

MONROE 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
Monroe 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	15,435	315,377	4.9	14,626	307,550	4.8	14,138	294,757	4.8
Fatal Crashes	45	1,119	4.0	42	1,077	3.9	36	1,082	3.3
Non-Fatal Personal Injury Crashes	5,195	134,151	3.9	4,841	128,036	3.8	4,518	123,296	3.7
Reportable Property Damage Crashes	10,195	180,107	5.7	9,743	178,437	5.5	9,584	170,379	5.6
Manner of Collision									
Single Vehicle Crashes	4,386	101,471	4.3	4,198	98,836	4.2	3,994	97,456	4.1
Multiple Vehicle Crashes	11,049	213,906	5.2	10,428	208,714	5.0	10,144	197,301	5.1
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	339	16,357	2.1	323	15,928	2.0	313	15,832	2.0
Bicycle/Motor Vehicle Crashes	242	6,276	3.9	261	6,076	4.3	231	6,137	3.8
Motorcycle Crashes	198	5,570	3.6	245	5,336	4.6	247	5,916	4.2
Fatalities									
Persons Killed (1)	49	1,192	4.1	45	1,153	3.9	37	1,163	3.2
Drivers Killed	23	646	3.6	29	597	4.9	22	612	3.6
Passengers Killed	11	198	5.6	11	203	5.4	7	194	3.6
Pedestrians Killed	13	311	4.2	4	296	1.4	6	312	1.9
Bicyclists Killed	2	36	5.6	1	57	1.8	2	45	4.4
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	6,871	187,566	3.7	6,539	177,445	3.7	5,871	169,206	3.5
Drivers Injured	4,693	112,104	4.2	4,362	106,335	4.1	3,936	101,605	3.9
Passengers Injured	1,602	52,421	3.1	1,574	48,677	3.2	1,388	45,532	3.0
Pedestrians Injured	319	16,090	2.0	320	15,689	2.0	311	15,607	2.0
Bicyclists Injured	236	6,058	3.9	256	5,883	4.4	221	5,929	3.7
Other	21	893	2.4	27	861	3.1	15	533	2.8

(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
Monroe County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	207.36	196.16	189.06
Crash Rate per 10,000 Licensed Drivers	301.81	288.68	278.40
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	92.97	88.30	79.00
Fatality & Injury Rate per 10,000 Licensed Drivers	135.31	129.95	116.34

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	14,138	1,101	3,784	5,787	3,012	454
Sunday	1,536	293	272	549	364	58
Monday	1,961	109	619	796	377	60
Tuesday	2,084	93	589	938	404	60
Wednesday	2,037	88	582	893	413	61
Thursday	2,133	119	579	897	461	77
Friday	2,388	148	600	1,005	567	68
Saturday	1,999	251	543	709	426	70

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	13,151	100.0	12,737	100.0	12,488	100.0
State Police	1,457	11.1	1,327	10.4	1,232	9.9
County Police	4,159	31.6	3,954	31.0	3,723	29.8
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	7,535	57.3	7,456	58.5	7,533	60.3
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Monroe 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	26,238	100.0	24,706	100.0	23,859	100.0
Male	13,259	50.5	12,345	50.0	12,084	50.6
Female	11,758	44.8	11,240	45.5	10,723	44.9
Unknown	1,221	4.7	1,121	4.5	1,052	4.4
Age						
Under Age 16	0	0.0	1	<0.1	4	<0.1
Ages 16-20	3,053	11.6	2,683	10.9	2,586	10.8
Ages 21-29	5,675	21.6	5,462	22.1	5,350	22.4
Ages 30-39	3,987	15.2	3,704	15.0	3,596	15.1
Ages 40-49	4,345	16.6	4,227	17.1	3,737	15.7
Ages 50-59	3,899	14.9	3,585	14.5	3,597	15.1
Ages 60-69	2,247	8.6	2,216	9.0	2,219	9.3
Ages 70 and Over	1,766	6.7	1,675	6.8	1,676	7.0
Unknown Age	1,266	4.8	1,153	4.7	1,094	4.6

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

TABLE 6(P) Select Crash Contributing Factors

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	13,151		12,737		12,488	
Alcohol Involvement*	438	3.3	487	3.8	486	3.9
Backing Unsafely	591	4.5	587	4.6	652	5.2
Driver Inattention/Distraction	3,320	25.2	2,994	23.5	2,875	23.0
Driver Inexperience	213	1.6	235	1.8	302	2.4
Failure to Keep Right	162	1.2	158	1.2	130	1.0
Failure to Yield R.O.W.	2,644	20.1	2,501	19.6	2,456	19.7
Following Too Closely	2,477	18.8	2,551	20.0	2,556	20.5
Passing/Lane Violations	1,130	8.6	1,169	9.2	1,277	10.2
Traffic Control Disregarded	577	4.4	623	4.9	537	4.3
Turning Improperly	493	3.7	542	4.3	493	3.9
Unsafe Speed*	1,632	12.4	1,504	11.8	1,323	10.6

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

Note: Many crashes have multiple factors reported.

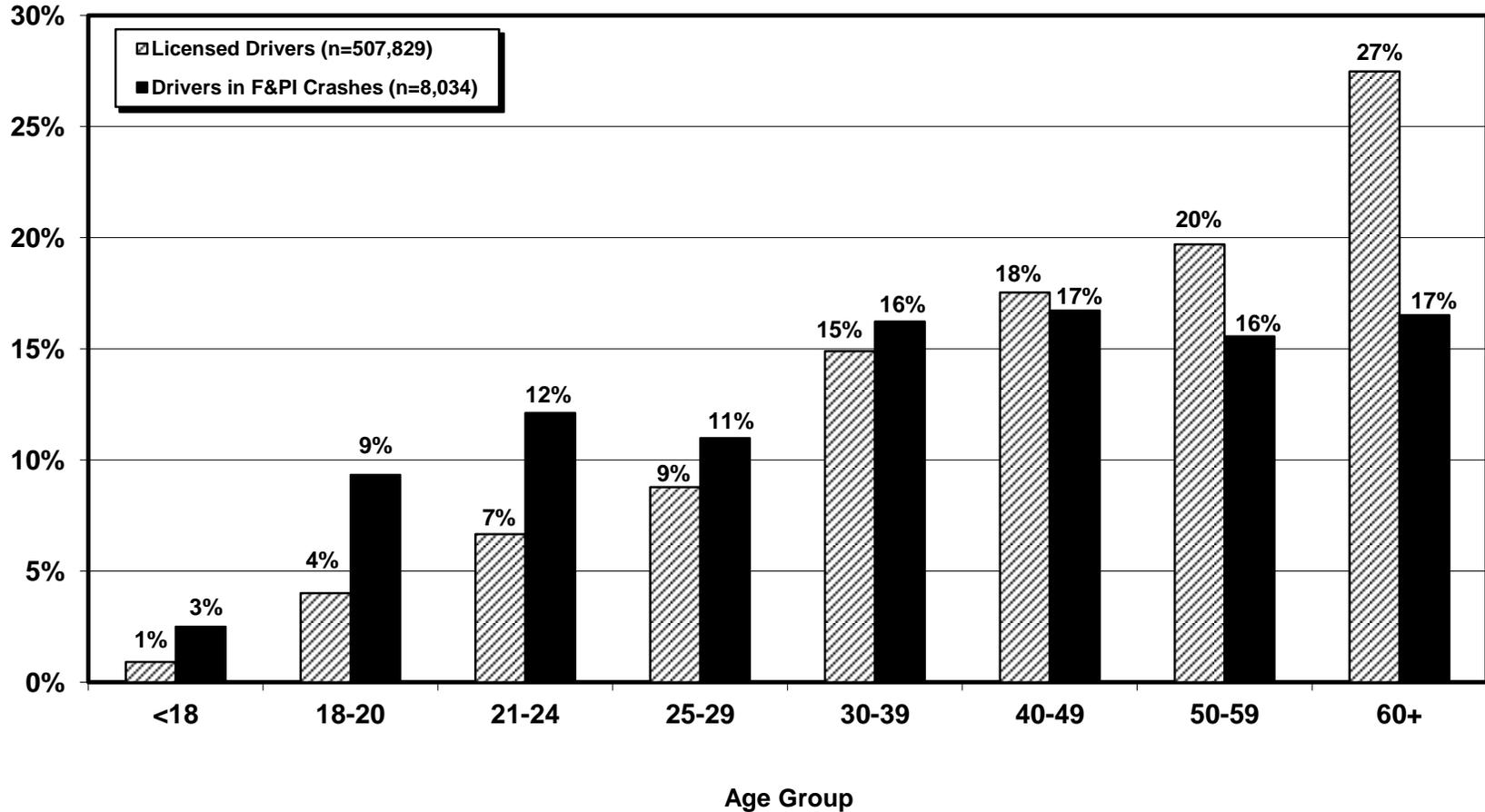
TABLE 7 Persons Killed or Injured by Age Group: 2011-2012

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	6,584	100.0	581	5,908	100.0	540
Under Age 4	65	1.0	8	53	0.9	4
Ages 4-6	76	1.2	14	58	1.0	7
Ages 7-15	357	5.4	106	292	4.9	78
Ages 16-17	209	3.2	35	185	3.1	36
Ages 18-20	609	9.2	61	513	8.7	49
Ages 21-29	1,380	21.0	99	1,269	21.5	97
Ages 30-39	921	14.0	53	840	14.2	54
Ages 40-49	1,084	16.5	75	842	14.3	56
Ages 50-59	890	13.5	61	839	14.2	81
Ages 60-69	505	7.7	30	516	8.7	31
Ages 70 and Over	410	6.2	24	424	7.2	30
Unknown Age	78	1.2	15	77	1.3	17

TABLE 8(P) Reported Safety Equipment Use

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	5,931	100.0	5,607	100.0	4,976	100.0
No Restraint Used	346	5.8	314	5.6	292	5.9
Restraint Used	5,421	91.4	5,176	92.3	4,543	91.3
Unknown	164	2.8	117	2.1	141	2.8
Motorcyclists	172	100.0	218	100.0	231	100.0
No Helmet Used	19	11.0	16	7.3	12	5.2
Helmet Used	143	83.1	186	85.3	210	90.9
Unknown	10	5.8	16	7.3	9	3.9
Bicyclists	234	100.0	254	100.0	221	100.0
No Helmet Used	123	52.6	170	66.9	162	73.3
Helmet Used	32	13.7	39	15.4	30	13.6
Unknown	79	33.8	45	17.7	29	13.1

FIGURE 1
Monroe 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. 184 drivers in fatal and personal injury crashes were excluded due to unknown age.

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

Monroe 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 Brighton	34,601	4.7	141.6	4.1	244.4	437	3.1	586	413	2.9	552	405	2.9	514
Chili	28,497	3.9	176.8	5.1	161.2	154	0.9	192	148	0.8	198	150	0.8	200
Clarkson	6,242	0.8	55.0	1.6	113.5	37	0.7	57	38	0.7	53	36	0.7	42
Gates	28,749	3.9	141.1	4.1	203.7	289	2.0	354	276	2.0	358	238	1.7	308
Greece	94,553	12.9	355.8	10.3	265.7	466	1.3	642	520	1.5	700	459	1.3	629
Hamlin	9,222	1.3	96.2	2.8	95.9	30	0.3	47	32	0.3	53	25	0.3	34
Henrietta	40,866	5.6	201.1	5.8	203.2	348	1.7	477	319	1.6	453	274	1.4	361
Irondequoit	51,640	7.0	199.8	5.8	258.5	231	1.2	304	207	1.0	282	229	1.1	304
Mendon	6,136	0.8	102.9	3.0	59.6	34	0.3	46	39	0.4	54	46	0.4	54
Ogden	15,613	2.1	112.6	3.3	138.7	82	0.7	110	69	0.6	97	80	0.7	112
Parma	9,382	1.3	88.5	2.6	106.0	41	0.5	63	49	0.6	67	49	0.6	66
Penfield	35,691	4.9	192.3	5.6	185.6	214	1.1	294	206	1.1	281	200	1.0	256
Perinton	40,780	5.5	215.2	6.2	189.5	172	0.8	222	185	0.9	240	162	0.8	210
Pittsford	26,735	3.6	152.6	4.4	175.2	156	1.0	197	139	0.9	190	129	0.8	158
Riga	3,563	0.5	72.2	2.1	49.3	26	0.4	28	36	0.5	44	22	0.3	33
Rush	3,554	0.5	88.3	2.6	40.2	43	0.5	51	42	0.5	62	35	0.4	42
Sweden	5,807	0.8	71.6	2.1	81.1	72	1.0	96	68	0.9	117	72	1.0	91
Webster	35,272	4.8	187.9	5.4	187.7	147	0.8	186	149	0.8	197	132	0.7	172
Wheatland	2,971	0.4	73.0	2.1	40.7	39	0.5	50	33	0.5	51	18	0.2	29

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

Monroe 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	
Villages															
Brockport	8,136	1.1	25.7	0.7	316.6	19	0.7	20	31	1.2	42	30	1.2	38	
Churchville	1,905	0.3	7.8	0.2	244.2	3	0.4	3	3	0.4	3	7	0.9	8	
East Rochester	6,441	0.9	21.8	0.6	295.5	26	1.2	30	28	1.3	36	17	0.8	19	
Fairport	5,640	0.8	19.9	0.6	283.4	20	1.0	25	14	0.7	18	12	0.6	16	
Hilton	5,960	0.8	19.9	0.6	299.5	8	0.4	12	11	0.6	14	9	0.5	10	
Honeoye Falls	2,590	0.4	10.3	0.3	251.5	8	0.8	9	8	0.8	10	6	0.6	8	
Pittsford	1,369	0.2	7.2	0.2	190.1	20	2.8	25	28	3.9	32	21	2.9	22	
Scottsville	2,082	0.3	9.8	0.3	212.4	9	0.9	10	5	0.5	6	7	0.7	7	
Spencerport	3,550	0.5	15.4	0.4	230.5	9	0.6	11	15	1.0	18	15	1.0	19	
Webster	5,149	0.7	20.3	0.6	253.6	28	1.4	36	26	1.3	30	17	0.8	19	
City															
Rochester	212,481	28.9	579.8	16.7	366.5	2,060	3.6	2,723	1,737	3.0	2,317	1,642	2.8	2,113	
Other															
unknown	na	na	na	na	na	10	na	11	9	na	9	7	na	12	
Monroe															
County Total	735,177		3462.4		212.3	5,240	1.5	6,920	4,883	1.4	6,584	4,554	1.3	5,908	
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**

Monroe 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	463	8,613	5.4	509	8,461	6.0	509	8,633	5.9
Fatal Crashes	17	327	5.2	16	330	4.8	15	325	4.6
Non-Fatal Personal Injury Crashes	232	4,445	5.2	249	4,298	5.8	235	4,471	5.3
Reportable Property Damage Crashes	214	3,841	5.6	244	3,833	6.4	259	3,837	6.8
Manner of Collision									
Single Vehicle Crashes	258	4,798	5.4	276	4,646	5.9	262	4,725	5.5
Multiple Vehicle Crashes	205	3,815	5.4	233	3,815	6.1	247	3,908	6.3
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	12	408	2.9	16	460	3.5	18	495	3.6
A-R Bicycle/Motor Vehicle Crashes	7	100	7.0	10	105	9.5	5	118	4.2
A-R Motorcycle Crashes	18	227	7.9	17	204	8.3	16	215	7.4
Fatalities									
Persons Killed (1)	21	354	5.9	17	362	4.7	16	358	4.5
Drivers Killed	12	206	5.8	12	185	6.5	10	188	5.3
<i>Drinking Drivers</i>	12	191	6.3	10	170	5.9	9	171	5.3
<i>Non-Drinking Drivers</i>	0	15	0.0	2	15	13.3	1	17	5.9
Passengers Killed	6	64	9.4	4	73	5.5	3	62	4.8
Pedestrians Killed	3	79	3.8	1	91	1.1	1	99	1.0
Bicyclists Killed	0	5	0.0	0	13	0.0	2	9	22.2
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	313	6,337	4.9	361	6,121	5.9	312	6,303	5.0
Drivers Injured	221	4,031	5.5	234	3,874	6.0	214	4,011	5.3
Passengers Injured	75	1,815	4.1	99	1,726	5.7	76	1,741	4.4
Pedestrians Injured	10	344	2.9	16	382	4.2	17	404	4.2
Bicyclists Injured	7	95	7.4	10	91	11.0	3	105	2.9
Other	0	52	0.0	2	48	4.2	2	42	4.8

(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
Monroe 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	509	235	18	52	203	1
Sunday	125	72	5	7	41	0
Monday	47	19	3	10	15	0
Tuesday	53	15	2	6	29	1
Wednesday	43	12	1	6	24	0
Thursday	61	19	2	7	33	0
Friday	93	43	2	7	41	0
Saturday	87	55	3	9	20	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	621	100.0	688	100.0	704	100.0
Male	410	66.0	454	66.0	451	64.1
<i>Drinking Drivers</i>	317	51.0	347	50.4	342	48.6
<i>Non-Drinking Drivers</i>	93	15.0	107	15.6	109	15.5
Female	197	31.7	219	31.8	242	34.4
<i>Drinking Drivers</i>	127	20.5	139	20.2	148	21.0
<i>Non-Drinking Drivers</i>	69	11.1	80	11.6	94	13.4
Unknown	14	2.3	15	2.2	11	1.6
<i>Drinking Drivers</i>	1	0.2	4	0.6	1	0.1
<i>Non-Drinking Drivers</i>	13	2.1	11	1.6	10	1.4
Drinking Drivers	445	100.0	490	100.0	491	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	45	10.1	40	8.2	35	7.1
Ages 21-29	165	37.1	173	35.3	189	38.5
Ages 30-39	103	23.1	107	21.8	106	21.6
Ages 40-49	80	18.0	96	19.6	77	15.7
Ages 50-59	39	8.8	42	8.6	64	13.0
Age 60 and Over	12	2.7	27	5.5	19	3.9
Unknown Age	1	0.2	5	1.0	1	0.2
Non-Drinking Drivers	176	100.0	198	100.0	213	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	16	9.1	24	12.1	24	11.3
Ages 21-29	57	32.4	46	23.2	56	26.3
Ages 30-39	31	17.6	29	14.6	35	16.4
Ages 40-49	30	17.0	33	16.7	32	15.0
Ages 50-59	15	8.5	25	12.6	29	13.6
Age 60 and Over	14	8.0	29	14.6	27	12.7
Unknown Age	13	7.4	12	6.1	10	4.7

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

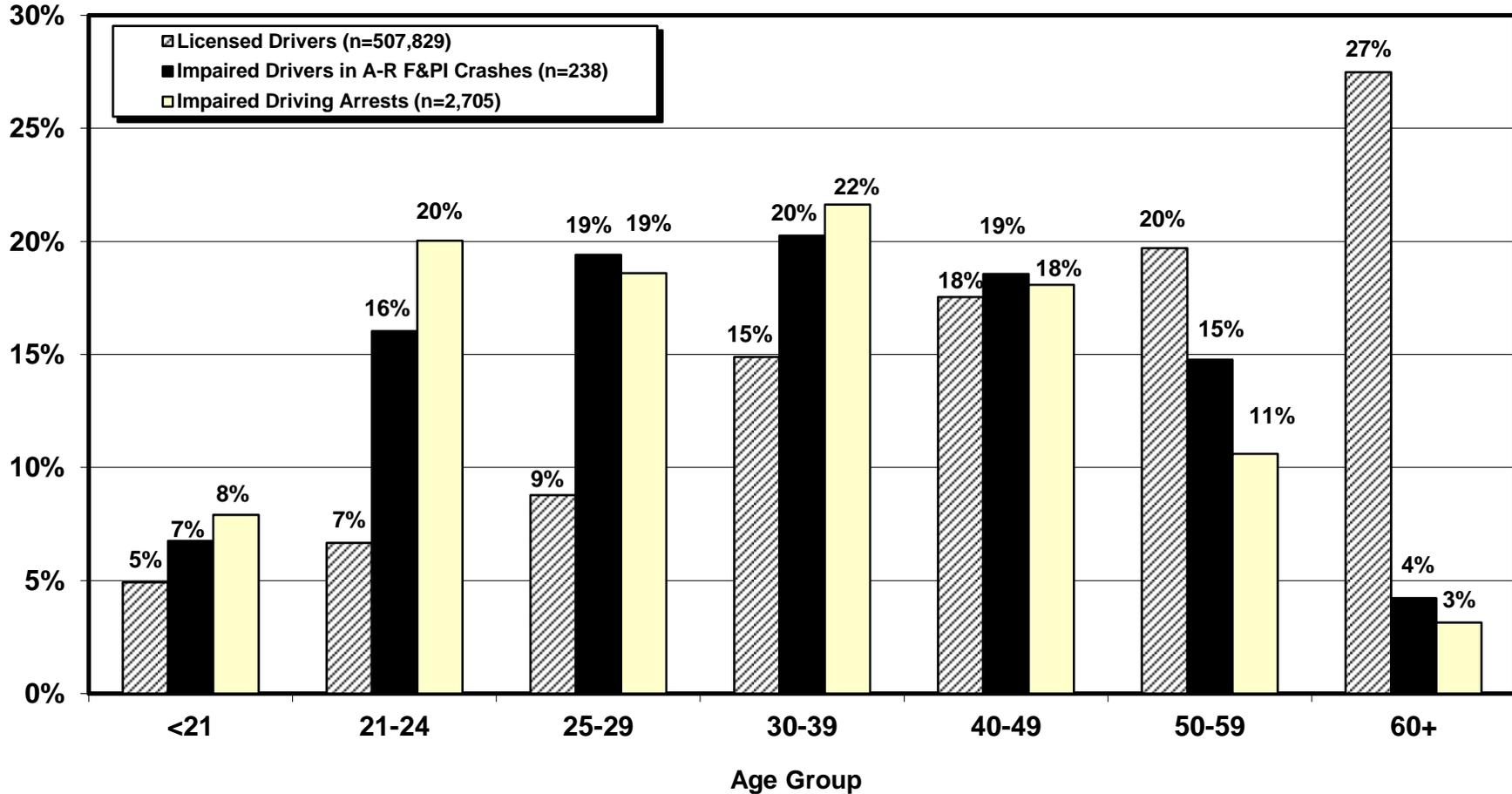
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	463		509		509	
Driver Inattention/Distracted	38	8.2	45	8.8	53	10.4
Failure to Keep Right	21	4.5	16	3.1	17	3.3
Failure to Yield R.O.W.	20	4.3	26	5.1	32	6.3
Fell Asleep	7	1.5	12	2.4	7	1.4
Following Too Closely	38	8.2	41	8.1	37	7.3
Passing/Lane Violations	56	12.1	86	16.9	76	14.9
Traffic Control Disregarded	23	5.0	23	4.5	22	4.3
Unsafe Speed	120	25.9	123	24.2	121	23.8

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	378	100.0	27	328	100.0	23
Under Age 4	2	0.5	0	4	1.2	1
Ages 4-6	4	1.1	1	1	0.3	0
Ages 7-15	8	2.1	2	9	2.7	1
Ages 16-17	11	2.9	1	6	1.8	1
Ages 18-20	50	13.2	2	28	8.5	0
Ages 21-29	100	26.5	6	102	31.1	2
Ages 30-39	67	17.7	5	61	18.6	5
Ages 40-49	76	20.1	6	53	16.2	4
Ages 50-59	33	8.7	3	42	12.8	6
Ages 60-69	15	4.0	1	14	4.3	2
Ages 70 and Over	11	2.9	0	7	2.1	1
Unknown Age	1	0.3	0	1	0.3	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	296	100.0	332	100.0	286	100.0
No Restraint Used	55	18.6	52	15.7	51	17.8
Restraint Used	206	69.6	252	75.9	206	72.0
Unknown	35	11.8	28	8.4	29	10.1
Motorcyclists	18	100.0	17	100.0	17	100.0
No Helmet Used	1	5.6	2	11.8	1	5.9
Helmet Used	15	83.3	14	82.4	16	94.1
Unknown	2	11.1	1	5.9	0	0.0
Bicyclists	7	100.0	10	100.0	5	100.0
No Helmet Used	3	42.9	7	70.0	3	60.0
Helmet Used	0	0.0	3	30.0	1	20.0
Unknown	4	57.1	0	0.0	1	20.0

FIGURE 1
Monroe 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**

Monroe 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	1,663	28,168	5.9	1,545	28,147	5.5	1,378	26,630	5.2
Fatal Crashes	12	289	4.2	19	284	6.7	15	310	4.8
Non-Fatal Personal Injury Crashes	600	12,846	4.7	584	12,838	4.5	494	12,216	4.0
Reportable Property Damage Crashes	1,051	15,033	7.0	942	15,025	6.3	869	14,104	6.2
Manner of Collision									
Single Vehicle Crashes	941	16,991	5.5	794	16,379	4.8	719	15,812	4.5
Multiple Vehicle Crashes	722	11,177	6.5	751	11,768	6.4	659	10,818	6.1
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	13	411	3.2	11	488	2.3	7	465	1.5
S-R Bicycle/Motor Vehicle Crashes	3	130	2.3	3	133	2.3	3	113	2.7
S-R Motorcycle Crashes	22	846	2.6	42	808	5.2	46	876	5.3
Fatalities									
Persons Killed (1)	16	319	5.0	20	319	6.3	16	348	4.6
Drivers Killed	12	231	5.2	14	211	6.6	13	242	5.4
<i>Speeding Drivers</i>	12	220	5.5	13	195	6.7	11	215	5.1
<i>Non-Speeding Drivers</i>	0	11	0.0	1	16	6.3	2	27	7.4
Passengers Killed	4	70	5.7	6	91	6.6	3	77	3.9
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)	786	18,910	4.2	817	18,843	4.3	652	17,999	3.6
Drivers Injured	577	12,556	4.6	572	12,382	4.6	479	11,899	4.0
Passengers Injured	191	5,723	3.3	232	5,730	4.0	161	5,480	2.9
Pedestrians Injured	12	422	2.8	10	514	1.9	7	462	1.5
Bicyclists Injured	3	128	2.3	3	130	2.3	3	114	2.6
Other	3	81	3.7	0	87	0.0	2	44	4.5

(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
Monroe County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,378	244	379	436	316	3
Sunday	235	82	44	62	47	0
Monday	164	28	60	38	38	0
Tuesday	136	16	25	64	31	0
Wednesday	114	12	17	51	34	0
Thursday	168	14	41	58	53	2
Friday	238	26	58	81	72	1
Saturday	323	66	134	82	41	0

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	2,419	100.0	2,340	100.0	2,050	100.0
Male	1,370	56.6	1,248	53.3	1,206	58.8
<i>Speeding Drivers</i>	950	39.3	847	36.2	827	40.3
<i>Non-Speeding Drivers</i>	420	17.4	401	17.1	379	18.5
Female	980	40.5	1,035	44.2	790	38.5
<i>Speeding Drivers</i>	667	27.6	648	27.7	509	24.8
<i>Non-Speeding Drivers</i>	313	12.9	387	16.5	281	13.7
Unknown	69	2.9	57	2.4	54	2.6
<i>Speeding Drivers</i>	45	1.9	39	1.7	32	1.6
<i>Non-Speeding Drivers</i>	24	1.0	18	0.8	22	1.1
Speeding Drivers	1,662	100.0	1,534	100.0	1,368	100.0
Under Age 16	0	0.0	0	0.0	1	0.1
Ages 16-20	345	20.8	333	21.7	286	20.9
Ages 21-29	538	32.4	499	32.5	495	36.2
Ages 30-39	266	16.0	252	16.4	197	14.4
Ages 40-49	209	12.6	216	14.1	145	10.6
Ages 50-59	167	10.0	118	7.7	118	8.6
Age 60 and Over	91	5.5	77	5.0	94	6.9
Unknown Age	46	2.8	39	2.5	32	2.3
Non-Speeding Drivers	757	100.0	806	100.0	682	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	63	8.3	57	7.1	59	8.7
Ages 21-29	155	20.5	164	20.3	122	17.9
Ages 30-39	129	17.0	141	17.5	126	18.5
Ages 40-49	157	20.7	173	21.5	134	19.6
Ages 50-59	146	19.3	158	19.6	119	17.4
Age 60 and Over	83	11.0	95	11.8	100	14.7
Unknown Age	24	3.2	18	2.2	22	3.2

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	1,663		1,545		1,378	
Alcohol Involvement	131	7.9	143	9.3	144	10.4
Driver Inattention/Distraction	80	4.8	75	4.9	80	5.8
Driver Inexperience	26	1.6	27	1.7	36	2.6
Failure to Keep Right	15	0.9	18	1.2	11	0.8
Failure to Yield R.O.W.	46	2.8	46	3.0	46	3.3
Following Too Closely	162	9.7	208	13.5	205	14.9
Passing/Lane Violations	82	4.9	98	6.3	114	8.3
Traffic Control Disregarded	20	1.2	40	2.6	33	2.4

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	837	100.0	13	668	100.0	10
Under Age 4	10	1.2	0	4	0.6	1
Ages 4-6	5	0.6	0	7	1.0	0
Ages 7-15	28	3.3	0	15	2.2	0
Ages 16-17	40	4.8	0	23	3.4	0
Ages 18-20	132	15.8	3	83	12.4	1
Ages 21-29	218	26.0	5	199	29.8	3
Ages 30-39	126	15.1	0	98	14.7	2
Ages 40-49	147	17.6	1	91	13.6	1
Ages 50-59	77	9.2	3	75	11.2	2
Ages 60-69	27	3.2	0	37	5.5	0
Ages 70 and Over	18	2.2	1	34	5.1	0
Unknown Age	9	1.1	0	2	0.3	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	764	100.0	785	100.0	608	100.0
No Restraint Used	60	7.9	70	8.9	71	11.7
Restraint Used	673	88.1	690	87.9	512	84.2
Unknown	31	4.1	25	3.2	25	4.1
Motorcyclists	20	100.0	39	100.0	48	100.0
No Helmet Used	2	10.0	2	5.1	5	10.4
Helmet Used	18	90.0	36	92.3	43	89.6
Unknown	0	0.0	1	2.6	0	0.0
Bicyclists	3	100.0	3	100.0	3	100.0
No Helmet Used	0	0.0	1	33.3	2	66.7
Helmet Used	1	33.3	1	33.3	1	33.3
Unknown	2	66.7	1	33.3	0	0.0

SECTION 4

Motorcycle Crash Summary Report

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

Monroe 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	198	5,570	3.6	245	5,336	4.6	247	5,916	4.2
Fatal Crashes	7	180	3.9	11	168	6.5	9	164	5.5
Non-Fatal Personal Injury Crashes	172	4,757	3.6	207	4,550	4.5	215	5,052	4.3
Reportable Property Damage Crashes	19	633	3.0	27	618	4.4	23	700	3.3
Manner of Collision									
Single Motorcycle Crashes	74	2,426	3.1	120	2,408	5.0	107	2,564	4.2
Multiple Vehicle Crashes	124	3,144	3.9	125	2,928	4.3	140	3,352	4.2
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	2	79	2.5	3	64	4.7	0	89	0.0
Motorcycle/Bicycle Crashes	2	28	7.1	2	27	7.4	3	38	7.9
Fatalities									
Persons Killed (1)	7	185	3.8	11	171	6.4	10	173	5.8
Drivers Killed	6	173	3.5	11	162	6.8	9	155	5.8
<i>Motorcycle Operators</i>	6	172	3.5	11	162	6.8	8	154	5.2
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	1	1	0.0
Passengers Killed	1	11	9.1	0	6	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	1	11	9.1	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	1	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	198	5,468	3.6	234	5,180	4.5	238	5,820	4.1
Drivers Injured	178	4,819	3.7	211	4,604	4.6	214	5,129	4.2
Passengers Injured	16	520	3.1	18	485	3.7	22	562	3.9
Pedestrians Injured	2	85	2.4	3	59	5.1	0	88	0.0
Bicyclists Injured	2	27	7.4	1	22	4.5	0	31	0.0
Other	0	17	0.0	1	10	10.0	2	10	20.0

(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**

Monroe 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	247	24	41	98	81	3
Sunday	39	8	3	13	14	1
Monday	28	2	3	13	10	0
Tuesday	29	1	4	11	13	0
Wednesday	50	5	10	20	15	0
Thursday	37	3	6	18	9	1
Friday	32	2	9	11	9	1
Saturday	32	3	6	12	11	0

TABLE 3 Motorcycle Operator Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	197	100.0	253	100.0	246	100.0
Male	184	93.4	229	90.5	231	93.9
Female	13	6.6	20	7.9	12	4.9
Unknown	0	0.0	4	1.6	3	1.2
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	3.6	16	6.3	15	6.1
Ages 21-29	59	29.9	68	26.9	68	27.6
Ages 30-39	34	17.3	56	22.1	43	17.5
Ages 40-49	35	17.8	50	19.8	48	19.5
Ages 50-59	41	20.8	39	15.4	45	18.3
Ages 60 and Over	20	10.2	20	7.9	24	9.8
Unknown Age	1	0.5	4	1.6	3	1.2

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	176		230		241	
Alcohol Involvement	14	8.0	14	6.1	12	5.0
Driver Inattention/Distraction	36	20.5	33	14.3	34	14.1
Driver Inexperience	10	5.7	23	10.0	17	7.1
Failure to Keep Right	3	1.7	2	0.9	0	0.0
Failure to Yield R.O.W.	53	30.1	64	27.8	54	22.4
Following Too Closely	20	11.4	22	9.6	28	11.6
Passing/Lane Violations	25	14.2	23	10.0	40	16.6
Traffic Control Disregarded	6	3.4	6	2.6	7	2.9
Turning Improperly	10	5.7	11	4.8	15	6.2
Unsafe Speed	22	12.5	42	18.3	44	18.3

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	189	100.0	230	100.0	236	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	1	0.4
Ages 16-17	1	0.5	0	0.0	3	1.3
Ages 18-20	6	3.2	14	6.1	14	5.9
Ages 21-29	57	30.2	64	27.8	59	25.0
Ages 30-39	35	18.5	52	22.6	48	20.3
Ages 40-49	35	18.5	44	19.1	44	18.6
Ages 50-59	38	20.1	36	15.7	41	17.4
Ages 60-69	16	8.5	16	7.0	20	8.5
Ages 70 and Over	1	0.5	3	1.3	2	0.8
Unknown Age	0	0.0	1	0.4	4	1.7

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	172	100.0	218	100.0	231	100.0
No Helmet Used	19	11.0	16	7.3	12	5.2
Helmet Used	143	83.1	186	85.3	210	90.9
Unknown	10	5.8	16	7.3	9	3.9

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2008	14,911	4.5	32,063	5.0
2009	15,418	4.6	32,645	5.0
2010	15,733	4.6	32,989	5.0
2011	16,390	4.7	33,513	5.0
2012	16,430	4.8	34,291	5.0

SECTION 5

Ticket Data

MONROE COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED UNDER TSLED & ADMINISTRATIVE ADJUDICATION	149,278	142,358	136,917
SPEED (V&T 1180)	23,610	21,409	20,080
% of total tickets	15.8%	15.0%	14.7%
% convicted on same charge (of adjudicated cases)	44.0%	44.6%	46.4%
SAFETY RESTRAINTS (V&T 1229c)	10,001	7,756	6,100
% of total tickets	6.7%	5.4%	4.5%
% convicted on same charge (of adjudicated cases)	83.9%	81.5%	79.9%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>1,494</i>	<i>1,107</i>	<i>915</i>
TOTAL TICKETS ISSUED UNDER TSLED ONLY	100,469	97,278	91,937
IMPAIRED DRIVING (V&T 1192)	4,941	5,492	4,807
% of total tickets	4.9%	5.6%	5.2%
TOTAL PERSONS ARRESTED FOR IMPAIRED DRIVING	(N=2,864)	(N=3,103)	(N=2,705)
Cases adjudicated*	(N=2,527)	(N=2,728)	(N=2,239)
Convicted on original 1192 charge	57.6%	54.1%	56.5%
Convicted on other 1192 charge	32.8%	35.8%	34.0%
Convicted on non-1192 charge	0.1%	0.1%	0.1%
Dismissed/Acquitted/Convicted on charge associated with different event	9.5%	10.0%	9.3%
* 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.			

Sources: NYS DMV TSLED and Administrative Adjudication Systems.

MONROE COUNTY

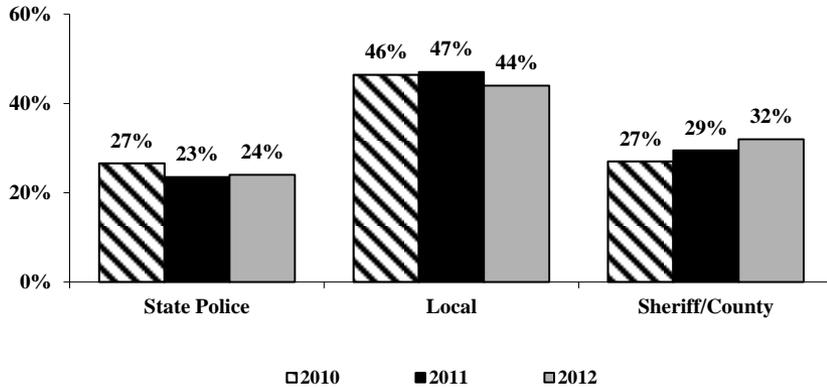
Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	619	639	629
Number of Persons on Probation	1,840	1,835	1,876

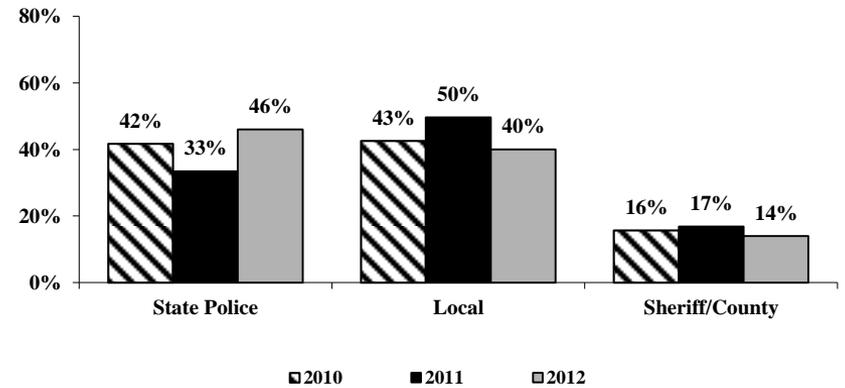
Source: NYS Division of Probation and Correctional Alternatives.

Monroe County Tickets Issued by TSLED Agencies By Agency Type

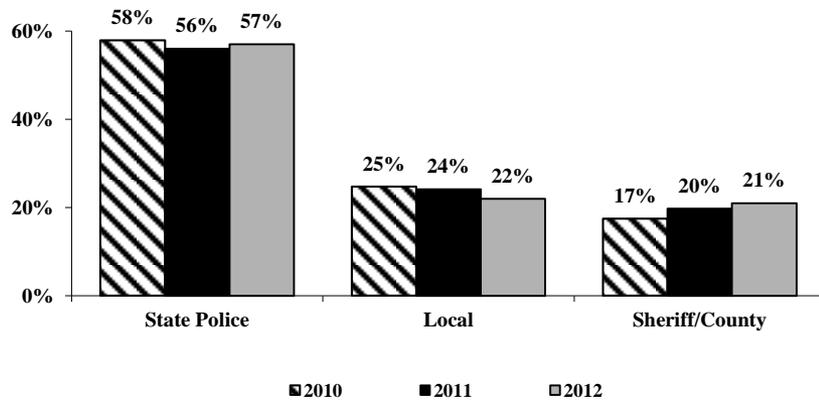
All Tickets



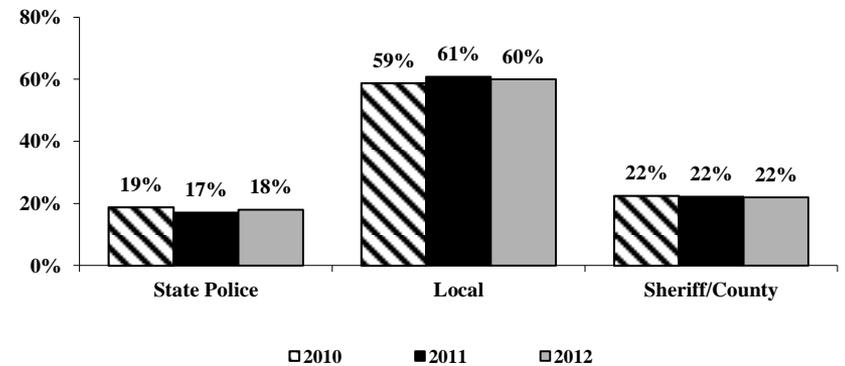
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MONROE 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
Monroe Sheriff NCIC 02700	alcohol	1,156	29.1	23.4	1,219	26.5	22.2	1,055	26.4	21.9
	speed	3,043	42.7	17.4	3,064	46.2	19.8	2,842	49.5	20.6
	seatbelt	830	27.4	15.7	667	25.5	16.9	426	26.5	13.9
Rochester P.D. NCIC 02701 <i>(Spd & SB TSLED only)</i>	alcohol	1,121	28.2	22.7	1,589	34.6	28.9	1,203	30.2	25.0
	speed	208	2.9	1.2	244	3.7	1.6	256	4.5	1.9
	seatbelt	171	5.6	3.2	134	5.1	3.4	161	10.0	5.2
Irondequoit P.D. NCIC 02702	alcohol	214	5.4	4.3	226	4.9	4.1	150	3.8	3.1
	speed	332	4.7	1.9	227	3.4	1.5	154	2.7	1.1
	seatbelt	295	9.7	5.6	244	9.3	6.2	92	5.7	3.0
East Rochester P.D. NCIC 02724	alcohol	39	1.0	0.8	89	1.9	1.6	66	1.7	1.4
	speed	593	8.3	3.4	298	4.5	1.9	136	2.4	1.0
	seatbelt	27	0.9	0.5	26	1.0	0.7	45	2.8	1.5
Fairport P.D. NCIC 02725	alcohol	69	1.7	1.4	44	1.0	0.8	62	1.6	1.3
	speed	91	1.3	0.5	94	1.4	0.6	87	1.5	0.6
	seatbelt	17	0.6	0.3	23	0.9	0.6	5	0.3	0.2
Brockport P.D. NCIC 02728	alcohol	87	2.2	1.8	101	2.2	1.8	78	2.0	1.6
	speed	254	3.6	1.5	265	4.0	1.7	194	3.4	1.4
	seatbelt	62	2.0	1.2	80	3.1	2.0	42	2.6	1.4
Town of Brighton P.D. NCIC 02750	alcohol	176	4.4	3.6	186	4.0	3.4	184	4.6	3.8
	speed	721	10.1	4.1	597	9.0	3.9	547	9.5	4.0
	seatbelt	527	17.4	10.0	415	15.9	10.5	160	9.9	5.2
Town of Gates P.D. NCIC 02753	alcohol	297	7.5	6.0	346	7.5	6.3	266	6.7	5.5
	speed	648	9.1	3.7	527	8.0	3.4	298	5.2	2.2
	seatbelt	477	15.7	9.0	362	13.9	9.2	212	13.2	6.9
Town of Greece P.D. NCIC 02754	alcohol	455	11.5	9.2	583	12.7	10.6	708	17.7	14.7
	speed	808	11.3	4.6	893	13.5	5.8	750	13.1	5.4
	seatbelt	251	8.3	4.7	215	8.2	5.4	207	12.9	6.7
Ogden P.D. NCIC 02759	alcohol	131	3.3	2.7	102	2.2	1.9	124	3.1	2.6
	speed	356	5.0	2.0	372	5.6	2.4	426	7.4	3.1
	seatbelt	121	4.0	2.3	188	7.2	4.8	136	8.5	4.4
Webster P.D. NCIC 02767	alcohol	225	5.7	4.6	110	2.4	2.0	93	2.3	1.9
	speed	67	0.9	0.4	46	0.7	0.3	53	0.9	0.4
	seatbelt	251	8.3	4.7	257	9.8	6.5	123	7.6	4.0
Totals by Agency Type										
Sheriff and Local*	alcohol	3,970		80.3	4,595		83.7	3,989		83.0
	speed	7,121		40.8	6,627		42.8	5,743		41.7
	seatbelt	3,029		57.2	2,611		66.0	1,609		52.3
State Police	alcohol	866		17.5	857		15.6	772		16.1
	speed	10,115		57.9	8,680		56.1	7,859		57.1
	seatbelt	2,212		41.8	1,323		33.5	1,417		46.1
Other <i>incl. SUNY and Park Police</i>	alcohol	105		2.1	40		0.7	46		1.0
	speed	237		1.4	178		1.1	171		1.2
	seatbelt	55		1.0	20		0.5	49		1.6
County Totals*										
	alcohol	4,941			5,492			4,807		
	speed	17,473			15,485			13,773		
	seatbelt	5,296			3,954			3,075		

* TSLED tickets only

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