6.1	0	0.0
Ages 21-29	8	17.0	8	24.2	2	7.1
Ages 30-39	6	12.8	4	12.1	8	28.6
Ages 40-49	13	27.7	5	15.2	5	17.9
Ages 50-59	7	14.9	11	33.3	6	21.4
Ages 60 and Over	8	17.0	3	9.1	7	25.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	42		33		26	
Alcohol Involvement	1	2.4	2	6.1	1	3.8
Driver Inattention/Distraction	3	7.1	3	9.1	0	0.0
Driver Inexperience	4	9.5	1	3.0	3	11.5
Failure to Keep Right	2	4.8	2	6.1	1	3.8
Failure to Yield R.O.W.	3	7.1	8	24.2	0	0.0
Following Too Closely	4	9.5	1	3.0	4	15.4
Passing/Lane Violations	3	7.1	0	0.0	1	3.8
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	0	0.0	1	3.0	0	0.0
Unsafe Speed	15	35.7	8	24.2	4	15.4

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	45	100.0	31	100.0	27	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	1	2.2	0	0.0	0	0.0
Ages 16-17	1	2.2	1	3.2	0	0.0
Ages 18-20	4	8.9	1	3.2	0	0.0
Ages 21-29	7	15.6	6	19.4	2	7.4
Ages 30-39	5	11.1	4	12.9	6	22.2
Ages 40-49	12	26.7	5	16.1	7	25.9
Ages 50-59	7	15.6	11	35.5	5	18.5
Ages 60-69	6	13.3	2	6.5	5	18.5
Ages 70 and Over	2	4.4	1	3.2	1	3.7
Unknown Age	0	0.0	0	0.0	1	3.7

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	42	100.0	31	100.0	27	100.0
No Helmet Used	1	2.4	2	6.5	0	0.0
Helmet Used	41	97.6	26	83.9	26	96.3
Unknown	0	0.0	3	9.7	1	3.7

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2008	3,005	0.9	5,861	0.9
2009	3,075	0.9	5,995	0.9
2010	3,117	0.9	6,018	0.9
2011	3,256	0.9	6,068	0.9
2012	3,174	0.9	6,103	0.9

SECTION 5

Ticket Data

MADISON COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED	17,366	18,060	16,687
SPEED (V&T 1180)	3,922	3,904	3,784
% of total tickets	22.6%	21.6%	22.7%
% convicted on same charge (of adjudicated cases)	38.6%	38.4%	35.1%
SAFETY RESTRAINTS (V&T 1229c)	1,541	1,123	766
% of total tickets	8.9%	6.2%	4.6%
% convicted on same charge (of adjudicated cases)	79.1%	74.1%	74.4%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	123	94	75
IMPAIRED DRIVING (V&T 1192)	663	531	515
% of total tickets	3.8%	2.9%	3.1%
Persons Arrested for Impaired Driving	(N=364)	(N=291)	(N=287)
Case adjudicated	92.0%	91.8%	81.9%
Case pending	8.0%	8.2%	18.1%
Adjudicated Cases*	(N=335)	(N=267)	(N=235)
Convicted on original 1192 charge	43.3%	37.8%	35.3%
Convicted on other 1192 charge	49.0%	53.2%	59.2%
Convicted on non-1192 charge	3.6%	5.2%	2.1%
Dismissed/Acquitted/Convicted on charge associated with different event	4.2%	3.8%	3.4%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYS DMV TSLED ticket system.

MADISON COUNTY

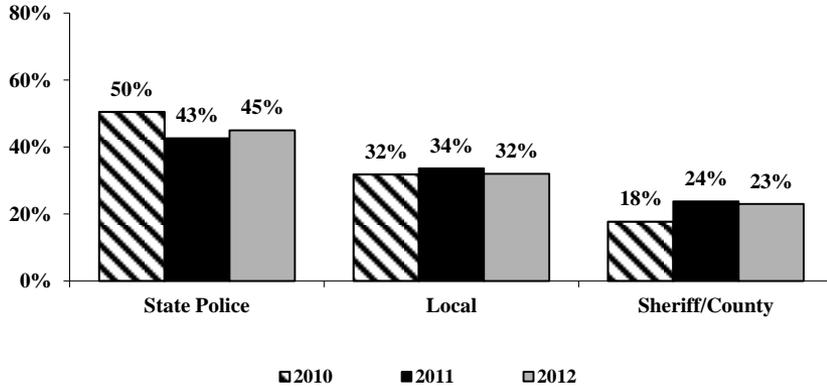
Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	33	48	32
Number of Persons on Probation	76	92	81

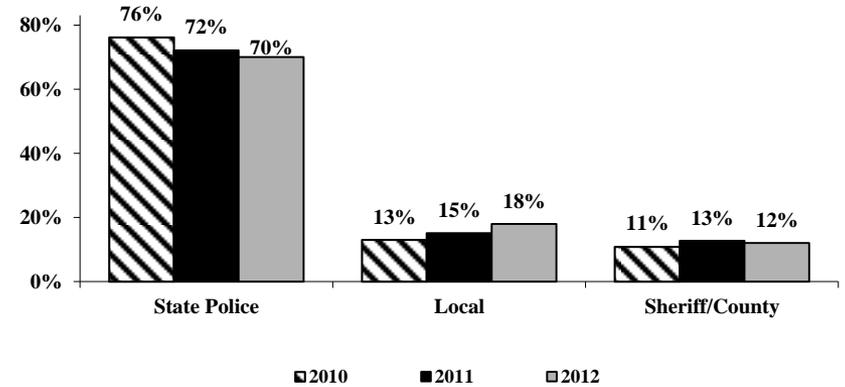
Source: NYS Division of Probation and Correctional Alternatives.

Madison County Tickets Issued by TSLED Agencies By Agency Type

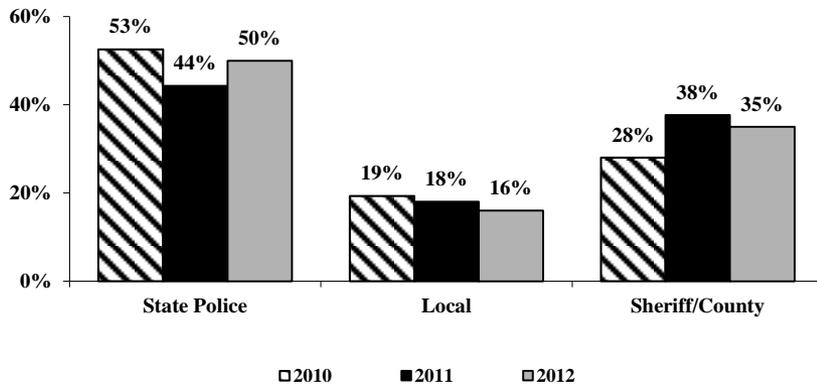
All Tickets



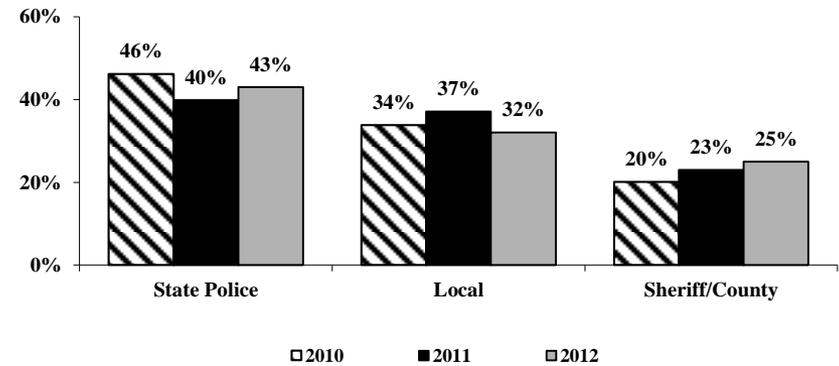
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MADISON COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2010			2011			2012		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Madison Sheriff NCIC 02600	alcohol	134	37.4	20.2	120	38.1	22.6	122	41.2	23.7
	speed	1,100	60.2	28.0	1,471	67.9	37.7	1,316	69.2	34.8
	seatbelt	168	49.6	10.9	143	47.8	12.7	94	41.0	12.3
Oneida City P.D. NCIC 02601	alcohol	95	26.5	14.3	110	34.9	20.7	67	22.6	13.0
	speed	311	17.0	7.9	165	7.6	4.2	188	9.9	5.0
	seatbelt	72	21.2	4.7	35	11.7	3.1	63	27.5	8.2
Cazenovia P.D. NCIC 02621	alcohol	18	5.0	2.7	11	3.5	2.1	12	4.1	2.3
	speed	82	4.5	2.1	132	6.1	3.4	24	1.3	0.6
	seatbelt	10	2.9	0.6	34	11.4	3.0	3	1.3	0.4
Hamilton Village P.D. NCIC 02625	alcohol	33	9.2	5.0	22	7.0	4.1	14	4.7	2.7
	speed	60	3.3	1.5	59	2.7	1.5	114	6.0	3.0
	seatbelt	8	2.4	0.5	50	16.7	4.5	17	7.4	2.2
Canastota P.D. NCIC 02626	alcohol	25	7.0	3.8	30	9.5	5.6	32	10.8	6.2
	speed	79	4.3	2.0	67	3.1	1.7	48	2.5	1.3
	seatbelt	16	4.7	1.0	33	11.0	2.9	25	10.9	3.3
Chittenango P.D. NCIC 02629	alcohol	41	11.5	6.2	14	4.4	2.6	32	10.8	6.2
	speed	186	10.2	4.7	250	11.5	6.4	54	2.8	1.4
	seatbelt	65	19.2	4.2	3	1.0	0.3	17	7.4	2.2
SUNY Morrisville NCIC 02604	alcohol	12	3.4	1.8	8	2.5	1.5	17	5.7	3.3
	speed	10	0.5	0.3	21	1.0	0.5	157	8.3	4.1
	seatbelt	0	0.0	0.0	1	0.3	0.1	10	4.4	1.3
Totals by Agency Type										
Sheriff and Local	alcohol	358		54.0	315		59.3	296		57.5
	speed	1,828		46.6	2,165		55.5	1,901		50.2
	seatbelt	339		22.0	299		26.6	229		29.9
State Police	alcohol	303		45.7	216		40.7	219		42.5
	speed	2,063		52.6	1,730		44.3	1,878		49.6
	seatbelt	1,173		76.1	810		72.1	533		69.6
Other <i>incl. Park Police</i>	alcohol	2		0.3	0		0.0	0		0.0
	speed	31		0.8	9		0.2	5		0.1
	seatbelt	29		1.9	14		1.2	4		0.5
County Totals										
	alcohol	663			531			515		
	speed	3,922			3,904			3,784		
	seatbelt	1,541			1,123			766		

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