

# ORLEANS 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 2010-2012. Four summary reports provide detailed crash data for the three years 2010-2012. The four crash reports provide data for 1) all crashes, 2) alcohol-related crashes, 3) speed-related crashes, and 4) motorcycle crashes. Caution is advised in interpreting the data in cases where the numbers are very small.

For assistance in using the data in this document or to request additional information about New York's highway safety issues or highway safety grant opportunities for state and local governments or non-profit agencies, please contact

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## **SECTION 1**

### **General Crash Summary Report**

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

**TABLE 1 Crash Summary Totals**

Category Totals	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Crashes</b>	<b>940</b>	<b>315,377</b>	<b>0.3</b>	<b>718</b>	<b>307,550</b>	<b>0.2</b>	<b>673</b>	<b>294,757</b>	<b>0.2</b>
Fatal Crashes	3	1,119	0.3	5	1,077	0.5	4	1,082	0.4
Non-Fatal Personal Injury Crashes	235	134,151	0.2	191	128,036	0.1	158	123,296	0.1
Reportable Property Damage Crashes	702	180,107	0.4	522	178,437	0.3	511	170,379	0.3
<b>Manner of Collision</b>									
Single Vehicle Crashes	575	101,471	0.6	451	98,836	0.5	408	97,456	0.4
Multiple Vehicle Crashes	365	213,906	0.2	267	208,714	0.1	265	197,301	0.1
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	12	16,357	0.1	6	15,928	<0.1	10	15,832	0.1
Bicycle/Motor Vehicle Crashes	10	6,276	0.2	5	6,076	0.1	9	6,137	0.1
Motorcycle Crashes	19	5,570	0.3	11	5,336	0.2	6	5,916	0.1
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>3</b>	<b>1,192</b>	<b>0.3</b>	<b>5</b>	<b>1,153</b>	<b>0.4</b>	<b>4</b>	<b>1,163</b>	<b>0.3</b>
Drivers Killed	3	646	0.5	4	597	0.7	1	612	0.2
Passengers Killed	0	198	0.0	1	203	0.5	1	194	0.5
Pedestrians Killed	0	311	0.0	0	296	0.0	2	312	0.6
Bicyclists Killed	0	36	0.0	0	57	0.0	0	45	0.0
Other	0	1	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>306</b>	<b>187,566</b>	<b>0.2</b>	<b>268</b>	<b>177,445</b>	<b>0.2</b>	<b>229</b>	<b>169,206</b>	<b>0.1</b>
Drivers Injured	202	112,104	0.2	187	106,335	0.2	154	101,605	0.2
Passengers Injured	81	52,421	0.2	69	48,677	0.1	60	45,532	0.1
Pedestrians Injured	12	16,090	0.1	6	15,689	<0.1	7	15,607	<0.1
Bicyclists Injured	10	6,058	0.2	4	5,883	0.1	8	5,929	0.1
Other	1	893	0.1	2	861	0.2	0	533	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  
Motor Vehicle Crashes  
Orleans County**

<b>TABLE 1.1 Crash and Fatality &amp; Injury Rates</b>			
	<b>2010</b>	<b>2011</b>	<b>2012</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	219.20	168.46	157.11
Crash Rate per 10,000 Licensed Drivers	317.57	247.65	233.45
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	72.06	64.05	54.39
Fatality & Injury Rate per 10,000 Licensed Drivers	104.39	94.16	80.82

<b>TABLE 2 Day of Week/Time of Day: 2012</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>673</b>	<b>80</b>	<b>164</b>	<b>212</b>	<b>200</b>	<b>17</b>
Sunday	93	14	17	36	26	0
Monday	87	10	23	26	25	3
Tuesday	76	8	22	16	26	4
Wednesday	99	12	28	29	28	2
Thursday	97	12	19	39	25	2
Friday	101	10	29	36	23	3
Saturday	120	14	26	30	47	3

<b>TABLE 3(P) Police Investigating Agency</b>						
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total</b>	<b>816</b>	<b>100.0</b>	<b>628</b>	<b>100.0</b>	<b>599</b>	<b>100.0</b>
State Police	117	14.3	88	14.0	98	16.4
County Police	500	61.3	399	63.5	343	57.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	199	24.4	141	22.5	158	26.4
Unknown	0	0.0	0	0.0	0	0.0

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

<b>TABLE 4 Jurisdictional Road System</b>						
	2010		2011		2012	
<b>Total</b>	No roadway data are available.					
State Routes						
County Routes						
Town Routes						
Municipal Routes						
Parkways						
Thruway						
Other Interstates						
Unknown						

<b>TABLE 5 Driver Gender and Age</b>						
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>1,214</b>	<b>100.0</b>	<b>945</b>	<b>100.0</b>	<b>888</b>	<b>100.0</b>
Male	655	54.0	534	56.5	499	56.2
Female	520	42.8	386	40.8	354	39.9
Unknown	39	3.2	25	2.6	35	3.9
<b>Age</b>						
Under Age 16	1	0.1	1	0.1	0	0.0
Ages 16-20	185	15.2	127	13.4	121	13.6
Ages 21-29	253	20.8	198	21.0	159	17.9
Ages 30-39	157	12.9	136	14.4	129	14.5
Ages 40-49	209	17.2	172	18.2	162	18.2
Ages 50-59	190	15.7	141	14.9	147	16.6
Ages 60-69	105	8.6	81	8.6	66	7.4
Ages 70 and Over	75	6.2	62	6.6	68	7.7
Unknown Age	39	3.2	27	2.9	36	4.1

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

	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>816</b>		<b>628</b>		<b>599</b>	
Alcohol Involvement*	51	6.3	22	3.5	36	6.0
Backing Unsafely	75	9.2	46	7.3	54	9.0
Driver Inattention/Distraction	128	15.7	95	15.1	97	16.2
Driver Inexperience	14	1.7	13	2.1	11	1.8
Failure to Keep Right	26	3.2	24	3.8	20	3.3
Failure to Yield R.O.W.	96	11.8	76	12.1	70	11.7
Following Too Closely	49	6.0	43	6.8	38	6.3
Passing/Lane Violations	48	5.9	30	4.8	36	6.0
Traffic Control Disregarded	18	2.2	10	1.6	13	2.2
Turning Improperly	22	2.7	9	1.4	13	2.2
Unsafe Speed*	117	14.3	92	14.6	65	10.9

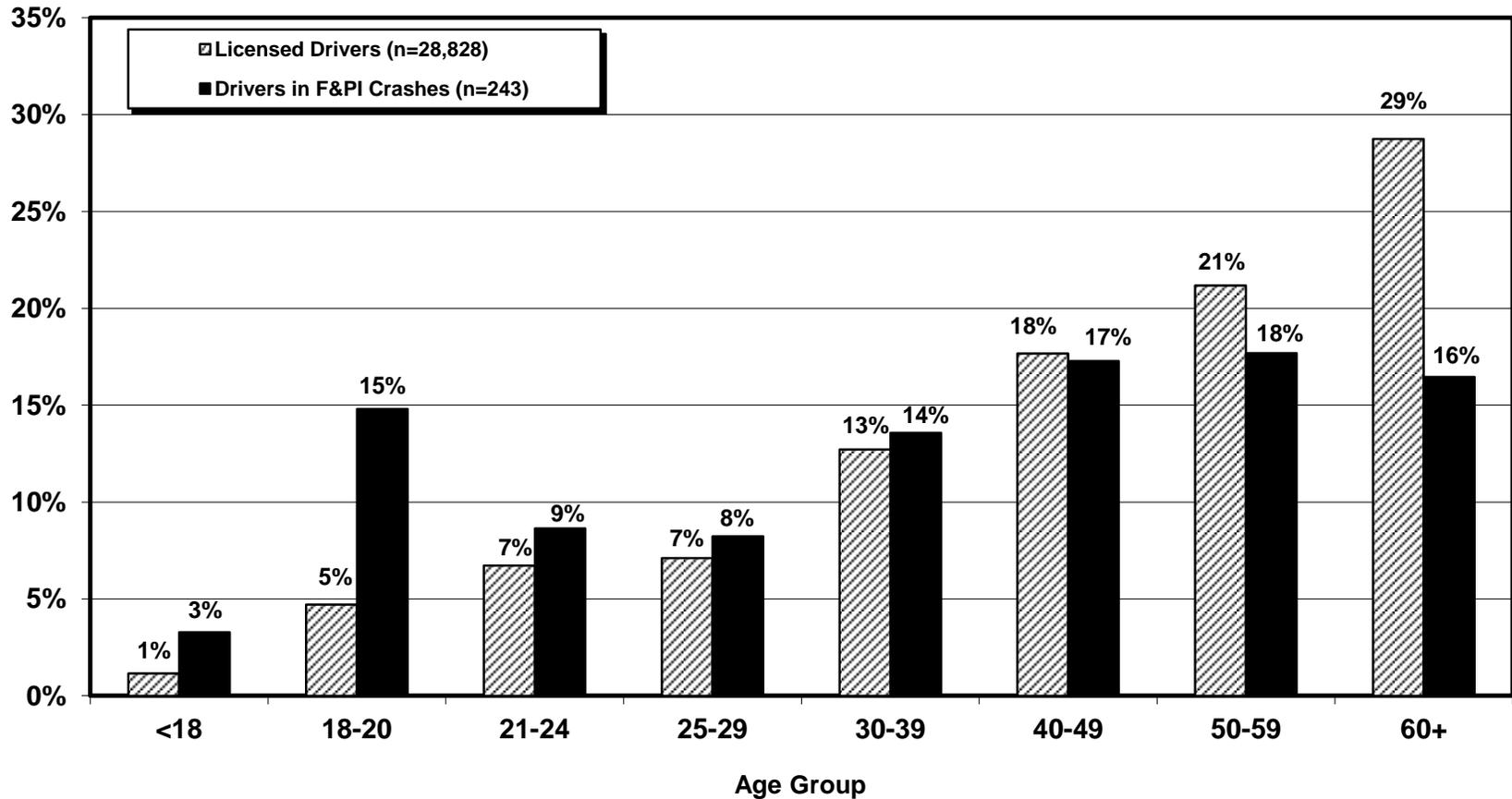
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>273</b>	<b>100.0</b>	<b>10</b>	<b>233</b>	<b>100.0</b>	<b>17</b>
Under Age 4	3	1.1	0	1	0.4	0
Ages 4-6	4	1.5	0	2	0.9	0
Ages 7-15	13	4.8	1	13	5.6	4
Ages 16-17	24	8.8	4	15	6.4	2
Ages 18-20	33	12.1	1	35	15.0	1
Ages 21-29	49	17.9	1	40	17.2	0
Ages 30-39	29	10.6	0	28	12.0	4
Ages 40-49	44	16.1	1	31	13.3	3
Ages 50-59	38	13.9	0	31	13.3	2
Ages 60-69	18	6.6	0	11	4.7	1
Ages 70 and Over	16	5.9	1	24	10.3	0
Unknown Age	2	0.7	1	2	0.9	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>269</b>	<b>100.0</b>	<b>246</b>	<b>100.0</b>	<b>202</b>	<b>100.0</b>
No Restraint Used	28	10.4	19	7.7	30	14.9
Restraint Used	227	84.4	215	87.4	160	79.2
Unknown	14	5.2	12	4.9	12	5.9
<b>Motorcyclists</b>	<b>13</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	13	100.0	11	100.0	8	100.0
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>10</b>	<b>100.0</b>	<b>3</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
No Helmet Used	7	70.0	1	33.3	5	62.5
Helmet Used	1	10.0	0	0.0	3	37.5
Unknown	2	20.0	2	66.7	0	0.0

**FIGURE 1**  
**Orleans County 2012**  
**Licensed Drivers and Drivers Involved in Fatal and Personal Injury Crashes**  
**by Age Group**



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury crashes. 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**

<b>TABLE 9 Fatal &amp; Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities &amp; Injuries by County Jurisdiction</b>															
Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2010			2011			2012			
						F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	F&PI Crashes	Crashes/ Mile	# Killed & Injured	
<b>Towns</b>															
Albion	4,682	10.6	53.3	6.6	87.8	28	0.5	39	23	0.4	32	13	0.2	20	
Barre	2,142	4.9	96.1	11.9	22.3	10	0.1	11	12	0.1	18	9	0.1	15	
Carlton	2,968	6.7	105.8	13.1	28.1	14	0.1	14	10	0.1	11	9	0.1	12	
Clarendon	3,500	7.9	71.9	8.9	48.7	18	0.3	28	15	0.2	17	16	0.2	17	
Gaines	2,510	5.7	51.8	6.4	48.5	16	0.3	22	18	0.3	27	10	0.2	13	
Kendall	2,874	6.5	69.8	8.6	41.2	14	0.2	16	12	0.2	16	11	0.2	22	
Murray	3,112	7.1	67.2	8.3	46.3	12	0.2	17	20	0.3	33	12	0.2	17	
Ridgeway	3,171	7.2	84.7	10.5	37.4	34	0.4	44	26	0.3	38	25	0.3	38	
Shelby	2,725	6.2	77.7	9.6	35.1	25	0.3	33	20	0.3	22	23	0.3	30	
Yates	1,675	3.8	66.4	8.2	25.2	15	0.2	17	3	<0.1	3	4	0.1	6	
<b>Villages</b>															
Albion	5,836	13.2	22.8	2.8	256.0	20	0.9	25	21	0.9	33	14	0.6	20	
Holley	1,773	4.0	7.1	0.9	249.7	3	0.4	4	3	0.4	4	1	0.1	1	
Lyndonville	858	1.9	4.3	0.5	199.5	1	0.2	1	0	na	na	0	na	na	
Medina	6,312	14.3	31.4	3.9	201.0	26	0.8	35	13	0.4	19	15	0.5	22	
<b>Other</b>	<b>unknown</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>2</b>	<b>na</b>	<b>3</b>	<b>0</b>	<b>na</b>	<b>na</b>	<b>0</b>	<b>na</b>	<b>na</b>	
<b>Orleans County Total</b>	<b>44,138</b>		<b>810.3</b>		<b>54.5</b>	<b>238</b>	<b>0.3</b>	<b>309</b>	<b>196</b>	<b>0.2</b>	<b>273</b>	<b>162</b>	<b>0.2</b>	<b>233</b>	
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</b>	<b>135,270</b>	<b>1.2</b>	<b>188,758</b>	<b>129,113</b>	<b>1.1</b>	<b>178,598</b>	<b>124,378</b>	<b>1.1</b>	<b>170,369</b>	

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**

<b>TABLE 1(P) Alcohol-Related (A-R) Crashes</b>									
<b>Category Totals</b>	<b>2010</b>			<b>2011</b>			<b>2012</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Crashes</b>	<b>52</b>	<b>8,613</b>	<b>0.6</b>	<b>23</b>	<b>8,461</b>	<b>0.3</b>	<b>38</b>	<b>8,633</b>	<b>0.4</b>
Fatal Crashes	1	327	0.3	1	330	0.3	1	325	0.3
Non-Fatal Personal Injury Crashes	24	4,445	0.5	9	4,298	0.2	11	4,471	0.2
Reportable Property Damage Crashes	27	3,841	0.7	13	3,833	0.3	26	3,837	0.7
<b>Manner of Collision</b>									
Single Vehicle Crashes	32	4,798	0.7	18	4,646	0.4	20	4,725	0.4
Multiple Vehicle Crashes	20	3,815	0.5	5	3,815	0.1	18	3,908	0.5
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	2	408	0.5	1	460	0.2	1	495	0.2
A-R Bicycle/Motor Vehicle Crashes	0	100	0.0	0	105	0.0	0	118	0.0
A-R Motorcycle Crashes	1	227	0.4	1	204	0.5	0	215	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>354</b>	<b>0.3</b>	<b>1</b>	<b>362</b>	<b>0.3</b>	<b>1</b>	<b>358</b>	<b>0.3</b>
Drivers Killed	1	206	0.5	0	185	0.0	0	188	0.0
<i>Drinking Drivers</i>	1	191	0.5	0	170	0.0	0	171	0.0
<i>Non-Drinking Drivers</i>	0	15	0.0	0	15	0.0	0	17	0.0
Passengers Killed	0	64	0.0	1	73	1.4	0	62	0.0
Pedestrians Killed	0	79	0.0	0	91	0.0	1	99	1.0
Bicyclists Killed	0	5	0.0	0	13	0.0	0	9	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>26</b>	<b>6,337</b>	<b>0.4</b>	<b>12</b>	<b>6,121</b>	<b>0.2</b>	<b>19</b>	<b>6,303</b>	<b>0.3</b>
Drivers Injured	21	4,031	0.5	8	3,874	0.2	13	4,011	0.3
Passengers Injured	3	1,815	0.2	3	1,726	0.2	6	1,741	0.3
Pedestrians Injured	2	344	0.6	0	382	0.0	0	404	0.0
Bicyclists Injured	0	95	0.0	0	91	0.0	0	105	0.0
Other	0	52	0.0	1	48	2.1	0	42	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**  
**Orleans County**

<b>TABLE 2(P) Day of Week/Time of Day: 2012</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>38</b>	<b>13</b>	<b>1</b>	<b>5</b>	<b>19</b>	<b>0</b>
Sunday	8	3	0	2	3	0
Monday	5	0	0	1	4	0
Tuesday	2	1	0	0	1	0
Wednesday	4	1	0	0	3	0
Thursday	6	1	0	1	4	0
Friday	4	3	0	0	1	0
Saturday	9	4	1	1	3	0

<b>TABLE 3(P) Driver Gender and Age</b>						
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>66</b>	<b>100.0</b>	<b>26</b>	<b>100.0</b>	<b>51</b>	<b>100.0</b>
Male	47	71.2	17	65.4	34	66.7
<i>Drinking Drivers</i>	38	57.6	14	53.8	26	51.0
<i>Non-Drinking Drivers</i>	9	13.6	3	11.5	8	15.7
Female	17	25.8	9	34.6	17	33.3
<i>Drinking Drivers</i>	13	19.7	8	30.8	10	19.6
<i>Non-Drinking Drivers</i>	4	6.1	1	3.8	7	13.7
Unknown	2	3.0	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	2	3.0	0	0.0	0	0.0
<b>Drinking Drivers</b>	<b>51</b>	<b>100.0</b>	<b>22</b>	<b>100.0</b>	<b>36</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	7	13.7	3	13.6	5	13.9
Ages 21-29	19	37.3	12	54.5	15	41.7
Ages 30-39	6	11.8	5	22.7	2	5.6
Ages 40-49	7	13.7	1	4.5	10	27.8
Ages 50-59	8	15.7	0	0.0	2	5.6
Age 60 and Over	4	7.8	1	4.5	2	5.6
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Drinking Drivers</b>	<b>15</b>	<b>100.0</b>	<b>4</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	26.7	0	0.0	0	0.0
Ages 21-29	3	20.0	0	0.0	1	6.7
Ages 30-39	2	13.3	1	25.0	4	26.7
Ages 40-49	2	13.3	1	25.0	3	20.0
Ages 50-59	1	6.7	2	50.0	3	20.0
Age 60 and Over	1	6.7	0	0.0	4	26.7
Unknown Age	2	13.3	0	0.0	0	0.0

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

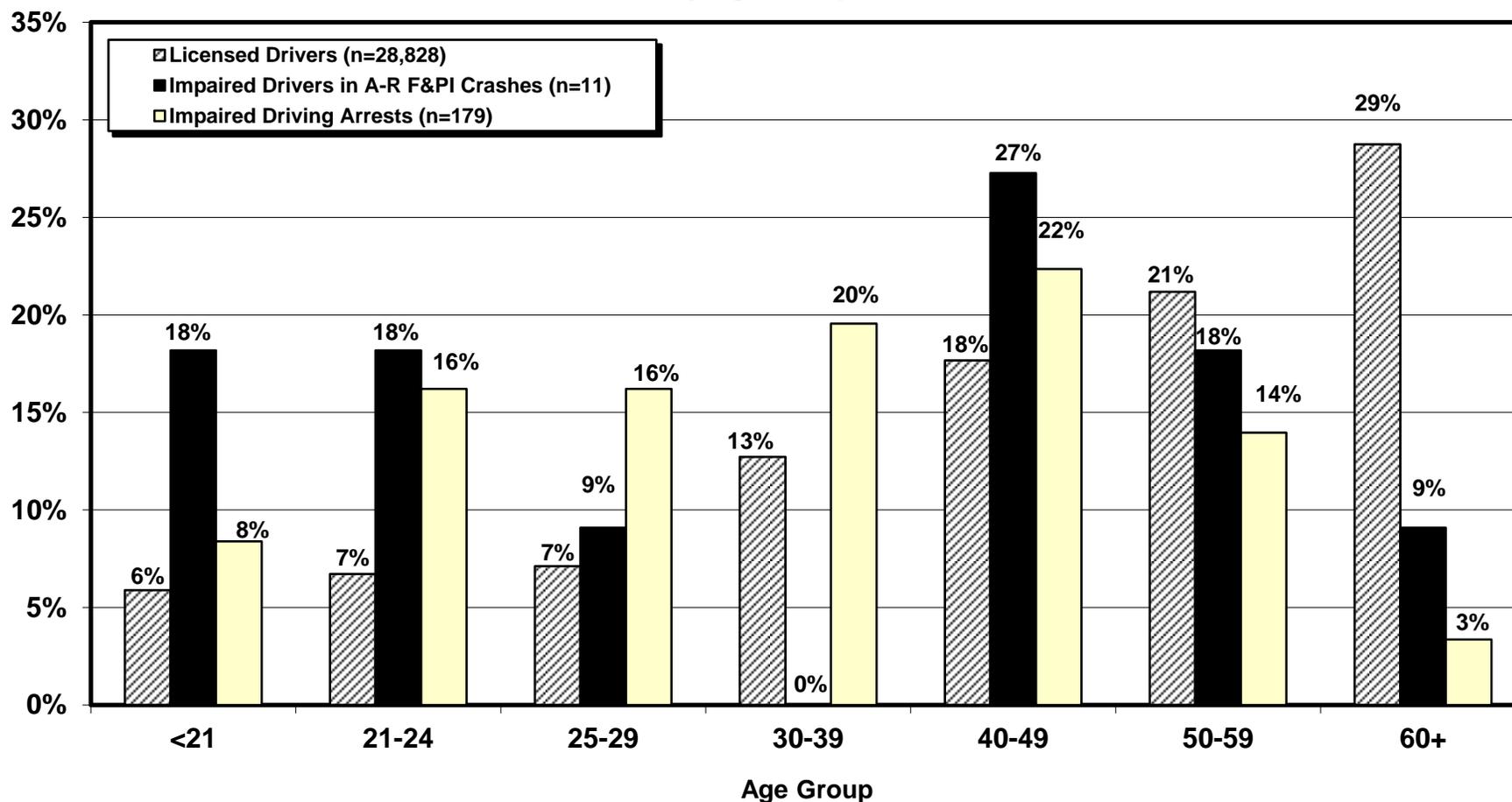
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>52</b>		<b>23</b>		<b>38</b>	
Driver Inattention/Distracted	4	7.7	0	0.0	3	7.9
Failure to Keep Right	5	9.6	3	13.0	6	15.8
Failure to Yield R.O.W.	0	0.0	1	4.3	0	0.0
Fell Asleep	3	5.8	0	0.0	0	0.0
Following Too Closely	3	5.8	0	0.0	0	0.0
Passing/Lane Violations	4	7.7	4	17.4	3	7.9
Traffic Control Disregarded	4	7.7	1	4.3	5	13.2
Unsafe Speed	10	19.2	4	17.4	7	18.4

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>13</b>	<b>100.0</b>	<b>0</b>	<b>20</b>	<b>100.0</b>	<b>1</b>
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	0	0.0	0	1	5.0	0
Ages 16-17	1	7.7	0	1	5.0	0
Ages 18-20	4	30.8	0	2	10.0	0
Ages 21-29	5	38.5	0	6	30.0	0
Ages 30-39	2	15.4	0	0	0.0	0
Ages 40-49	0	0.0	0	6	30.0	1
Ages 50-59	0	0.0	0	2	10.0	0
Ages 60-69	1	7.7	0	2	10.0	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>23</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>
No Restraint Used	8	34.8	2	18.2	5	26.3
Restraint Used	11	47.8	7	63.6	10	52.6
Unknown	4	17.4	2	18.2	4	21.1
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>0</b>	<b>0.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	1	100.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
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 2012**  
**Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Crashes, and Drivers Arrested for Impaired Driving by Age Group**



Note: In interpreting these data, any age group with a greater percentage of impaired drivers involved in A-R fatal and personal injury crashes than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury crashes. Similarly, any age group with a greater percentage of drivers arrested for impaired driving than licensed drivers indicates that drivers in that age group are overrepresented in alcohol-related arrests.

## **SECTION 3**

### **Speed-Related Crash Summary Report**

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

**Orleans County**

<b>TABLE 1(P) Speed-Related (S-R) Crashes</b>									
<b>Category Totals</b>	<b>2010</b>			<b>2011</b>			<b>2012</b>		
	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>	<b>County Total</b>	<b>NYS Total</b>	<b>% of NYS</b>
<b>Total Crashes</b>	<b>122</b>	<b>28,168</b>	<b>0.4</b>	<b>94</b>	<b>28,147</b>	<b>0.3</b>	<b>69</b>	<b>26,630</b>	<b>0.3</b>
Fatal Crashes	0	289	0.0	3	284	1.1	0	310	0.0
Non-Fatal Personal Injury Crashes	48	12,846	0.4	38	12,838	0.3	34	12,216	0.3
Reportable Property Damage Crashes	74	15,033	0.5	53	15,025	0.4	35	14,104	0.2
<b>Manner of Collision</b>									
Single Vehicle Crashes	100	16,991	0.6	67	16,379	0.4	57	15,812	0.4
Multiple Vehicle Crashes	22	11,177	0.2	27	11,768	0.2	12	10,818	0.1
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	0	411	0.0	1	488	0.2	0	465	0.0
S-R Bicycle/Motor Vehicle Crashes	0	130	0.0	0	133	0.0	0	113	0.0
S-R Motorcycle Crashes	2	846	0.2	2	808	0.2	1	876	0.1
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>0</b>	<b>319</b>	<b>0.0</b>	<b>3</b>	<b>319</b>	<b>0.9</b>	<b>0</b>	<b>348</b>	<b>0.0</b>
Drivers Killed	0	231	0.0	2	211	0.9	0	242	0.0
<i>Speeding Drivers</i>	0	220	0.0	1	195	0.5	0	215	0.0
<i>Non-Speeding Drivers</i>	0	11	0.0	1	16	6.3	0	27	0.0
Passengers Killed	0	70	0.0	1	91	1.1	0	77	0.0
Pedestrians Killed	0	16	0.0	0	17	0.0	0	27	0.0
Bicyclists Killed	0	2	0.0	0	0	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>57</b>	<b>18,910</b>	<b>0.3</b>	<b>57</b>	<b>18,843</b>	<b>0.3</b>	<b>51</b>	<b>17,999</b>	<b>0.3</b>
Drivers Injured	40	12,556	0.3	41	12,382	0.3	36	11,899	0.3
Passengers Injured	17	5,723	0.3	14	5,730	0.2	15	5,480	0.3
Pedestrians Injured	0	422	0.0	2	514	0.4	0	462	0.0
Bicyclists Injured	0	128	0.0	0	130	0.0	0	114	0.0
Other	0	81	0.0	0	87	0.0	0	44	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
<b>Total</b>	<b>69</b>	<b>10</b>	<b>20</b>	<b>19</b>	<b>20</b>	<b>0</b>
Sunday	12	2	1	4	5	0
Monday	11	2	7	1	1	0
Tuesday	6	2	3	0	1	0
Wednesday	8	0	3	2	3	0
Thursday	7	1	0	4	2	0
Friday	11	2	2	4	3	0
Saturday	14	1	4	4	5	0

	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>140</b>	<b>100.0</b>	<b>121</b>	<b>100.0</b>	<b>79</b>	<b>100.0</b>
Male	70	50.0	72	59.5	45	57.0
<i>Speeding Drivers</i>	62	44.3	55	45.5	40	50.6
<i>Non-Speeding Drivers</i>	8	5.7	17	14.0	5	6.3
Female	70	50.0	46	38.0	33	41.8
<i>Speeding Drivers</i>	60	42.9	39	32.2	28	35.4
<i>Non-Speeding Drivers</i>	10	7.1	7	5.8	5	6.3
Unknown	0	0.0	3	2.5	1	1.3
<i>Speeding Drivers</i>	0	0.0	0	0.0	1	1.3
<i>Non-Speeding Drivers</i>	0	0.0	3	2.5	0	0.0
<b>Speeding Drivers</b>	<b>122</b>	<b>100.0</b>	<b>94</b>	<b>100.0</b>	<b>69</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	37	30.3	21	22.3	27	39.1
Ages 21-29	42	34.4	37	39.4	15	21.7
Ages 30-39	13	10.7	8	8.5	9	13.0
Ages 40-49	19	15.6	10	10.6	8	11.6
Ages 50-59	8	6.6	8	8.5	5	7.2
Age 60 and Over	3	2.5	10	10.6	4	5.8
Unknown Age	0	0.0	0	0.0	1	1.4
<b>Non-Speeding Drivers</b>	<b>18</b>	<b>100.0</b>	<b>27</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	4	22.2	3	11.1	1	10.0
Ages 21-29	4	22.2	3	11.1	1	10.0
Ages 30-39	2	11.1	4	14.8	2	20.0
Ages 40-49	4	22.2	7	25.9	4	40.0
Ages 50-59	2	11.1	5	18.5	1	10.0
Age 60 and Over	2	11.1	2	7.4	1	10.0
Unknown Age	0	0.0	3	11.1	0	0.0

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

	2010		2011		2012	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>122</b>		<b>94</b>		<b>69</b>	
Alcohol Involvement	10	8.2	6	6.4	9	13.0
Driver Inattention/Distracted	5	4.1	4	4.3	1	1.4
Driver Inexperience	5	4.1	2	2.1	0	0.0
Failure to Keep Right	3	2.5	1	1.1	2	2.9
Failure to Yield R.O.W.	2	1.6	2	2.1	2	2.9
Following Too Closely	4	3.3	3	3.2	2	2.9
Passing/Lane Violations	5	4.1	3	3.2	0	0.0
Traffic Control Disregarded	3	2.5	0	0.0	2	2.9

Note: Many crashes have multiple factors reported.

Age Group	2011			2012		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>60</b>	<b>100.0</b>	<b>2</b>	<b>51</b>	<b>100.0</b>	<b>0</b>
Under Age 4	2	3.3	0	0	0.0	0
Ages 4-6	1	1.7	0	0	0.0	0
Ages 7-15	1	1.7	0	3	5.9	0
Ages 16-17	5	8.3	1	6	11.8	0
Ages 18-20	12	20.0	0	12	23.5	0
Ages 21-29	10	16.7	1	13	25.5	0
Ages 30-39	6	10.0	0	4	7.8	0
Ages 40-49	7	11.7	0	5	9.8	0
Ages 50-59	10	16.7	0	4	7.8	0
Ages 60-69	2	3.3	0	4	7.8	0
Ages 70 and Over	4	6.7	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2010		2011		2012	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>55</b>	<b>100.0</b>	<b>56</b>	<b>100.0</b>	<b>50</b>	<b>100.0</b>
No Restraint Used	8	14.5	7	12.5	5	10.0
Restraint Used	46	83.6	47	83.9	42	84.0
Unknown	1	1.8	2	3.6	3	6.0
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	2	100.0	1	100.0
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.0</b>
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	2010			2011			2012		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Motorcycle Crashes</b>	<b>19</b>	<b>5,570</b>	<b>0.3</b>	<b>11</b>	<b>5,336</b>	<b>0.2</b>	<b>6</b>	<b>5,916</b>	<b>0.1</b>
Fatal Crashes	1	180	0.6	1	168	0.6	1	164	0.6
Non-Fatal Personal Injury Crashes	12	4,757	0.3	10	4,550	0.2	5	5,052	0.1
Reportable Property Damage Crashes	6	633	0.9	0	618	0.0	0	700	0.0
<b>Manner of Collision</b>									
Single Motorcycle Crashes	12	2,426	0.5	10	2,408	0.4	3	2,564	0.1
Multiple Vehicle Crashes	7	3,144	0.2	1	2,928	<0.1	3	3,352	0.1
<b>Special Motorcycle Crash Series</b>									
Motorcycle/Pedestrian Crashes	0	79	0.0	0	64	0.0	0	89	0.0
Motorcycle/Bicycle Crashes	0	28	0.0	0	27	0.0	0	38	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>185</b>	<b>0.5</b>	<b>1</b>	<b>171</b>	<b>0.6</b>	<b>1</b>	<b>173</b>	<b>0.6</b>
Drivers Killed	1	173	0.6	1	162	0.6	1	155	0.6
<i>Motorcycle Operators</i>	1	172	0.6	1	162	0.6	1	154	0.6
<i>Non-Motorcycle Drivers</i>	0	1	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	11	0.0	0	6	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	11	0.0	0	6	0.0	0	10	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	0	0.0	0	1	0.0
Pedestrians Killed	0	1	0.0	0	3	0.0	0	6	0.0
Bicyclists Killed	0	0	0.0	0	0	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>13</b>	<b>5,468</b>	<b>0.2</b>	<b>11</b>	<b>5,180</b>	<b>0.2</b>	<b>7</b>	<b>5,820</b>	<b>0.1</b>
Drivers Injured	12	4,819	0.2	9	4,604	0.2	5	5,129	0.1
Passengers Injured	1	520	0.2	1	485	0.2	2	562	0.4
Pedestrians Injured	0	85	0.0	0	59	0.0	0	88	0.0
Bicyclists Injured	0	27	0.0	0	22	0.0	0	31	0.0
Other	0	17	0.0	1	10	10.0	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**

**Orleans County**

<b>TABLE 2 Day of Week/Time of Day: 2012</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>
Sunday	2	0	0	1	1	0
Monday	1	0	0	0	1	0
Tuesday	1	0	0	1	0	0
Wednesday	1	0	0	1	0	0
Thursday	1	0	0	1	0	0
Friday	0	0	0	0	0	0
Saturday	0	0	0	0	0	0

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>21</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>
Male	18	85.7	8	80.0	6	100.0
Female	3	14.3	2	20.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	1	10.0	0	0.0
Ages 16-20	3	14.3	0	0.0	1	16.7
Ages 21-29	4	19.0	2	20.0	1	16.7
Ages 30-39	3	14.3	1	10.0	1	16.7
Ages 40-49	6	28.6	1	10.0	2	33.3
Ages 50-59	3	14.3	4	40.0	1	16.7
Ages 60 and Over	2	9.5	1	10.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

<b>TABLE 4(P) Select Crash Contributing Factors</b>						
	2010		2011		2012	
	#	%	#	%	#	%
<b>Total MC Crashes</b>	<b>17</b>		<b>11</b>		<b>6</b>	
Alcohol Involvement	1	5.9	1	9.1	0	0.0
Driver Inattention/Distraction	4	23.5	2	18.2	1	16.7
Driver Inexperience	3	17.6	1	9.1	2	33.3
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	2	11.8	0	0.0	1	16.7
Following Too Closely	1	5.9	0	0.0	0	0.0
Passing/Lane Violations	2	11.8	0	0.0	1	16.7
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	2	11.8	0	0.0	0	0.0
Unsafe Speed	2	11.8	2	18.2	1	16.7

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**

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2010</b>		<b>2011</b>		<b>2012</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>14</b>	<b>100.0</b>	<b>12</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
Under Age 4	0	0.0	0	0.0	0	0.0
Ages 4-6	0	0.0	0	0.0	0	0.0
Ages 7-15	0	0.0	1	8.3	0	0.0
Ages 16-17	1	7.1	0	0.0	0	0.0
Ages 18-20	2	14.3	0	0.0	2	25.0
Ages 21-29	3	21.4	2	16.7	1	12.5
Ages 30-39	1	7.1	1	8.3	1	12.5
Ages 40-49	4	28.6	2	16.7	3	37.5
Ages 50-59	1	7.1	4	33.3	1	12.5
Ages 60-69	2	14.3	2	16.7	0	0.0
Ages 70 and Over	0	0.0	0	0.0	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

<b>TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured</b>						
	<b>2010</b>		<b>2011</b>		<b>2012</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>13</b>	<b>100.0</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	13	100.0	11	100.0	8	100.0
Unknown	0	0.0	0	0.0	0	0.0

<b>TABLE 7 Motorcycle Registrations / License Endorsements</b>				
	<b>MC Registrations</b>		<b>MC Licenses</b>	
	<b>#</b>	<b>% of NYS</b>	<b>#</b>	<b>% of NYS</b>
<b>2008</b>	1,420	0.4	3,434	0.5
<b>2009</b>	1,425	0.4	3,468	0.5
<b>2010</b>	1,465	0.4	3,504	0.5
<b>2011</b>	1,522	0.4	3,524	0.5
<b>2012</b>	1,568	0.5	3,563	0.5

## **SECTION 5**

### **Ticket Data**

## ORLEANS COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2010	2011	2012
<b>TOTAL TICKETS ISSUED</b>	<b>7,341</b>	<b>5,852</b>	<b>7,163</b>
<b>SPEED (V&amp;T 1180)</b>	<b>1,707</b>	<b>1,268</b>	<b>1,975</b>
% of total tickets	23.3%	21.7%	27.6%
% convicted on same charge (of adjudicated cases)	22.0%	23.6%	23.3%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>641</b>	<b>362</b>	<b>491</b>
% of total tickets	8.7%	6.2%	6.9%
% convicted on same charge (of adjudicated cases)	81.8%	84.5%	80.3%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>70</i>	<i>44</i>	<i>60</i>
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	<b>470</b>	<b>293</b>	<b>340</b>
% of total tickets	6.4%	5.0%	4.7%
<b>Persons Arrested for Impaired Driving</b>	<b>(N=236)</b>	<b>(N=152)</b>	<b>(N=179)</b>
Case adjudicated	92.8%	94.1%	88.3%
Case pending	7.2%	5.9%	11.7%
<b>Adjudicated Cases*</b>	<b>(N=219)</b>	<b>(N=143)</b>	<b>(N=158)</b>
Convicted on original 1192 charge	35.6%	32.2%	26.6%
Convicted on other 1192 charge	57.1%	61.5%	59.5%
Convicted on non-1192 charge	1.4%	2.1%	2.5%
Dismissed/Acquitted/Convicted on charge associated with different event	5.9%	4.2%	11.4%
* 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: NYS DMV TSLED ticket system.

## ORLEANS COUNTY

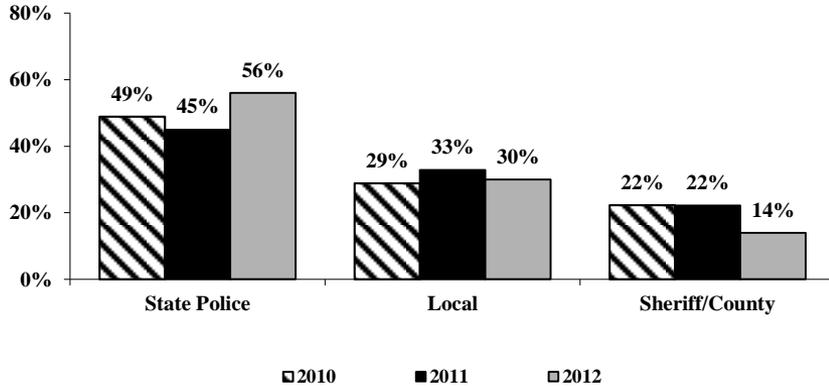
### Probation Data for V&T 1192 and 511 Convictions

	2010	2011	2012
<b>Number of Persons Sentenced to Probation</b>	37	26	26
<b>Number of Persons on Probation</b>	82	82	77

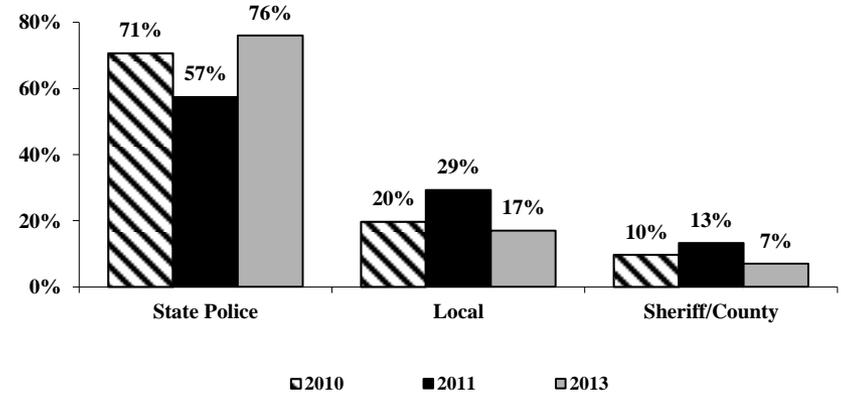
Source: NYS Division of Probation and Correctional Alternatives.

## Orleans County Tickets Issued by TSLED Agencies By Agency Type

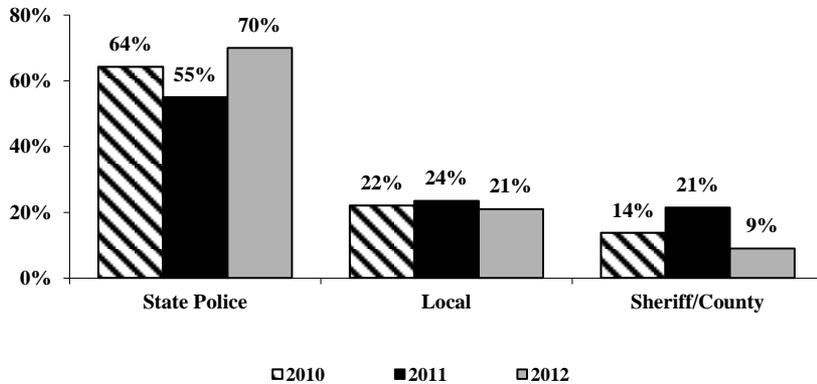
### All Tickets



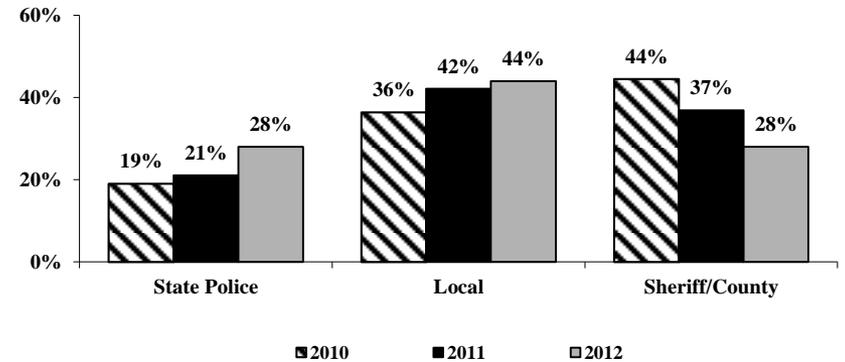
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



# ORLEANS COUNTY

## TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2010			2011			2012		
		#	Shf/Local	% of Co. Total	#	Shf/Local	% of Co. Total	#	Shf/Local	% of Co. Total
Orleans Sheriff NCIC 03600	alcohol	196	51.9	41.7	105	44.3	35.8	95	38.5	27.9
	speed	234	38.9	13.7	272	48.5	21.5	169	29.1	8.6
	seatbelt	62	33.7	9.7	48	31.6	13.3	34	28.6	6.9
Village of Albion P.D. NCIC 03620	alcohol	68	18.0	14.5	37	15.6	12.6	55	22.3	16.2
	speed	170	28.3	10.0	120	21.4	9.5	169	29.1	8.6
	seatbelt	90	48.9	14.0	89	58.6	24.6	68	57.1	13.8
Holley Village P.D. NCIC 03621	alcohol	36	9.5	7.7	29	12.2	9.9	18	7.3	5.3
	speed	55	9.2	3.2	71	12.7	5.6	99	17.0	5.0
	seatbelt	21	11.4	3.3	3	2.0	0.8	2	1.7	0.4
Medina P.D. NCIC 03622	alcohol	78	20.6	16.6	66	27.8	22.5	79	32.0	23.2
	speed	142	23.6	8.3	98	17.5	7.7	144	24.8	7.3
	seatbelt	11	6.0	1.7	12	7.9	3.3	15	12.6	3.1
<b>Totals by Agency Type</b>										
Sheriff and Local	alcohol	378		80.4	237		80.9	247		72.6
	speed	601		35.2	561		44.2	581		29.4
	seatbelt	184		28.7	152		42.0	119		24.2
State Police	alcohol	90		19.1	54		18.4	93		27.4
	speed	1,097		64.3	698		55.0	1,389		70.3
	seatbelt	453		70.7	208		57.5	372		75.8
Other <i>incl. Park Police</i>	alcohol	2		0.4	2		0.7	0		0.0
	speed	9		0.5	9		0.7	5		0.3
	seatbelt	4		0.6	2		0.6	0		0.0
<b>County Totals</b>										
	alcohol	470			293			340		
	speed	1,707			1,268			1,975		
	seatbelt	641			362			491		

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