

CATTARAUGUS 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
Cattaraugus 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	1,713	314,974	0.5	1,596	315,377	0.5	1,621	307,550	0.5
Fatal Crashes	7	1,060	0.7	18	1,119	1.6	12	1,077	1.1
Non-Fatal Personal Injury Crashes	490	133,888	0.4	430	134,151	0.3	414	128,036	0.3
Reportable Property Damage Crashes	1,216	180,026	0.7	1,148	180,107	0.6	1,195	178,437	0.7
Manner of Collision									
Single Vehicle Crashes	1,057	101,080	1.0	1,026	101,471	1.0	1,065	98,836	1.1
Multiple Vehicle Crashes	656	213,894	0.3	570	213,906	0.3	556	208,714	0.3
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	24	15,682	0.2	27	16,357	0.2	13	15,928	0.1
Bicycle/Motor Vehicle Crashes	15	5,620	0.3	15	6,276	0.2	9	6,076	0.1
Motorcycle Crashes	46	5,150	0.9	56	5,570	1.0	52	5,336	1.0
Fatalities									
Persons Killed (1)	7	1,148	0.6	18	1,192	1.5	12	1,153	1.0
Drivers Killed	4	603	0.7	14	646	2.2	12	597	2.0
Passengers Killed	0	209	0.0	3	198	1.5	0	203	0.0
Pedestrians Killed	3	307	1.0	1	311	0.3	0	296	0.0
Bicyclists Killed	0	29	0.0	0	36	0.0	0	57	0.0
Other	0	0	0.0	0	1	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	641	186,034	0.3	558	187,566	0.3	578	177,445	0.3
Drivers Injured	415	112,855	0.4	372	112,104	0.3	366	106,335	0.3
Passengers Injured	186	51,499	0.4	145	52,421	0.3	187	48,677	0.4
Pedestrians Injured	21	15,321	0.1	25	16,090	0.2	14	15,689	0.1
Bicyclists Injured	16	5,405	0.3	14	6,058	0.2	9	5,883	0.2
Other	3	954	0.3	2	893	0.2	2	861	0.2

(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
Cattaraugus County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	214.96	198.71	203.05
Crash Rate per 10,000 Licensed Drivers	297.70	281.87	291.63
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	81.32	71.72	73.91
Fatality & Injury Rate per 10,000 Licensed Drivers	112.62	101.73	106.14

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	1,621	179	408	522	450	62
Sunday	193	31	42	48	66	6
Monday	170	15	45	57	50	3
Tuesday	216	18	56	72	63	7
Wednesday	259	16	76	85	72	10
Thursday	216	21	52	72	62	9
Friday	281	37	72	93	64	15
Saturday	286	41	65	95	73	12

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	1,464	100.0	1,339	100.0	1,378	100.0
State Police	498	34.0	421	31.4	410	29.8
County Police	614	41.9	603	45.0	651	47.2
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	352	24.0	315	23.5	317	23.0
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Cattaraugus 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	2,289	100.0	2,103	100.0	2,106	100.0
Male	1,251	54.7	1,170	55.6	1,151	54.7
Female	970	42.4	866	41.2	895	42.5
Unknown	68	3.0	67	3.2	60	2.8
Age						
Under Age 16	0	0.0	2	0.1	1	<0.1
Ages 16-20	294	12.8	239	11.4	236	11.2
Ages 21-29	494	21.6	439	20.9	415	19.7
Ages 30-39	333	14.5	314	14.9	305	14.5
Ages 40-49	378	16.5	349	16.6	390	18.5
Ages 50-59	363	15.9	320	15.2	328	15.6
Ages 60-69	191	8.3	214	10.2	207	9.8
Ages 70 and Over	162	7.1	158	7.5	161	7.6
Unknown Age	74	3.2	68	3.2	63	3.0

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	1,464		1,339		1,378	
Alcohol Involvement*	85	5.8	66	4.9	76	5.5
Backing Unsafely	59	4.0	47	3.5	61	4.4
Driver Inattention/Distraction	186	12.7	170	12.7	187	13.6
Driver Inexperience	48	3.3	31	2.3	32	2.3
Failure to Keep Right	53	3.6	57	4.3	72	5.2
Failure to Yield R.O.W.	166	11.3	128	9.6	112	8.1
Following Too Closely	129	8.8	113	8.4	100	7.3
Passing/Lane Violations	95	6.5	72	5.4	78	5.7
Traffic Control Disregarded	27	1.8	37	2.8	23	1.7
Turning Improperly	28	1.9	24	1.8	26	1.9
Unsafe Speed*	226	15.4	178	13.3	203	14.7

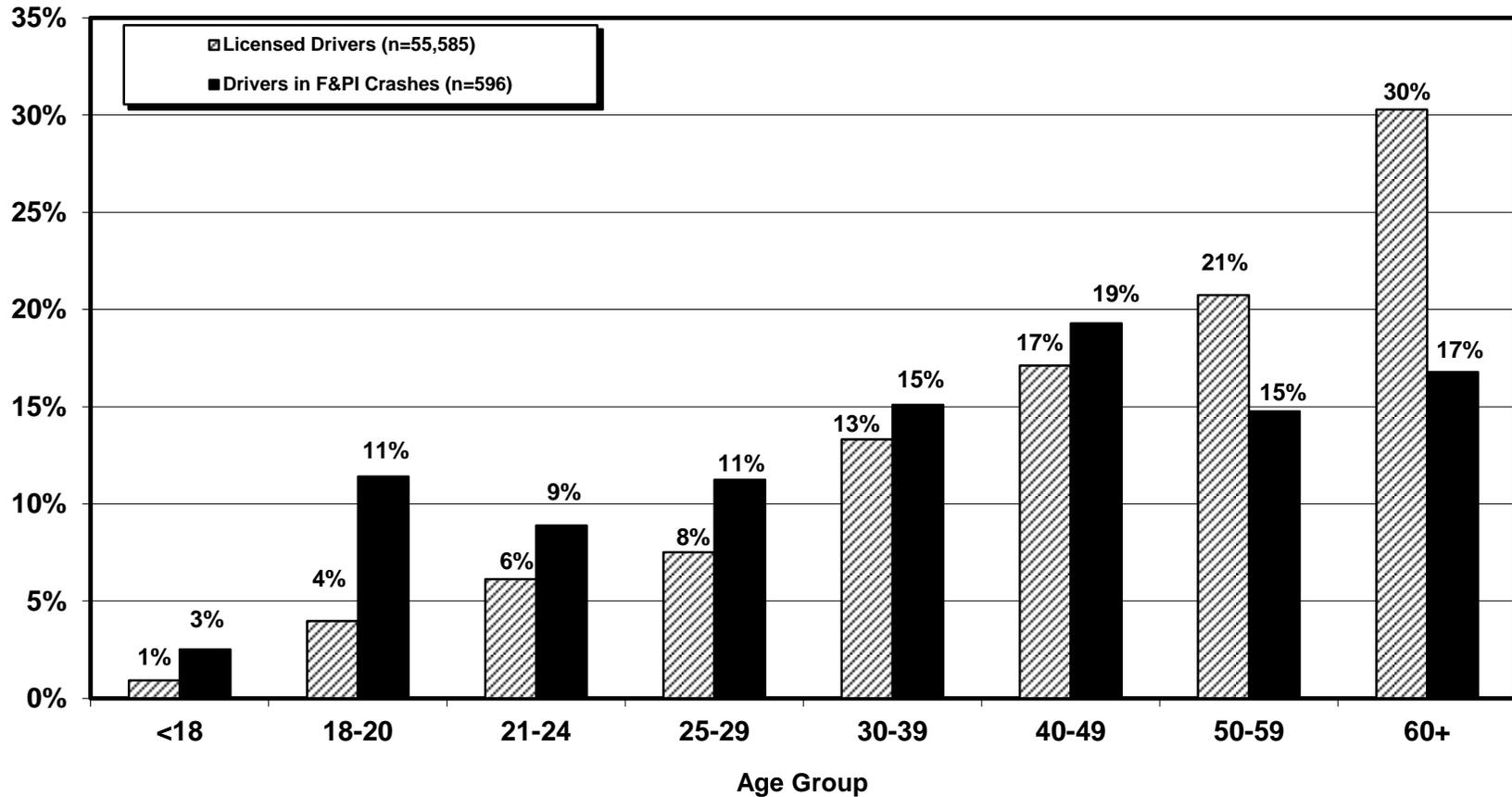
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	576	100.0	40	590	100.0	23
Under Age 4	3	0.5	1	5	0.8	0
Ages 4-6	4	0.7	0	5	0.8	0
Ages 7-15	40	6.9	6	50	8.5	9
Ages 16-17	32	5.6	5	23	3.9	0
Ages 18-20	53	9.2	5	66	11.2	0
Ages 21-29	109	18.9	7	114	19.3	4
Ages 30-39	80	13.9	6	80	13.6	2
Ages 40-49	89	15.5	5	89	15.1	1
Ages 50-59	84	14.6	3	72	12.2	4
Ages 60-69	41	7.1	0	45	7.6	1
Ages 70 and Over	33	5.7	1	36	6.1	0
Unknown Age	8	1.4	1	5	0.8	2

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	544	100.0	468	100.0	505	100.0
No Restraint Used	55	10.1	46	9.8	56	11.1
Restraint Used	477	87.7	411	87.8	443	87.7
Unknown	12	2.2	11	2.4	6	1.2
Motorcyclists	40	100.0	52	100.0	52	100.0
No Helmet Used	2	5.0	0	0.0	4	7.7
Helmet Used	37	92.5	47	90.4	44	84.6
Unknown	1	2.5	5	9.6	4	7.7
Bicyclists	16	100.0	14	100.0	8	100.0
No Helmet Used	9	56.3	4	28.6	5	62.5
Helmet Used	3	18.8	0	0.0	2	25.0
Unknown	4	25.0	10	71.4	1	12.5

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

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

Cattaraugus 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	Allegany	6,397	7.7	104.5	4.9	61.2	42	0.4	60	35	0.3	46	41	0.4	53
	Ashford	2,240	2.7	92.3	4.3	24.3	13	0.1	16	27	0.3	32	19	0.2	30
	Carrollton	976	1.2	47.8	2.2	20.4	4	0.1	4	8	0.2	8	5	0.1	6
	Cold Spring	738	0.9	64.7	3.0	11.4	5	0.1	5	9	0.1	14	7	0.1	8
	Conewango	1,510	1.8	65.3	3.0	23.1	2	<0.1	2	1	<0.1	1	3	<0.1	3
	Dayton	1,251	1.5	56.8	2.6	22.0	13	0.2	15	5	0.1	5	14	0.2	22
	East Otto	1,104	1.3	62.7	2.9	17.6	6	0.1	9	5	0.1	5	3	<0.1	3
	Ellicottville	1,289	1.5	72.0	3.4	17.9	10	0.1	12	11	0.2	15	12	0.2	20
	Farmersville	1,020	1.2	74.5	3.5	13.7	5	0.1	9	8	0.1	8	9	0.1	11
	Franklinville	1,268	1.5	75.0	3.5	16.9	13	0.2	23	5	0.1	7	11	0.1	18
	Freedom	2,603	3.1	73.4	3.4	35.5	14	0.2	21	8	0.1	14	9	0.1	19
	Great Valley	2,154	2.6	78.8	3.7	27.3	15	0.2	17	10	0.1	12	11	0.1	15
	Hindsdale	2,327	2.8	75.2	3.5	30.9	20	0.3	24	20	0.3	28	19	0.3	25
	Humphrey	727	0.9	55.1	2.6	13.2	4	0.1	6	7	0.1	9	2	<0.1	2
	Ischua	891	1.1	60.2	2.8	14.8	7	0.1	11	7	0.1	10	3	<0.1	4
	Leon	1,425	1.7	65.4	3.0	21.8	5	0.1	5	3	<0.1	5	9	0.1	15
	Little Valley	643	0.8	32.9	1.5	19.5	10	0.3	13	3	0.1	3	5	0.2	7
	Lyndon	662	0.8	55.7	2.6	11.9	1	<0.1	2	3	<0.1	3	1	<0.1	1
	Machias	2,437	2.9	76.8	3.6	31.7	11	0.1	14	10	0.1	15	7	0.1	8
	Mansfield	782	0.9	74.8	3.5	10.5	7	0.1	7	7	0.1	9	2	<0.1	3
	Napoli	1,151	1.4	58.3	2.7	19.7	6	0.1	6	2	<0.1	2	8	0.1	12
	New Albion	970	1.2	66.4	3.1	14.6	6	0.1	6	6	0.1	8	3	<0.1	4
	Olean	2,027	2.4	49.9	2.3	40.6	21	0.4	26	25	0.5	34	10	0.2	15
	Otto	846	1.0	47.4	2.2	17.8	1	<0.1	1	0	na	na	3	0.1	3
	Perrysburg	1,329	1.6	60.3	2.8	22.0	10	0.2	12	8	0.1	10	10	0.2	11
	Persia	522	0.6	26.8	1.2	19.5	6	0.2	7	2	0.1	2	5	0.2	8
	Portville	2,934	3.5	54.9	2.6	53.4	13	0.2	15	11	0.2	18	9	0.2	15
	Randolph	958	1.2	67.2	3.1	14.3	1	<0.1	1	8	0.1	10	3	<0.1	3
	Red House	37	<0.1	11.6	0.5	3.2	4	0.3	5	5	0.4	6	5	0.4	6
	Salamanca	538	0.6	24.3	1.1	22.1	3	0.1	4	1	<0.1	1	1	<0.1	1
	South Valley	316	0.4	41.5	1.9	7.6	2	<0.1	2	1	<0.1	1	1	<0.1	1
	Yorkshire	3,091	3.7	64.7	3.0	47.8	30	0.5	41	21	0.3	26	21	0.3	32

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

Cattaraugus 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	Allegheny	1,835	2.2	8.3	0.4	220.6	4	0.5	5	4	0.5	4	3	0.4	3
	Cattaraugus	1,043	1.3	8.2	0.4	127.7	2	0.2	2	1	0.1	1	0	na	na
	Delevan	1,060	1.3	6.3	0.3	167.5	2	0.3	3	4	0.6	5	4	0.6	5
	East Randolph	617	0.7	4.2	0.2	146.6	1	0.2	1	1	0.2	1	1	0.2	1
	Ellicottville	516	0.6	6.8	0.3	76.1	0	na	na	2	0.3	4	0	na	na
	Franklinville	1,802	2.2	8.4	0.4	214.8	1	0.1	2	0	na	na	2	0.2	3
	Gowanda (partial)	1,933	2.3	10.2	0.5	189.0	4	0.4	5	4	0.4	5	5	0.5	5
	Limestone	408	0.5	6.3	0.3	64.9	0	na	na	0	na	na	1	0.2	2
	Little Valley	1,103	1.3	7.3	0.3	151.5	2	0.3	7	4	0.5	6	2	0.3	3
	Perrysburg	398	0.5	3.0	0.1	133.6	0	na	na	0	na	na	1	0.3	3
	Portville	1,006	1.2	6.1	0.3	164.9	2	0.3	2	1	0.2	1	2	0.3	5
	Randolph	1,281	1.5	14.7	0.7	87.2	2	0.1	3	4	0.3	5	3	0.2	5
	South Dayton	646	0.8	6.9	0.3	93.6	4	0.6	4	0	na	na	1	0.1	1
Cities	Olean	14,972	18.0	70.8	3.3	211.5	108	1.5	133	101	1.4	122	77	1.1	98
	Salamanca	5,926	7.1	41.5	1.9	142.8	3	0.1	5	2	<0.1	4	4	0.1	4
Other	Native American Reservation	1,470	na	na	na	na	47	na	69	37	na	50	48	na	67
	unknown	na	na	na	na	na	5	na	6	1	na	1	1	na	1
Cattaraugus															
County Total		83,179		2146.2		38.8	497	0.2	648	448	0.2	576	426	0.2	590
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
Cattaraugus 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	86	8,873	1.0	73	8,613	0.8	84	8,461	1.0
Fatal Crashes	0	329	0.0	4	327	1.2	4	330	1.2
Non-Fatal Personal Injury Crashes	41	4,676	0.9	30	4,445	0.7	31	4,298	0.7
Reportable Property Damage Crashes	45	3,868	1.2	39	3,841	1.0	49	3,833	1.3
Manner of Collision									
Single Vehicle Crashes	65	4,843	1.3	58	4,798	1.2	63	4,646	1.4
Multiple Vehicle Crashes	21	4,030	0.5	15	3,815	0.4	21	3,815	0.6
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	1	432	0.2	2	408	0.5	0	460	0.0
A-R Bicycle/Motor Vehicle Crashes	1	118	0.8	0	100	0.0	0	105	0.0
A-R Motorcycle Crashes	3	191	1.6	2	227	0.9	3	204	1.5
Fatalities									
Persons Killed (1)	0	361	0.0	4	354	1.1	4	362	1.1
Drivers Killed	0	198	0.0	3	206	1.5	4	185	2.2
<i>Drinking Drivers</i>	0	175	0.0	3	191	1.6	4	170	2.4
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	0	64	0.0	1	64	1.6	0	73	0.0
Pedestrians Killed	0	91	0.0	0	79	0.0	0	91	0.0
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)	52	6,810	0.8	39	6,337	0.6	45	6,121	0.7
Drivers Injured	31	4,321	0.7	27	4,031	0.7	30	3,874	0.8
Passengers Injured	17	1,959	0.9	10	1,815	0.6	15	1,726	0.9
Pedestrians Injured	2	369	0.5	2	344	0.6	0	382	0.0
Bicyclists Injured	1	107	0.9	0	95	0.0	0	91	0.0
Other	1	54	1.9	0	52	0.0	0	48	0.0

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

General Notes

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

New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Crashes
Cattaraugus 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	84	40	2	7	35	0
Sunday	15	11	1	0	3	0
Monday	7	1	0	1	5	0
Tuesday	7	3	0	0	4	0
Wednesday	8	4	0	1	3	0
Thursday	8	1	0	2	5	0
Friday	15	8	0	1	6	0
Saturday	24	12	1	2	9	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	97	100.0	86	100.0	95	100.0
Male	74	76.3	57	66.3	72	75.8
<i>Drinking Drivers</i>	62	63.9	49	57.0	62	65.3
<i>Non-Drinking Drivers</i>	12	12.4	8	9.3	10	10.5
Female	23	23.7	28	32.6	23	24.2
<i>Drinking Drivers</i>	20	20.6	24	27.9	22	23.2
<i>Non-Drinking Drivers</i>	3	3.1	4	4.7	1	1.1
Unknown	0	0.0	1	1.2	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	1	1.2	0	0.0
Drinking Drivers	82	100.0	73	100.0	84	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	8.5	3	4.1	14	16.7
Ages 21-29	40	48.8	28	38.4	30	35.7
Ages 30-39	17	20.7	13	17.8	12	14.3
Ages 40-49	11	13.4	15	20.5	19	22.6
Ages 50-59	5	6.1	10	13.7	2	2.4
Age 60 and Over	1	1.2	4	5.5	7	8.3
Unknown Age	1	1.2	0	0.0	0	0.0
Non-Drinking Drivers	15	100.0	13	100.0	11	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	6.7	2	15.4	0	0.0
Ages 21-29	3	20.0	2	15.4	4	36.4
Ages 30-39	3	20.0	2	15.4	2	18.2
Ages 40-49	2	13.3	5	38.5	2	18.2
Ages 50-59	4	26.7	1	7.7	1	9.1
Age 60 and Over	2	13.3	0	0.0	2	18.2
Unknown Age	0	0.0	1	7.7	0	0.0

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

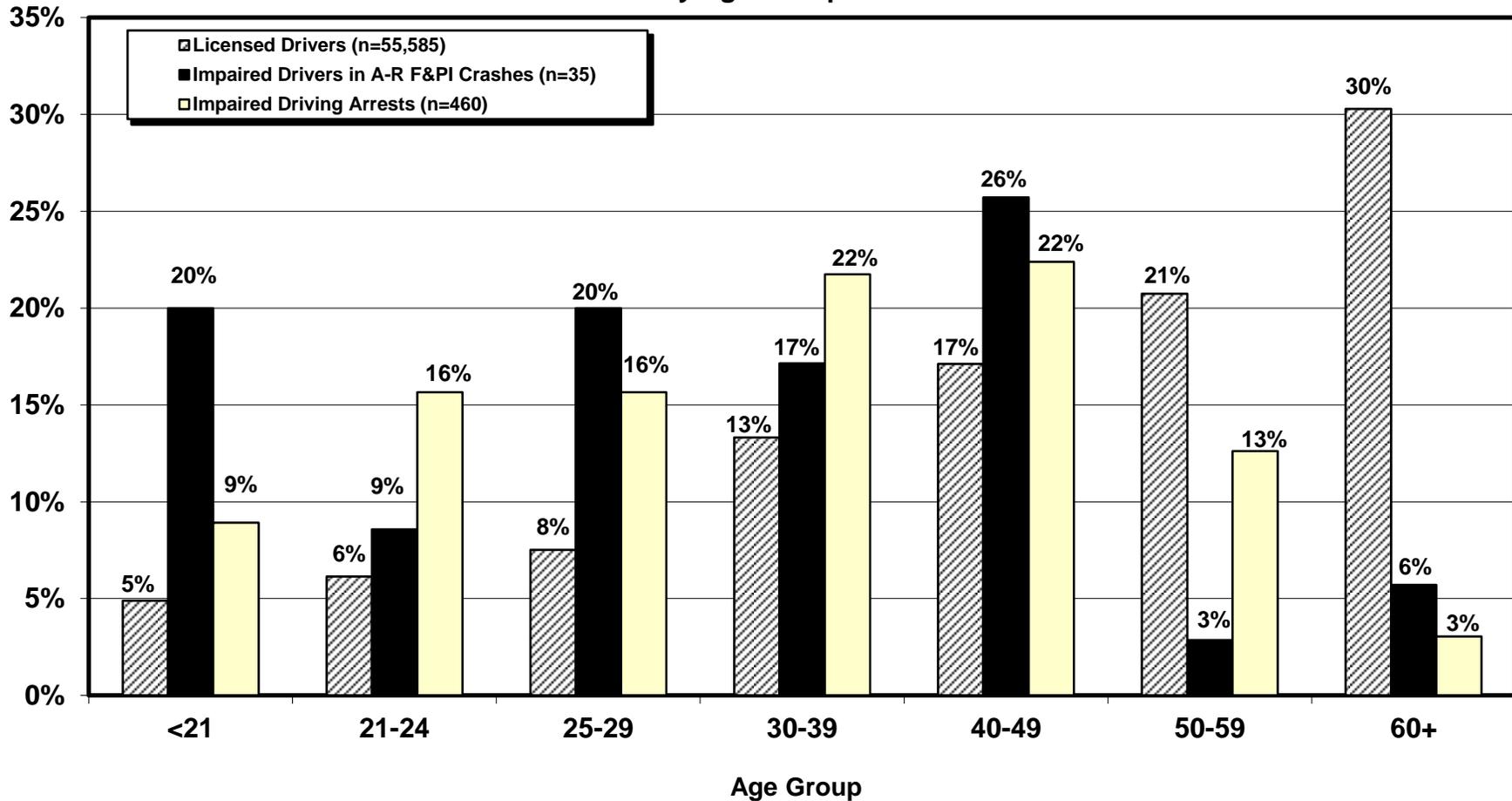
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	86		73		84	
Driver Inattention/Distracted	7	8.1	1	1.4	4	4.8
Failure to Keep Right	11	12.8	11	15.1	10	11.9
Failure to Yield R.O.W.	4	4.7	3	4.1	2	2.4
Fell Asleep	4	4.7	1	1.4	2	2.4
Following Too Closely	0	0.0	1	1.4	1	1.2
Passing/Lane Violations	8	9.3	7	9.6	11	13.1
Traffic Control Disregarded	3	3.5	4	5.5	2	2.4
Unsafe Speed	24	27.9	22	30.1	28	33.3

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	43	100.0	2	49	100.0	0
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	1	2.3	0	0	0.0	0
Ages 16-17	4	9.3	0	1	2.0	0
Ages 18-20	5	11.6	0	10	20.4	0
Ages 21-29	12	27.9	1	18	36.7	0
Ages 30-39	6	14.0	0	6	12.2	0
Ages 40-49	10	23.3	1	9	18.4	0
Ages 50-59	5	11.6	0	1	2.0	0
Ages 60-69	0	0.0	0	1	2.0	0
Ages 70 and Over	0	0.0	0	3	6.1	0
Unknown Age	0	0.0	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	45	100.0	39	100.0	46	100.0
No Restraint Used	11	24.4	13	33.3	16	34.8
Restraint Used	30	66.7	21	53.8	28	60.9
Unknown	4	8.9	5	12.8	2	4.3
Motorcyclists	3	100.0	2	100.0	3	100.0
No Helmet Used	1	33.3	0	0.0	1	33.3
Helmet Used	2	66.7	1	50.0	2	66.7
Unknown	0	0.0	1	50.0	0	0.0
Bicyclists	1	100.0	0	0.0	0	0.0
No Helmet Used	1	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	0	0.0

FIGURE 1
Cattaraugus 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**

Cattaraugus 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	237	28,877	0.8	182	28,168	0.6	214	28,147	0.8
Fatal Crashes	3	314	1.0	6	289	2.1	7	284	2.5
Non-Fatal Personal Injury Crashes	110	13,202	0.8	72	12,846	0.6	92	12,838	0.7
Reportable Property Damage Crashes	124	15,361	0.8	104	15,033	0.7	115	15,025	0.8
Manner of Collision									
Single Vehicle Crashes	201	17,351	1.2	148	16,991	0.9	174	16,379	1.1
Multiple Vehicle Crashes	36	11,526	0.3	34	11,177	0.3	40	11,768	0.3
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	0	382	0.0	1	411	0.2	2	488	0.4
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	0	130	0.0	0	133	0.0
S-R Motorcycle Crashes	6	755	0.8	5	846	0.6	5	808	0.6
Fatalities									
Persons Killed (1)	3	357	0.8	6	319	1.9	7	319	2.2
Drivers Killed	3	237	1.3	5	231	2.2	7	211	3.3
<i>Speeding Drivers</i>	3	211	1.4	5	220	2.3	6	195	3.1
<i>Non-Speeding Drivers</i>	0	26	0.0	0	11	0.0	1	16	6.3
Passengers Killed	0	87	0.0	1	70	1.4	0	91	0.0
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)	155	19,326	0.8	101	18,910	0.5	130	18,843	0.7
Drivers Injured	95	12,890	0.7	65	12,556	0.5	75	12,382	0.6
Passengers Injured	60	5,853	1.0	35	5,723	0.6	51	5,730	0.9
Pedestrians Injured	0	386	0.0	1	422	0.2	4	514	0.8
Bicyclists Injured	0	121	0.0	0	128	0.0	0	130	0.0
Other	0	76	0.0	0	81	0.0	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
Cattaraugus County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	214	39	54	65	55	1
Sunday	35	11	7	8	9	0
Monday	16	1	5	4	6	0
Tuesday	27	8	1	9	9	0
Wednesday	38	3	12	13	10	0
Thursday	21	3	3	6	9	0
Friday	35	5	15	9	5	1
Saturday	42	8	11	16	7	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	266	100.0	208	100.0	245	100.0
Male	159	59.8	128	61.5	157	64.1
<i>Speeding Drivers</i>	138	51.9	109	52.4	133	54.3
<i>Non-Speeding Drivers</i>	21	7.9	19	9.1	24	9.8
Female	103	38.7	79	38.0	86	35.1
<i>Speeding Drivers</i>	93	35.0	66	31.7	78	31.8
<i>Non-Speeding Drivers</i>	10	3.8	13	6.3	8	3.3
Unknown	4	1.5	1	0.5	2	0.8
<i>Speeding Drivers</i>	2	0.8	1	0.5	0	0.0
<i>Non-Speeding Drivers</i>	2	0.8	0	0.0	2	0.8
Speeding Drivers	233	100.0	176	100.0	211	100.0
Under Age 16	0	0.0	1	0.6	1	0.5
Ages 16-20	45	19.3	44	25.0	44	20.9
Ages 21-29	86	36.9	47	26.7	63	29.9
Ages 30-39	28	12.0	22	12.5	21	10.0
Ages 40-49	35	15.0	25	14.2	39	18.5
Ages 50-59	20	8.6	22	12.5	26	12.3
Age 60 and Over	16	6.9	14	8.0	17	8.1
Unknown Age	3	1.3	1	0.6	0	0.0
Non-Speeding Drivers	33	100.0	32	100.0	34	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	6.1	2	6.3	2	5.9
Ages 21-29	8	24.2	2	6.3	3	8.8
Ages 30-39	8	24.2	4	12.5	6	17.6
Ages 40-49	6	18.2	5	15.6	9	26.5
Ages 50-59	5	15.2	8	25.0	10	29.4
Age 60 and Over	2	6.1	11	34.4	2	5.9
Unknown Age	2	6.1	0	0.0	2	5.9

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	237		182		214	
Alcohol Involvement	30	12.7	22	12.1	26	12.1
Driver Inattention/Distraction	6	2.5	9	4.9	12	5.6
Driver Inexperience	6	2.5	1	0.5	3	1.4
Failure to Keep Right	13	5.5	12	6.6	13	6.1
Failure to Yield R.O.W.	2	0.8	0	0.0	5	2.3
Following Too Closely	3	1.3	1	0.5	4	1.9
Passing/Lane Violations	12	5.1	7	3.8	13	6.1
Traffic Control Disregarded	2	0.8	4	2.2	1	0.5

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	107	100.0	1	137	100.0	4
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	1	0.9	0	1	0.7	0
Ages 7-15	3	2.8	0	8	5.8	0
Ages 16-17	11	10.3	0	6	4.4	0
Ages 18-20	20	18.7	0	24	17.5	0
Ages 21-29	21	19.6	0	34	24.8	3
Ages 30-39	12	11.2	1	12	8.8	1
Ages 40-49	18	16.8	0	22	16.1	0
Ages 50-59	11	10.3	0	15	10.9	0
Ages 60-69	5	4.7	0	7	5.1	0
Ages 70 and Over	2	1.9	0	8	5.8	0
Unknown Age	3	2.8	0	0	0.0	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	151	100.0	101	100.0	128	100.0
No Restraint Used	21	13.9	21	20.8	32	25.0
Restraint Used	128	84.8	77	76.2	94	73.4
Unknown	2	1.3	3	3.0	2	1.6
Motorcyclists	7	100.0	5	100.0	5	100.0
No Helmet Used	0	0.0	0	0.0	3	60.0
Helmet Used	7	100.0	4	80.0	2	40.0
Unknown	0	0.0	1	20.0	0	0.0
Bicyclists	0	0.0	0	0.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

SECTION 4

Motorcycle Crash Summary Report

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

Cattaraugus 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	46	5,150	0.9	56	5,570	1.0	52	5,336	1.0
Fatal Crashes	1	152	0.7	7	180	3.9	3	168	1.8
Non-Fatal Personal Injury Crashes	40	4,347	0.9	41	4,757	0.9	47	4,550	1.0
Reportable Property Damage Crashes	5	651	0.8	8	633	1.3	2	618	0.3
Manner of Collision									
Single Motorcycle Crashes	29	2,270	1.3	45	2,426	1.9	45	2,408	1.9
Multiple Vehicle Crashes	17	2,880	0.6	11	3,144	0.3	7	2,928	0.2
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	63	0.0	0	79	0.0	0	64	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	1	28	3.6	0	27	0.0
Fatalities									
Persons Killed (1)	1	155	0.6	7	185	3.8	3	171	1.8
Drivers Killed	1	146	0.7	6	173	3.5	3	162	1.9
<i>Motorcycle Operators</i>	1	146	0.7	6	172	3.5	3	162	1.9
<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)	43	5,042	0.9	49	5,468	0.9	50	5,180	1.0
Drivers Injured	39	4,444	0.9	41	4,819	0.9	45	4,604	1.0
Passengers Injured	4	505	0.8	6	520	1.2	5	485	1.0
Pedestrians Injured	0	61	0.0	0	85	0.0	0	59	0.0
Bicyclists Injured	0	24	0.0	1	27	3.7	0	22	0.0
Other	0	8	0.0	1	17	5.9	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
Cattaraugus 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	52	6	9	22	15	0
Sunday	9	1	1	4	3	0
Monday	6	0	1	3	2	0
Tuesday	6	3	0	2	1	0
Wednesday	7	0	3	2	2	0
Thursday	5	0	1	2	2	0
Friday	8	1	2	4	1	0
Saturday	11	1	1	5	4	0

TABLE 3 Motorcycle Operator Gender and Age

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	47	100.0	54	100.0	53	100.0
Male	41	87.2	49	90.7	46	86.8
Female	6	12.8	5	9.3	7	13.2
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	6	12.8	2	3.7	3	5.7
Ages 21-29	10	21.3	12	22.2	7	13.2
Ages 30-39	6	12.8	6	11.1	5	9.4
Ages 40-49	12	25.5	18	33.3	12	22.6
Ages 50-59	8	17.0	13	24.1	16	30.2
Ages 60 and Over	5	10.6	3	5.6	10	18.9
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	41		49		51	
Alcohol Involvement	3	7.3	1	2.0	2	3.9
Driver Inattention/Distraction	4	9.8	7	14.3	6	11.8
Driver Inexperience	7	17.1	4	8.2	5	9.8
Failure to Keep Right	1	2.4	2	4.1	2	3.9
Failure to Yield R.O.W.	7	17.1	2	4.1	4	7.8
Following Too Closely	3	7.3	1	2.0	1	2.0
Passing/Lane Violations	4	9.8	3	6.1	3	5.9
Traffic Control Disregarded	0	0.0	1	2.0	0	0.0
Turning Improperly	0	0.0	1	2.0	2	3.9
Unsafe Speed	6	14.6	5	10.2	5	9.8

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	44	100.0	55	100.0	53	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	1	2.3	1	1.8	0	0.0
Ages 16-17	1	2.3	0	0.0	1	1.9
Ages 18-20	5	11.4	2	3.6	3	5.7
Ages 21-29	8	18.2	11	20.0	6	11.3
Ages 30-39	5	11.4	6	10.9	6	11.3
Ages 40-49	11	25.0	18	32.7	13	24.5
Ages 50-59	8	18.2	14	25.5	15	28.3
Ages 60-69	5	11.4	3	5.5	6	11.3
Ages 70 and Over	0	0.0	0	0.0	3	5.7
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2009		2010		2011	
	#	%	#	%	#	%
Motorcyclists	40	100.0	52	100.0	52	100.0
No Helmet Used	2	5.0	0	0.0	4	7.7
Helmet Used	37	92.5	47	90.4	44	84.6
Unknown	1	2.5	5	9.6	4	7.7

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	3,157	1.0	6,614	1.1
2008	3,572	1.1	6,839	1.1
2009	3,678	1.1	6,953	1.1
2010	3,832	1.1	7,031	1.1
2011	3,875	1.1	7,039	1.0

SECTION 5

Ticket Data

CATTARAUGUS COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	20,793	22,387	21,544
SPEED (V&T 1180)	5,455	6,252	6,111
% of total tickets	26.2%	27.9%	28.4%
% convicted on same charge (of adjudicated cases)	61.7%	56.7%	50.5%
SAFETY RESTRAINTS (V&T 1229c)	1,736	1,896	1,886
% of total tickets	8.3%	8.5%	8.8%
% convicted on same charge (of adjudicated cases)	89.7%	83.4%	81.2%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	110	174	117
IMPAIRED DRIVING (V&T 1192)	927	815	912
% of total tickets	4.5%	3.6%	4.2%
Persons Arrested for Impaired Driving	(N=478)	(N=415)	(N=460)
Case adjudicated	88.7%	85.3%	84.8%
Case pending	11.3%	14.7%	15.2%
Adjudicated Cases*	(N=424)	(N=354)	(N=390)
Convicted on original 1192 charge	44.3%	49.7%	42.3%
Convicted on other 1192 charge	46.7%	42.9%	50.0%
Convicted on non-1192 charge	2.4%	0.6%	0.8%
Dismissed/Acquitted/Convicted on charge associated with different event	6.6%	6.8%	6.9%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYSDMV TSLED ticket system.

CATTARAUGUS COUNTY

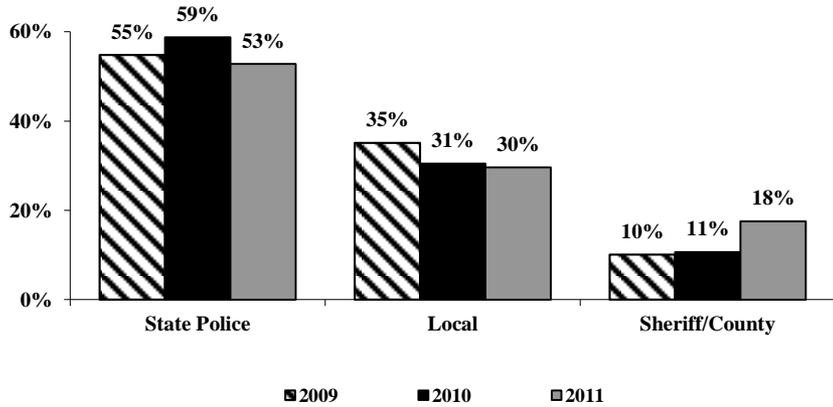
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	77	70	92
Number of Persons on Probation	228	217	238

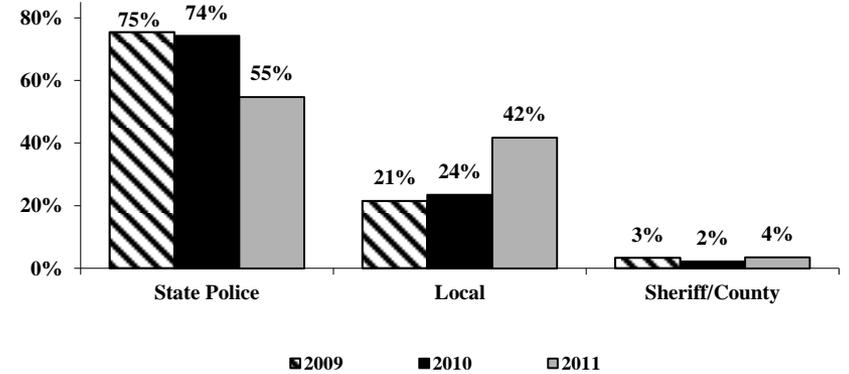
Source: NYS Division of Probation and Correctional Alternatives.

Cattaraugus County Tickets Issued by TSLED Agencies By Agency Type

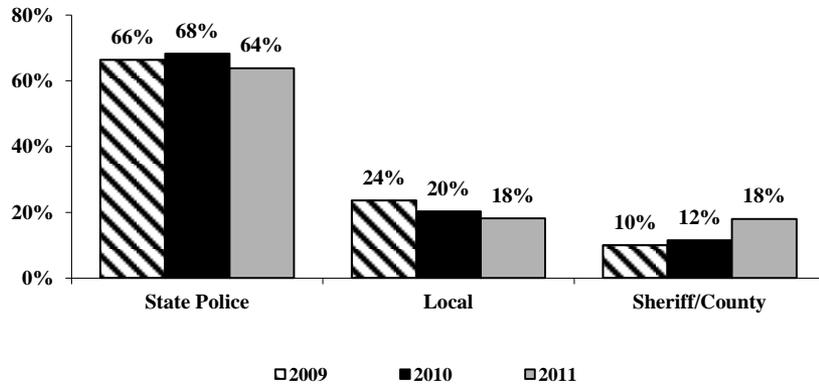
All Tickets



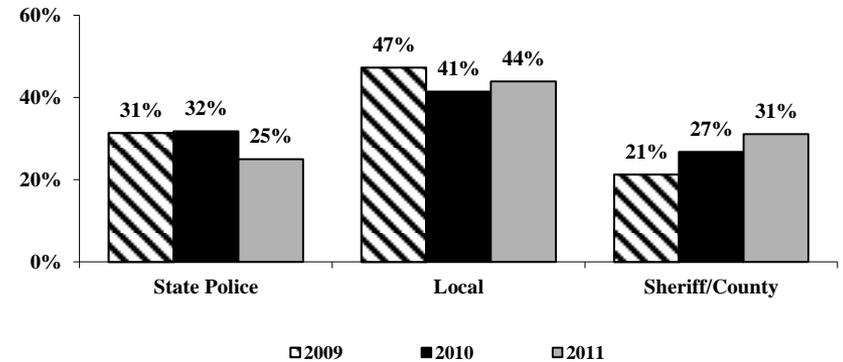
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



CATTARAUGUS 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
Cattaraugus Sheriff NCIC 00400	alcohol	186	32.5	20.1	211	40.0	25.9	266	40.4	29.2
	speed	546	33.3	10.0	719	39.7	11.5	1,101	53.5	18.0
	seatbelt	57	15.5	3.3	42	10.7	2.2	67	11.9	3.6
Olean P.D. NCIC 00401	alcohol	124	21.6	13.4	136	25.8	16.7	178	27.1	19.5
	speed	132	8.0	2.4	150	8.3	2.4	133	6.5	2.2
	seatbelt	109	29.7	6.3	213	54.1	11.2	384	68.2	20.4
Village of Allegany P.D. NCIC 00420	alcohol	10	1.7	1.1	11	2.1	1.3	4	0.6	0.4
	speed	27	1.6	0.5	106	5.8	1.7	93	4.5	1.5
	seatbelt	2	0.5	0.1	28	7.1	1.5	26	4.6	1.4
Ellicottville P.D. NCIC 00423	alcohol	48	8.4	5.2	12	2.3	1.5	24	3.6	2.6
	speed	289	17.6	5.3	176	9.7	2.8	115	5.6	1.9
	seatbelt	23	6.3	1.3	37	9.4	2.0	7	1.2	0.4
Franklinville Village P.D. NCIC 00424	alcohol	4	0.7	0.4	8	1.5	1.0	3	0.5	0.3
	speed	104	6.3	1.9	218	12.0	3.5	181	8.8	3.0
	seatbelt	8	2.2	0.5	13	3.3	0.7	1	0.2	0.1
Village of Cattaraugus P.D. NCIC 00426	alcohol	3	0.5	0.3	2	0.4	0.2	3	0.5	0.3
	speed	49	3.0	0.9	60	3.3	1.0	43	2.1	0.7
	seatbelt	2	0.5	0.1	2	0.5	0.1	5	0.9	0.3
Village of Portville P.D. NCIC 00428	alcohol	8	1.4	0.9	13	2.5	1.6	14	2.1	1.5
	speed	38	2.3	0.7	30	1.7	0.5	60	2.9	1.0
	seatbelt	9	2.5	0.5	4	1.0	0.2	8	1.4	0.4
Salamanca P.D. NCIC 00433	alcohol	190	33.2	20.5	134	25.4	16.4	166	25.2	18.2
	speed	455	27.7	8.3	353	19.5	5.6	332	16.1	5.4
	seatbelt	157	42.8	9.0	55	14.0	2.9	65	11.5	3.4
Totals by Agency Type										
Sheriff and Local	alcohol	573		61.8	527		64.7	658		72.1
	speed	1,640		30.1	1,812		29.0	2,058		33.7
	seatbelt	367		21.1	394		20.8	563		29.9
State Police	alcohol	293		31.6	254		31.2	227		24.9
	speed	3,623		66.4	4,267		68.3	3,900		63.8
	seatbelt	1,307		75.3	1,408		74.3	1,032		54.7
Other <i>incl. Park Police</i>	alcohol	61		6.6	34		4.2	27		3.0
	speed	192		3.5	173		2.8	153		2.5
	seatbelt	62		3.6	94		5.0	291		15.4
County Totals										
	alcohol	927			815			912		
	speed	5,455			6,252			6,111		
	seatbelt	1,736			1,896			1,886		

Source: NYS DMV

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