

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 2009-2011. Four summary reports provide detailed crash data for the three years 2009-2011. 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	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	15,288	314,974	4.9	15,435	315,377	4.9	14,626	307,550	4.8
Fatal Crashes	26	1,060	2.5	45	1,119	4.0	42	1,077	3.9
Non-Fatal Personal Injury Crashes	5,139	133,888	3.8	5,195	134,151	3.9	4,841	128,036	3.8
Reportable Property Damage Crashes	10,123	180,026	5.6	10,195	180,107	5.7	9,743	178,437	5.5
Manner of Collision									
Single Vehicle Crashes	4,179	101,080	4.1	4,386	101,471	4.3	4,198	98,836	4.2
Multiple Vehicle Crashes	11,109	213,894	5.2	11,049	213,906	5.2	10,428	208,714	5.0
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	340	15,682	2.2	339	16,357	2.1	323	15,928	2.0
Bicycle/Motor Vehicle Crashes	261	5,620	4.6	242	6,276	3.9	261	6,076	4.3
Motorcycle Crashes	212	5,150	4.1	198	5,570	3.6	245	5,336	4.6
Fatalities									
Persons Killed (1)	26	1,148	2.3	49	1,192	4.1	45	1,153	3.9
Drivers Killed	15	603	2.5	23	646	3.6	29	597	4.9
Passengers Killed	4	209	1.9	11	198	5.6	11	203	5.4
Pedestrians Killed	7	307	2.3	13	311	4.2	4	296	1.4
Bicyclists Killed	0	29	0.0	2	36	5.6	1	57	1.8
Other	0	0	0.0	0	1	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	6,720	186,034	3.6	6,871	187,566	3.7	6,539	177,445	3.7
Drivers Injured	4,505	112,855	4.0	4,693	112,104	4.2	4,362	106,335	4.1
Passengers Injured	1,606	51,499	3.1	1,602	52,421	3.1	1,574	48,677	3.2
Pedestrians Injured	329	15,321	2.1	319	16,090	2.0	320	15,689	2.0
Bicyclists Injured	255	5,405	4.7	236	6,058	3.9	256	5,883	4.4
Other	25	954	2.6	21	893	2.4	27	861	3.1

(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			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	208.37	207.36	196.16
Crash Rate per 10,000 Licensed Drivers	297.08	301.81	288.68
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	91.94	92.97	88.30
Fatality & Injury Rate per 10,000 Licensed Drivers	131.09	135.31	129.95

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	14,626	1,125	3,865	6,148	2,992	496
Sunday	1,449	250	306	518	332	43
Monday	1,916	116	563	802	368	67
Tuesday	2,080	81	576	943	401	79
Wednesday	2,452	122	698	1,110	440	82
Thursday	2,200	128	650	869	478	75
Friday	2,570	172	659	1,136	535	68
Saturday	1,959	256	413	770	438	82

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	13,131	100.0	13,151	100.0	12,737	100.0
State Police	1,267	9.6	1,457	11.1	1,327	10.4
County Police	4,195	31.9	4,159	31.6	3,954	31.0
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	7,669	58.4	7,535	57.3	7,456	58.5
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						
	2009		2010		2011	
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						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	26,085	100.0	26,238	100.0	24,706	100.0
Male	13,175	50.5	13,259	50.5	12,345	50.0
Female	11,756	45.1	11,758	44.8	11,240	45.5
Unknown	1,154	4.4	1,221	4.7	1,121	4.5
Age						
Under Age 16	5	<0.1	0	0.0	1	<0.1
Ages 16-20	3,304	12.7	3,053	11.6	2,683	10.9
Ages 21-29	5,628	21.6	5,675	21.6	5,462	22.1
Ages 30-39	3,855	14.8	3,987	15.2	3,704	15.0
Ages 40-49	4,575	17.5	4,345	16.6	4,227	17.1
Ages 50-59	3,676	14.1	3,899	14.9	3,585	14.5
Ages 60-69	2,172	8.3	2,247	8.6	2,216	9.0
Ages 70 and Over	1,683	6.5	1,766	6.7	1,675	6.8
Unknown Age	1,187	4.6	1,266	4.8	1,153	4.7

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	13,131		13,151		12,737	
Alcohol Involvement*	450	3.4	438	3.3	487	3.8
Backing Unsafely	570	4.3	591	4.5	587	4.6
Driver Inattention/Distraction	3,495	26.6	3,320	25.2	2,994	23.5
Driver Inexperience	253	1.9	213	1.6	235	1.8
Failure to Keep Right	168	1.3	162	1.2	158	1.2
Failure to Yield R.O.W.	2,645	20.1	2,644	20.1	2,501	19.6
Following Too Closely	2,498	19.0	2,477	18.8	2,551	20.0
Passing/Lane Violations	1,133	8.6	1,130	8.6	1,169	9.2
Traffic Control Disregarded	601	4.6	577	4.4	623	4.9
Turning Improperly	494	3.8	493	3.7	542	4.3
Unsafe Speed*	1,362	10.4	1,632	12.4	1,504	11.8

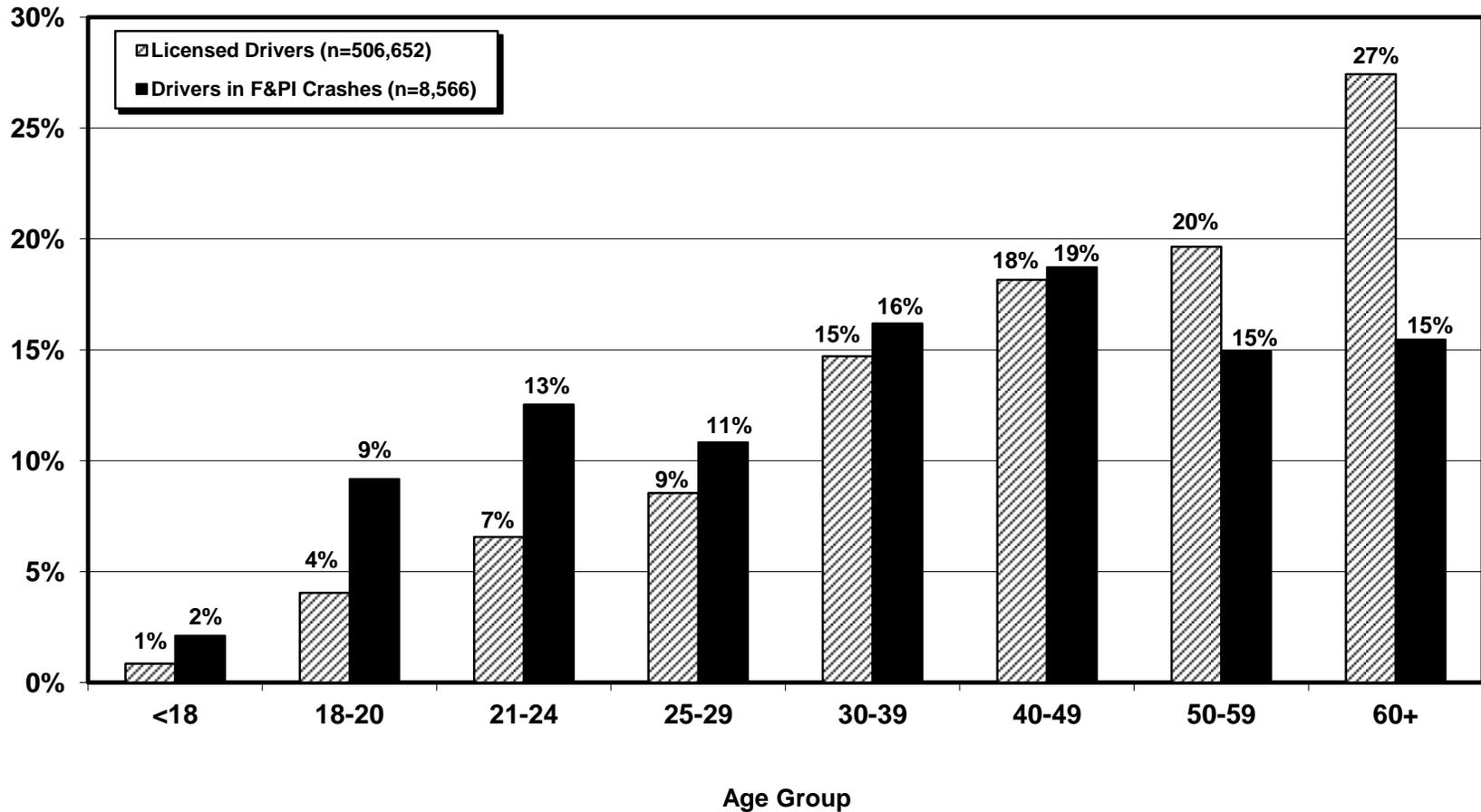
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	6,920	100.0	570	6,584	100.0	581
Under Age 4	70	1.0	6	65	1.0	8
Ages 4-6	62	0.9	13	76	1.2	14
Ages 7-15	329	4.8	97	357	5.4	106
Ages 16-17	232	3.4	42	209	3.2	35
Ages 18-20	628	9.1	55	609	9.2	61
Ages 21-29	1,491	21.5	94	1,380	21.0	99
Ages 30-39	1,026	14.8	49	921	14.0	53
Ages 40-49	1,044	15.1	78	1,084	16.5	75
Ages 50-59	978	14.1	78	890	13.5	61
Ages 60-69	508	7.3	22	505	7.7	30
Ages 70 and Over	461	6.7	23	410	6.2	24
Unknown Age	91	1.3	13	78	1.2	15

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	5,747	100.0	5,931	100.0	5,607	100.0
No Restraint Used	325	5.7	346	5.8	314	5.6
Restraint Used	5,293	92.1	5,421	91.4	5,176	92.3
Unknown	129	2.2	164	2.8	117	2.1
Motorcyclists	190	100.0	172	100.0	218	100.0
No Helmet Used	15	7.9	19	11.0	16	7.3
Helmet Used	164	86.3	143	83.1	186	85.3
Unknown	11	5.8	10	5.8	16	7.3
Bicyclists	247	100.0	234	100.0	254	100.0
No Helmet Used	142	57.5	123	52.6	170	66.9
Helmet Used	34	13.8	32	13.7	39	15.4
Unknown	71	28.7	79	33.8	45	17.7

FIGURE 1
Monroe County 2011
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. 191 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	2009			2010			2011		
						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	414	2.9	542	437	3.1	586	413	2.9	552
Chili	28,497	3.9	176.8	5.1	161.2	146	0.8	202	154	0.9	192	148	0.8	198
Clarkson	6,242	0.8	55.0	1.6	113.5	33	0.6	41	37	0.7	57	38	0.7	53
Gates	28,749	3.9	141.1	4.1	203.7	279	2.0	353	289	2.0	354	276	2.0	358
Greece	94,553	12.9	355.8	10.3	265.7	528	1.5	701	466	1.3	642	520	1.5	700
Hamlin	9,222	1.3	96.2	2.8	95.9	35	0.4	60	30	0.3	47	32	0.3	53
Henrietta	40,866	5.6	201.1	5.8	203.2	358	1.8	471	348	1.7	477	319	1.6	453
Irondequoit	51,640	7.0	199.8	5.8	258.5	215	1.1	279	231	1.2	304	207	1.0	282
Mendon	6,136	0.8	102.9	3.0	59.6	33	0.3	43	34	0.3	46	39	0.4	54
Ogden	15,613	2.1	112.6	3.3	138.7	78	0.7	111	82	0.7	110	69	0.6	97
Parma	9,382	1.3	88.5	2.6	106.0	65	0.7	97	41	0.5	63	49	0.6	67
Penfield	35,691	4.9	192.3	5.6	185.6	219	1.1	292	214	1.1	294	206	1.1	281
Perinton	40,780	5.5	215.2	6.2	189.5	192	0.9	253	172	0.8	222	185	0.9	240
Pittsford	26,735	3.6	152.6	4.4	175.2	156	1.0	194	156	1.0	197	139	0.9	190
Riga	3,563	0.5	72.2	2.1	49.3	23	0.3	27	26	0.4	28	36	0.5	44
Rush	3,554	0.5	88.3	2.6	40.2	32	0.4	41	43	0.5	51	42	0.5	62
Sweden	5,807	0.8	71.6	2.1	81.1	66	0.9	94	72	1.0	96	68	0.9	117
Webster	35,272	4.8	187.9	5.4	187.7	127	0.7	172	147	0.8	186	149	0.8	197
Wheatland	2,971	0.4	73.0	2.1	40.7	27	0.4	38	39	0.5	50	33	0.5	51

**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	2009			2010			2011			
						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	25	1.0	28	19	0.7	20	31	1.2	42	
Churchville	1,905	0.3	7.8	0.2	244.2	3	0.4	5	3	0.4	3	3	0.4	3	
East Rochester	6,441	0.9	21.8	0.6	295.5	20	0.9	25	26	1.2	30	28	1.3	36	
Fairport	5,640	0.8	19.9	0.6	283.4	15	0.8	18	20	1.0	25	14	0.7	18	
Hilton	5,960	0.8	19.9	0.6	299.5	4	0.2	4	8	0.4	12	11	0.6	14	
Honeoye Falls	2,590	0.4	10.3	0.3	251.5	6	0.6	7	8	0.8	9	8	0.8	10	
Pittsford	1,369	0.2	7.2	0.2	190.1	33	4.6	40	20	2.8	25	28	3.9	32	
Scottsville	2,082	0.3	9.8	0.3	212.4	8	0.8	9	9	0.9	10	5	0.5	6	
Spencerport	3,550	0.5	15.4	0.4	230.5	9	0.6	13	9	0.6	11	15	1.0	18	
Webster	5,149	0.7	20.3	0.6	253.6	18	0.9	24	28	1.4	36	26	1.3	30	
City															
Rochester	212,481	28.9	579.8	16.7	366.5	1,990	3.4	2,554	2,060	3.6	2,723	1,737	3.0	2,317	
Other															
unknown	na	na	na	na	na	8	na	8	10	na	11	9	na	9	
Monroe															
County Total	735,177		3462.4		212.3	5,165	1.5	6,746	5,240	1.5	6,920	4,883	1.4	6,584	
New York State	19,227,088		113342.8		169.6	134,948	1.2	187,182	135,270	1.2	188,758	129,113	1.1	178,598	

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	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	464	8,873	5.2	463	8,613	5.4	509	8,461	6.0
Fatal Crashes	11	329	3.3	17	327	5.2	16	330	4.8
Non-Fatal Personal Injury Crashes	237	4,676	5.1	232	4,445	5.2	249	4,298	5.8
Reportable Property Damage Crashes	216	3,868	5.6	214	3,841	5.6	244	3,833	6.4
Manner of Collision									
Single Vehicle Crashes	241	4,843	5.0	258	4,798	5.4	276	4,646	5.9
Multiple Vehicle Crashes	223	4,030	5.5	205	3,815	5.4	233	3,815	6.1
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	16	432	3.7	12	408	2.9	16	460	3.5
A-R Bicycle/Motor Vehicle Crashes	4	118	3.4	7	100	7.0	10	105	9.5
A-R Motorcycle Crashes	11	191	5.8	18	227	7.9	17	204	8.3
Fatalities									
Persons Killed (1)	11	361	3.0	21	354	5.9	17	362	4.7
Drivers Killed	5	198	2.5	12	206	5.8	12	185	6.5
<i>Drinking Drivers</i>	4	175	2.3	12	191	6.3	10	170	5.9
<i>Non-Drinking Drivers</i>	1	23	4.3	0	15	0.0	2	15	13.3
Passengers Killed	2	64	3.1	6	64	9.4	4	73	5.5
Pedestrians Killed	4	91	4.4	3	79	3.8	1	91	1.1
Bicyclists Killed	0	8	0.0	0	5	0.0	0	13	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	333	6,810	4.9	313	6,337	4.9	361	6,121	5.9
Drivers Injured	225	4,321	5.2	221	4,031	5.5	234	3,874	6.0
Passengers Injured	92	1,959	4.7	75	1,815	4.1	99	1,726	5.7
Pedestrians Injured	12	369	3.3	10	344	2.9	16	382	4.2
Bicyclists Injured	4	107	3.7	7	95	7.4	10	91	11.0
Other	0	54	0.0	0	52	0.0	2	48	4.2

(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: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	509	233	21	60	194	1
Sunday	113	65	5	12	31	0
Monday	44	18	1	9	16	0
Tuesday	39	9	3	4	23	0
Wednesday	49	18	2	4	25	0
Thursday	54	25	2	7	19	1
Friday	81	25	3	11	42	0
Saturday	129	73	5	13	38	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	655	100.0	621	100.0	688	100.0
Male	462	70.5	410	66.0	454	66.0
<i>Drinking Drivers</i>	337	51.5	317	51.0	347	50.4
<i>Non-Drinking Drivers</i>	125	19.1	93	15.0	107	15.6
Female	179	27.3	197	31.7	219	31.8
<i>Drinking Drivers</i>	109	16.6	127	20.5	139	20.2
<i>Non-Drinking Drivers</i>	70	10.7	69	11.1	80	11.6
Unknown	14	2.1	14	2.3	15	2.2
<i>Drinking Drivers</i>	5	0.8	1	0.2	4	0.6
<i>Non-Drinking Drivers</i>	9	1.4	13	2.1	11	1.6
Drinking Drivers	451	100.0	445	100.0	490	100.0
Under Age 16	1	0.2	0	0.0	0	0.0
Ages 16-20	40	8.9	45	10.1	40	8.2
Ages 21-29	163	36.1	165	37.1	173	35.3
Ages 30-39	77	17.1	103	23.1	107	21.8
Ages 40-49	95	21.1	80	18.0	96	19.6
Ages 50-59	52	11.5	39	8.8	42	8.6
Age 60 and Over	18	4.0	12	2.7	27	5.5
Unknown Age	5	1.1	1	0.2	5	1.0
Non-Drinking Drivers	204	100.0	176	100.0	198	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	20	9.8	16	9.1	24	12.1
Ages 21-29	53	26.0	57	32.4	46	23.2
Ages 30-39	37	18.1	31	17.6	29	14.6
Ages 40-49	42	20.6	30	17.0	33	16.7
Ages 50-59	25	12.3	15	8.5	25	12.6
Age 60 and Over	18	8.8	14	8.0	29	14.6
Unknown Age	9	4.4	13	7.4	12	6.1

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

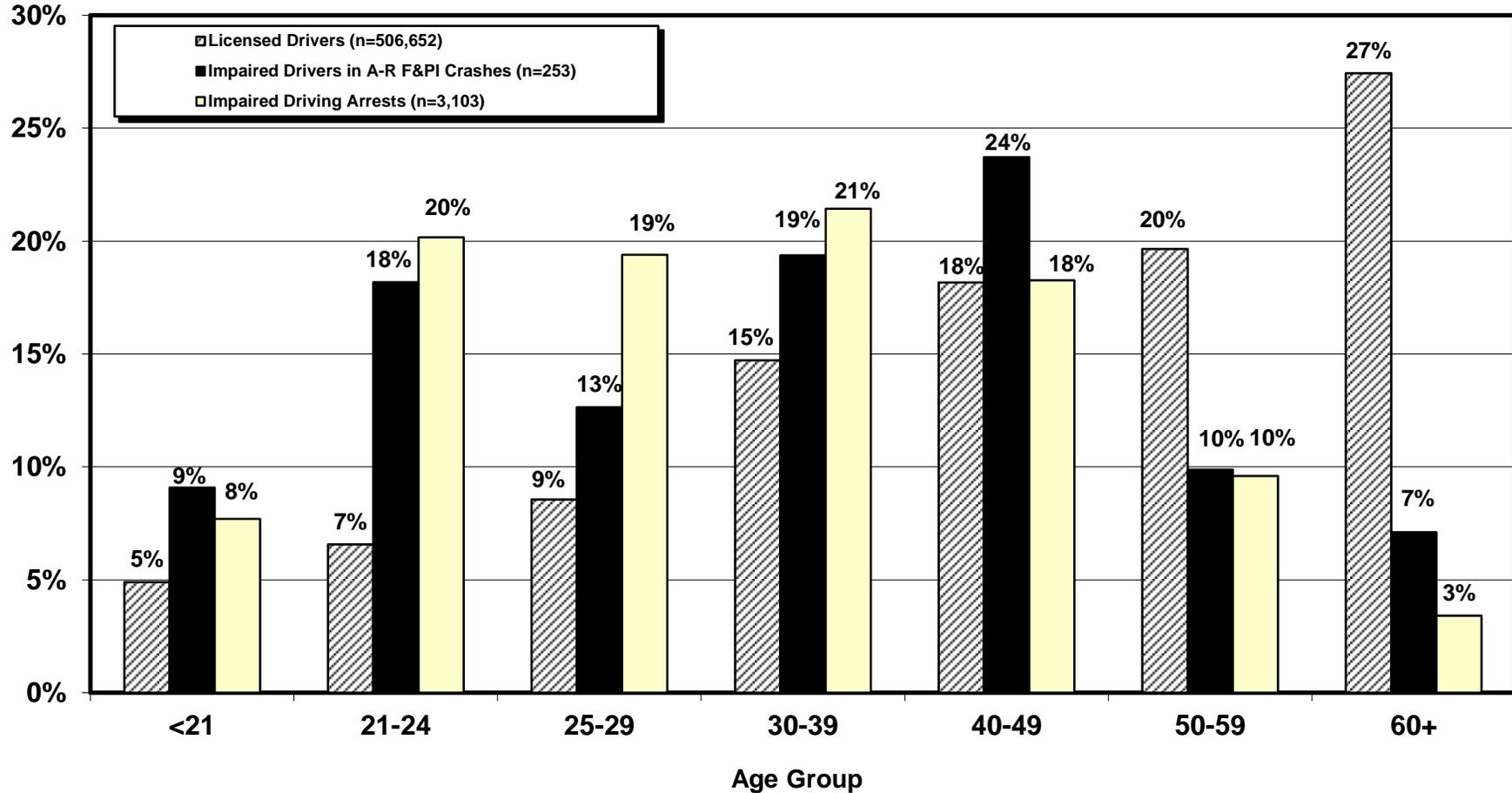
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	464		463		509	
Driver Inattention/Distracted	42	9.1	38	8.2	45	8.8
Failure to Keep Right	22	4.7	21	4.5	16	3.1
Failure to Yield R.O.W.	33	7.1	20	4.3	26	5.1
Fell Asleep	11	2.4	7	1.5	12	2.4
Following Too Closely	34	7.3	38	8.2	41	8.1
Passing/Lane Violations	68	14.7	56	12.1	86	16.9
Traffic Control Disregarded	15	3.2	23	5.0	23	4.5
Unsafe Speed	91	19.6	120	25.9	123	24.2

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	334	100.0	20	378	100.0	27
Under Age 4	1	0.3	0	2	0.5	0
Ages 4-6	5	1.5	0	4	1.1	1
Ages 7-15	5	1.5	0	8	2.1	2
Ages 16-17	8	2.4	0	11	2.9	1
Ages 18-20	33	9.9	4	50	13.2	2
Ages 21-29	128	38.3	5	100	26.5	6
Ages 30-39	63	18.9	2	67	17.7	5
Ages 40-49	50	15.0	5	76	20.1	6
Ages 50-59	25	7.5	2	33	8.7	3
Ages 60-69	11	3.3	1	15	4.0	1
Ages 70 and Over	3	0.9	1	11	2.9	0
Unknown Age	2	0.6	0	1	0.3	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	314	100.0	296	100.0	332	100.0
No Restraint Used	61	19.4	55	18.6	52	15.7
Restraint Used	237	75.5	206	69.6	252	75.9
Unknown	16	5.1	35	11.8	28	8.4
Motorcyclists	10	100.0	18	100.0	17	100.0
No Helmet Used	2	20.0	1	5.6	2	11.8
Helmet Used	8	80.0	15	83.3	14	82.4
Unknown	0	0.0	2	11.1	1	5.9
Bicyclists	4	100.0	7	100.0	10	100.0
No Helmet Used	2	50.0	3	42.9	7	70.0
Helmet Used	0	0.0	0	0.0	3	30.0
Unknown	2	50.0	4	57.1	0	0.0

FIGURE 1
Monroe County 2011
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	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Crashes	1,383	28,877	4.8	1,663	28,168	5.9	1,545	28,147	5.5
Fatal Crashes	4	314	1.3	12	289	4.2	19	284	6.7
Non-Fatal Personal Injury Crashes	527	13,202	4.0	600	12,846	4.7	584	12,838	4.5
Reportable Property Damage Crashes	852	15,361	5.5	1,051	15,033	7.0	942	15,025	6.3
Manner of Collision									
Single Vehicle Crashes	783	17,351	4.5	941	16,991	5.5	794	16,379	4.8
Multiple Vehicle Crashes	600	11,526	5.2	722	11,177	6.5	751	11,768	6.4
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	5	382	1.3	13	411	3.2	11	488	2.3
S-R Bicycle/Motor Vehicle Crashes	5	121	4.1	3	130	2.3	3	133	2.3
S-R Motorcycle Crashes	41	755	5.4	22	846	2.6	42	808	5.2
Fatalities									
Persons Killed (1)	4	357	1.1	16	319	5.0	20	319	6.3
Drivers Killed	3	237	1.3	12	231	5.2	14	211	6.6
<i>Speeding Drivers</i>	2	211	0.9	12	220	5.5	13	195	6.7
<i>Non-Speeding Drivers</i>	1	26	3.8	0	11	0.0	1	16	6.3
Passengers Killed	1	87	1.1	4	70	5.7	6	91	6.6
Pedestrians Killed	0	31	0.0	0	16	0.0	0	17	0.0
Bicyclists Killed	0	2	0.0	0	2	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)	654	19,326	3.4	786	18,910	4.2	817	18,843	4.3
Drivers Injured	489	12,890	3.8	577	12,556	4.6	572	12,382	4.6
Passengers Injured	152	5,853	2.6	191	5,723	3.3	232	5,730	4.0
Pedestrians Injured	6	386	1.6	12	422	2.8	10	514	1.9
Bicyclists Injured	5	121	4.1	3	128	2.3	3	130	2.3
Other	2	76	2.6	3	81	3.7	0	87	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
Monroe County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,545	249	427	550	317	2
Sunday	215	54	65	49	47	0
Monday	154	27	41	56	29	1
Tuesday	173	14	60	66	33	0
Wednesday	315	23	92	153	47	0
Thursday	172	32	46	41	52	1
Friday	245	40	65	90	50	0
Saturday	271	59	58	95	59	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	2,024	100.0	2,419	100.0	2,340	100.0
Male	1,148	56.7	1,370	56.6	1,248	53.3
<i>Speeding Drivers</i>	818	40.4	950	39.3	847	36.2
<i>Non-Speeding Drivers</i>	330	16.3	420	17.4	401	17.1
Female	843	41.7	980	40.5	1,035	44.2
<i>Speeding Drivers</i>	531	26.2	667	27.6	648	27.7
<i>Non-Speeding Drivers</i>	312	15.4	313	12.9	387	16.5
Unknown	33	1.6	69	2.9	57	2.4
<i>Speeding Drivers</i>	22	1.1	45	1.9	39	1.7
<i>Non-Speeding Drivers</i>	11	0.5	24	1.0	18	0.8
Speeding Drivers	1,371	100.0	1,662	100.0	1,534	100.0
Under Age 16	2	0.1	0	0.0	0	0.0
Ages 16-20	327	23.9	345	20.8	333	21.7
Ages 21-29	428	31.2	538	32.4	499	32.5
Ages 30-39	190	13.9	266	16.0	252	16.4
Ages 40-49	207	15.1	209	12.6	216	14.1
Ages 50-59	113	8.2	167	10.0	118	7.7
Age 60 and Over	82	6.0	91	5.5	77	5.0
Unknown Age	22	1.6	46	2.8	39	2.5
Non-Speeding Drivers	653	100.0	757	100.0	806	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	60	9.2	63	8.3	57	7.1
Ages 21-29	120	18.4	155	20.5	164	20.3
Ages 30-39	126	19.3	129	17.0	141	17.5
Ages 40-49	133	20.4	157	20.7	173	21.5
Ages 50-59	118	18.1	146	19.3	158	19.6
Age 60 and Over	85	13.0	83	11.0	95	11.8
Unknown Age	11	1.7	24	3.2	18	2.2

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	1,383		1,663		1,545	
Alcohol Involvement	101	7.3	131	7.9	143	9.3
Driver Inattention/Distraction	85	6.1	80	4.8	75	4.9
Driver Inexperience	40	2.9	26	1.6	27	1.7
Failure to Keep Right	19	1.4	15	0.9	18	1.2
Failure to Yield R.O.W.	45	3.3	46	2.8	46	3.0
Following Too Closely	138	10.0	162	9.7	208	13.5
Passing/Lane Violations	87	6.3	82	4.9	98	6.3
Traffic Control Disregarded	22	1.6	20	1.2	40	2.6

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	802	100.0	15	837	100.0	13
Under Age 4	9	1.1	0	10	1.2	0
Ages 4-6	5	0.6	0	5	0.6	0
Ages 7-15	24	3.0	2	28	3.3	0
Ages 16-17	38	4.7	1	40	4.8	0
Ages 18-20	117	14.6	1	132	15.8	3
Ages 21-29	211	26.3	2	218	26.0	5
Ages 30-39	121	15.1	0	126	15.1	0
Ages 40-49	110	13.7	7	147	17.6	1
Ages 50-59	93	11.6	2	77	9.2	3
Ages 60-69	39	4.9	0	27	3.2	0
Ages 70 and Over	26	3.2	0	18	2.2	1
Unknown Age	9	1.1	0	9	1.1	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	603	100.0	764	100.0	785	100.0
No Restraint Used	62	10.3	60	7.9	70	8.9
Restraint Used	532	88.2	673	88.1	690	87.9
Unknown	9	1.5	31	4.1	25	3.2
Motorcyclists	42	100.0	20	100.0	39	100.0
No Helmet Used	3	7.1	2	10.0	2	5.1
Helmet Used	38	90.5	18	90.0	36	92.3
Unknown	1	2.4	0	0.0	1	2.6
Bicyclists	5	100.0	3	100.0	3	100.0
No Helmet Used	2	40.0	0	0.0	1	33.3
Helmet Used	1	20.0	1	33.3	1	33.3
Unknown	2	40.0	2	66.7	1	33.3

SECTION 4

Motorcycle Crash Summary Report

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

Monroe County

TABLE 1 Crash Summary Totals									
Category Totals	2009			2010			2011		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Crashes	212	5,150	4.1	198	5,570	3.6	245	5,336	4.6
Fatal Crashes	3	152	2.0	7	180	3.9	11	168	6.5
Non-Fatal Personal Injury Crashes	181	4,347	4.2	172	4,757	3.6	207	4,550	4.5
Reportable Property Damage Crashes	28	651	4.3	19	633	3.0	27	618	4.4
Manner of Collision									
Single Motorcycle Crashes	92	2,270	4.1	74	2,426	3.1	120	2,408	5.0
Multiple Vehicle Crashes	120	2,880	4.2	124	3,144	3.9	125	2,928	4.3
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	2	63	3.2	2	79	2.5	3	64	4.7
Motorcycle/Bicycle Crashes	2	28	7.1	2	28	7.1	2	27	7.4
Fatalities									
Persons Killed (1)	3	155	1.9	7	185	3.8	11	171	6.4
Drivers Killed	3	146	2.1	6	173	3.5	11	162	6.8
<i>Motorcycle Operators</i>	3	146	2.1	6	172	3.5	11	162	6.8
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	5	0.0	1	11	9.1	0	6	0.0
<i>Motorcycle Passengers</i>	0	5	0.0	1	11	9.1	0	6	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	1	0.0	0	3	0.0
Bicyclists Killed	0	1	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)	215	5,042	4.3	198	5,468	3.6	234	5,180	4.5
Drivers Injured	189	4,444	4.3	178	4,819	3.7	211	4,604	4.6
Passengers Injured	23	505	4.6	16	520	3.1	18	485	3.7
Pedestrians Injured	2	61	3.3	2	85	2.4	3	59	5.1
Bicyclists Injured	1	24	4.2	2	27	7.4	1	22	4.5
Other	0	8	0.0	0	17	0.0	1	10	10.0

(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: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	245	21	46	94	82	2
Sunday	37	5	5	15	12	0
Monday	25	1	4	9	11	0
Tuesday	32	2	5	16	9	0
Wednesday	36	3	7	13	13	0
Thursday	29	1	7	14	7	0
Friday	38	5	10	8	15	0
Saturday	48	4	8	19	15	2

TABLE 3 Motorcycle Operator Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	210	100.0	197	100.0	253	100.0
Male	188	89.5	184	93.4	229	90.5
Female	22	10.5	13	6.6	20	7.9
Unknown	0	0.0	0	0.0	4	1.6
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	22	10.5	7	3.6	16	6.3
Ages 21-29	58	27.6	59	29.9	68	26.9
Ages 30-39	39	18.6	34	17.3	56	22.1
Ages 40-49	48	22.9	35	17.8	50	19.8
Ages 50-59	33	15.7	41	20.8	39	15.4
Ages 60 and Over	10	4.8	20	10.2	20	7.9
Unknown Age	0	0.0	1	0.5	4	1.6

TABLE 4(P) Select Crash Contributing Factors						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	198		176		230	
Alcohol Involvement	10	5.1	14	8.0	14	6.1
Driver Inattention/Distraction	39	19.7	36	20.5	33	14.3
Driver Inexperience	22	11.1	10	5.7	23	10.0
Failure to Keep Right	1	0.5	3	1.7	2	0.9
Failure to Yield R.O.W.	46	23.2	53	30.1	64	27.8
Following Too Closely	27	13.6	20	11.4	22	9.6
Passing/Lane Violations	14	7.1	25	14.2	23	10.0
Traffic Control Disregarded	3	1.5	6	3.4	6	2.6
Turning Improperly	11	5.6	10	5.7	11	4.8
Unsafe Speed	41	20.7	22	12.5	42	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						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	197	100.0	189	100.0	230	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	2	1.0	0	0.0	0	0.0
Ages 16-17	5	2.5	1	0.5	0	0.0
Ages 18-20	18	9.1	6	3.2	14	6.1
Ages 21-29	53	26.9	57	30.2	64	27.8
Ages 30-39	34	17.3	35	18.5	52	22.6
Ages 40-49	44	22.3	35	18.5	44	19.1
Ages 50-59	31	15.7	38	20.1	36	15.7
Ages 60-69	9	4.6	16	8.5	16	7.0
Ages 70 and Over	0	0.0	1	0.5	3	1.3
Unknown Age	1	0.5	0	0.0	1	0.4

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2009		2010		2011	
	#	%	#	%	#	%
Motorcyclists	190	100.0	172	100.0	218	100.0
No Helmet Used	15	7.9	19	11.0	16	7.3
Helmet Used	164	86.3	143	83.1	186	85.3
Unknown	11	5.8	10	5.8	16	7.3

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	13,853	4.5	31,505	5.1
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

SECTION 5

Ticket Data

MONROE COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED UNDER TSLED & ADMINISTRATIVE ADJUDICATION	145,889	149,278	142,358
SPEED (V&T 1180)	23,562	23,610	21,409
% of total tickets	16.2%	15.8%	15.0%
% convicted on same charge (of adjudicated cases)	42.2%	44.0%	44.6%
SAFETY RESTRAINTS (V&T 1229c)	9,344	10,001	7,756
% of total tickets	6.4%	6.7%	5.4%
% convicted on same charge (of adjudicated cases)	84.2%	83.9%	81.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	1,074	1,494	1,107
TOTAL TICKETS ISSUED UNDER TSLED ONLY	104,728	100,469	97,278
IMPAIRED DRIVING (V&T 1192)	4,615	4,941	5,492
% of total tickets	4.4%	4.9%	5.6%
TOTAL PERSONS ARRESTED FOR IMPAIRED DRIVING	(N=2,725)	(N=2,864)	(N=3,103)
Cases adjudicated*	(N=2,450)	(N=2,527)	(N=2,728)
Convicted on original 1192 charge	60.9%	57.6%	54.1%
Convicted on other 1192 charge	27.8%	32.8%	35.8%
Convicted on non-1192 charge	0.1%	0.1%	0.1%
Dismissed/Acquitted/Convicted on charge associated with different event	11.2%	9.5%	10.0%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Sources: NYS DMV TSLED and Administrative Adjudication Systems.

MONROE COUNTY

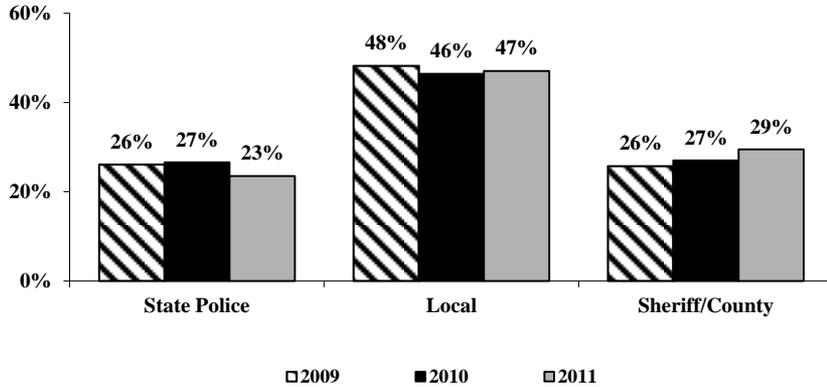
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	728	619	639
Number of Persons on Probation	1,802	1,840	1,835

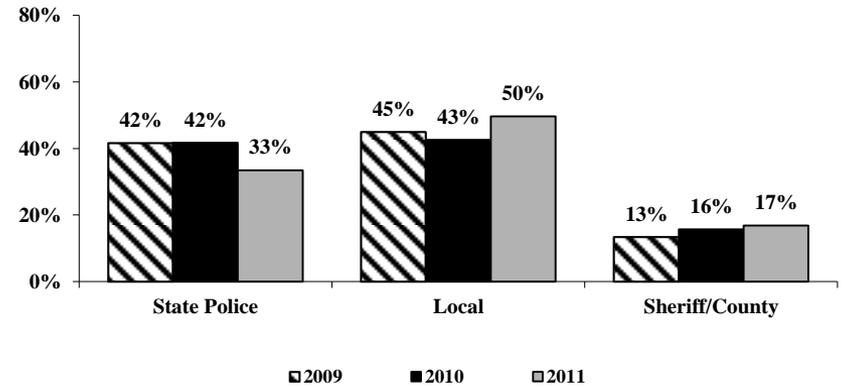
Source: NYS Division of Probation and Correctional Alternatives.

Monroe County Tickets Issued by TSLED Agencies By Agency Type

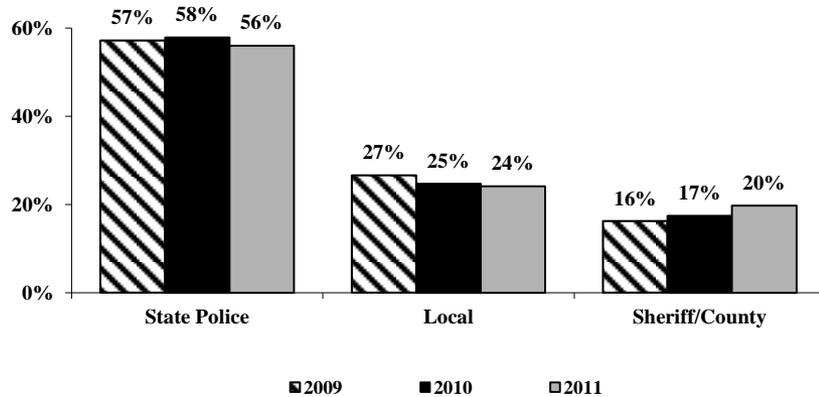
All Tickets



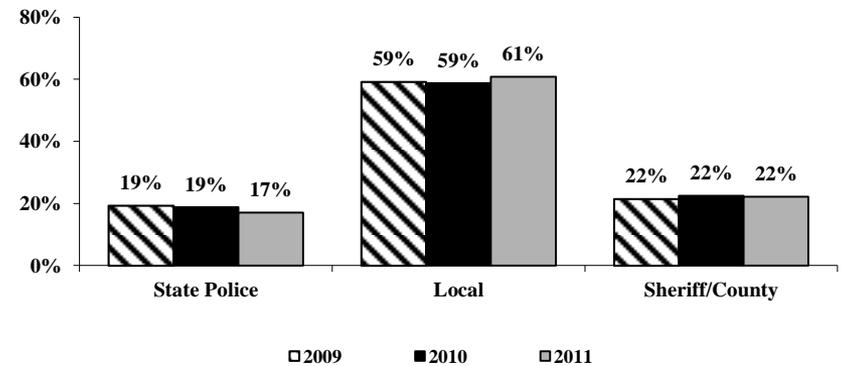
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



MONROE COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2009			2010			2011		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Monroe Sheriff NCIC 02700	alcohol	1,042	27.9	22.6	1,156	29.1	23.4	1,219	26.5	22.2
	speed	3,085	38.8	16.2	3,043	42.7	17.4	3,064	46.2	19.8
	seatbelt	714	23.4	13.4	830	27.4	15.7	667	25.5	16.9
Rochester P.D. NCIC 02701 (Spd & SB TSLED only)	alcohol	911	24.4	19.7	1,121	28.2	22.7	1,589	34.6	28.9
	speed	204	2.6	1.1	208	2.9	1.2	244	3.7	1.6
	seatbelt	105	3.4	2.0	171	5.6	3.2	134	5.1	3.4
Irondequoit P.D. NCIC 02702	alcohol	272	7.3	5.9	214	5.4	4.3	226	4.9	4.1
	speed	438	5.5	2.3	332	4.7	1.9	227	3.4	1.5
	seatbelt	354	11.6	6.7	295	9.7	5.6	244	9.3	6.2
East Rochester P.D. NCIC 02724	alcohol	52	1.4	1.1	39	1.0	0.8	89	1.9	1.6
	speed	502	6.3	2.6	593	8.3	3.4	298	4.5	1.9
	seatbelt	37	1.2	0.7	27	0.9	0.5	26	1.0	0.7
Fairport P.D. NCIC 02725	alcohol	52	1.4	1.1	69	1.7	1.4	44	1.0	0.8
	speed	83	1.0	0.4	91	1.3	0.5	94	1.4	0.6
	seatbelt	8	0.3	0.2	17	0.6	0.3	23	0.9	0.6
Brockport P.D. NCIC 02728	alcohol	96	2.6	2.1	87	2.2	1.8	101	2.2	1.8
	speed	383	4.8	2.0	254	3.6	1.5	265	4.0	1.7
	seatbelt	89	2.9	1.7	62	2.0	1.2	80	3.1	2.0
Town of Brighton P.D. NCIC 02750	alcohol	198	5.3	4.3	176	4.4	3.6	186	4.0	3.4
	speed	785	9.9	4.1	721	10.1	4.1	597	9.0	3.9
	seatbelt	289	9.5	5.4	527	17.4	10.0	415	15.9	10.5
Town of Gates P.D. NCIC 02753	alcohol	408	10.9	8.8	297	7.5	6.0	346	7.5	6.3
	speed	787	9.9	4.1	648	9.1	3.7	527	8.0	3.4
	seatbelt	624	20.5	11.7	477	15.7	9.0	362	13.9	9.2
Town of Greece P.D. NCIC 02754	alcohol	467	12.5	10.1	455	11.5	9.2	583	12.7	10.6
	speed	1,052	13.2	5.5	808	11.3	4.6	893	13.5	5.8
	seatbelt	377	12.4	7.1	251	8.3	4.7	215	8.2	5.4
Ogden P.D. NCIC 02759	alcohol	187	5.0	4.1	131	3.3	2.7	102	2.2	1.9
	speed	550	6.9	2.9	356	5.0	2.0	372	5.6	2.4
	seatbelt	299	9.8	5.6	121	4.0	2.3	188	7.2	4.8
Webster P.D. NCIC 02767	alcohol	53	1.4	1.1	225	5.7	4.6	110	2.4	2.0
	speed	72	0.9	0.4	67	0.9	0.4	46	0.7	0.3
	seatbelt	154	5.0	2.9	251	8.3	4.7	257	9.8	6.5
Totals by Agency Type										
Sheriff and Local*	alcohol	3,738		81.0	3,970		80.3	4,595		83.7
	speed	7,941		41.8	7,121		40.8	6,627		42.8
	seatbelt	3,050		57.3	3,029		57.2	2,611		66.0
State Police	alcohol	828		17.9	866		17.5	857		15.6
	speed	10,865		57.2	10,115		57.9	8,680		56.1
	seatbelt	2,214		41.6	2,212		41.8	1,323		33.5
Other <i>incl. SUNY and Park Police</i>	alcohol	49		1.1	105		2.1	40		0.7
	speed	204		1.1	237		1.4	178		1.1
	seatbelt	56		1.1	55		1.0	20		0.5
County Totals*										
	alcohol	4,615			4,941			5,492		
	speed	19,010			17,473			15,485		
	seatbelt	5,320			5,296			3,954		

* TSLED only
Source: NYSDMV

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