

JEFFERSON 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
Jefferson 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	2,372	314,974	0.8	2,221	315,377	0.7	2,162	307,550	0.7
Fatal Crashes	14	1,060	1.3	8	1,119	0.7	13	1,077	1.2
Non-Fatal Personal Injury Crashes	725	133,888	0.5	673	134,151	0.5	672	128,036	0.5
Reportable Property Damage Crashes	1,633	180,026	0.9	1,540	180,107	0.9	1,477	178,437	0.8
Manner of Collision									
Single Vehicle Crashes	1,264	101,080	1.3	1,128	101,471	1.1	1,088	98,836	1.1
Multiple Vehicle Crashes	1,108	213,894	0.5	1,093	213,906	0.5	1,074	208,714	0.5
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	45	15,682	0.3	24	16,357	0.1	28	15,928	0.2
Bicycle/Motor Vehicle Crashes	18	5,620	0.3	15	6,276	0.2	18	6,076	0.3
Motorcycle Crashes	64	5,150	1.2	67	5,570	1.2	51	5,336	1.0
Fatalities									
Persons Killed (1)	19	1,148	1.7	8	1,192	0.7	13	1,153	1.1
Drivers Killed	13	603	2.2	3	646	0.5	9	597	1.5
Passengers Killed	6	209	2.9	3	198	1.5	2	203	1.0
Pedestrians Killed	0	307	0.0	2	311	0.6	2	296	0.7
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)	1,010	186,034	0.5	892	187,566	0.5	962	177,445	0.5
Drivers Injured	667	112,855	0.6	606	112,104	0.5	629	106,335	0.6
Passengers Injured	272	51,499	0.5	245	52,421	0.5	288	48,677	0.6
Pedestrians Injured	51	15,321	0.3	22	16,090	0.1	25	15,689	0.2
Bicyclists Injured	17	5,405	0.3	15	6,058	0.2	18	5,883	0.3
Other	3	954	0.3	4	893	0.4	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
Jefferson County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	199.80	191.09	183.36
Crash Rate per 10,000 Licensed Drivers	326.87	305.72	299.83
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	86.68	77.43	82.69
Fatality & Injury Rate per 10,000 Licensed Drivers	141.80	123.88	135.21

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	2,162	221	601	802	489	49
Sunday	213	37	39	64	68	5
Monday	280	31	81	105	56	7
Tuesday	321	29	98	133	51	10
Wednesday	329	25	115	121	62	6
Thursday	308	21	94	115	72	6
Friday	410	36	107	161	101	5
Saturday	301	42	67	103	79	10

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	2,172	100.0	2,011	100.0	1,978	100.0
State Police	700	32.2	658	32.7	633	32.0
County Police	819	37.7	708	35.2	722	36.5
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	653	30.1	645	32.1	623	31.5
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Jefferson 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	3,380	100.0	3,217	100.0	3,147	100.0
Male	1,880	55.6	1,806	56.1	1,712	54.4
Female	1,405	41.6	1,326	41.2	1,324	42.1
Unknown	95	2.8	85	2.6	111	3.5
Age						
Under Age 16	0	0.0	3	0.1	1	<0.1
Ages 16-20	488	14.4	440	13.7	403	12.8
Ages 21-29	835	24.7	857	26.6	867	27.6
Ages 30-39	507	15.0	512	15.9	508	16.1
Ages 40-49	538	15.9	495	15.4	456	14.5
Ages 50-59	448	13.3	412	12.8	383	12.2
Ages 60-69	264	7.8	235	7.3	248	7.9
Ages 70 and Over	201	5.9	172	5.3	168	5.3
Unknown Age	99	2.9	91	2.8	113	3.6

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	2,172		2,011		1,978	
Alcohol Involvement*	96	4.4	97	4.8	88	4.4
Backing Unsafely	121	5.6	90	4.5	107	5.4
Driver Inattention/Distraction	343	15.8	352	17.5	344	17.4
Driver Inexperience	62	2.9	29	1.4	35	1.8
Failure to Keep Right	109	5.0	70	3.5	93	4.7
Failure to Yield R.O.W.	273	12.6	285	14.2	291	14.7
Following Too Closely	243	11.2	280	13.9	273	13.8
Passing/Lane Violations	135	6.2	158	7.9	133	6.7
Traffic Control Disregarded	64	2.9	67	3.3	76	3.8
Turning Improperly	66	3.0	56	2.8	55	2.8
Unsafe Speed*	435	20.0	337	16.8	343	17.3

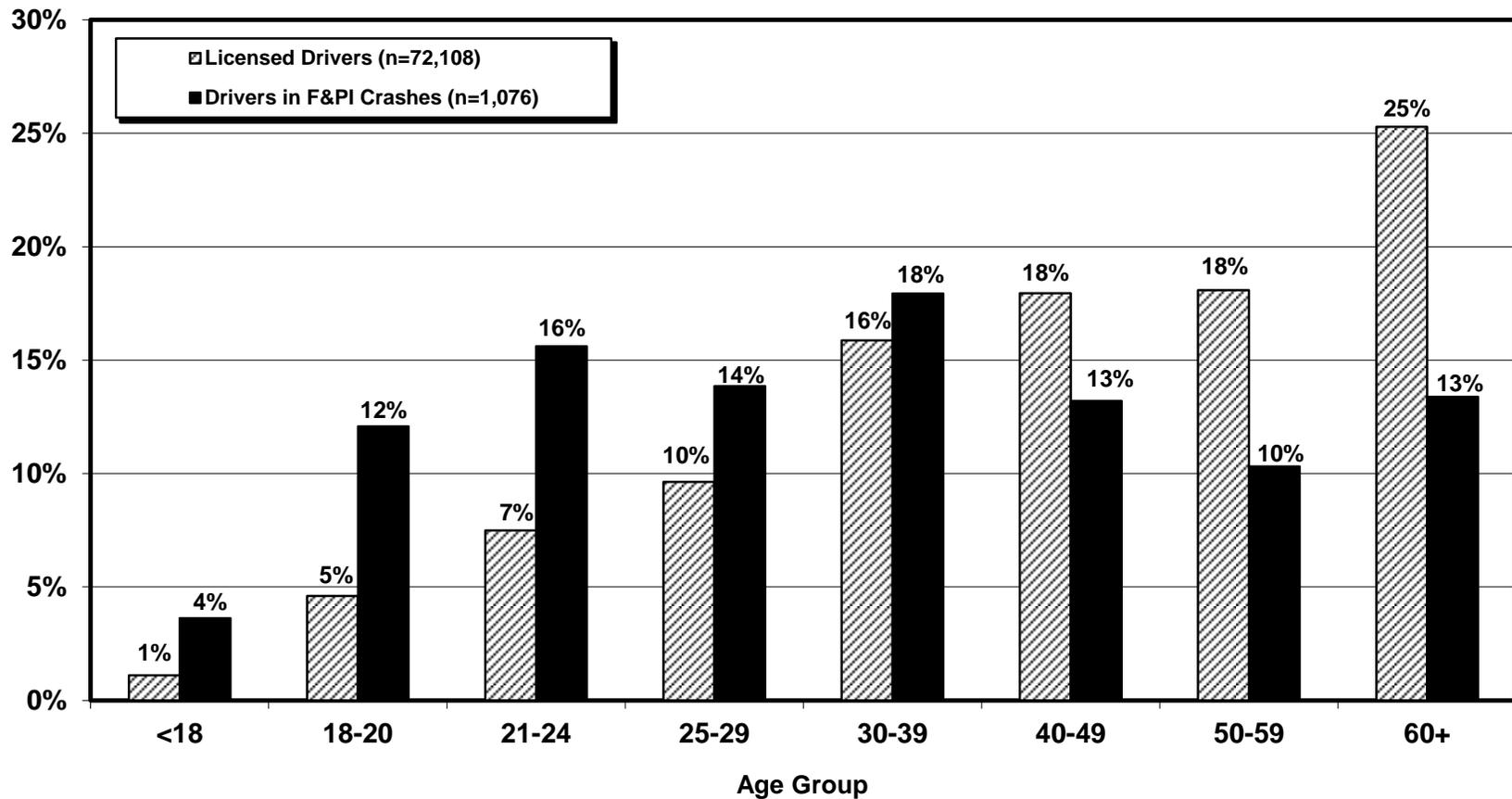
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	900	100.0	39	975	100.0	45
Under Age 4	8	0.9	1	12	1.2	0
Ages 4-6	6	0.7	1	13	1.3	2
Ages 7-15	52	5.8	6	65	6.7	9
Ages 16-17	38	4.2	3	44	4.5	2
Ages 18-20	119	13.2	3	93	9.5	5
Ages 21-29	229	25.4	10	248	25.4	9
Ages 30-39	157	17.4	5	145	14.9	6
Ages 40-49	114	12.7	3	121	12.4	6
Ages 50-59	88	9.8	3	86	8.8	2
Ages 60-69	40	4.4	3	69	7.1	3
Ages 70 and Over	43	4.8	0	61	6.3	0
Unknown Age	6	0.7	1	18	1.8	1

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	876	100.0	793	100.0	854	100.0
No Restraint Used	73	8.3	40	5.0	70	8.2
Restraint Used	792	90.4	738	93.1	777	91.0
Unknown	11	1.3	15	1.9	7	0.8
Motorcyclists	71	100.0	53	100.0	46	100.0
No Helmet Used	7	9.9	2	3.8	4	8.7
Helmet Used	61	85.9	47	88.7	42	91.3
Unknown	3	4.2	4	7.5	0	0.0
Bicyclists	17	100.0	14	100.0	18	100.0
No Helmet Used	11	64.7	12	85.7	17	94.4
Helmet Used	4	23.5	1	7.1	1	5.6
Unknown	2	11.8	1	7.1	0	0.0

FIGURE 1
Jefferson 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. 20 drivers in fatal and personal injury crashes were excluded due to unknown age.

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

Jefferson 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															
Adams	3,165	2.8	84.9	4.0	37.3	44	0.5	56	28	0.3	32	25	0.3	35	
Alexandria	3,016	2.7	128.1	6.0	23.5	20	0.2	25	21	0.2	23	28	0.2	32	
Antwerp	1,148	1.0	84.5	3.9	13.6	14	0.2	16	8	0.1	9	10	0.1	16	
Brownville	3,265	2.9	100.3	4.7	32.6	19	0.2	22	22	0.2	28	11	0.1	12	
Cape Vincent	2,590	2.3	92.2	4.3	28.1	5	0.1	6	4	<0.1	5	10	0.1	12	
Champion	2,272	2.0	77.3	3.6	29.4	26	0.3	39	23	0.3	26	24	0.3	31	
Clayton	3,011	2.7	135.7	6.3	22.2	18	0.1	25	13	0.1	18	10	0.1	18	
Ellisburg	2,896	2.6	161.6	7.5	17.9	29	0.2	51	23	0.1	33	18	0.1	24	
Henderson	1,376	1.2	78.5	3.7	17.5	10	0.1	17	2	<0.1	5	6	0.1	10	
Hounsfield	1,945	1.7	72.5	3.4	26.8	22	0.3	34	23	0.3	36	22	0.3	32	
Le Ray	18,802	16.9	97.0	4.5	193.8	78	0.8	107	68	0.7	95	72	0.7	125	
Lorraine	951	0.9	68.9	3.2	13.8	3	<0.1	4	4	0.1	5	7	0.1	7	
Lyme	1,426	1.3	82.6	3.9	17.3	14	0.2	16	8	0.1	9	9	0.1	11	
Orleans	2,471	2.2	113.2	5.3	21.8	18	0.2	29	18	0.2	21	16	0.1	19	
Pamelia	2,905	2.6	79.5	3.7	36.5	51	0.6	76	46	0.6	67	48	0.6	66	
Philadelphia	662	0.6	40.0	1.9	16.6	7	0.2	11	10	0.3	15	8	0.2	28	
Rodman	1,172	1.1	62.5	2.9	18.8	3	<0.1	4	6	0.1	6	3	<0.1	8	
Rutland	2,453	2.2	82.4	3.8	29.8	21	0.3	28	13	0.2	16	22	0.3	35	
Theresa	1,650	1.5	86.7	4.0	19.0	18	0.2	23	18	0.2	29	22	0.3	30	
Watertown	4,234	3.8	82.7	3.9	51.2	66	0.8	98	68	0.8	92	78	0.9	114	
Wilna	2,150	1.9	54.1	2.5	39.7	13	0.2	19	11	0.2	11	7	0.1	11	
Worth	244	0.2	41.7	1.9	5.9	1	<0.1	1	1	<0.1	1	0	na	na	

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

Jefferson 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															
Adams	1,599	1.4	9.6	0.4	166.6	7	0.7	7	3	0.3	3	6	0.6	9	
Alexandria Bay	1,072	1.0	7.4	0.3	144.9	2	0.3	2	2	0.3	2	3	0.4	3	
Antwerp	702	0.6	6.7	0.3	104.8	0	na	na	2	0.3	2	0	na	na	
Black River	1,272	1.1	8.4	0.4	151.4	3	0.4	6	6	0.7	8	5	0.6	7	
Brownville	1,006	0.9	5.1	0.2	197.3	0	na	na	2	0.4	2	2	0.4	2	
Cape Vincent	750	0.7	9.7	0.5	77.3	1	0.1	1	2	0.2	2	1	0.1	1	
Carthage	3,645	3.3	14.5	0.7	251.4	15	1.0	16	7	0.5	10	16	1.1	19	
Chaumont	582	0.5	7.0	0.3	83.1	1	0.1	1	2	0.3	3	4	0.6	5	
Clayton	1,795	1.6	12.5	0.6	143.6	2	0.2	2	2	0.2	2	2	0.2	2	
Deferiet	304	0.3	4.3	0.2	70.7	2	0.5	5	0	na	na	1	0.2	2	
Dexter	1,096	1.0	6.2	0.3	176.8	2	0.3	2	1	0.2	2	1	0.2	1	
Ellisburg	265	0.2	4.1	0.2	64.6	0	na	na	0	na	na	0	na	na	
Evans Mills	601	0.5	4.7	0.2	127.9	1	0.2	1	3	0.6	6	1	0.2	1	
Glen Park	479	0.4	4.2	0.2	114.0	1	0.2	1	0	na	na	0	na	na	
Herrings	127	0.1	1.7	0.1	74.7	0	na	na	2	1.2	3	0	na	na	
Mannsville	395	0.4	2.7	0.1	146.3	1	0.4	1	1	0.4	1	0	na	na	
Philadelphia	1,499	1.3	5.2	0.2	288.3	0	na	na	1	0.2	1	2	0.4	2	
Sackets Harbor	1,367	1.2	9.2	0.4	148.6	1	0.1	1	4	0.4	4	1	0.1	1	
Theresa	793	0.7	6.8	0.3	116.6	4	0.6	5	0	na	na	0	na	na	
West Carthage	2,074	1.9	9.4	0.4	220.6	6	0.6	6	11	1.2	20	5	0.5	6	
City															
Watertown	26,240	23.5	98.5	4.6	266.4	184	1.9	259	189	1.9	243	175	1.8	234	
Other															
unknown	na	na	na	na	na	6	na	6	3	na	4	4	na	4	
Jefferson County Total						739	0.3	1,029	681	0.3	900	685	0.3	975	
New York State						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**

Jefferson 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	100	8,873	1.1	101	8,613	1.2	94	8,461	1.1
Fatal Crashes	6	329	1.8	3	327	0.9	6	330	1.8
Non-Fatal Personal Injury Crashes	45	4,676	1.0	54	4,445	1.2	37	4,298	0.9
Reportable Property Damage Crashes	49	3,868	1.3	44	3,841	1.1	51	3,833	1.3
Manner of Collision									
Single Vehicle Crashes	71	4,843	1.5	72	4,798	1.5	60	4,646	1.3
Multiple Vehicle Crashes	29	4,030	0.7	29	3,815	0.8	34	3,815	0.9
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	4	432	0.9	3	408	0.7	1	460	0.2
A-R Bicycle/Motor Vehicle Crashes	0	118	0.0	0	100	0.0	0	105	0.0
A-R Motorcycle Crashes	2	191	1.0	6	227	2.6	3	204	1.5
Fatalities									
Persons Killed (1)	7	361	1.9	3	354	0.8	6	362	1.7
Drivers Killed	6	198	3.0	0	206	0.0	4	185	2.2
<i>Drinking Drivers</i>	5	175	2.9	0	191	0.0	3	170	1.8
<i>Non-Drinking Drivers</i>	1	23	4.3	0	15	0.0	1	15	6.7
Passengers Killed	1	64	1.6	2	64	3.1	1	73	1.4
Pedestrians Killed	0	91	0.0	1	79	1.3	1	91	1.1
Bicyclists Killed	0	8	0.0	0	5	0.0	0	13	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	53	6,810	0.8	64	6,337	1.0	54	6,121	0.9
Drivers Injured	37	4,321	0.9	51	4,031	1.3	38	3,874	1.0
Passengers Injured	11	1,959	0.6	11	1,815	0.6	16	1,726	0.9
Pedestrians Injured	5	369	1.4	2	344	0.6	0	382	0.0
Bicyclists Injured	0	107	0.0	0	95	0.0	0	91	0.0
Other	0	54	0.0	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
Jefferson 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	94	43	5	11	35	0
Sunday	20	13	1	2	4	0
Monday	6	2	1	1	2	0
Tuesday	9	6	0	1	2	0
Wednesday	5	3	0	1	1	0
Thursday	14	2	1	2	9	0
Friday	15	3	2	2	8	0
Saturday	25	14	0	2	9	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	118	100.0	118	100.0	115	100.0
Male	99	83.9	87	73.7	79	68.7
<i>Drinking Drivers</i>	82	69.5	76	64.4	68	59.1
<i>Non-Drinking Drivers</i>	17	14.4	11	9.3	11	9.6
Female	18	15.3	29	24.6	33	28.7
<i>Drinking Drivers</i>	15	12.7	22	18.6	23	20.0
<i>Non-Drinking Drivers</i>	3	2.5	7	5.9	10	8.7
Unknown	1	0.8	2	1.7	3	2.6
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	1	0.8	2	1.7	3	2.6
Drinking Drivers	97	100.0	98	100.0	91	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	12	12.4	6	6.1	11	12.1
Ages 21-29	40	41.2	46	46.9	43	47.3
Ages 30-39	24	24.7	28	28.6	16	17.6
Ages 40-49	15	15.5	9	9.2	7	7.7
Ages 50-59	3	3.1	4	4.1	9	9.9
Age 60 and Over	3	3.1	5	5.1	5	5.5
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	21	100.0	20	100.0	24	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	19.0	1	5.0	1	4.2
Ages 21-29	3	14.3	3	15.0	6	25.0
Ages 30-39	4	19.0	3	15.0	3	12.5
Ages 40-49	7	33.3	4	20.0	4	16.7
Ages 50-59	2	9.5	3	15.0	4	16.7
Age 60 and Over	0	0.0	4	20.0	3	12.5
Unknown Age	1	4.8	2	10.0	3	12.5

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

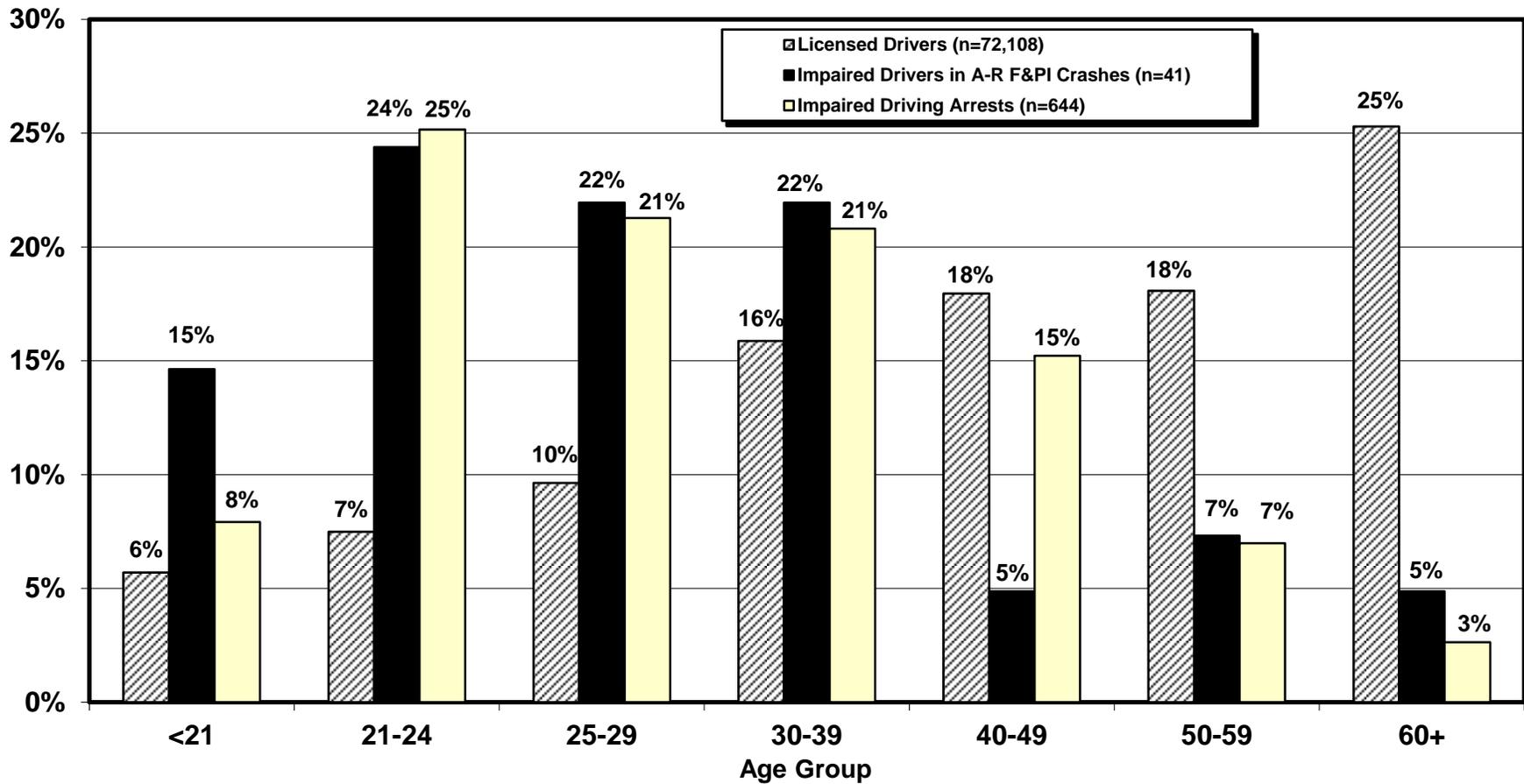
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	100		101		94	
Driver Inattention/Distracted	3	3.0	1	1.0	9	9.6
Failure to Keep Right	16	16.0	9	8.9	13	13.8
Failure to Yield R.O.W.	4	4.0	2	2.0	2	2.1
Fell Asleep	3	3.0	2	2.0	2	2.1
Following Too Closely	3	3.0	4	4.0	5	5.3
Passing/Lane Violations	8	8.0	12	11.9	10	10.6
Traffic Control Disregarded	4	4.0	6	5.9	1	1.1
Unsafe Speed	40	40.0	33	32.7	40	42.6

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	67	100.0	3	60	100.0	1
Under Age 4	1	1.5	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	1	1.5	0	3	5.0	0
Ages 16-17	0	0.0	0	1	1.7	0
Ages 18-20	1	1.5	0	10	16.7	0
Ages 21-29	29	43.3	2	19	31.7	0
Ages 30-39	17	25.4	0	10	16.7	0
Ages 40-49	11	16.4	1	8	13.3	1
Ages 50-59	3	4.5	0	6	10.0	0
Ages 60-69	4	6.0	0	2	3.3	0
Ages 70 and Over	0	0.0	0	1	1.7	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	53	100.0	57	100.0	56	100.0
No Restraint Used	14	26.4	12	21.1	8	14.3
Restraint Used	37	69.8	39	68.4	44	78.6
Unknown	2	3.8	6	10.5	4	7.1
Motorcyclists	2	100.0	7	100.0	3	100.0
No Helmet Used	0	0.0	1	14.3	1	33.3
Helmet Used	2	100.0	5	71.4	2	66.7
Unknown	0	0.0	1	14.3	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

FIGURE 1
Jefferson 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**

Jefferson 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	447	28,877	1.5	355	28,168	1.3	352	28,147	1.3
Fatal Crashes	7	314	2.2	0	289	0.0	5	284	1.8
Non-Fatal Personal Injury Crashes	192	13,202	1.5	149	12,846	1.2	163	12,838	1.3
Reportable Property Damage Crashes	248	15,361	1.6	206	15,033	1.4	184	15,025	1.2
Manner of Collision									
Single Vehicle Crashes	319	17,351	1.8	248	16,991	1.5	244	16,379	1.5
Multiple Vehicle Crashes	128	11,526	1.1	107	11,177	1.0	108	11,768	0.9
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	1	382	0.3	1	411	0.2	1	488	0.2
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	0	130	0.0	1	133	0.8
S-R Motorcycle Crashes	13	755	1.7	13	846	1.5	6	808	0.7
Fatalities									
Persons Killed (1)	11	357	3.1	0	319	0.0	5	319	1.6
Drivers Killed	7	237	3.0	0	231	0.0	4	211	1.9
<i>Speeding Drivers</i>	5	211	2.4	0	220	0.0	4	195	2.1
<i>Non-Speeding Drivers</i>	2	26	7.7	0	11	0.0	0	16	0.0
Passengers Killed	4	87	4.6	0	70	0.0	1	91	1.1
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)	258	19,326	1.3	196	18,910	1.0	232	18,843	1.2
Drivers Injured	180	12,890	1.4	145	12,556	1.2	151	12,382	1.2
Passengers Injured	76	5,853	1.3	49	5,723	0.9	79	5,730	1.4
Pedestrians Injured	1	386	0.3	1	422	0.2	1	514	0.2
Bicyclists Injured	0	121	0.0	0	128	0.0	1	130	0.8
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
Jefferson County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	352	62	113	110	67	0
Sunday	43	13	9	6	15	0
Monday	32	7	11	9	5	0
Tuesday	43	8	11	18	6	0
Wednesday	56	5	28	22	1	0
Thursday	44	8	14	9	13	0
Friday	74	6	27	27	14	0
Saturday	60	15	13	19	13	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	565	100.0	467	100.0	448	100.0
Male	331	58.6	299	64.0	246	54.9
<i>Speeding Drivers</i>	262	46.4	231	49.5	193	43.1
<i>Non-Speeding Drivers</i>	69	12.2	68	14.6	53	11.8
Female	228	40.4	162	34.7	199	44.4
<i>Speeding Drivers</i>	180	31.9	120	25.7	159	35.5
<i>Non-Speeding Drivers</i>	48	8.5	42	9.0	40	8.9
Unknown	6	1.1	6	1.3	3	0.7
<i>Speeding Drivers</i>	2	0.4	2	0.4	0	0.0
<i>Non-Speeding Drivers</i>	4	0.7	4	0.9	3	0.7
Speeding Drivers	444	100.0	353	100.0	352	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	109	24.5	96	27.2	73	20.7
Ages 21-29	143	32.2	131	37.1	145	41.2
Ages 30-39	66	14.9	62	17.6	54	15.3
Ages 40-49	55	12.4	32	9.1	29	8.2
Ages 50-59	39	8.8	15	4.2	26	7.4
Age 60 and Over	30	6.8	15	4.2	25	7.1
Unknown Age	2	0.5	2	0.6	0	0.0
Non-Speeding Drivers	121	100.0	114	100.0	96	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	8	6.6	10	8.8	3	3.1
Ages 21-29	29	24.0	27	23.7	27	28.1
Ages 30-39	23	19.0	26	22.8	22	22.9
Ages 40-49	20	16.5	25	21.9	18	18.8
Ages 50-59	18	14.9	17	14.9	12	12.5
Age 60 and Over	19	15.7	5	4.4	11	11.5
Unknown Age	4	3.3	4	3.5	3	3.1

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

TABLE 4(P) Select Crash Contributing Factors						
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	447		355		352	
Alcohol Involvement	45	10.1	45	12.7	42	11.9
Driver Inattention/Distracted	12	2.7	10	2.8	17	4.8
Driver Inexperience	13	2.9	11	3.1	5	1.4
Failure to Keep Right	31	6.9	21	5.9	21	6.0
Failure to Yield R.O.W.	7	1.6	8	2.3	10	2.8
Following Too Closely	19	4.3	20	5.6	17	4.8
Passing/Lane Violations	9	2.0	21	5.9	12	3.4
Traffic Control Disregarded	12	2.7	5	1.4	8	2.3

Note: Many crashes have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2010-2011						
Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	196	100.0	1	237	100.0	2
Under Age 4	2	1.0	0	3	1.3	0
Ages 4-6	1	0.5	0	2	0.8	0
Ages 7-15	8	4.1	0	11	4.6	1
Ages 16-17	8	4.1	0	16	6.8	0
Ages 18-20	45	23.0	1	32	13.5	0
Ages 21-29	58	29.6	0	82	34.6	1
Ages 30-39	40	20.4	0	32	13.5	0
Ages 40-49	17	8.7	0	22	9.3	0
Ages 50-59	10	5.1	0	14	5.9	0
Ages 60-69	2	1.0	0	12	5.1	0
Ages 70 and Over	4	2.0	0	10	4.2	0
Unknown Age	1	0.5	0	1	0.4	0

TABLE 6(P) Reported Safety Equipment Use						
	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	251	100.0	182	100.0	229	100.0
No Restraint Used	28	11.2	10	5.5	21	9.2
Restraint Used	220	87.6	167	91.8	204	89.1
Unknown	3	1.2	5	2.7	4	1.7
Motorcyclists	16	100.0	12	100.0	6	100.0
No Helmet Used	2	12.5	1	8.3	0	0.0
Helmet Used	13	81.3	10	83.3	6	100.0
Unknown	1	6.3	1	8.3	0	0.0
Bicyclists	0	0.0	0	0.0	1	100.0
No Helmet Used	0	0.0	0	0.0	1	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**

Jefferson 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	64	5,150	1.2	67	5,570	1.2	51	5,336	1.0
Fatal Crashes	0	152	0.0	1	180	0.6	2	168	1.2
Non-Fatal Personal Injury Crashes	57	4,347	1.3	54	4,757	1.1	43	4,550	0.9
Reportable Property Damage Crashes	7	651	1.1	12	633	1.9	6	618	1.0
Manner of Collision									
Single Motorcycle Crashes	42	2,270	1.9	45	2,426	1.9	27	2,408	1.1
Multiple Vehicle Crashes	22	2,880	0.8	22	3,144	0.7	24	2,928	0.8
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	0	28	0.0	0	27	0.0
Fatalities									
Persons Killed (1)	0	155	0.0	1	185	0.5	2	171	1.2
Drivers Killed	0	146	0.0	1	173	0.6	2	162	1.2
<i>Motorcycle Operators</i>	0	146	0.0	1	172	0.6	2	162	1.2
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	5	0.0	0	11	0.0	0	6	0.0
<i>Motorcycle Passengers</i>	0	5	0.0	0	11	0.0	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)	74	5,042	1.5	60	5,468	1.1	49	5,180	0.9
Drivers Injured	61	4,444	1.4	52	4,819	1.1	42	4,604	0.9
Passengers Injured	13	505	2.6	7	520	1.3	7	485	1.4
Pedestrians Injured	0	61	0.0	0	85	0.0	0	59	0.0
Bicyclists Injured	0	24	0.0	0	27	0.0	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**

Jefferson 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	51	2	7	26	16	0
Sunday	9	0	2	5	2	0
Monday	3	2	1	0	0	0
Tuesday	7	0	1	3	3	0
Wednesday	6	0	1	3	2	0
Thursday	13	0	1	9	3	0
Friday	8	0	0	4	4	0
Saturday	5	0	1	2	2	0

TABLE 3 Motorcycle Operator Gender and Age

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	69	100.0	65	100.0	51	100.0
Male	66	95.7	59	90.8	46	90.2
Female	2	2.9	6	9.2	5	9.8
Unknown	1	1.4	0	0.0	0	0.0
Under Age 16	0	0.0	1	1.5	0	0.0
Ages 16-20	5	7.2	2	3.1	6	11.8
Ages 21-29	22	31.9	21	32.3	15	29.4
Ages 30-39	12	17.4	13	20.0	12	23.5
Ages 40-49	15	21.7	14	21.5	5	9.8
Ages 50-59	8	11.6	11	16.9	11	21.6
Ages 60 and Over	6	8.7	3	4.6	2	3.9
Unknown Age	1	1.4	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors

	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	63		61		49	
Alcohol Involvement	2	3.2	6	9.8	2	4.1
Driver Inattention/Distraction	9	14.3	3	4.9	4	8.2
Driver Inexperience	9	14.3	4	6.6	4	8.2
Failure to Keep Right	0	0.0	0	0.0	5	10.2
Failure to Yield R.O.W.	8	12.7	7	11.5	12	24.5
Following Too Closely	6	9.5	3	4.9	3	6.1
Passing/Lane Violations	5	7.9	9	14.8	5	10.2
Traffic Control Disregarded	4	6.3	1	1.6	1	2.0
Turning Improperly	2	3.2	1	1.6	2	4.1
Unsafe Speed	13	20.6	12	19.7	6	12.2

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	71	100.0	57	100.0	48	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	1.4	0	0.0	0	0.0
Ages 16-17	0	0.0	1	1.8	1	2.1
Ages 18-20	6	8.5	2	3.5	6	12.5
Ages 21-29	19	26.8	17	29.8	12	25.0
Ages 30-39	14	19.7	12	21.1	11	22.9
Ages 40-49	17	23.9	12	21.1	5	10.4
Ages 50-59	9	12.7	12	21.1	12	25.0
Ages 60-69	3	4.2	1	1.8	1	2.1
Ages 70 and Over	2	2.8	0	0.0	0	0.0
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	71	100.0	53	100.0	46	100.0
No Helmet Used	7	9.9	2	3.8	4	8.7
Helmet Used	61	85.9	47	88.7	42	91.3
Unknown	3	4.2	4	7.5	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	3,262	1.1	7,187	1.2
2008	3,773	1.1	7,551	1.2
2009	3,919	1.2	7,794	1.2
2010	4,154	1.2	8,018	1.2
2011	4,285	1.2	8,219	1.2

SECTION 5

Ticket Data

JEFFERSON COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	35,190	34,197	31,683
SPEED (V&T 1180)	10,355	9,544	8,236
% of total tickets	29.4%	27.9%	26.0%
% convicted on same charge (of adjudicated cases)	56.5%	56.3%	55.7%
SAFETY RESTRAINTS (V&T 1229c)	2,842	2,273	1,515
% of total tickets	8.1%	6.6%	4.8%
% convicted on same charge (of adjudicated cases)	87.2%	88.7%	87.1%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	232	241	178
IMPAIRED DRIVING (V&T 1192)	1,372	1,280	1,222
% of total tickets	3.9%	3.7%	3.9%
Persons Arrested for Impaired Driving	(N=745)	(N=699)	(N=644)
Case adjudicated	92.8%	88.4%	91.5%
Case pending	7.2%	11.6%	8.5%
Adjudicated Cases*	(N=691)	(N=618)	(N=589)
Convicted on original 1192 charge	40.1%	34.3%	36.5%
Convicted on other 1192 charge	56.4%	62.3%	60.6%
Convicted on non-1192 charge	0.1%	0.3%	0.5%
Dismissed/Acquitted/Convicted on charge associated with different event	3.3%	3.1%	2.4%
* 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.

JEFFERSON COUNTY

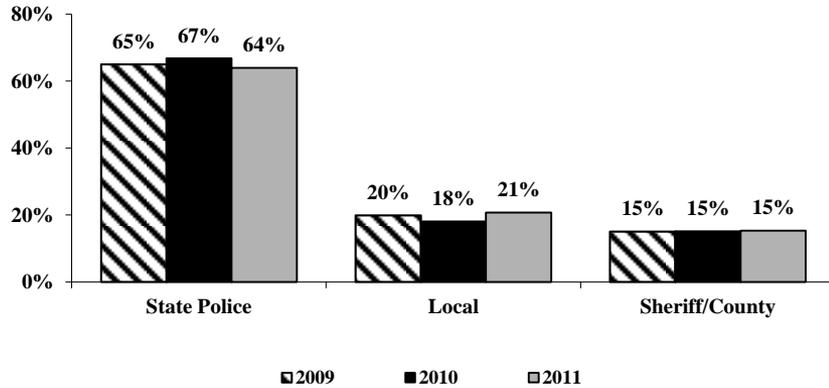
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	58	90	65
Number of Persons on Probation	138	167	183

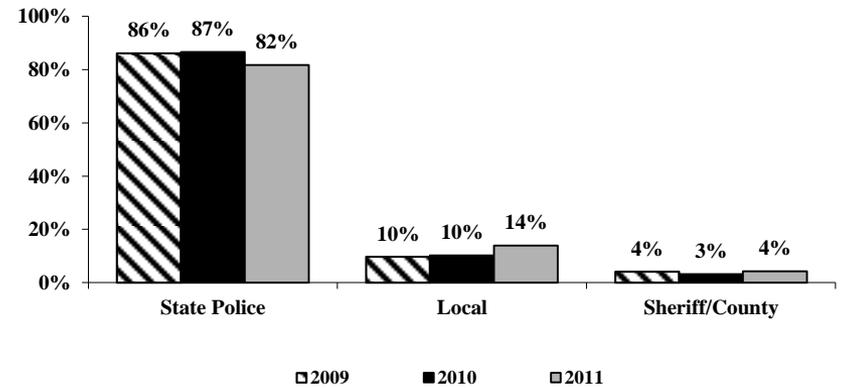
Source: NYS Division of Probation and Correctional Alternatives.

Jefferson County Tickets Issued by TSLED Agencies By Agency Type

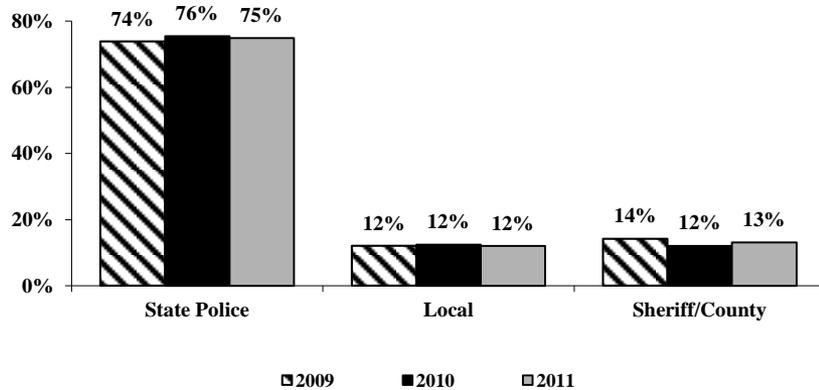
All Tickets



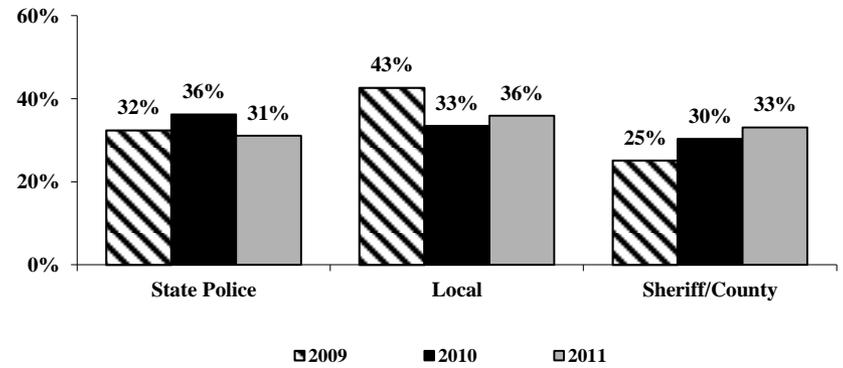
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



JEFFERSON 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
Jefferson Sheriff	alcohol	341	36.9	24.9	388	46.7	30.3	416	48.7	34.0
NCIC 02200	speed	1,472	54.2	14.2	1,152	49.3	12.1	1,077	52.2	13.1
	seatbelt	117	29.8	4.1	73	23.9	3.2	65	23.6	4.3
Watertown P.D.	alcohol	452	48.9	32.9	337	40.6	26.3	303	35.5	24.8
NCIC 02201	speed	445	16.4	4.3	337	14.4	3.5	344	16.7	4.2
	seatbelt	175	44.5	6.2	153	50.2	6.7	157	57.1	10.4
Village of Adams P.D.	alcohol	2	0.2	0.1	8	1.0	0.6	8	0.9	0.7
NCIC 02220	speed	35	1.3	0.3	36	1.5	0.4	57	2.8	0.7
	seatbelt	3	0.8	0.1	6	2.0	0.3	12	4.4	0.8
Alexandria Bay P.D.	alcohol	6	0.6	0.4	11	1.3	0.9	17	2.0	1.4
NCIC 02221	speed	26	1.0	0.3	6	0.3	0.1	17	0.8	0.2
	seatbelt	20	5.1	0.7	4	1.3	0.2	1	0.4	0.1
Brownville P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	1	0.1	0.1
NCIC 02223	speed	0	0.0	0.0	3	0.1	<0.1	0	0.0	0.0
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Dexter Village P.D.	alcohol	1	0.1	0.1	4	0.5	0.3	0	0.0	0.0
NCIC 02224	speed	6	0.2	0.1	40	1.7	0.4	27	1.3	0.3
	seatbelt	0	0.0	0.0	2	0.7	0.1	0	0.0	0.0
Glen Park P.D.	alcohol	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
NCIC 02225	speed	98	3.6	0.9	78	3.3	0.8	45	2.2	0.5
	seatbelt	18	4.6	0.6	7	2.3	0.3	3	1.1	0.2
Cape Vincent P.D.	alcohol	1	0.1	0.1	2	0.2	0.2	9	1.1	0.7
NCIC 02226	speed	30	1.1	0.3	13	0.6	0.1	23	1.1	0.3
	seatbelt	1	0.3	<0.1	3	1.0	0.1	6	2.2	0.4
West Carthage P.D.	alcohol	8	0.9	0.6	5	0.6	0.4	11	1.3	0.9
NCIC 02227	speed	97	3.6	0.9	89	3.8	0.9	24	1.2	0.3
	seatbelt	10	2.5	0.4	3	1.0	0.1	2	0.7	0.1
Clayton P.D.	alcohol	16	1.7	1.2	18	2.2	1.4	11	1.3	0.9
NCIC 02228	speed	23	0.8	0.2	37	1.6	0.4	5	0.2	0.1
	seatbelt	0	0.0	0.0	1	0.3	<0.1	0	0.0	0.0
Sackets Harbor P.D.	alcohol	2	0.2	0.1	2	0.2	0.2	2	0.2	0.2
NCIC 02233	speed	26	1.0	0.3	37	1.6	0.4	19	0.9	0.2
	seatbelt	3	0.8	0.1	1	0.3	<0.1	2	0.7	0.1
Black River P.D.	alcohol	0	0.0	0.0	2	0.2	0.2	0	0.0	0.0
NCIC 02234	speed	7	0.3	0.1	61	2.6	0.6	84	4.1	1.0
	seatbelt	1	0.3	<0.1	1	0.3	<0.1	1	0.4	0.1
Philadelphia P.D.	alcohol	1	0.1	0.1	0	0.0	0.0	0	0.0	0.0
NCIC 02236	speed	178	6.6	1.7	46	2.0	0.5	63	3.1	0.8
	seatbelt	1	0.3	<0.1	1	0.3	<0.1	1	0.4	0.1
Theresa P.D.	alcohol	1	0.1	0.1	0	0.0	0.0	0	0.0	0.0
NCIC 02237	speed	33	1.2	0.3	106	4.5	1.1	65	3.1	0.8
	seatbelt	1	0.3	<0.1	2	0.7	0.1	2	0.7	0.1
Carthage P.D.	alcohol	50	5.4	3.6	29	3.5	2.3	42	4.9	3.4
NCIC 02238	speed	155	5.7	1.5	139	5.9	1.5	97	4.7	1.2
	seatbelt	24	6.1	0.8	20	6.6	0.9	12	4.4	0.8

JEFFERSON 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
Antwerp P.D. NCIC 02243	alcohol	1	0.1	0.1	2	0.2	0.2	0	0.0	0.0
	speed	1	<0.1	<0.1	25	1.1	0.3	10	0.5	0.1
	seatbelt	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
State Park/1000 Island Reg. NCIC 02290	alcohol	42	4.5	3.1	22	2.7	1.7	34	4.0	2.8
	speed	83	3.1	0.8	132	5.6	1.4	107	5.2	1.3
	seatbelt	19	4.8	0.7	28	9.2	1.2	11	4.0	0.7
Totals by Agency Type										
Sheriff and Local	alcohol	924		67.3	830		64.8	854		69.9
	speed	2,715		26.2	2,337		24.5	2,064		25.1
	seatbelt	393		13.8	305		13.4	275		18.2
State Police	alcohol	448		32.7	450		35.2	368		30.1
	speed	7,638		73.8	7,206		75.5	6,171		74.9
	seatbelt	2,449		86.2	1,968		86.6	1,239		81.8
Other	alcohol	0		0.0	0		0.0	0		0.0
	speed	2		<0.1	1		<0.1	1		<0.1
	seatbelt	0		0.0	0		0.0	1		0.1
County Totals										
	alcohol	1,372			1,280			1,222		
	speed	10,355			9,544			8,236		
	seatbelt	2,842			2,273			1,515		

Source: NYS DMV

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