

ONONDAGA COUNTY

TRAFFIC SAFETY DATA



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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
Onondaga 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	10,275	315,377	3.3	9,953	307,550	3.2	9,582	294,757	3.3
Fatal Crashes	35	1,119	3.1	26	1,077	2.4	25	1,082	2.3
Non-Fatal Personal Injury Crashes	3,298	134,151	2.5	3,156	128,036	2.5	3,220	123,296	2.6
Reportable Property Damage Crashes	6,942	180,107	3.9	6,771	178,437	3.8	6,337	170,379	3.7
Manner of Collision									
Single Vehicle Crashes	3,350	101,471	3.3	3,161	98,836	3.2	3,218	97,456	3.3
Multiple Vehicle Crashes	6,925	213,906	3.2	6,792	208,714	3.3	6,364	197,301	3.2
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	227	16,357	1.4	237	15,928	1.5	229	15,832	1.4
Bicycle/Motor Vehicle Crashes	132	6,276	2.1	112	6,076	1.8	143	6,137	2.3
Motorcycle Crashes	173	5,570	3.1	157	5,336	2.9	180	5,916	3.0
Fatalities									
Persons Killed (1)	40	1,192	3.4	26	1,153	2.3	27	1,163	2.3
Drivers Killed	28	646	4.3	19	597	3.2	16	612	2.6
Passengers Killed	8	198	4.0	4	203	2.0	5	194	2.6
Pedestrians Killed	3	311	1.0	3	296	1.0	4	312	1.3
Bicyclists Killed	1	36	2.8	0	57	0.0	2	45	4.4
Other	0	1	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	4,318	187,566	2.3	4,103	177,445	2.3	4,186	169,206	2.5
Drivers Injured	2,842	112,104	2.5	2,726	106,335	2.6	2,766	101,605	2.7
Passengers Injured	1,112	52,421	2.1	1,016	48,677	2.1	1,046	45,532	2.3
Pedestrians Injured	229	16,090	1.4	233	15,689	1.5	226	15,607	1.4
Bicyclists Injured	128	6,058	2.1	114	5,883	1.9	135	5,929	2.3
Other	7	893	0.8	14	861	1.6	13	533	2.4

(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 Crashes 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
Onondaga County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2010	2011	2012
Crash Rates			
Crash Rate per 10,000 Population	220.01	213.14	205.25
Crash Rate per 10,000 Licensed Drivers	320.03	312.66	301.01
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	93.31	88.42	90.24
Fatality & Injury Rate per 10,000 Licensed Drivers	135.74	129.71	132.35

TABLE 2 Day of Week/Time of Day: 2012						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	9,582	768	2,476	4,107	2,003	228
Sunday	1,065	192	204	384	254	31
Monday	1,357	72	414	583	260	28
Tuesday	1,321	79	362	602	243	35
Wednesday	1,313	54	353	629	249	28
Thursday	1,416	77	373	627	311	28
Friday	1,682	111	415	752	368	36
Saturday	1,428	183	355	530	318	42

TABLE 3(P) Police Investigating Agency						
	2010		2011		2012	
	#	%	#	%	#	%
Total	9,248	100.0	8,957	100.0	8,676	100.0
State Police	1,423	15.4	1,282	14.3	1,244	14.3
County Police	2,267	24.5	2,408	26.9	2,412	27.8
New York City (NYPD)	0	0.0	0	0.0	1	<0.1
Municipal Police (non-NYC)	5,558	60.1	5,267	58.8	5,019	57.8
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Onondaga 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	16,751	100.0	16,318	100.0	15,459	100.0
Male	8,793	52.5	8,614	52.8	7,980	51.6
Female	7,271	43.4	7,056	43.2	6,828	44.2
Unknown	687	4.1	648	4.0	651	4.2
Age						
Under Age 16	2	<0.1	0	0.0	7	<0.1
Ages 16-20	1,965	11.7	1,869	11.5	1,651	10.7
Ages 21-29	3,541	21.1	3,541	21.7	3,394	22.0
Ages 30-39	2,532	15.1	2,481	15.2	2,331	15.1
Ages 40-49	2,987	17.8	2,793	17.1	2,485	16.1
Ages 50-59	2,517	15.0	2,422	14.8	2,383	15.4
Ages 60-69	1,413	8.4	1,486	9.1	1,485	9.6
Ages 70 and Over	1,082	6.5	1,048	6.4	1,052	6.8
Unknown Age	712	4.3	678	4.2	671	4.3

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	9,248		8,957		8,676	
Alcohol Involvement*	294	3.2	289	3.2	308	3.6
Backing Unsafely	568	6.1	547	6.1	541	6.2
Driver Inattention/Distraction	2,495	27.0	2,370	26.5	2,207	25.4
Driver Inexperience	184	2.0	140	1.6	125	1.4
Failure to Keep Right	168	1.8	177	2.0	188	2.2
Failure to Yield R.O.W.	1,640	17.7	1,491	16.6	1,582	18.2
Following Too Closely	1,601	17.3	1,680	18.8	1,589	18.3
Passing/Lane Violations	830	9.0	899	10.0	947	10.9
Traffic Control Disregarded	455	4.9	413	4.6	428	4.9
Turning Improperly	344	3.7	373	4.2	381	4.4
Unsafe Speed*	1,306	14.1	1,194	13.3	1,045	12.0

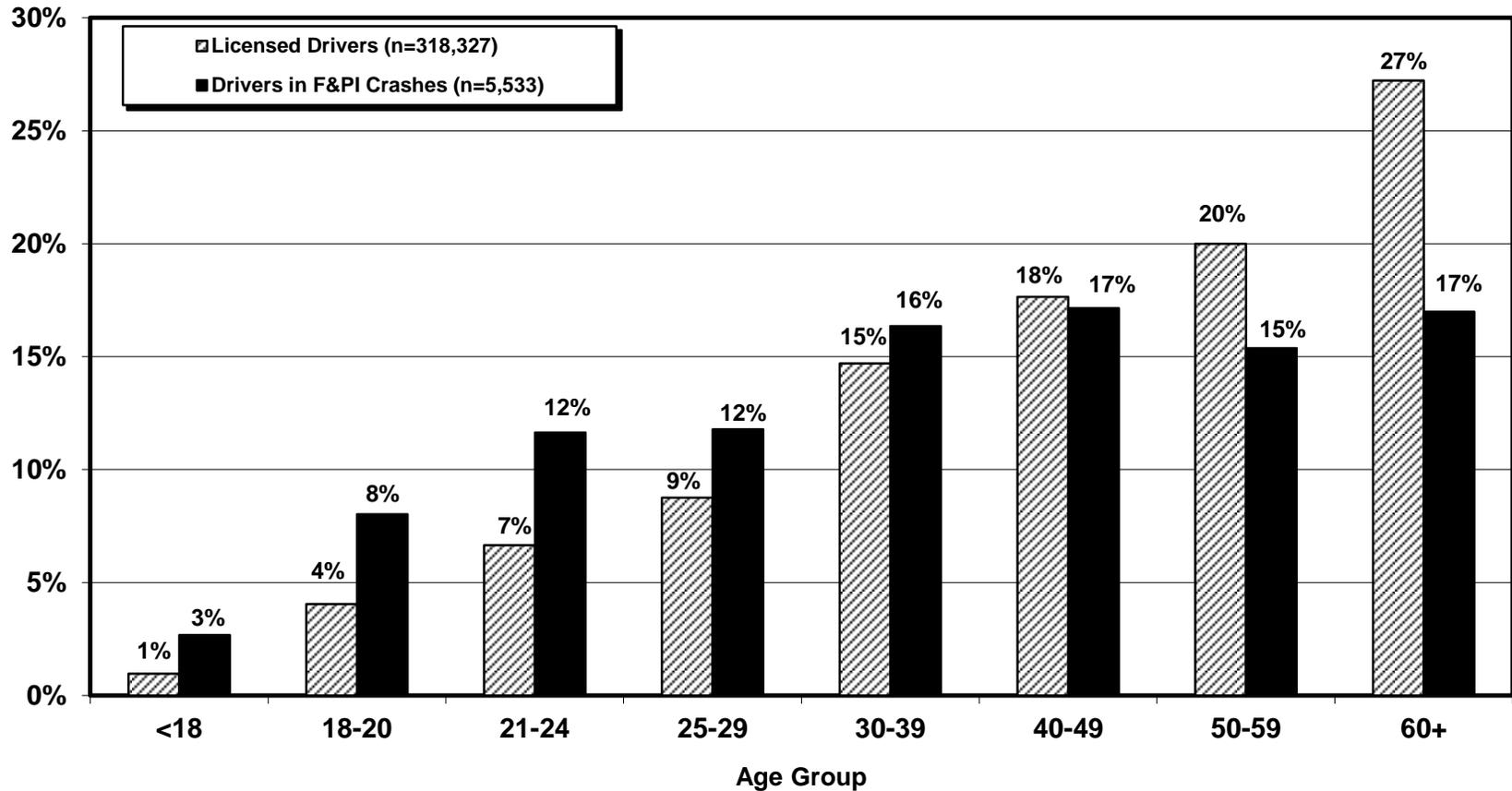
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	4,129	100.0	350	4,213	100.0	367
Under Age 4	34	0.8	4	35	0.8	1
Ages 4-6	47	1.1	12	62	1.5	12
Ages 7-15	198	4.8	53	196	4.7	59
Ages 16-17	144	3.5	19	137	3.3	17
Ages 18-20	344	8.3	33	349	8.3	39
Ages 21-29	843	20.4	60	898	21.3	66
Ages 30-39	620	15.0	30	597	14.2	43
Ages 40-49	680	16.5	50	628	14.9	42
Ages 50-59	599	14.5	48	612	14.5	46
Ages 60-69	336	8.1	21	357	8.5	17
Ages 70 and Over	220	5.3	13	277	6.6	15
Unknown Age	64	1.6	7	65	1.5	10

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	3,738	100.0	3,552	100.0	3,571	100.0
No Restraint Used	225	6.0	213	6.0	158	4.4
Restraint Used	3,377	90.3	3,209	90.3	3,294	92.2
Unknown	136	3.6	130	3.7	119	3.3
Motorcyclists	148	100.0	141	100.0	168	100.0
No Helmet Used	15	10.1	13	9.2	7	4.2
Helmet Used	126	85.1	121	85.8	155	92.3
Unknown	7	4.7	7	5.0	6	3.6
Bicyclists	128	100.0	113	100.0	136	100.0
No Helmet Used	97	75.8	73	64.6	94	69.1
Helmet Used	14	10.9	19	16.8	18	13.2
Unknown	17	13.3	21	18.6	24	17.6

FIGURE 1
Onondaga 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. 128 drivers in fatal and personal injury crashes were excluded due to unknown age.

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

Onondaga 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															
Camillus	22,031	4.8	153.0	5.0	144.0	136	0.9	187	89	0.6	122	125	0.8	165	
Cicero	27,692	6.0	187.6	6.1	147.6	206	1.1	263	223	1.2	279	219	1.2	299	
Clay	54,415	11.8	248.2	8.1	219.2	276	1.1	389	270	1.1	371	307	1.2	389	
DeWitt	22,024	4.8	178.3	5.8	123.5	257	1.4	318	266	1.5	347	274	1.5	361	
Elbridge	3,724	0.8	81.3	2.7	45.8	41	0.5	69	40	0.5	54	29	0.4	43	
Fabius	1,670	0.4	71.6	2.3	23.3	13	0.2	18	9	0.1	11	7	0.1	9	
Geddes	10,755	2.3	64.8	2.1	166.0	73	1.1	102	90	1.4	108	97	1.5	132	
Lafayette	4,964	1.1	99.2	3.2	50.0	39	0.4	47	42	0.4	53	25	0.3	28	
Lysander	15,716	3.4	172.3	5.6	91.2	54	0.3	70	76	0.4	99	50	0.3	72	
Manlius	20,314	4.4	165.1	5.4	123.0	106	0.6	141	94	0.6	114	107	0.6	131	
Marcellus	4,518	1.0	83.5	2.7	54.1	28	0.3	43	31	0.4	38	39	0.5	52	
Onondaga	21,374	4.6	207.3	6.8	103.1	128	0.6	171	106	0.5	137	122	0.6	171	
Otisco	2,584	0.6	67.5	2.2	38.3	10	0.1	10	4	0.1	6	11	0.2	12	
Pompey	6,496	1.4	156.0	5.1	41.6	27	0.2	37	31	0.2	47	34	0.2	53	
Salina	30,834	6.7	142.8	4.7	215.9	219	1.5	305	234	1.6	306	194	1.4	250	
Skaneateles	4,800	1.0	99.4	3.2	48.3	31	0.3	42	23	0.2	31	31	0.3	37	
Spafford	1,682	0.4	64.8	2.1	26.0	7	0.1	8	4	0.1	4	9	0.1	12	
Tully	1,853	0.4	58.5	1.9	31.7	23	0.4	33	27	0.5	35	27	0.5	31	
Van Buren	10,148	2.2	121.1	3.9	83.8	74	0.6	100	72	0.6	107	64	0.5	84	

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

Onondaga 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															
Baldwinsville	7,173	1.6	27.7	0.9	259.0	31	1.1	34	36	1.3	40	28	1.0	37	
Camillus	1,223	0.3	7.8	0.3	157.2	7	0.9	7	2	0.3	2	9	1.2	10	
East Syracuse	3,094	0.7	19.6	0.6	157.9	59	3.0	72	56	2.9	66	59	3.0	82	
Elbridge	1,085	0.2	7.8	0.3	139.1	4	0.5	6	4	0.5	4	7	0.9	8	
Fabius	348	0.1	2.6	0.1	133.8	1	0.4	1	0	na	na	0	na	na	
Fayetteville	4,164	0.9	31.5	1.0	132.2	17	0.5	19	14	0.4	14	10	0.3	14	
Jordan	1,358	0.3	8.9	0.3	152.6	1	0.1	3	2	0.2	3	0	na	na	
Liverpool	2,436	0.5	14.2	0.5	171.5	26	1.8	31	27	1.9	41	19	1.3	28	
Manlius	4,739	1.0	20.5	0.7	231.2	15	0.7	19	19	0.9	24	23	1.1	29	
Marcellus	1,807	0.4	5.9	0.2	306.3	3	0.5	3	3	0.5	4	3	0.5	6	
Minoa	3,279	0.7	11.8	0.4	277.9	1	0.1	1	3	0.3	3	1	0.1	1	
North Syracuse	6,793	1.5	27.2	0.9	249.7	61	2.2	81	59	2.2	82	57	2.1	77	
Skaneateles	2,588	0.6	11.5	0.4	225.0	10	0.9	12	8	0.7	12	8	0.7	9	
Solvay	6,676	1.5	24.4	0.8	273.6	26	1.1	33	10	0.4	10	22	0.9	23	
Tully	900	0.2	4.1	0.1	219.5	4	1.0	4	1	0.2	1	2	0.5	2	
City															
Syracuse	143,101	31.1	419.6	13.7	341.0	1,298	3.1	1,651	1,189	2.8	1,522	1,206	2.9	1,528	
Other															
Native American Reservation	1,447	na	na	na	na	14	na	21	10	na	20	11	na	15	
unknown	na	na	na	na	na	7	na	7	8	na	12	9	na	13	
Onondaga County Total	459,805		3,067.5		149.9	3,333	1.1	4,358	3,182	1.0	4,129	3,245	1.1	4,213	
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**

Onondaga 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	305	8,613	3.5	295	8,461	3.5	330	8,633	3.8
Fatal Crashes	14	327	4.3	9	330	2.7	10	325	3.1
Non-Fatal Personal Injury Crashes	155	4,445	3.5	134	4,298	3.1	152	4,471	3.4
Reportable Property Damage Crashes	136	3,841	3.5	152	3,833	4.0	168	3,837	4.4
Manner of Collision									
Single Vehicle Crashes	180	4,798	3.8	172	4,646	3.7	206	4,725	4.4
Multiple Vehicle Crashes	125	3,815	3.3	123	3,815	3.2	124	3,908	3.2
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	13	408	3.2	14	460	3.0	18	495	3.6
A-R Bicycle/Motor Vehicle Crashes	4	100	4.0	3	105	2.9	1	118	0.8
A-R Motorcycle Crashes	6	227	2.6	11	204	5.4	7	215	3.3
Fatalities									
Persons Killed (1)	14	354	4.0	9	362	2.5	12	358	3.4
Drivers Killed	11	206	5.3	6	185	3.2	6	188	3.2
<i>Drinking Drivers</i>	11	191	5.8	3	170	1.8	5	171	2.9
<i>Non-Drinking Drivers</i>	0	15	0.0	3	15	20.0	1	17	5.9
Passengers Killed	1	64	1.6	3	73	4.1	3	62	4.8
Pedestrians Killed	2	79	2.5	0	91	0.0	3	99	3.0
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)	209	6,337	3.3	165	6,121	2.7	193	6,303	3.1
Drivers Injured	129	4,031	3.2	110	3,874	2.8	125	4,011	3.1
Passengers Injured	64	1,815	3.5	38	1,726	2.2	50	1,741	2.9
Pedestrians Injured	12	344	3.5	14	382	3.7	15	404	3.7
Bicyclists Injured	4	95	4.2	3	91	3.3	1	105	1.0
Other	0	52	0.0	0	48	0.0	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
Onondaga 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	330	147	18	43	122	0
Sunday	77	53	1	4	19	0
Monday	18	3	3	5	7	0
Tuesday	20	6	1	5	8	0
Wednesday	25	4	7	5	9	0
Thursday	42	11	2	5	24	0
Friday	63	23	2	7	31	0
Saturday	85	47	2	12	24	0

TABLE 3(P) Driver Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	398	100.0	393	100.0	435	100.0
Male	272	68.3	273	69.5	302	69.4
<i>Drinking Drivers</i>	216	54.3	209	53.2	227	52.2
<i>Non-Drinking Drivers</i>	56	14.1	64	16.3	75	17.2
Female	117	29.4	113	28.8	124	28.5
<i>Drinking Drivers</i>	75	18.8	75	19.1	92	21.1
<i>Non-Drinking Drivers</i>	42	10.6	38	9.7	32	7.4
Unknown	9	2.3	7	1.8	9	2.1
<i>Drinking Drivers</i>	1	0.3	1	0.3	0	0.0
<i>Non-Drinking Drivers</i>	8	2.0	6	1.5	9	2.1
Drinking Drivers	292	100.0	285	100.0	319	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	18	6.2	21	7.4	23	7.2
Ages 21-29	111	38.0	105	36.8	117	36.7
Ages 30-39	44	15.1	58	20.4	73	22.9
Ages 40-49	68	23.3	47	16.5	52	16.3
Ages 50-59	33	11.3	38	13.3	37	11.6
Age 60 and Over	16	5.5	14	4.9	17	5.3
Unknown Age	2	0.7	2	0.7	0	0.0
Non-Drinking Drivers	106	100.0	108	100.0	116	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	9	8.5	9	8.3	7	6.0
Ages 21-29	25	23.6	21	19.4	27	23.3
Ages 30-39	17	16.0	14	13.0	19	16.4
Ages 40-49	24	22.6	14	13.0	19	16.4
Ages 50-59	15	14.2	22	20.4	23	19.8
Age 60 and Over	8	7.5	22	20.4	12	10.3
Unknown Age	8	7.5	6	5.6	9	7.8

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

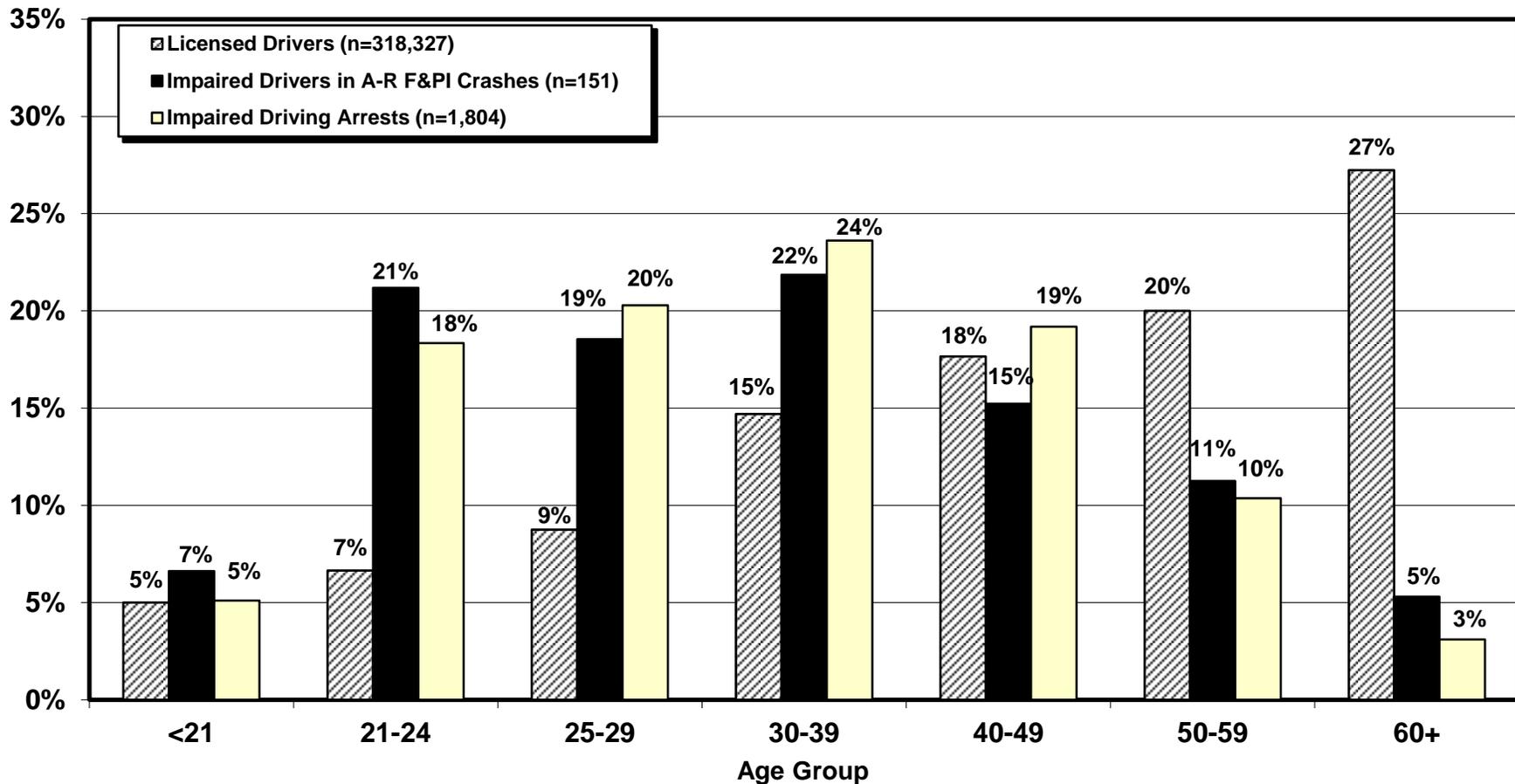
	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	305		295		330	
Driver Inattention/Distracted	27	8.9	25	8.5	21	6.4
Failure to Keep Right	29	9.5	22	7.5	19	5.8
Failure to Yield R.O.W.	19	6.2	21	7.1	25	7.6
Fell Asleep	4	1.3	6	2.0	3	0.9
Following Too Closely	26	8.5	22	7.5	26	7.9
Passing/Lane Violations	42	13.8	58	19.7	64	19.4
Traffic Control Disregarded	16	5.2	14	4.7	13	3.9
Unsafe Speed	67	22.0	62	21.0	82	24.8

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	174	100.0	17	205	100.0	19
Under Age 4	1	0.6	0	1	0.5	0
Ages 4-6	1	0.6	0	0	0.0	0
Ages 7-15	4	2.3	1	7	3.4	0
Ages 16-17	9	5.2	0	7	3.4	2
Ages 18-20	15	8.6	3	15	7.3	1
Ages 21-29	50	28.7	3	71	34.6	2
Ages 30-39	29	16.7	3	38	18.5	2
Ages 40-49	30	17.2	4	23	11.2	5
Ages 50-59	22	12.6	2	28	13.7	5
Ages 60-69	10	5.7	1	9	4.4	1
Ages 70 and Over	3	1.7	0	4	2.0	0
Unknown Age	0	0.0	0	2	1.0	1

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	200	100.0	146	100.0	178	100.0
No Restraint Used	39	19.5	27	18.5	24	13.5
Restraint Used	147	73.5	111	76.0	139	78.1
Unknown	14	7.0	8	5.5	15	8.4
Motorcyclists	5	100.0	11	100.0	6	100.0
No Helmet Used	0	0.0	2	18.2	1	16.7
Helmet Used	4	80.0	8	72.7	5	83.3
Unknown	1	20.0	1	9.1	0	0.0
Bicyclists	4	100.0	3	100.0	1	100.0
No Helmet Used	4	100.0	1	33.3	1	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	2	66.7	0	0.0

FIGURE 1
Onondaga 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**

Onondaga 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	1,329	28,168	4.7	1,220	28,147	4.3	1,073	26,630	4.0
Fatal Crashes	7	289	2.4	7	284	2.5	8	310	2.6
Non-Fatal Personal Injury Crashes	497	12,846	3.9	435	12,838	3.4	402	12,216	3.3
Reportable Property Damage Crashes	825	15,033	5.5	778	15,025	5.2	663	14,104	4.7
Manner of Collision									
Single Vehicle Crashes	744	16,991	4.4	642	16,379	3.9	639	15,812	4.0
Multiple Vehicle Crashes	585	11,177	5.2	578	11,768	4.9	434	10,818	4.0
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	18	411	4.4	12	488	2.5	10	465	2.2
S-R Bicycle/Motor Vehicle Crashes	2	130	1.5	0	133	0.0	1	113	0.9
S-R Motorcycle Crashes	30	846	3.5	32	808	4.0	21	876	2.4
Fatalities									
Persons Killed (1)	7	319	2.2	7	319	2.2	8	348	2.3
Drivers Killed	6	231	2.6	5	211	2.4	6	242	2.5
<i>Speeding Drivers</i>	5	220	2.3	4	195	2.1	5	215	2.3
<i>Non-Speeding Drivers</i>	1	11	9.1	1	16	6.3	1	27	3.7
Passengers Killed	1	70	1.4	1	91	1.1	2	77	2.6
Pedestrians Killed	0	16	0.0	1	17	5.9	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)	664	18,910	3.5	564	18,843	3.0	546	17,999	3.0
Drivers Injured	465	12,556	3.7	410	12,382	3.3	356	11,899	3.0
Passengers Injured	177	5,723	3.1	142	5,730	2.5	177	5,480	3.2
Pedestrians Injured	19	422	4.5	12	514	2.3	10	462	2.2
Bicyclists Injured	2	128	1.6	0	130	0.0	1	114	0.9
Other	1	81	1.2	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
Onondaga County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,073	185	311	328	246	3
Sunday	160	54	28	37	41	0
Monday	117	13	41	31	32	0
Tuesday	105	20	29	32	23	1
Wednesday	95	7	28	35	25	0
Thursday	114	16	32	37	29	0
Friday	210	25	63	76	45	1
Saturday	272	50	90	80	51	1

	2010		2011		2012	
	#	%	#	%	#	%
Total Drivers	1,897	100.0	1,779	100.0	1,482	100.0
Male	1,119	59.0	1,044	58.7	855	57.7
<i>Speeding Drivers</i>	796	42.0	730	41.0	626	42.2
<i>Non-Speeding Drivers</i>	323	17.0	314	17.7	229	15.5
Female	724	38.2	694	39.0	582	39.3
<i>Speeding Drivers</i>	485	25.6	464	26.1	402	27.1
<i>Non-Speeding Drivers</i>	239	12.6	230	12.9	180	12.1
Unknown	54	2.8	41	2.3	45	3.0
<i>Speeding Drivers</i>	42	2.2	35	2.0	31	2.1
<i>Non-Speeding Drivers</i>	12	0.6	6	0.3	14	0.9
Speeding Drivers	1,323	100.0	1,229	100.0	1,059	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	269	20.3	231	18.8	210	19.8
Ages 21-29	399	30.2	399	32.5	365	34.5
Ages 30-39	230	17.4	215	17.5	158	14.9
Ages 40-49	180	13.6	169	13.8	116	11.0
Ages 50-59	129	9.8	114	9.3	104	9.8
Age 60 and Over	74	5.6	65	5.3	73	6.9
Unknown Age	42	3.2	36	2.9	33	3.1
Non-Speeding Drivers	574	100.0	550	100.0	423	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	46	8.0	56	10.2	36	8.5
Ages 21-29	104	18.1	103	18.7	83	19.6
Ages 30-39	100	17.4	92	16.7	71	16.8
Ages 40-49	133	23.2	117	21.3	96	22.7
Ages 50-59	100	17.4	108	19.6	69	16.3
Age 60 and Over	79	13.8	68	12.4	54	12.8
Unknown Age	12	2.1	6	1.1	14	3.3

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

	2010		2011		2012	
	#	%	#	%	#	%
Total Crashes	1,329		1,220		1,073	
Alcohol Involvement	78	5.9	75	6.1	88	8.2
Driver Inattention/Distraction	105	7.9	81	6.6	70	6.5
Driver Inexperience	28	2.1	28	2.3	11	1.0
Failure to Keep Right	21	1.6	25	2.0	24	2.2
Failure to Yield R.O.W.	45	3.4	40	3.3	28	2.6
Following Too Closely	118	8.9	116	9.5	97	9.0
Passing/Lane Violations	64	4.8	72	5.9	78	7.3
Traffic Control Disregarded	42	3.2	35	2.9	21	2.0

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	571	100.0	13	554	100.0	11
Under Age 4	3	0.5	0	4	0.7	0
Ages 4-6	8	1.4	0	8	1.4	2
Ages 7-15	10	1.8	3	20	3.6	1
Ages 16-17	31	5.4	1	25	4.5	0
Ages 18-20	71	12.4	1	68	12.3	1
Ages 21-29	142	24.9	2	160	28.9	3
Ages 30-39	91	15.9	3	85	15.3	2
Ages 40-49	97	17.0	1	74	13.4	1
Ages 50-59	65	11.4	1	48	8.7	0
Ages 60-69	33	5.8	0	27	4.9	1
Ages 70 and Over	14	2.5	1	27	4.9	0
Unknown Age	6	1.1	0	8	1.4	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	621	100.0	525	100.0	520	100.0
No Restraint Used	56	9.0	55	10.5	31	6.0
Restraint Used	537	86.5	445	84.8	471	90.6
Unknown	28	4.5	25	4.8	18	3.5
Motorcyclists	28	100.0	33	100.0	21	100.0
No Helmet Used	6	21.4	3	9.1	2	9.5
Helmet Used	20	71.4	28	84.8	19	90.5
Unknown	2	7.1	2	6.1	0	0.0
Bicyclists	2	100.0	0	0.0	1	100.0
No Helmet Used	2	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	1	100.0

SECTION 4

Motorcycle Crash Summary Report

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

Onondaga 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	173	5,570	3.1	157	5,336	2.9	180	5,916	3.0
Fatal Crashes	4	180	2.2	8	168	4.8	5	164	3.0
Non-Fatal Personal Injury Crashes	143	4,757	3.0	128	4,550	2.8	151	5,052	3.0
Reportable Property Damage Crashes	26	633	4.1	21	618	3.4	24	700	3.4
Manner of Collision									
Single Motorcycle Crashes	83	2,426	3.4	80	2,408	3.3	95	2,564	3.7
Multiple Vehicle Crashes	90	3,144	2.9	77	2,928	2.6	85	3,352	2.5
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	2	79	2.5	1	64	1.6	1	89	1.1
Motorcycle/Bicycle Crashes	1	28	3.6	1	27	3.7	1	38	2.6
Fatalities									
Persons Killed (1)	4	185	2.2	8	171	4.7	5	173	2.9
Drivers Killed	4	173	2.3	8	162	4.9	5	155	3.2
<i>Motorcycle Operators</i>	4	172	2.3	8	162	4.9	5	154	3.2
<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)	159	5,468	2.9	150	5,180	2.9	170	5,820	2.9
Drivers Injured	143	4,819	3.0	135	4,604	2.9	148	5,129	2.9
Passengers Injured	13	520	2.5	13	485	2.7	20	562	3.6
Pedestrians Injured	2	85	2.4	1	59	1.7	1	88	1.1
Bicyclists Injured	0	27	0.0	1	22	4.5	1	31	3.2
Other	1	17	5.9	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**

Onondaga 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	180	13	32	85	48	2
Sunday	34	3	4	17	10	0
Monday	17	2	5	8	2	0
Tuesday	17	0	4	8	3	2
Wednesday	22	0	5	9	8	0
Thursday	31	0	6	17	8	0
Friday	30	2	5	13	10	0
Saturday	29	6	3	13	7	0

TABLE 3 Motorcycle Operator Gender and Age						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Operators	166	100.0	158	100.0	183	100.0
Male	149	89.8	147	93.0	163	89.1
Female	16	9.6	10	6.3	19	10.4
Unknown	1	0.6	1	0.6	1	0.5
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	4.2	6	3.8	6	3.3
Ages 21-29	51	30.7	37	23.4	48	26.2
Ages 30-39	38	22.9	37	23.4	26	14.2
Ages 40-49	31	18.7	34	21.5	40	21.9
Ages 50-59	25	15.1	29	18.4	48	26.2
Ages 60 and Over	13	7.8	14	8.9	14	7.7
Unknown Age	1	0.6	1	0.6	1	0.5

TABLE 4(P) Select Crash Contributing Factors						
	2010		2011		2012	
	#	%	#	%	#	%
Total MC Crashes	161		148		172	
Alcohol Involvement	6	3.7	10	6.8	6	3.5
Driver Inattention/Distracted	27	16.8	24	16.2	21	12.2
Driver Inexperience	17	10.6	5	3.4	15	8.7
Failure to Keep Right	3	1.9	8	5.4	4	2.3
Failure to Yield R.O.W.	36	22.4	29	19.6	29	16.9
Following Too Closely	13	8.1	14	9.5	22	12.8
Passing/Lane Violations	18	11.2	14	9.5	24	14.0
Traffic Control Disregarded	3	1.9	5	3.4	2	1.2
Turning Improperly	8	5.0	13	8.8	14	8.1
Unsafe Speed	30	18.6	31	20.9	20	11.6

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2010		2011		2012	
	#	%	#	%	#	%
Age Group	154	100.0	143	100.0	173	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	1	0.7	0	0.0
Ages 16-17	0	0.0	1	0.7	2	1.2
Ages 18-20	7	4.5	5	3.5	8	4.6
Ages 21-29	47	30.5	31	21.7	40	23.1
Ages 30-39	35	22.7	29	20.3	22	12.7
Ages 40-49	29	18.8	34	23.8	38	22.0
Ages 50-59	21	13.6	28	19.6	47	27.2
Ages 60-69	14	9.1	5	3.5	15	8.7
Ages 70 and Over	1	0.6	8	5.6	0	0.0
Unknown Age	0	0.0	1	0.7	1	0.6

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2010		2011		2012	
	#	%	#	%	#	%
Motorcyclists	148	100.0	141	100.0	168	100.0
No Helmet Used	15	10.1	13	9.2	7	4.2
Helmet Used	126	85.1	121	85.8	155	92.3
Unknown	7	4.7	7	5.0	6	3.6

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2008	10,865	3.3	22,109	3.5
2009	11,352	3.4	22,742	3.5
2010	11,786	3.5	23,217	3.5
2011	12,017	3.5	23,603	3.5
2012	11,906	3.4	24,038	3.5

SECTION 5

Ticket Data

ONONDAGA COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
TOTAL TICKETS ISSUED	125,959	113,566	97,669
SPEED (V&T 1180)	22,375	21,709	18,261
% of total tickets	17.8%	19.1%	18.7%
% convicted on same charge (of adjudicated cases)	29.2%	29.0%	26.0%
SAFETY RESTRAINTS (V&T 1229c)	10,802	7,980	5,376
% of total tickets	8.6%	7.0%	5.5%
% convicted on same charge (of adjudicated cases)	64.5%	60.4%	59.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>1,659</i>	<i>1,559</i>	<i>1,119</i>
IMPAIRED DRIVING (V&T 1192)	3,607	3,583	3,618
% of total tickets	2.9%	3.2%	3.7%
Persons Arrested for Impaired Driving	(N=1,843)	(N=1,826)	(N=1,804)
Case adjudicated	75.4%	72.2%	69.6%
Case pending	24.6%	27.8%	30.4%
Adjudicated Cases*	(N=1,389)	(N=1,319)	(N=1,256)
Convicted on original 1192 charge	30.4%	27.8%	28.7%
Convicted on other 1192 charge	54.0%	58.6%	57.1%
Convicted on non-1192 charge	1.9%	2.3%	3.0%
Dismissed/Acquitted/Convicted on charge associated with different event	13.8%	11.3%	11.2%

* 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.

ONONDAGA COUNTY

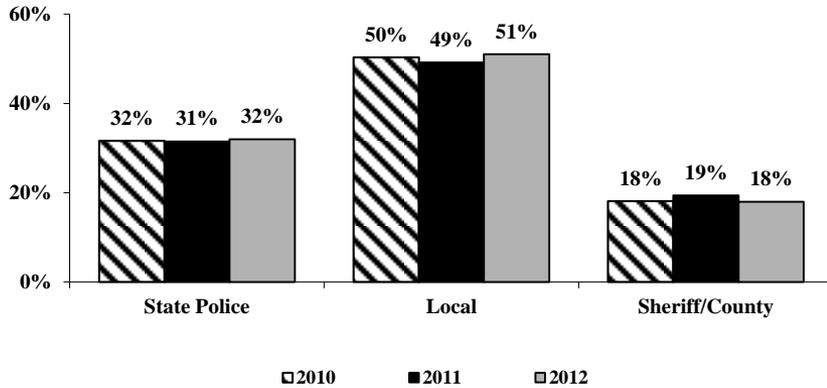
Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
Number of Persons Sentenced to Probation	250	218	241
Number of Persons on Probation	462	468	534

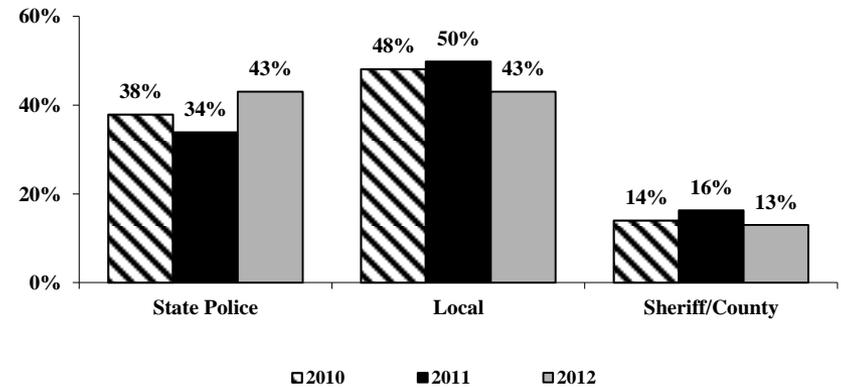
Source: NYS Division of Probation and Correctional Alternatives.

Onondaga County Tickets Issued by TSLED Agencies By Agency Type

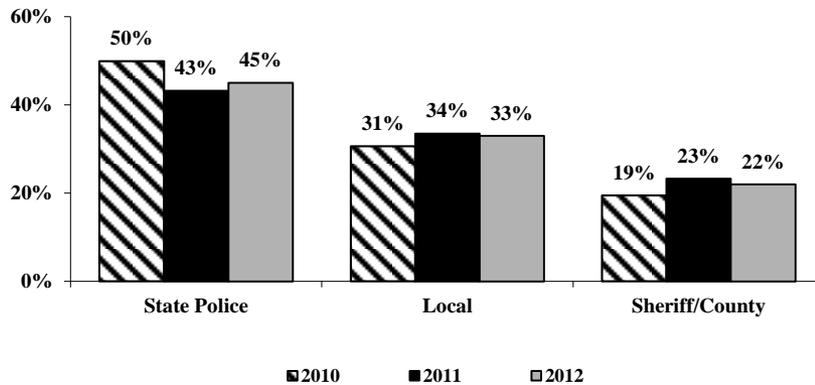
All Tickets



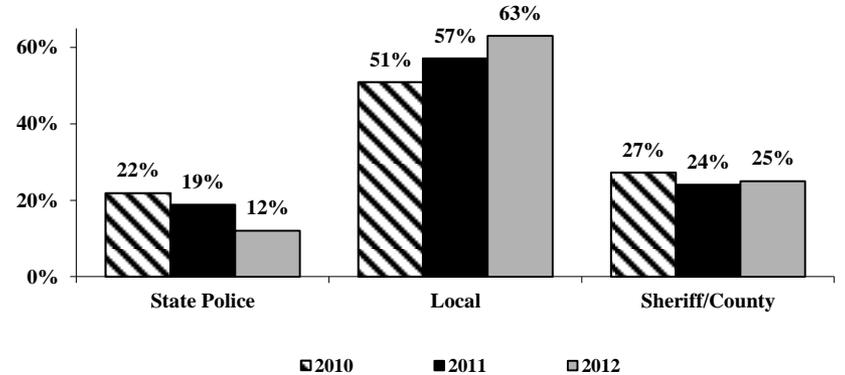
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ONONDAGA 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
Onondaga Sheriff NCIC 03300	alcohol	1,034	36.6	28.7	924	31.6	25.8	917	28.8	25.3
	speed	4,360	39.1	19.5	5,056	41.3	23.3	4,088	40.9	22.4
	seatbelt	1,511	23.1	14.0	1,297	25.6	16.3	711	23.9	13.2
Syracuse P.D. NCIC 03301	alcohol	844	29.8	23.4	982	33.6	27.4	1,364	42.8	37.7
	speed	3,177	28.5	14.2	3,542	28.9	16.3	1,856	18.5	10.2
	seatbelt	3,841	58.6	35.6	2,864	56.4	35.9	1,582	53.1	29.4
East Syracuse P.D. NCIC 03321	alcohol	94	3.3	2.6	92	3.2	2.6	70	2.2	1.9
	speed	92	0.8	0.4	113	0.9	0.5	62	0.6	0.3
	seatbelt	26	0.4	0.2	13	0.3	0.2	14	0.5	0.3
Jordan Village P.D. NCIC 03324	alcohol	3	0.1	0.1	0	0.0	0.0	1	<0.1	<0.1
	speed	16	0.1	0.1	24	0.2	0.1	28	0.3	0.2
	seatbelt	11	0.2	0.1	10	0.2	0.1	5	0.2	0.1
Solvay P.D. NCIC 03326	alcohol	56	2.0	1.6	78	2.7	2.2	84	2.6	2.3
	speed	438	3.9	2.0	398	3.3	1.8	431	4.3	2.4
	seatbelt	33	0.5	0.3	25	0.5	0.3	19	0.6	0.4
Baldwinsville P.D. NCIC 03327	alcohol	67	2.4	1.9	117	4.0	3.3	87	2.7	2.4
	speed	191	1.7	0.9	183	1.5	0.8	154	1.5	0.8
	seatbelt	39	0.6	0.4	36	0.7	0.5	20	0.7	0.4
Town of Manlius P.D. NCIC 03329	alcohol	169	6.0	4.7	191	6.5	5.3	183	5.7	5.1
	speed	949	8.5	4.2	1,183	9.7	5.4	1,490	14.9	8.2
	seatbelt	145	2.2	1.3	236	4.6	3.0	291	9.8	5.4
Village of Marcellus P.D. NCIC 03330	alcohol	0	0.0	0.0	0	0.0	0.0	2	0.1	0.1
	speed	117	1.0	0.5	114	0.9	0.5	97	1.0	0.5
	seatbelt	18	0.3	0.2	7	0.1	0.1	11	0.4	0.2
Liverpool P.D. NCIC 03331	alcohol	76	2.7	2.1	77	2.6	2.1	108	3.4	3.0
	speed	314	2.8	1.4	271	2.2	1.2	318	3.2	1.7
	seatbelt	19	0.3	0.2	13	0.3	0.2	12	0.4	0.2
Skaneateles P.D. NCIC 03332	alcohol	16	0.6	0.4	10	0.3	0.3	2	0.1	0.1
	speed	116	1.0	0.5	127	1.0	0.6	153	1.5	0.8
	seatbelt	35	0.5	0.3	4	0.1	0.1	8	0.3	0.1
North Syracuse P.D. NCIC 03335	alcohol	30	1.1	0.8	84	2.9	2.3	65	2.0	1.8
	speed	167	1.5	0.7	148	1.2	0.7	146	1.5	0.8
	seatbelt	244	3.7	2.3	164	3.2	2.1	19	0.6	0.4
Town of Camillus P.D. NCIC 03350	alcohol	193	6.8	5.4	156	5.3	4.4	111	3.5	3.1
	speed	494	4.4	2.2	299	2.4	1.4	464	4.6	2.5
	seatbelt	279	4.3	2.6	145	2.9	1.8	156	5.2	2.9
Town of Cicero P.D. NCIC 03351	alcohol	91	3.2	2.5	64	2.2	1.8	83	2.6	2.3
	speed	281	2.5	1.3	321	2.6	1.5	409	4.1	2.2
	seatbelt	48	0.7	0.4	27	0.5	0.3	23	0.8	0.4

ONONDAGA 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
Town of Clay P.D. NCIC 03352	alcohol	1	<0.1	<0.1	0	0.0	0.0	0	0.0	0.0
	speed	13	0.1	0.1	0	0.0	0.0	0	0.0	0.0
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Town of Dewitt P.D. NCIC 03353	alcohol	89	3.1	2.5	82	2.8	2.3	40	1.3	1.1
	speed	315	2.8	1.4	249	2.0	1.1	114	1.1	0.6
	seatbelt	171	2.6	1.6	118	2.3	1.5	37	1.2	0.7
Town of Geddes P.D. NCIC 03356	alcohol	65	2.3	1.8	63	2.2	1.8	69	2.2	1.9
	speed	110	1.0	0.5	216	1.8	1.0	197	2.0	1.1
	seatbelt	135	2.1	1.2	117	2.3	1.5	73	2.4	1.4
Totals by Agency Type										
Sheriff and Local	alcohol	2,828		78.4	2,920		81.5	3,186		88.1
	speed	11,150		49.8	12,244		56.4	10,007		54.8
	seatbelt	6,555		60.7	5,076		63.6	2,981		55.5
State Police	alcohol	770		21.3	642		17.9	408		11.3
	speed	11,166		49.9	9,375		43.2	8,172		44.8
	seatbelt	4,094		37.9	2,704		33.9	2,331		43.4
Other <i>incl. Upstate Med.Univ., SUNY, & Park Police</i>	alcohol	9		0.2	21		0.6	24		0.7
	speed	59		0.3	90		0.4	82		0.4
	seatbelt	153		1.4	200		2.5	64		1.2
County Totals										
	alcohol	3,607			3,583			3,618		
	speed	22,375			21,709			18,261		
	seatbelt	10,802			7,980			5,376		

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