

BROOME 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
Broome 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	4,058	314,974	1.3	3,842	315,377	1.2	4,196	307,550	1.4
Fatal Crashes	8	1,060	0.8	13	1,119	1.2	17	1,077	1.6
Non-Fatal Personal Injury Crashes	1,248	133,888	0.9	1,250	134,151	0.9	1,264	128,036	1.0
Reportable Property Damage Crashes	2,802	180,026	1.6	2,579	180,107	1.4	2,915	178,437	1.6
Manner of Collision									
Single Vehicle Crashes	1,736	101,080	1.7	1,598	101,471	1.6	1,768	98,836	1.8
Multiple Vehicle Crashes	2,322	213,894	1.1	2,244	213,906	1.0	2,428	208,714	1.2
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	89	15,682	0.6	107	16,357	0.7	101	15,928	0.6
Bicycle/Motor Vehicle Crashes	46	5,620	0.8	54	6,276	0.9	42	6,076	0.7
Motorcycle Crashes	65	5,150	1.3	67	5,570	1.2	89	5,336	1.7
Fatalities									
Persons Killed (1)	9	1,148	0.8	14	1,192	1.2	19	1,153	1.6
Drivers Killed	4	603	0.7	11	646	1.7	11	597	1.8
Passengers Killed	5	209	2.4	3	198	1.5	4	203	2.0
Pedestrians Killed	0	307	0.0	0	311	0.0	4	296	1.4
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)	1,600	186,034	0.9	1,569	187,566	0.8	1,634	177,445	0.9
Drivers Injured	1,061	112,855	0.9	1,052	112,104	0.9	1,054	106,335	1.0
Passengers Injured	401	51,499	0.8	357	52,421	0.7	443	48,677	0.9
Pedestrians Injured	87	15,321	0.6	106	16,090	0.7	93	15,689	0.6
Bicyclists Injured	46	5,405	0.9	52	6,058	0.9	40	5,883	0.7
Other	5	954	0.5	2	893	0.2	4	861	0.5

(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
Broome County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	208.50	191.53	210.82
Crash Rate per 10,000 Licensed Drivers	283.85	272.99	304.44
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	82.67	78.91	83.05
Fatality & Injury Rate per 10,000 Licensed Drivers	112.55	112.48	119.93

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	4,196	404	1,036	1,687	899	170
Sunday	503	84	90	184	128	17
Monday	534	31	162	212	109	20
Tuesday	650	39	167	290	121	33
Wednesday	624	46	164	256	139	19
Thursday	607	48	148	240	143	28
Friday	757	77	207	311	134	28
Saturday	521	79	98	194	125	25

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	3,539	100.0	3,362	100.0	3,686	100.0
State Police	1,034	29.2	916	27.2	1,014	27.5
County Police	988	27.9	940	28.0	1,005	27.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	1,516	42.8	1,506	44.8	1,666	45.2
Unknown	1	<0.1	0	0.0	1	<0.1

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

Broome 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	6,247	100.0	5,948	100.0	6,460	100.0
Male	3,286	52.6	3,124	52.5	3,487	54.0
Female	2,655	42.5	2,565	43.1	2,690	41.6
Unknown	306	4.9	259	4.4	283	4.4
Age						
Under Age 16	1	<0.1	0	0.0	0	0.0
Ages 16-20	866	13.9	763	12.8	752	11.6
Ages 21-29	1,330	21.3	1,272	21.4	1,334	20.7
Ages 30-39	919	14.7	826	13.9	893	13.8
Ages 40-49	938	15.0	928	15.6	1,024	15.9
Ages 50-59	865	13.8	897	15.1	1,016	15.7
Ages 60-69	522	8.4	530	8.9	592	9.2
Ages 70 and Over	494	7.9	460	7.7	555	8.6
Unknown Age	312	5.0	272	4.6	294	4.6

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	3,539		3,362		3,686	
Alcohol Involvement*	153	4.3	165	4.9	141	3.8
Backing Unsafely	136	3.8	155	4.6	171	4.6
Driver Inattention/Distraction	818	23.1	786	23.4	854	23.2
Driver Inexperience	82	2.3	79	2.3	67	1.8
Failure to Keep Right	94	2.7	105	3.1	98	2.7
Failure to Yield R.O.W.	440	12.4	401	11.9	453	12.3
Following Too Closely	550	15.5	512	15.2	535	14.5
Passing/Lane Violations	360	10.2	387	11.5	464	12.6
Traffic Control Disregarded	134	3.8	130	3.9	170	4.6
Turning Improperly	112	3.2	85	2.5	97	2.6
Unsafe Speed*	420	11.9	324	9.6	402	10.9

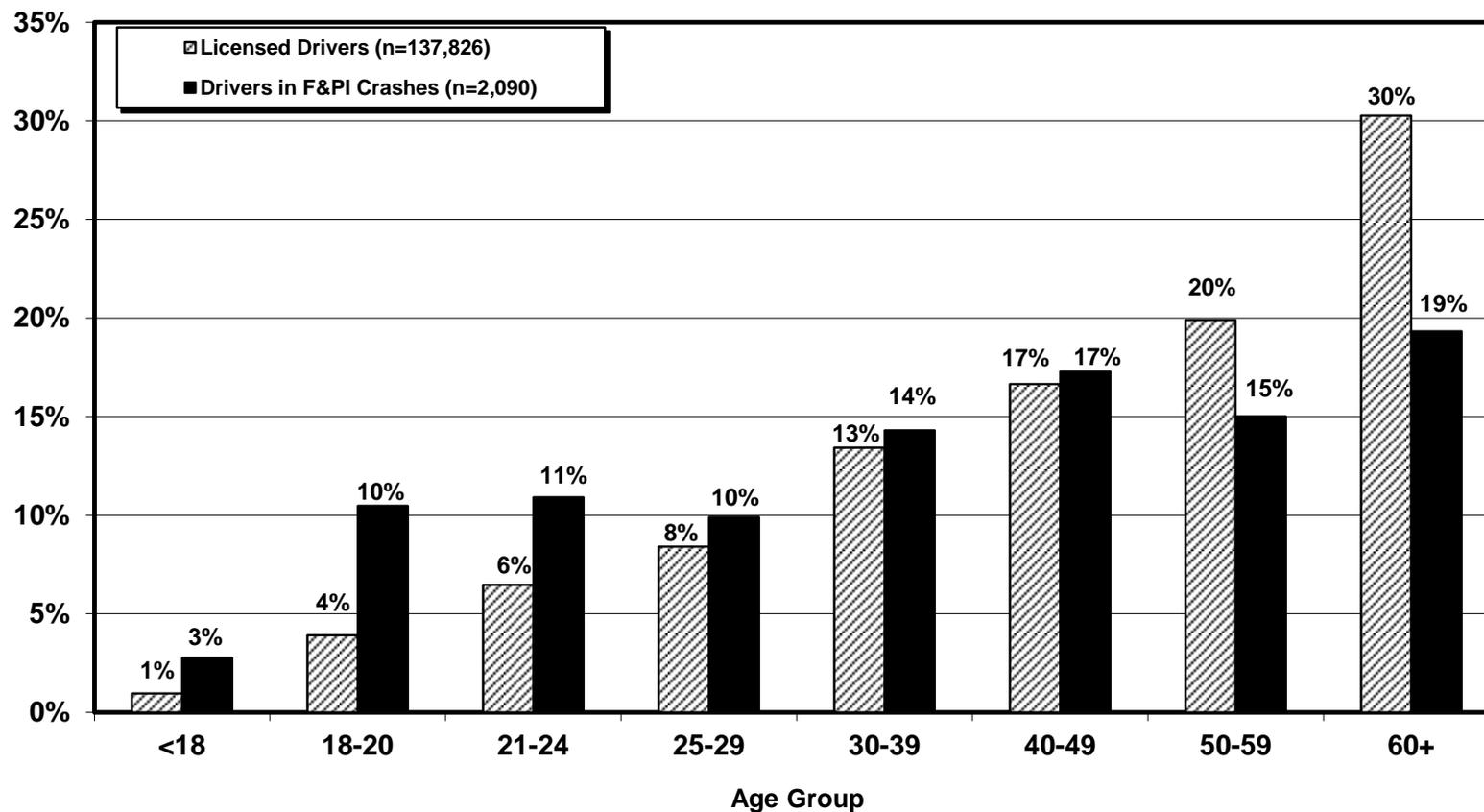
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data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

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	1,583	100.0	158	1,653	100.0	137
Under Age 4	13	0.8	2	19	1.1	0
Ages 4-6	8	0.5	1	15	0.9	1
Ages 7-15	95	6.0	31	85	5.1	25
Ages 16-17	49	3.1	8	61	3.7	8
Ages 18-20	147	9.3	17	178	10.8	15
Ages 21-29	332	21.0	30	322	19.5	17
Ages 30-39	209	13.2	14	213	12.9	10
Ages 40-49	241	15.2	20	242	14.6	13
Ages 50-59	233	14.7	11	222	13.4	17
Ages 60-69	107	6.8	8	127	7.7	8
Ages 70 and Over	119	7.5	7	129	7.8	7
Unknown Age	30	1.9	9	40	2.4	16

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	1,362	100.0	1,306	100.0	1,396	100.0
No Restraint Used	74	5.4	85	6.5	106	7.6
Restraint Used	1,246	91.5	1,169	89.5	1,236	88.5
Unknown	42	3.1	52	4.0	54	3.9
Motorcyclists	58	100.0	70	100.0	74	100.0
No Helmet Used	4	6.9	4	5.7	10	13.5
Helmet Used	49	84.5	62	88.6	60	81.1
Unknown	5	8.6	4	5.7	4	5.4
Bicyclists	46	100.0	51	100.0	38	100.0
No Helmet Used	22	47.8	30	58.8	26	68.4
Helmet Used	8	17.4	8	15.7	5	13.2
Unknown	16	34.8	13	25.5	7	18.4

FIGURE 1
Broome 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. 57 drivers in fatal and personal injury crashes were excluded due to unknown age.

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Broome 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	Barker	2,679	1.4	85.6	4.3	31.3	28	0.3	30	21	0.2	27	23	0.3	37
	Binghamton	4,961	2.5	72.6	3.7	68.3	28	0.4	32	18	0.2	22	11	0.2	15
	Chenango	11,342	5.7	107.3	5.4	105.7	74	0.7	89	75	0.7	99	66	0.6	97
	Colesville	5,438	2.8	165.8	8.4	32.8	27	0.2	42	38	0.2	56	40	0.2	58
	Conklin	5,873	3.0	71.7	3.6	81.9	22	0.3	31	30	0.4	37	21	0.3	25
	Dickinson	3,559	1.8	22.1	1.1	161.0	43	1.9	51	34	1.5	42	46	2.1	67
	Fenton	6,807	3.4	90.5	4.6	75.2	24	0.3	32	27	0.3	34	34	0.4	48
	Kirkwood	5,677	2.9	92.4	4.7	61.4	53	0.6	72	68	0.7	91	64	0.7	81
	Lisle	2,381	1.2	86.8	4.4	27.4	16	0.2	26	12	0.1	21	8	0.1	10
	Maine	5,400	2.7	102.5	5.2	52.7	34	0.3	53	44	0.4	58	39	0.4	52
	Nanticoke	1,768	0.9	43.6	2.2	40.6	8	0.2	8	5	0.1	7	7	0.2	7
	Sanford	1,649	0.8	150.9	7.6	10.9	11	0.1	12	11	0.1	13	11	0.1	12
	Triangle	2,080	1.1	64.1	3.2	32.4	12	0.2	16	11	0.2	16	12	0.2	12
	Union	27,284	13.8	156.3	7.9	174.6	102	0.7	127	82	0.5	94	104	0.7	127
	Vestal	27,055	13.7	185.1	9.4	146.2	186	1.0	253	190	1.0	252	172	0.9	226
	Windsor	5,478	2.8	168.2	8.5	32.6	23	0.1	33	36	0.2	42	28	0.2	36
Villages	Deposit (partial)	810	0.4	6.5	0.3	124.6	2	0.3	2	0	na	na	0	na	na
	Endicott	12,749	6.4	46.2	2.3	276.0	124	2.7	172	101	2.2	128	109	2.4	133
	Johnson City	15,084	7.6	55.8	2.8	270.3	102	1.8	125	105	1.9	122	106	1.9	138
	Lisle	293	0.1	4.2	0.2	69.8	0	na	na	3	0.7	3	3	0.7	3
	Port Dickinson	1,640	0.8	7.0	0.4	234.3	2	0.3	2	3	0.4	3	3	0.4	3
	Whitney Point	946	0.5	9.0	0.5	105.1	12	1.3	14	3	0.3	4	8	0.9	9
	Windsor	879	0.4	7.6	0.4	115.7	2	0.3	3	4	0.5	4	7	0.9	15
City	Binghamton	45,864	23.2	176.1	8.9	260.4	316	1.8	379	338	1.9	404	354	2.0	436
Other	unknown	na	na	na	na	na	5	na	5	4	na	4	5	na	6
Broome County Total		197,696		1977.7		100.0	1,256	0.6	1,609	1,263	0.6	1,583	1,281	0.6	1,653
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**

Broome 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	164	8,873	1.8	170	8,613	2.0	152	8,461	1.8
Fatal Crashes	4	329	1.2	2	327	0.6	4	330	1.2
Non-Fatal Personal Injury Crashes	69	4,676	1.5	73	4,445	1.6	66	4,298	1.5
Reportable Property Damage Crashes	91	3,868	2.4	95	3,841	2.5	82	3,833	2.1
Manner of Collision									
Single Vehicle Crashes	102	4,843	2.1	109	4,798	2.3	95	4,646	2.0
Multiple Vehicle Crashes	62	4,030	1.5	61	3,815	1.6	57	3,815	1.5
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	4	432	0.9	4	408	1.0	8	460	1.7
A-R Bicycle/Motor Vehicle Crashes	1	118	0.8	0	100	0.0	2	105	1.9
A-R Motorcycle Crashes	2	191	1.0	2	227	0.9	6	204	2.9
Fatalities									
Persons Killed (1)	4	361	1.1	2	354	0.6	6	362	1.7
Drivers Killed	3	198	1.5	2	206	1.0	3	185	1.6
<i>Drinking Drivers</i>	3	175	1.7	2	191	1.0	3	170	1.8
<i>Non-Drinking Drivers</i>	0	23	0.0	0	15	0.0	0	15	0.0
Passengers Killed	1	64	1.6	0	64	0.0	3	73	4.1
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)	93	6,810	1.4	90	6,337	1.4	81	6,121	1.3
Drivers Injured	58	4,321	1.3	72	4,031	1.8	50	3,874	1.3
Passengers Injured	30	1,959	1.5	13	1,815	0.7	21	1,726	1.2
Pedestrians Injured	4	369	1.1	4	344	1.2	8	382	2.1
Bicyclists Injured	1	107	0.9	0	95	0.0	2	91	2.2
Other	0	54	0.0	1	52	1.9	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
Broome 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	152	66	9	19	58	0
Sunday	27	15	2	4	6	0
Monday	15	4	1	1	9	0
Tuesday	12	4	1	2	5	0
Wednesday	16	5	2	1	8	0
Thursday	18	4	0	4	10	0
Friday	30	14	2	3	11	0
Saturday	34	20	1	4	9	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	207	100.0	216	100.0	189	100.0
Male	155	74.9	150	69.4	132	69.8
<i>Drinking Drivers</i>	127	61.4	121	56.0	103	54.5
<i>Non-Drinking Drivers</i>	28	13.5	29	13.4	29	15.3
Female	47	22.7	60	27.8	54	28.6
<i>Drinking Drivers</i>	32	15.5	43	19.9	37	19.6
<i>Non-Drinking Drivers</i>	15	7.2	17	7.9	17	9.0
Unknown	5	2.4	6	2.8	3	1.6
<i>Drinking Drivers</i>	0	0.0	1	0.5	3	1.6
<i>Non-Drinking Drivers</i>	5	2.4	5	2.3	0	0.0
Drinking Drivers	159	100.0	165	100.0	143	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	18	11.3	8	4.8	11	7.7
Ages 21-29	52	32.7	61	37.0	58	40.6
Ages 30-39	41	25.8	30	18.2	25	17.5
Ages 40-49	22	13.8	32	19.4	22	15.4
Ages 50-59	19	11.9	24	14.5	16	11.2
Age 60 and Over	7	4.4	9	5.5	8	5.6
Unknown Age	0	0.0	1	0.6	3	2.1
Non-Drinking Drivers	48	100.0	51	100.0	46	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	2.1	6	11.8	4	8.7
Ages 21-29	13	27.1	14	27.5	12	26.1
Ages 30-39	10	20.8	6	11.8	9	19.6
Ages 40-49	5	10.4	6	11.8	4	8.7
Ages 50-59	8	16.7	11	21.6	10	21.7
Age 60 and Over	6	12.5	3	5.9	7	15.2
Unknown Age	5	10.4	5	9.8	0	0.0

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

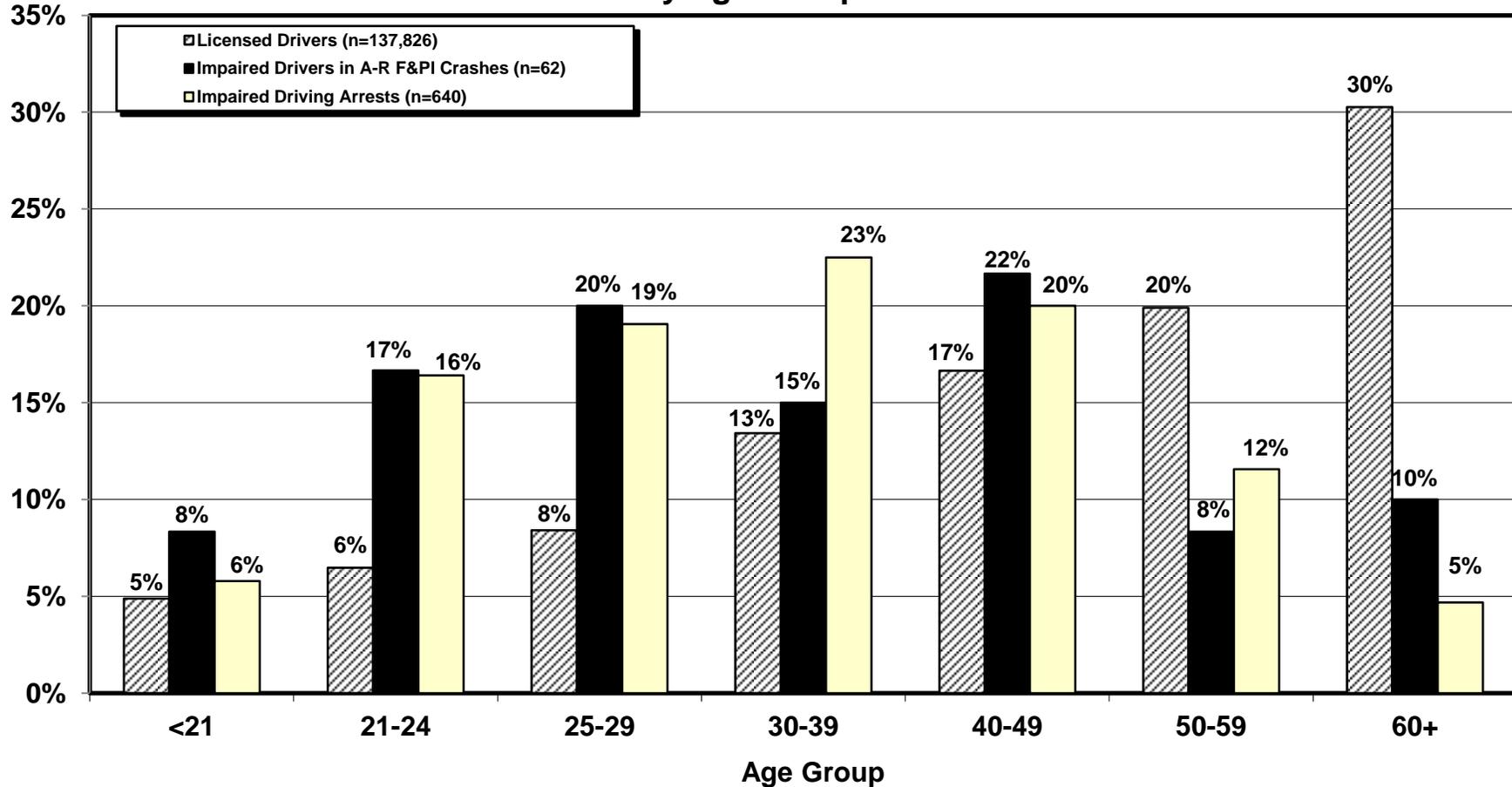
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	164		170		152	
Driver Inattention/Distracted	15	9.1	10	5.9	12	7.9
Failure to Keep Right	17	10.4	23	13.5	18	11.8
Failure to Yield R.O.W.	5	3.0	10	5.9	10	6.6
Fell Asleep	0	0.0	5	2.9	1	0.7
Following Too Closely	10	6.1	6	3.5	5	3.3
Passing/Lane Violations	29	17.7	33	19.4	43	28.3
Traffic Control Disregarded	5	3.0	3	1.8	3	2.0
Unsafe Speed	28	17.1	27	15.9	28	18.4

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	92	100.0	4	87	100.0	10
Under Age 4	0	0.0	0	2	2.3	0
Ages 4-6	1	1.1	0	1	1.1	0
Ages 7-15	2	2.2	0	1	1.1	0
Ages 16-17	1	1.1	0	1	1.1	0
Ages 18-20	5	5.4	0	7	8.0	1
Ages 21-29	33	35.9	1	32	36.8	3
Ages 30-39	16	17.4	3	10	11.5	0
Ages 40-49	13	14.1	0	11	12.6	1
Ages 50-59	18	19.6	0	16	18.4	5
Ages 60-69	2	2.2	0	5	5.7	0
Ages 70 and Over	1	1.1	0	0	0.0	0
Unknown Age	0	0.0	0	1	1.1	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	90	100.0	86	100.0	70	100.0
No Restraint Used	17	18.9	18	20.9	16	22.9
Restraint Used	70	77.8	62	72.1	45	64.3
Unknown	3	3.3	6	7.0	9	12.9
Motorcyclists	2	100.0	1	100.0	7	100.0
No Helmet Used	0	0.0	0	0.0	1	14.3
Helmet Used	2	100.0	1	100.0	6	85.7
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	0	0.0	2	100.0
No Helmet Used	1	100.0	0	0.0	2	100.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0

FIGURE 1
Broome 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**

Broome 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	427	28,877	1.5	340	28,168	1.2	420	28,147	1.5
Fatal Crashes	4	314	1.3	4	289	1.4	3	284	1.1
Non-Fatal Personal Injury Crashes	155	13,202	1.2	139	12,846	1.1	131	12,838	1.0
Reportable Property Damage Crashes	268	15,361	1.7	197	15,033	1.3	286	15,025	1.9
Manner of Collision									
Single Vehicle Crashes	322	17,351	1.9	263	16,991	1.5	319	16,379	1.9
Multiple Vehicle Crashes	105	11,526	0.9	77	11,177	0.7	101	11,768	0.9
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	2	382	0.5	4	411	1.0	3	488	0.6
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	1	130	0.8	2	133	1.5
S-R Motorcycle Crashes	6	755	0.8	9	846	1.1	10	808	1.2
Fatalities									
Persons Killed (1)	5	357	1.4	4	319	1.3	3	319	0.9
Drivers Killed	2	237	0.8	3	231	1.3	3	211	1.4
<i>Speeding Drivers</i>	1	211	0.5	3	220	1.4	3	195	1.5
<i>Non-Speeding Drivers</i>	1	26	3.8	0	11	0.0	0	16	0.0
Passengers Killed	3	87	3.4	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)	214	19,326	1.1	177	18,910	0.9	189	18,843	1.0
Drivers Injured	142	12,890	1.1	128	12,556	1.0	111	12,382	0.9
Passengers Injured	69	5,853	1.2	43	5,723	0.8	72	5,730	1.3
Pedestrians Injured	2	386	0.5	4	422	0.9	4	514	0.8
Bicyclists Injured	0	121	0.0	1	128	0.8	2	130	1.5
Other	1	76	1.3	1	81	1.2	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
Broome County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	420	74	120	131	95	0
Sunday	81	18	18	27	18	0
Monday	43	5	17	9	12	0
Tuesday	58	7	20	16	15	0
Wednesday	64	8	18	24	14	0
Thursday	38	9	8	8	13	0
Friday	82	13	28	31	10	0
Saturday	54	14	11	16	13	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	535	100.0	412	100.0	513	100.0
Male	329	61.5	270	65.5	345	67.3
<i>Speeding Drivers</i>	267	49.9	222	53.9	285	55.6
<i>Non-Speeding Drivers</i>	62	11.6	48	11.7	60	11.7
Female	198	37.0	138	33.5	160	31.2
<i>Speeding Drivers</i>	152	28.4	112	27.2	128	25.0
<i>Non-Speeding Drivers</i>	46	8.6	26	6.3	32	6.2
Unknown	8	1.5	4	1.0	8	1.6
<i>Speeding Drivers</i>	7	1.3	2	0.5	4	0.8
<i>Non-Speeding Drivers</i>	1	0.2	2	0.5	4	0.8
Speeding Drivers	426	100.0	336	100.0	417	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	119	27.9	73	21.7	100	24.0
Ages 21-29	128	30.0	110	32.7	132	31.7
Ages 30-39	66	15.5	52	15.5	69	16.5
Ages 40-49	53	12.4	39	11.6	49	11.8
Ages 50-59	30	7.0	32	9.5	37	8.9
Age 60 and Over	23	5.4	28	8.3	26	6.2
Unknown Age	7	1.6	2	0.6	4	1.0
Non-Speeding Drivers	109	100.0	76	100.0	96	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	7.3	6	7.9	5	5.2
Ages 21-29	18	16.5	15	19.7	18	18.8
Ages 30-39	20	18.3	10	13.2	15	15.6
Ages 40-49	16	14.7	15	19.7	20	20.8
Ages 50-59	22	20.2	16	21.1	16	16.7
Age 60 and Over	24	22.0	12	15.8	18	18.8
Unknown Age	1	0.9	2	2.6	4	4.2

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	427		340		420	
Alcohol Involvement	31	7.3	33	9.7	36	8.6
Driver Inattention/Distraction	26	6.1	11	3.2	22	5.2
Driver Inexperience	10	2.3	10	2.9	9	2.1
Failure to Keep Right	11	2.6	20	5.9	13	3.1
Failure to Yield R.O.W.	9	2.1	4	1.2	3	0.7
Following Too Closely	21	4.9	18	5.3	14	3.3
Passing/Lane Violations	42	9.8	41	12.1	42	10.0
Traffic Control Disregarded	5	1.2	10	2.9	10	2.4

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	181	100.0	5	192	100.0	6
Under Age 4	0	0.0	0	5	2.6	0
Ages 4-6	0	0.0	0	3	1.6	0
Ages 7-15	8	4.4	1	8	4.2	1
Ages 16-17	11	6.1	0	10	5.2	0
Ages 18-20	24	13.3	0	35	18.2	1
Ages 21-29	54	29.8	0	54	28.1	1
Ages 30-39	25	13.8	1	20	10.4	0
Ages 40-49	26	14.4	2	25	13.0	0
Ages 50-59	20	11.0	0	16	8.3	2
Ages 60-69	10	5.5	1	10	5.2	1
Ages 70 and Over	2	1.1	0	5	2.6	0
Unknown Age	1	0.6	0	1	0.5	0

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	210	100.0	166	100.0	177	100.0
No Restraint Used	22	10.5	17	10.2	28	15.8
Restraint Used	183	87.1	143	86.1	141	79.7
Unknown	5	2.4	6	3.6	8	4.5
Motorcyclists	6	100.0	9	100.0	9	100.0
No Helmet Used	0	0.0	2	22.2	2	22.2
Helmet Used	6	100.0	7	77.8	7	77.8
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	2	100.0
No Helmet Used	0	0.0	1	100.0	2	100.0
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**

Broome 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	65	5,150	1.3	67	5,570	1.2	89	5,336	1.7
Fatal Crashes	1	152	0.7	4	180	2.2	4	168	2.4
Non-Fatal Personal Injury Crashes	53	4,347	1.2	62	4,757	1.3	69	4,550	1.5
Reportable Property Damage Crashes	11	651	1.7	1	633	0.2	16	618	2.6
Manner of Collision									
Single Motorcycle Crashes	36	2,270	1.6	33	2,426	1.4	44	2,408	1.8
Multiple Vehicle Crashes	29	2,880	1.0	34	3,144	1.1	45	2,928	1.5
Special Motorcycle Crash Series									
Motorcycle/Pedestrian Crashes	0	63	0.0	2	79	2.5	1	64	1.6
Motorcycle/Bicycle Crashes	0	28	0.0	0	28	0.0	0	27	0.0
Fatalities									
Persons Killed (1)	1	155	0.6	4	185	2.2	4	171	2.3
Drivers Killed	0	146	0.0	3	173	1.7	4	162	2.5
<i>Motorcycle Operators</i>	0	146	0.0	3	172	1.7	4	162	2.5
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	1	5	20.0	1	11	9.1	0	6	0.0
<i>Motorcycle Passengers</i>	1	5	20.0	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)	59	5,042	1.2	72	5,468	1.3	80	5,180	1.5
Drivers Injured	52	4,444	1.2	63	4,819	1.3	73	4,604	1.6
Passengers Injured	7	505	1.4	8	520	1.5	6	485	1.2
Pedestrians Injured	0	61	0.0	1	85	1.2	1	59	1.7
Bicyclists Injured	0	24	0.0	0	27	0.0	0	22	0.0
Other	0	8	0.0	0	17	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**

Broome 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	89	4	11	47	24	3
Sunday	14	0	5	6	3	0
Monday	11	0	1	7	3	0
Tuesday	17	0	2	9	5	1
Wednesday	18	1	2	11	4	0
Thursday	4	0	1	1	2	0
Friday	11	1	0	6	3	1
Saturday	14	2	0	7	4	1

TABLE 3 Motorcycle Operator Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	65	100.0	66	100.0	91	100.0
Male	57	87.7	60	90.9	87	95.6
Female	8	12.3	6	9.1	4	4.4
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	5	7.7	3	4.5	5	5.5
Ages 21-29	18	27.7	19	28.8	20	22.0
Ages 30-39	7	10.8	12	18.2	18	19.8
Ages 40-49	18	27.7	15	22.7	18	19.8
Ages 50-59	13	20.0	14	21.2	17	18.7
Ages 60 and Over	4	6.2	3	4.5	13	14.3
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	60		63		83	
Alcohol Involvement	2	3.3	1	1.6	4	4.8
Driver Inattention/Distraction	8	13.3	11	17.5	15	18.1
Driver Inexperience	2	3.3	6	9.5	4	4.8
Failure to Keep Right	0	0.0	4	6.3	2	2.4
Failure to Yield R.O.W.	11	18.3	15	23.8	22	26.5
Following Too Closely	7	11.7	1	1.6	6	7.2
Passing/Lane Violations	7	11.7	11	17.5	9	10.8
Traffic Control Disregarded	0	0.0	2	3.2	2	2.4
Turning Improperly	1	1.7	3	4.8	9	10.8
Unsafe Speed	6	10.0	8	12.7	9	10.8

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

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

Broome County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	60	100.0	74	100.0	78	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	1.7	0	0.0	0	0.0
Ages 16-17	0	0.0	1	1.4	0	0.0
Ages 18-20	5	8.3	3	4.1	5	6.4
Ages 21-29	14	23.3	21	28.4	19	24.4
Ages 30-39	7	11.7	12	16.2	14	17.9
Ages 40-49	15	25.0	16	21.6	15	19.2
Ages 50-59	13	21.7	18	24.3	14	17.9
Ages 60-69	4	6.7	3	4.1	10	12.8
Ages 70 and Over	0	0.0	0	0.0	1	1.3
Unknown Age	1	1.7	0	0.0	0	0.0

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2009		2010		2011	
	#	%	#	%	#	%
Motorcyclists	58	100.0	70	100.0	74	100.0
No Helmet Used	4	6.9	4	5.7	10	13.5
Helmet Used	49	84.5	62	88.6	60	81.1
Unknown	5	8.6	4	5.7	4	5.4

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	4,988	1.6	11,026	1.8
2008	5,553	1.7	11,368	1.8
2009	5,871	1.7	11,623	1.8
2010	6,046	1.8	11,823	1.8
2011	6,213	1.8	11,943	1.8

SECTION 5

Ticket Data

BROOME COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	54,499	55,366	49,784
SPEED (V&T 1180)	19,800	18,736	15,585
% of total tickets	36.3%	33.8%	31.3%
% convicted on same charge (of adjudicated cases)	56.9%	56.6%	57.8%
SAFETY RESTRAINTS (V&T 1229c)	4,124	4,015	2,672
% of total tickets	7.6%	7.3%	5.4%
% convicted on same charge (of adjudicated cases)	89.7%	91.1%	88.3%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	290	399	330
IMPAIRED DRIVING (V&T 1192)	1,432	1,396	1,152
% of total tickets	2.6%	2.5%	2.3%
Persons Arrested for Impaired Driving	(N=812)	(N=759)	(N=640)
Case adjudicated	87.6%	82.3%	82.7%
Case pending	12.4%	17.7%	17.3%
Adjudicated Cases*	(N=711)	(N=625)	(N=529)
Convicted on original 1192 charge	66.0%	63.8%	72.6%
Convicted on other 1192 charge	25.6%	30.1%	21.6%
Convicted on non-1192 charge	0.3%	0.2%	0.0%
Dismissed/Acquitted/Convicted on charge associated with different event	8.2%	5.9%	5.9%
* 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.

BROOME COUNTY

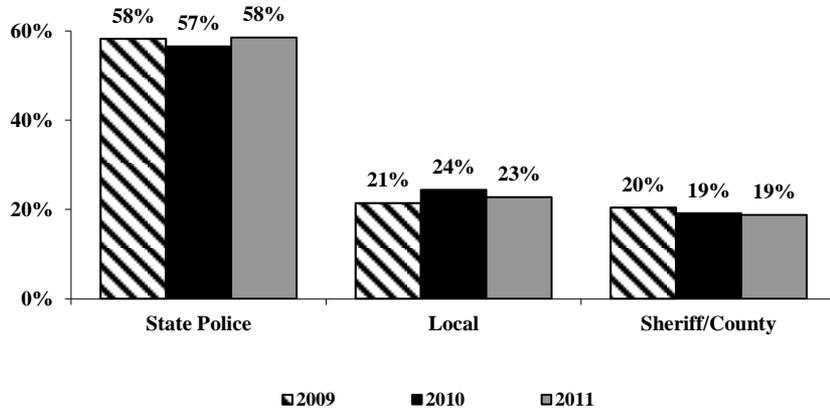
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	107	137	132
Number of Persons on Probation	266	274	290

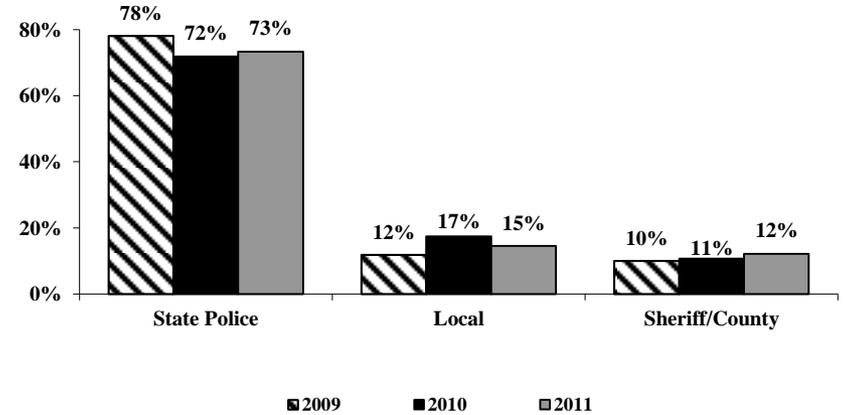
Source: NYS Division of Probation and Correctional Alternatives.

Broome County Tickets Issued by TSLED Agencies By Agency Type

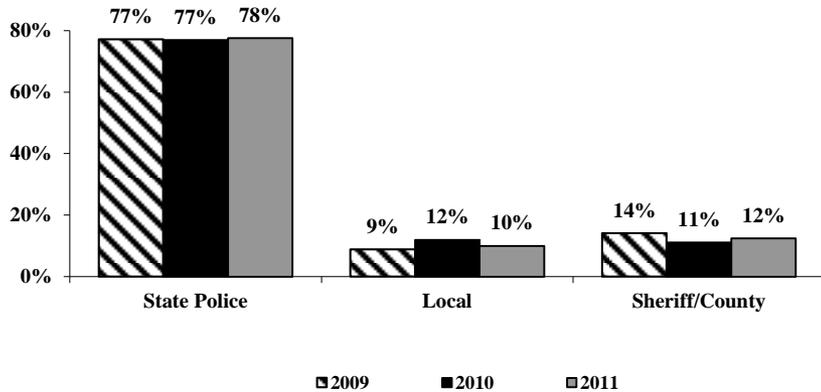
All Tickets



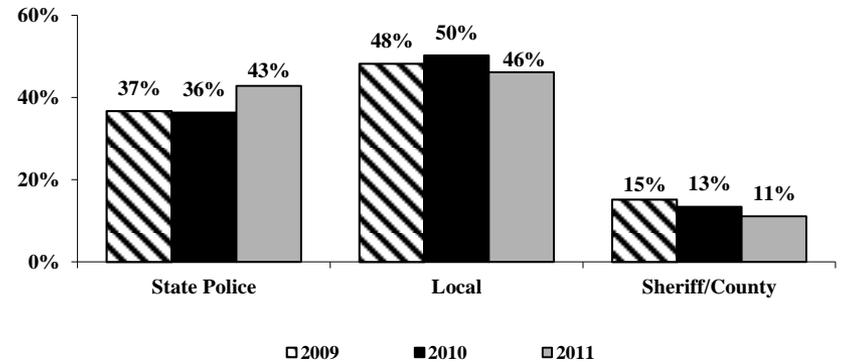
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



BROOME 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
Broome Sheriff NCIC 00300	alcohol	208	23.4	14.5	171	20.1	12.2	118	18.3	10.2
	speed	2,796	63.2	14.1	2,084	51.2	11.1	1,943	59.9	12.5
	seatbelt	412	46.7	10.0	432	40.6	10.8	325	48.2	12.2
Binghamton P.D. NCIC 00301	alcohol	253	28.5	17.7	317	37.3	22.7	229	35.4	19.9
	speed	319	7.2	1.6	505	12.4	2.7	416	12.8	2.7
	seatbelt	58	6.6	1.4	84	7.9	2.1	104	15.4	3.9
Endicott P.D. NCIC 00302	alcohol	92	10.4	6.4	75	8.8	5.4	63	9.8	5.5
	speed	260	5.9	1.3	291	7.1	1.6	139	4.3	0.9
	seatbelt	111	12.6	2.7	194	18.3	4.8	56	8.3	2.1
Johnson City P.D. NCIC 00303	alcohol	113	12.7	7.9	76	8.9	5.4	80	12.4	6.9
	speed	350	7.9	1.8	527	12.9	2.8	377	11.6	2.4
	seatbelt	48	5.4	1.2	90	8.5	2.2	86	12.8	3.2
Port Dickinson P.D. NCIC 00320	alcohol	14	1.6	1.0	3	0.4	0.2	9	1.4	0.8
	speed	67	1.5	0.3	112	2.7	0.6	64	2.0	0.4
	seatbelt	129	14.6	3.1	105	9.9	2.6	71	10.5	2.7
Deposit Village P.D. NCIC 00322	alcohol	7	0.8	0.5	10	1.2	0.7	0	0.0	0.0
	speed	50	1.1	0.3	59	1.4	0.3	25	0.8	0.2
	seatbelt	24	2.7	0.6	25	2.4	0.6	4	0.6	0.1
Vestal P.D. NCIC 00364	alcohol	200	22.5	14.0	199	23.4	14.3	147	22.8	12.8
	speed	582	13.2	2.9	496	12.2	2.6	281	8.7	1.8
	seatbelt	100	11.3	2.4	133	12.5	3.3	28	4.2	1.0
Totals by Agency Type										
Sheriff and Local	alcohol	887		61.9	851		61.0	646		56.1
	speed	4,424		22.3	4,074		21.7	3,245		20.8
	seatbelt	882		21.4	1,063		26.5	674		25.2
State Police	alcohol	515		36.0	501		35.9	477		41.4
	speed	15,257		77.1	14,411		76.9	12,085		77.5
	seatbelt	3,221		78.1	2,886		71.9	1,959		73.3
Other <i>incl. SUNY and Park Police</i>	alcohol	30		2.1	44		3.2	29		2.5
	speed	119		0.6	251		1.3	255		1.6
	seatbelt	21		0.5	66		1.6	39		1.5
County Totals										
	alcohol	1,432			1,396			1,152		
	speed	19,800			18,736			15,585		
	seatbelt	4,124			4,015			2,672		

Source: NYS DMV

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