

ORLEANS COUNTY

TRAFFIC SAFETY DATA



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COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 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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TABLE OF CONTENTS

COUNTY DATA

	Section
Crash Data: 2009 - 2011	
General Crash Summary Report	1
Alcohol-Related Crash Summary Report	2
Speed-Related Crash Summary Report.....	3
Motorcycle Crash Summary Report.....	4
 Ticket Data: 2009 - 2011	
Tickets Issued and Conviction Rates for Selected Violations	5
DWI/AI Probation Data	5
Tickets Issued by TSLED Agencies by Agency Type	5
TSLED Tickets Issued for Selected Violations by Enforcement Agency.....	5

SECTION 1

General Crash Summary Report

New York State Department of Motor Vehicles
Motor Vehicle Crashes
Orleans 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	779	314,974	0.2	940	315,377	0.3	718	307,550	0.2
Fatal Crashes	6	1,060	0.6	3	1,119	0.3	5	1,077	0.5
Non-Fatal Personal Injury Crashes	214	133,888	0.2	235	134,151	0.2	191	128,036	0.1
Reportable Property Damage Crashes	559	180,026	0.3	702	180,107	0.4	522	178,437	0.3
Manner of Collision									
Single Vehicle Crashes	468	101,080	0.5	575	101,471	0.6	451	98,836	0.5
Multiple Vehicle Crashes	311	213,894	0.1	365	213,906	0.2	267	208,714	0.1
Special Crash Series									
Pedestrian/Motor Vehicle Crashes	8	15,682	0.1	12	16,357	0.1	6	15,928	<0.1
Bicycle/Motor Vehicle Crashes	9	5,620	0.2	10	6,276	0.2	5	6,076	0.1
Motorcycle Crashes	18	5,150	0.3	19	5,570	0.3	11	5,336	0.2
Fatalities									
Persons Killed (1)	6	1,148	0.5	3	1,192	0.3	5	1,153	0.4
Drivers Killed	3	603	0.5	3	646	0.5	4	597	0.7
Passengers Killed	3	209	1.4	0	198	0.0	1	203	0.5
Pedestrians Killed	0	307	0.0	0	311	0.0	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)	286	186,034	0.2	306	187,566	0.2	268	177,445	0.2
Drivers Injured	181	112,855	0.2	202	112,104	0.2	187	106,335	0.2
Passengers Injured	87	51,499	0.2	81	52,421	0.2	69	48,677	0.1
Pedestrians Injured	7	15,321	<0.1	12	16,090	0.1	6	15,689	<0.1
Bicyclists Injured	9	5,405	0.2	10	6,058	0.2	4	5,883	0.1
Other	2	954	0.2	1	893	0.1	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
Orleans County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2009	2010	2011
Crash Rates			
Crash Rate per 10,000 Population	185.25	219.20	168.46
Crash Rate per 10,000 Licensed Drivers	261.64	317.57	247.65
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	69.44	72.06	64.05
Fatality & Injury Rate per 10,000 Licensed Drivers	98.07	104.39	94.16

TABLE 2 Day of Week/Time of Day: 2011						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	718	89	182	241	188	18
Sunday	75	20	12	25	16	2
Monday	90	11	28	25	21	5
Tuesday	106	14	27	37	24	4
Wednesday	93	10	29	31	22	1
Thursday	109	9	31	37	30	2
Friday	126	13	38	41	33	1
Saturday	119	12	17	45	42	3

TABLE 3(P) Police Investigating Agency						
	2009		2010		2011	
	#	%	#	%	#	%
Total	663	100.0	816	100.0	628	100.0
State Police	111	16.7	117	14.3	88	14.0
County Police	375	56.6	500	61.3	399	63.5
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	177	26.7	199	24.4	141	22.5
Unknown	0	0.0	0	0.0	0	0.0

**New York State Department of Motor Vehicles
Motor Vehicle Crashes
Orleans 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	1,042	100.0	1,214	100.0	945	100.0
Male	597	57.3	655	54.0	534	56.5
Female	415	39.8	520	42.8	386	40.8
Unknown	30	2.9	39	3.2	25	2.6
Age						
Under Age 16	1	0.1	1	0.1	1	0.1
Ages 16-20	157	15.1	185	15.2	127	13.4
Ages 21-29	206	19.8	253	20.8	198	21.0
Ages 30-39	141	13.5	157	12.9	136	14.4
Ages 40-49	184	17.7	209	17.2	172	18.2
Ages 50-59	148	14.2	190	15.7	141	14.9
Ages 60-69	102	9.8	105	8.6	81	8.6
Ages 70 and Over	69	6.6	75	6.2	62	6.6
Unknown Age	34	3.3	39	3.2	27	2.9

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	663		816		628	
Alcohol Involvement*	42	6.3	51	6.3	22	3.5
Backing Unsafely	48	7.2	75	9.2	46	7.3
Driver Inattention/Distracted	160	24.1	128	15.7	95	15.1
Driver Inexperience	18	2.7	14	1.7	13	2.1
Failure to Keep Right	27	4.1	26	3.2	24	3.8
Failure to Yield R.O.W.	88	13.3	96	11.8	76	12.1
Following Too Closely	45	6.8	49	6.0	43	6.8
Passing/Lane Violations	21	3.2	48	5.9	30	4.8
Traffic Control Disregarded	19	2.9	18	2.2	10	1.6
Turning Improperly	15	2.3	22	2.7	9	1.4
Unsafe Speed*	101	15.2	117	14.3	92	14.6

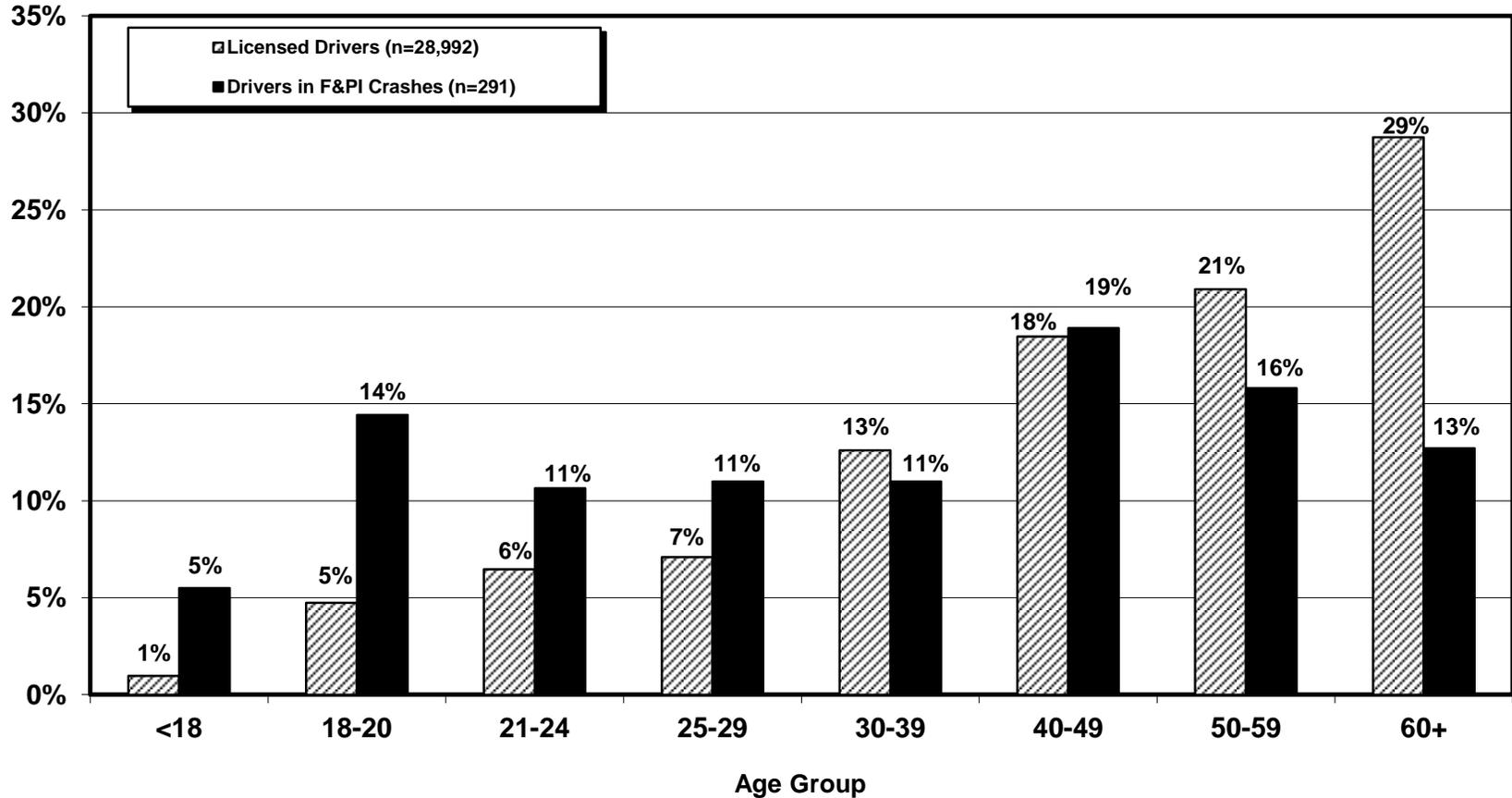
* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	309	100.0	22	273	100.0	10
Under Age 4	5	1.6	0	3	1.1	0
Ages 4-6	5	1.6	0	4	1.5	0
Ages 7-15	21	6.8	6	13	4.8	1
Ages 16-17	12	3.9	1	24	8.8	4
Ages 18-20	47	15.2	3	33	12.1	1
Ages 21-29	62	20.1	3	49	17.9	1
Ages 30-39	34	11.0	2	29	10.6	0
Ages 40-49	46	14.9	3	44	16.1	1
Ages 50-59	36	11.7	1	38	13.9	0
Ages 60-69	22	7.1	2	18	6.6	0
Ages 70 and Over	16	5.2	1	16	5.9	1
Unknown Age	3	1.0	0	2	0.7	1

	2009		2010		2011	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	252	100.0	269	100.0	246	100.0
No Restraint Used	32	12.7	28	10.4	19	7.7
Restraint Used	211	83.7	227	84.4	215	87.4
Unknown	9	3.6	14	5.2	12	4.9
Motorcyclists	14	100.0	13	100.0	11	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	12	85.7	13	100.0	11	100.0
Unknown	2	14.3	0	0.0	0	0.0
Bicyclists	9	100.0	10	100.0	3	100.0
No Helmet Used	6	66.7	7	70.0	1	33.3
Helmet Used	1	11.1	1	10.0	0	0.0
Unknown	2	22.2	2	20.0	2	66.7

FIGURE 1
Orleans 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**

Orleans 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															
Albion	4,682	10.6	53.3	6.6	87.8	26	0.5	32	28	0.5	39	23	0.4	32	
Barre	2,142	4.9	96.1	11.9	22.3	16	0.2	26	10	0.1	11	12	0.1	18	
Carlton	2,968	6.7	105.8	13.1	28.1	10	0.1	14	14	0.1	14	10	0.1	11	
Clarendon	3,500	7.9	71.9	8.9	48.7	16	0.2	21	18	0.3	28	15	0.2	17	
Gaines	2,510	5.7	51.8	6.4	48.5	10	0.2	14	16	0.3	22	18	0.3	27	
Kendall	2,874	6.5	69.8	8.6	41.2	10	0.1	13	14	0.2	16	12	0.2	16	
Murray	3,112	7.1	67.2	8.3	46.3	32	0.5	45	12	0.2	17	20	0.3	33	
Ridgeway	3,171	7.2	84.7	10.5	37.4	25	0.3	33	34	0.4	44	26	0.3	38	
Shelby	2,725	6.2	77.7	9.6	35.1	19	0.2	25	25	0.3	33	20	0.3	22	
Yates	1,675	3.8	66.4	8.2	25.2	13	0.2	15	15	0.2	17	3	<0.1	3	
Villages															
Albion	5,836	13.2	22.8	2.8	256.0	21	0.9	22	20	0.9	25	21	0.9	33	
Holley	1,773	4.0	7.1	0.9	249.7	2	0.3	2	3	0.4	4	3	0.4	4	
Lyndonville	858	1.9	4.3	0.5	199.5	2	0.5	3	1	0.2	1	0	na	na	
Medina	6,312	14.3	31.4	3.9	201.0	18	0.6	27	26	0.8	35	13	0.4	19	
Other	unknown	na	na	na	na	0	na	na	2	na	3	0	na	na	
Orleans County Total	44,138		810.3		54.5	220	0.3	292	238	0.3	309	196	0.2	273	
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**

Orleans 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	44	8,873	0.5	52	8,613	0.6	23	8,461	0.3
Fatal Crashes	3	329	0.9	1	327	0.3	1	330	0.3
Non-Fatal Personal Injury Crashes	18	4,676	0.4	24	4,445	0.5	9	4,298	0.2
Reportable Property Damage Crashes	23	3,868	0.6	27	3,841	0.7	13	3,833	0.3
Manner of Collision									
Single Vehicle Crashes	34	4,843	0.7	32	4,798	0.7	18	4,646	0.4
Multiple Vehicle Crashes	10	4,030	0.2	20	3,815	0.5	5	3,815	0.1
Special A-R Crash Series									
A-R Pedestrian/Motor Vehicle Crashes	1	432	0.2	2	408	0.5	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	1	191	0.5	1	227	0.4	1	204	0.5
Fatalities									
Persons Killed (1)	3	361	0.8	1	354	0.3	1	362	0.3
Drivers Killed	2	198	1.0	1	206	0.5	0	185	0.0
<i>Drinking Drivers</i>	2	175	1.1	1	191	0.5	0	170	0.0
<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	1	73	1.4
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)	26	6,810	0.4	26	6,337	0.4	12	6,121	0.2
Drivers Injured	19	4,321	0.4	21	4,031	0.5	8	3,874	0.2
Passengers Injured	7	1,959	0.4	3	1,815	0.2	3	1,726	0.2
Pedestrians Injured	0	369	0.0	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	1	48	2.1

(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
Orleans 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	23	12	3	1	7	0
Sunday	3	3	0	0	0	0
Monday	0	0	0	0	0	0
Tuesday	2	1	0	0	1	0
Wednesday	1	1	0	0	0	0
Thursday	4	2	1	1	0	0
Friday	6	3	1	0	2	0
Saturday	7	2	1	0	4	0

TABLE 3(P) Driver Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	52	100.0	66	100.0	26	100.0
Male	44	84.6	47	71.2	17	65.4
<i>Drinking Drivers</i>	39	75.0	38	57.6	14	53.8
<i>Non-Drinking Drivers</i>	5	9.6	9	13.6	3	11.5
Female	8	15.4	17	25.8	9	34.6
<i>Drinking Drivers</i>	5	9.6	13	19.7	8	30.8
<i>Non-Drinking Drivers</i>	3	5.8	4	6.1	1	3.8
Unknown	0	0.0	2	3.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	2	3.0	0	0.0
Drinking Drivers	44	100.0	51	100.0	22	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	6	13.6	7	13.7	3	13.6
Ages 21-29	15	34.1	19	37.3	12	54.5
Ages 30-39	10	22.7	6	11.8	5	22.7
Ages 40-49	9	20.5	7	13.7	1	4.5
Ages 50-59	4	9.1	8	15.7	0	0.0
Age 60 and Over	0	0.0	4	7.8	1	4.5
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	8	100.0	15	100.0	4	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	4	26.7	0	0.0
Ages 21-29	1	12.5	3	20.0	0	0.0
Ages 30-39	1	12.5	2	13.3	1	25.0
Ages 40-49	4	50.0	2	13.3	1	25.0
Ages 50-59	1	12.5	1	6.7	2	50.0
Age 60 and Over	1	12.5	1	6.7	0	0.0
Unknown Age	0	0.0	2	13.3	0	0.0

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

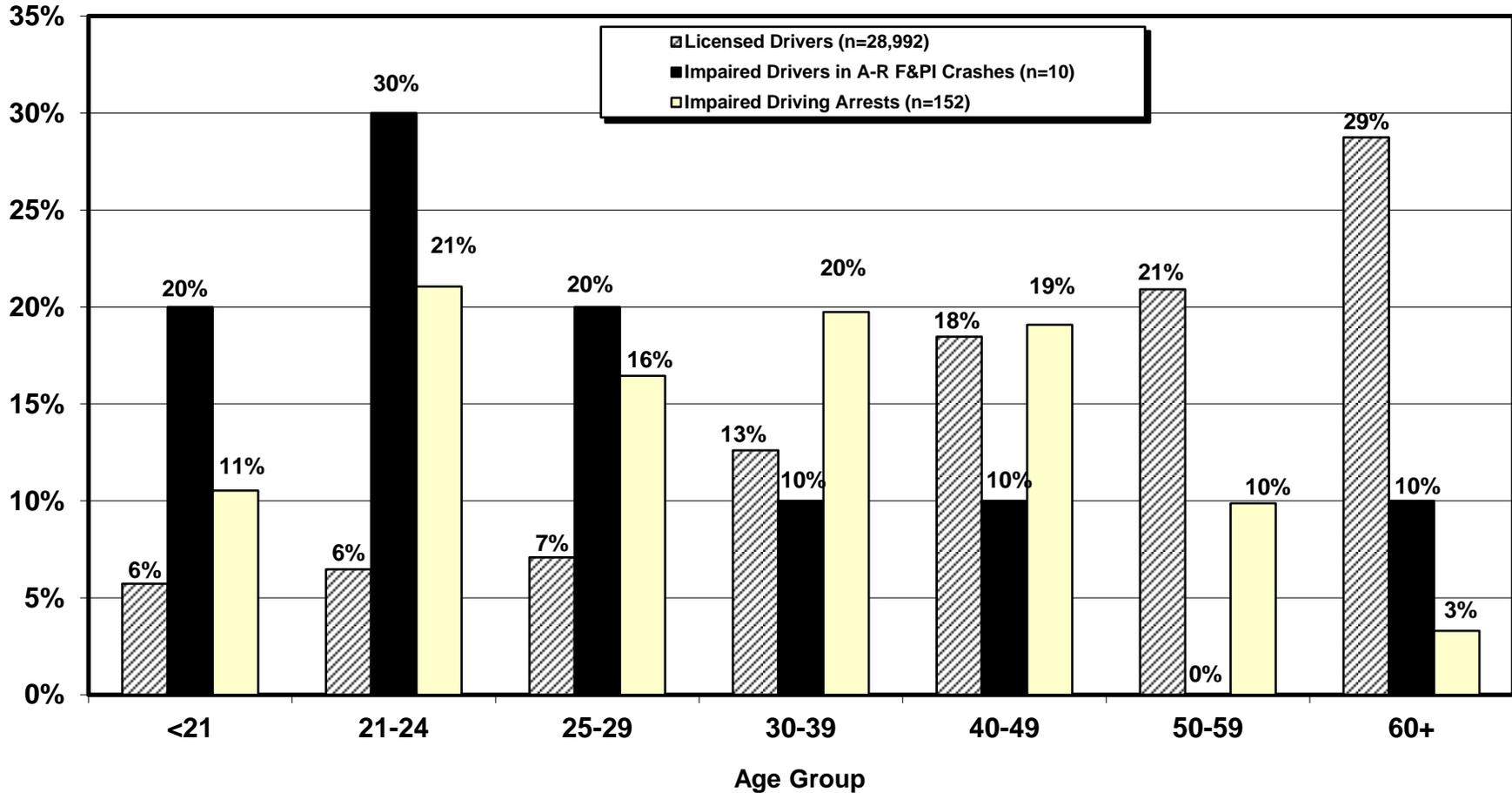
	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	44		52		23	
Driver Inattention/Distracted	5	11.4	4	7.7	0	0.0
Failure to Keep Right	7	15.9	5	9.6	3	13.0
Failure to Yield R.O.W.	2	4.5	0	0.0	1	4.3
Fell Asleep	1	2.3	3	5.8	0	0.0
Following Too Closely	2	4.5	3	5.8	0	0.0
Passing/Lane Violations	0	0.0	4	7.7	4	17.4
Traffic Control Disregarded	3	6.8	4	7.7	1	4.3
Unsafe Speed	8	18.2	10	19.2	4	17.4

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	27	100.0	2	13	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	3.7	0	0	0.0	0
Ages 16-17	0	0.0	0	1	7.7	0
Ages 18-20	3	11.1	0	4	30.8	0
Ages 21-29	8	29.6	0	5	38.5	0
Ages 30-39	4	14.8	1	2	15.4	0
Ages 40-49	5	18.5	0	0	0.0	0
Ages 50-59	3	11.1	0	0	0.0	0
Ages 60-69	3	11.1	1	1	7.7	0
Ages 70 and Over	0	0.0	0	0	0.0	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	29	100.0	23	100.0	11	100.0
No Restraint Used	7	24.1	8	34.8	2	18.2
Restraint Used	19	65.5	11	47.8	7	63.6
Unknown	3	10.3	4	17.4	2	18.2
Motorcyclists	0	0.0	2	100.0	1	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	2	100.0	1	100.0
Unknown	0	0.0	0	0.0	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

FIGURE 1
Orleans 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**

Orleans 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	106	28,877	0.4	122	28,168	0.4	94	28,147	0.3
Fatal Crashes	3	314	1.0	0	289	0.0	3	284	1.1
Non-Fatal Personal Injury Crashes	39	13,202	0.3	48	12,846	0.4	38	12,838	0.3
Reportable Property Damage Crashes	64	15,361	0.4	74	15,033	0.5	53	15,025	0.4
Manner of Collision									
Single Vehicle Crashes	92	17,351	0.5	100	16,991	0.6	67	16,379	0.4
Multiple Vehicle Crashes	14	11,526	0.1	22	11,177	0.2	27	11,768	0.2
Special S-R Crash Series									
S-R Pedestrian/Motor Vehicle Crashes	0	382	0.0	0	411	0.0	1	488	0.2
S-R Bicycle/Motor Vehicle Crashes	0	121	0.0	0	130	0.0	0	133	0.0
S-R Motorcycle Crashes	0	755	0.0	2	846	0.2	2	808	0.2
Fatalities									
Persons Killed (1)	3	357	0.8	0	319	0.0	3	319	0.9
Drivers Killed	2	237	0.8	0	231	0.0	2	211	0.9
<i>Speeding Drivers</i>	2	211	0.9	0	220	0.0	1	195	0.5
<i>Non-Speeding Drivers</i>	0	26	0.0	0	11	0.0	1	16	6.3
Passengers Killed	1	87	1.1	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)	56	19,326	0.3	57	18,910	0.3	57	18,843	0.3
Drivers Injured	32	12,890	0.2	40	12,556	0.3	41	12,382	0.3
Passengers Injured	24	5,853	0.4	17	5,723	0.3	14	5,730	0.2
Pedestrians Injured	0	386	0.0	0	422	0.0	2	514	0.4
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
Orleans County

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	94	16	29	32	17	0
Sunday	16	6	2	6	2	0
Monday	5	0	2	2	1	0
Tuesday	6	1	1	0	4	0
Wednesday	18	3	9	6	0	0
Thursday	9	2	5	2	0	0
Friday	18	1	5	7	5	0
Saturday	22	3	5	9	5	0

	2009		2010		2011	
	#	%	#	%	#	%
Total Drivers	119	100.0	140	100.0	121	100.0
Male	70	58.8	70	50.0	72	59.5
<i>Speeding Drivers</i>	59	49.6	62	44.3	55	45.5
<i>Non-Speeding Drivers</i>	11	9.2	8	5.7	17	14.0
Female	49	41.2	70	50.0	46	38.0
<i>Speeding Drivers</i>	46	38.7	60	42.9	39	32.2
<i>Non-Speeding Drivers</i>	3	2.5	10	7.1	7	5.8
Unknown	0	0.0	0	0.0	3	2.5
<i>Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	0	0.0	0	0.0	3	2.5
Speeding Drivers	105	100.0	122	100.0	94	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	28	26.7	37	30.3	21	22.3
Ages 21-29	32	30.5	42	34.4	37	39.4
Ages 30-39	12	11.4	13	10.7	8	8.5
Ages 40-49	17	16.2	19	15.6	10	10.6
Ages 50-59	8	7.6	8	6.6	8	8.5
Age 60 and Over	8	7.6	3	2.5	10	10.6
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Speeding Drivers	14	100.0	18	100.0	27	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	2	14.3	4	22.2	3	11.1
Ages 21-29	4	28.6	4	22.2	3	11.1
Ages 30-39	1	7.1	2	11.1	4	14.8
Ages 40-49	3	21.4	4	22.2	7	25.9
Ages 50-59	2	14.3	2	11.1	5	18.5
Age 60 and Over	2	14.3	2	11.1	2	7.4
Unknown Age	0	0.0	0	0.0	3	11.1

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

	2009		2010		2011	
	#	%	#	%	#	%
Total Crashes	106		122		94	
Alcohol Involvement	12	11.3	10	8.2	6	6.4
Driver Inattention/Distraction	3	2.8	5	4.1	4	4.3
Driver Inexperience	6	5.7	5	4.1	2	2.1
Failure to Keep Right	2	1.9	3	2.5	1	1.1
Failure to Yield R.O.W.	0	0.0	2	1.6	2	2.1
Following Too Closely	0	0.0	4	3.3	3	3.2
Passing/Lane Violations	2	1.9	5	4.1	3	3.2
Traffic Control Disregarded	4	3.8	3	2.5	0	0.0

Note: Many crashes have multiple factors reported.

Age Group	2010			2011		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	57	100.0	0	60	100.0	2
Under Age 4	0	0.0	0	2	3.3	0
Ages 4-6	2	3.5	0	1	1.7	0
Ages 7-15	4	7.0	0	1	1.7	0
Ages 16-17	4	7.0	0	5	8.3	1
Ages 18-20	14	24.6	0	12	20.0	0
Ages 21-29	14	24.6	0	10	16.7	1
Ages 30-39	6	10.5	0	6	10.0	0
Ages 40-49	6	10.5	0	7	11.7	0
Ages 50-59	4	7.0	0	10	16.7	0
Ages 60-69	1	1.8	0	2	3.3	0
Ages 70 and Over	2	3.5	0	4	6.7	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	59	100.0	55	100.0	56	100.0
No Restraint Used	9	15.3	8	14.5	7	12.5
Restraint Used	50	84.7	46	83.6	47	83.9
Unknown	0	0.0	1	1.8	2	3.6
Motorcyclists	0	0.0	2	100.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	0	0.0	2	100.0	2	100.0
Unknown	0	0.0	0	0.0	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**

Orleans 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	18	5,150	0.3	19	5,570	0.3	11	5,336	0.2
Fatal Crashes	0	152	0.0	1	180	0.6	1	168	0.6
Non-Fatal Personal Injury Crashes	14	4,347	0.3	12	4,757	0.3	10	4,550	0.2
Reportable Property Damage Crashes	4	651	0.6	6	633	0.9	0	618	0.0
Manner of Collision									
Single Motorcycle Crashes	10	2,270	0.4	12	2,426	0.5	10	2,408	0.4
Multiple Vehicle Crashes	8	2,880	0.3	7	3,144	0.2	1	2,928	0.0
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	1	171	0.6
Drivers Killed	0	146	0.0	1	173	0.6	1	162	0.6
<i>Motorcycle Operators</i>	0	146	0.0	1	172	0.6	1	162	0.6
<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)	14	5,042	0.3	13	5,468	0.2	11	5,180	0.2
Drivers Injured	14	4,444	0.3	12	4,819	0.2	9	4,604	0.2
Passengers Injured	0	505	0.0	1	520	0.2	1	485	0.2
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	0	17	0.0	1	10	10.0

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle crashes. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Crash reporting level is \$1,000 or more.
- * The term "vehicle" always excludes bicycles.
- * The term "driver" always excludes bicyclists.
- * Percentages may not total 100.0 due to rounding.

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

Orleans 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	11	1	0	6	4	0
Sunday	2	0	0	1	1	0
Monday	1	0	0	1	0	0
Tuesday	0	0	0	0	0	0
Wednesday	2	1	0	0	1	0
Thursday	1	0	0	1	0	0
Friday	1	0	0	0	1	0
Saturday	4	0	0	3	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Operators	17	100.0	21	100.0	10	100.0
Male	17	100.0	18	85.7	8	80.0
Female	0	0.0	3	14.3	2	20.0
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	1	10.0
Ages 16-20	2	11.8	3	14.3	0	0.0
Ages 21-29	2	11.8	4	19.0	2	20.0
Ages 30-39	4	23.5	3	14.3	1	10.0
Ages 40-49	6	35.3	6	28.6	1	10.0
Ages 50-59	3	17.6	3	14.3	4	40.0
Ages 60 and Over	0	0.0	2	9.5	1	10.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Crash Contributing Factors						
	2009		2010		2011	
	#	%	#	%	#	%
Total MC Crashes	18		17		11	
Alcohol Involvement	1	5.6	1	5.9	1	9.1
Driver Inattention/Distraction	5	27.8	4	23.5	2	18.2
Driver Inexperience	0	0.0	3	17.6	1	9.1
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	5	27.8	2	11.8	0	0.0
Following Too Closely	1	5.6	1	5.9	0	0.0
Passing/Lane Violations	0	0.0	2	11.8	0	0.0
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	2	11.1	2	11.8	0	0.0
Unsafe Speed	0	0.0	2	11.8	2	18.2

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

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

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2009		2010		2011	
	#	%	#	%	#	%
Age Group	14	100.0	14	100.0	12	100.0
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	0	0.0	1	8.3
Ages 16-17	0	0.0	1	7.1	0	0.0
Ages 18-20	2	14.3	2	14.3	0	0.0
Ages 21-29	2	14.3	3	21.4	2	16.7
Ages 30-39	3	21.4	1	7.1	1	8.3
Ages 40-49	4	28.6	4	28.6	2	16.7
Ages 50-59	3	21.4	1	7.1	4	33.3
Ages 60-69	0	0.0	2	14.3	2	16.7
Ages 70 and Over	0	0.0	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	14	100.0	13	100.0	11	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	12	85.7	13	100.0	11	100.0
Unknown	2	14.3	0	0.0	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2007	1,313	0.4	3,414	0.6
2008	1,420	0.4	3,434	0.5
2009	1,425	0.4	3,468	0.5
2010	1,465	0.4	3,504	0.5
2011	1,522	0.4	3,524	0.5

SECTION 5

Ticket Data

ORLEANS COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2009	2010	2011
TOTAL TICKETS ISSUED	7,173	7,341	5,852
SPEED (V&T 1180)	1,760	1,707	1,268
% of total tickets	24.5%	23.3%	21.7%
% convicted on same charge (of adjudicated cases)	28.1%	22.0%	23.6%
SAFETY RESTRAINTS (V&T 1229c)	735	641	362
% of total tickets	10.2%	8.7%	6.2%
% convicted on same charge (of adjudicated cases)	86.3%	81.8%	84.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	73	70	44
IMPAIRED DRIVING (V&T 1192)	346	470	293
% of total tickets	4.8%	6.4%	5.0%
Persons Arrested for Impaired Driving	(N=187)	(N=236)	(N=152)
Case adjudicated	90.9%	92.8%	94.1%
Case pending	9.1%	7.2%	5.9%
Adjudicated Cases*	(N=170)	(N=219)	(N=143)
Convicted on original 1192 charge	34.7%	35.6%	32.2%
Convicted on other 1192 charge	57.7%	57.1%	61.5%
Convicted on non-1192 charge	1.2%	1.4%	2.1%
Dismissed/Acquitted/Convicted on charge associated with different event	6.5%	5.9%	4.2%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYSDMV TSLED ticket system.

ORLEANS COUNTY

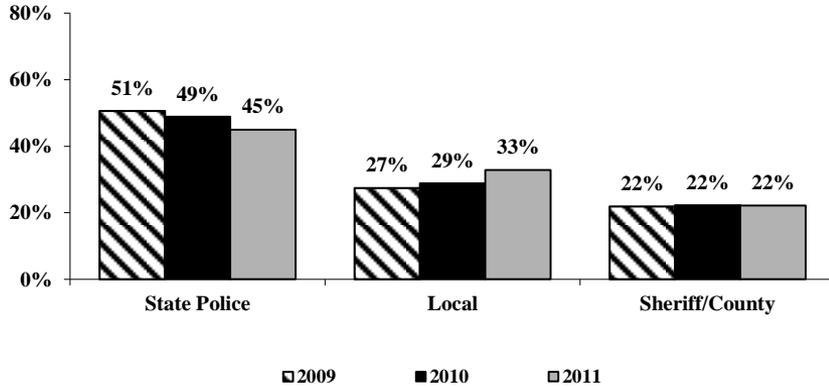
Probation Data for V&T 1192 and 511 Convictions

	2009	2010	2011
Number of Persons Sentenced to Probation	29	37	26
Number of Persons on Probation	88	82	82

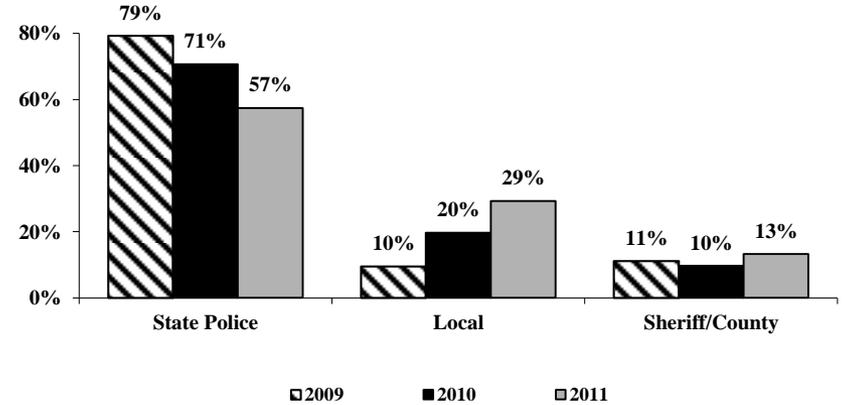
Source: NYS Division of Probation and Correctional Alternatives.

Orleans County Tickets Issued by TSLED Agencies By Agency Type

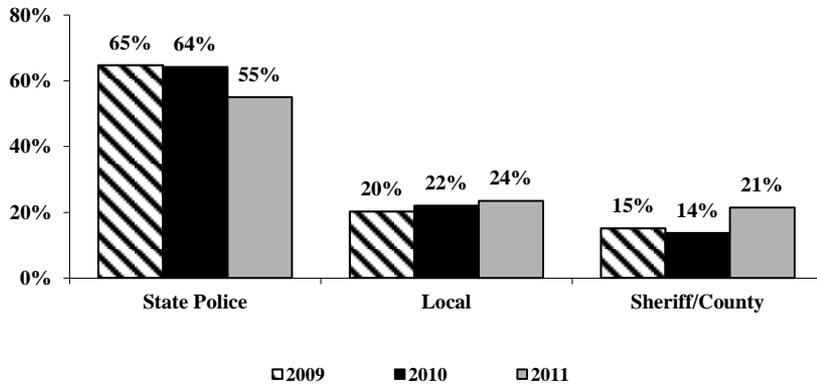
All Tickets



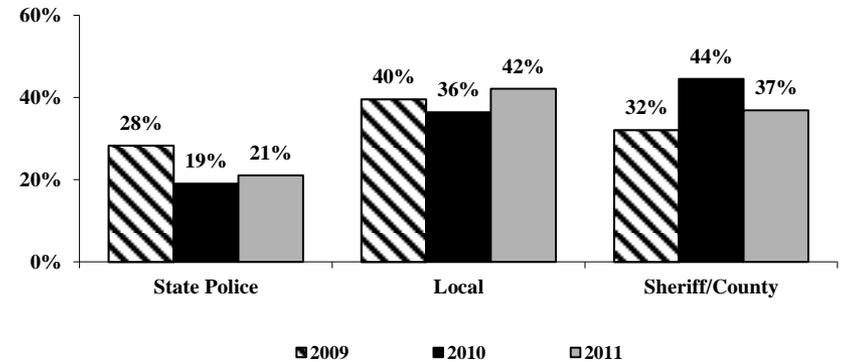
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ORLEANS 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
Orleans Sheriff NCIC 03600	alcohol	117	46.8	33.8	196	51.9	41.7	105	44.3	35.8
	speed	265	43.8	15.1	234	38.9	13.7	272	48.5	21.5
	seatbelt	82	54.3	11.2	62	33.7	9.7	48	31.6	13.3
Village of Albion P.D. NCIC 03620	alcohol	62	24.8	17.9	68	18.0	14.5	37	15.6	12.6
	speed	121	20.0	6.9	170	28.3	10.0	120	21.4	9.5
	seatbelt	50	33.1	6.8	90	48.9	14.0	89	58.6	24.6
Holley Village P.D. NCIC 03621	alcohol	30	12.0	8.7	36	9.5	7.7	29	12.2	9.9
	speed	111	18.3	6.3	55	9.2	3.2	71	12.7	5.6
	seatbelt	11	7.3	1.5	21	11.4	3.3	3	2.0	0.8
Medina P.D. NCIC 03622	alcohol	41	16.4	11.8	78	20.6	16.6	66	27.8	22.5
	speed	108	17.9	6.1	142	23.6	8.3	98	17.5	7.7
	seatbelt	8	5.3	1.1	11	6.0	1.7	12	7.9	3.3
Totals by Agency Type										
Sheriff and Local	alcohol			72.3	378		80.4	237		80.9
	speed			34.4	601		35.2	561		44.2
	seatbelt			20.5	184		28.7	152		42.0
State Police	alcohol	96		27.7	90		19.1	54		18.4
	speed	1,139		64.7	1,097		64.3	698		55.0
	seatbelt	583		79.3	453		70.7	208		57.5
Other <i>incl. Park Police</i>	alcohol	0		0.0	2		0.4	2		0.7
	speed	16		0.9	9		0.5	9		0.7
	seatbelt	1		0.1	4		0.6	2		0.6
County Totals										
	alcohol	346			470			293		
	speed	1,760			1,707			1,268		
	seatbelt	735			641			362		

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