

# ORLEANS COUNTY

## TRAFFIC SAFETY DATA



Prepared by

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**February 2015**

## COUNTY TRAFFIC SAFETY DATA

This document provides various crash and ticket data for the county. Ticket data are presented for the years 2011-2013. Four summary reports provide detailed crash data for the three years 2011-2013. 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	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Crashes</b>	<b>718</b>	<b>307,550</b>	<b>0.2</b>	<b>673</b>	<b>294,757</b>	<b>0.2</b>	<b>813</b>	<b>304,804</b>	<b>0.3</b>
Fatal Crashes	5	1,077	0.5	4	1,082	0.4	7	1,109	0.6
Non-Fatal Personal Injury Crashes	191	128,036	0.1	158	123,296	0.1	188	124,505	0.2
Reportable Property Damage Crashes	522	178,437	0.3	511	170,379	0.3	618	179,190	0.3
<b>Manner of Collision</b>									
Single Vehicle Crashes	451	98,836	0.5	408	97,456	0.4	521	101,607	0.5
Multiple Vehicle Crashes	267	208,714	0.1	265	197,301	0.1	292	203,197	0.1
<b>Special Crash Series</b>									
Pedestrian/Motor Vehicle Crashes	6	15,928	<0.1	10	15,832	0.1	5	16,432	<0.1
Bicycle/Motor Vehicle Crashes	5	6,076	0.1	9	6,137	0.1	5	6,328	0.1
Motorcycle Crashes	11	5,336	0.2	6	5,916	0.1	17	5,190	0.3
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>5</b>	<b>1,153</b>	<b>0.4</b>	<b>4</b>	<b>1,163</b>	<b>0.3</b>	<b>7</b>	<b>1,188</b>	<b>0.6</b>
Drivers Killed	4	597	0.7	1	612	0.2	7	625	1.1
Passengers Killed	1	203	0.5	1	194	0.5	0	178	0.0
Pedestrians Killed	0	296	0.0	2	312	0.6	0	344	0.0
Bicyclists Killed	0	57	0.0	0	45	0.0	0	40	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
<b>Non-Fatal Injuries</b>									
<b>Persons Injured (1)</b>	<b>268</b>	<b>177,445</b>	<b>0.2</b>	<b>229</b>	<b>169,206</b>	<b>0.1</b>	<b>272</b>	<b>169,177</b>	<b>0.2</b>
Drivers Injured	187	106,335	0.2	154	101,605	0.2	180	101,317	0.2
Passengers Injured	69	48,677	0.1	60	45,532	0.1	83	45,003	0.2
Pedestrians Injured	6	15,689	<0.1	7	15,607	<0.1	4	16,278	<0.1
Bicyclists Injured	4	5,883	0.1	8	5,929	0.1	5	6,140	0.1
Other	2	861	0.2	0	533	0.0	0	439	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>2011</b>	<b>2012</b>	<b>2013</b>
<b>Crash Rates</b>			
Crash Rate per 10,000 Population	168.46	157.11	192.49
Crash Rate per 10,000 Licensed Drivers	247.65	233.45	281.54
<b>Fatality &amp; Injury Rates</b>			
Fatality & Injury Rate per 10,000 Population	64.05	54.39	66.06
Fatality & Injury Rate per 10,000 Licensed Drivers	94.16	80.82	96.62

<b>TABLE 2 Day of Week/Time of Day: 2013</b>						
	<b>Total Crashes</b>	<b>Time of Day</b>				
		<b>Mid-6am</b>	<b>6am-Noon</b>	<b>Noon-6pm</b>	<b>6pm-Mid</b>	<b>Unknown</b>
<b>Total</b>	<b>813</b>	<b>116</b>	<b>212</b>	<b>237</b>	<b>220</b>	<b>28</b>
Sunday	110	21	27	28	29	5
Monday	117	15	33	38	26	5
Tuesday	117	19	34	37	21	6
Wednesday	120	16	29	38	33	4
Thursday	93	10	26	21	32	4
Friday	145	17	33	48	45	2
Saturday	111	18	30	27	34	2

<b>TABLE 3(P) Police Investigating Agency</b>						
	<b>2011</b>		<b>2012</b>		<b>2013</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Total</b>	<b>628</b>	<b>100.0</b>	<b>599</b>	<b>100.0</b>	<b>709</b>	<b>100.0</b>
State Police	88	14.0	98	16.4	117	16.5
County Police	399	63.5	343	57.3	405	57.1
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	141	22.5	158	26.4	187	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>						
	2011		2012		2013	
<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>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>945</b>	<b>100.0</b>	<b>888</b>	<b>100.0</b>	<b>1,048</b>	<b>100.0</b>
Male	534	56.5	499	56.2	609	58.1
Female	386	40.8	354	39.9	411	39.2
Unknown	25	2.6	35	3.9	28	2.7
<b>Age</b>						
Under Age 16	1	0.1	0	0.0	0	0.0
Ages 16-20	127	13.4	121	13.6	143	13.6
Ages 21-29	198	21.0	159	17.9	196	18.7
Ages 30-39	136	14.4	129	14.5	163	15.6
Ages 40-49	172	18.2	162	18.2	175	16.7
Ages 50-59	141	14.9	147	16.6	155	14.8
Ages 60-69	81	8.6	66	7.4	116	11.1
Ages 70 and Over	62	6.6	68	7.7	72	6.9
Unknown Age	27	2.9	36	4.1	28	2.7

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

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>628</b>		<b>599</b>		<b>709</b>	
Alcohol Involvement*	22	3.5	36	6.0	35	4.9
Backing Unsafely	46	7.3	54	9.0	49	6.9
Driver Inattention/Distraction	95	15.1	97	16.2	121	17.1
Driver Inexperience	13	2.1	11	1.8	17	2.4
Failure to Keep Right	24	3.8	20	3.3	36	5.1
Failure to Yield R.O.W.	76	12.1	70	11.7	84	11.8
Following Too Closely	43	6.8	38	6.3	34	4.8
Passing/Lane Violations	30	4.8	36	6.0	38	5.4
Traffic Control Disregarded	10	1.6	13	2.2	14	2.0
Turning Improperly	9	1.4	13	2.2	20	2.8
Unsafe Speed*	92	14.6	65	10.9	110	15.5

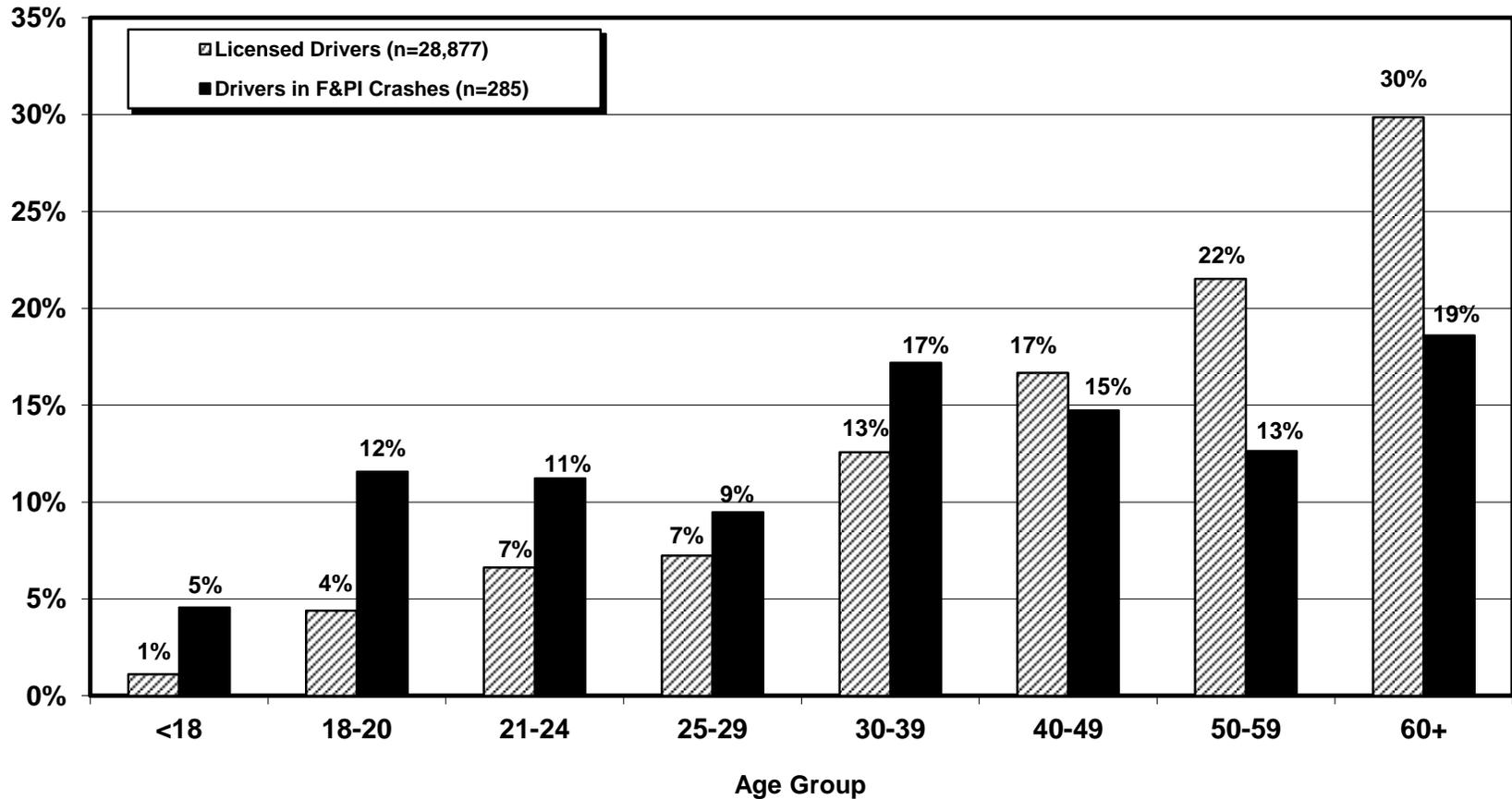
\* These numbers represent the total number of crashes in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related crashes that occurred in the county. For data 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	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>233</b>	<b>100.0</b>	<b>17</b>	<b>279</b>	<b>100.0</b>	<b>9</b>
Under Age 4	1	0.4	0	4	1.4	0
Ages 4-6	2	0.9	0	5	1.8	0
Ages 7-15	13	5.6	4	20	7.2	3
Ages 16-17	15	6.4	2	22	7.9	0
Ages 18-20	35	15.0	1	31	11.1	0
Ages 21-29	40	17.2	0	53	19.0	1
Ages 30-39	28	12.0	4	41	14.7	2
Ages 40-49	31	13.3	3	32	11.5	0
Ages 50-59	31	13.3	2	24	8.6	0
Ages 60-69	11	4.7	1	23	8.2	3
Ages 70 and Over	24	10.3	0	20	7.2	0
Unknown Age	2	0.9	0	4	1.4	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>246</b>	<b>100.0</b>	<b>202</b>	<b>100.0</b>	<b>256</b>	<b>100.0</b>
No Restraint Used	19	7.7	30	14.9	35	13.7
Restraint Used	215	87.4	160	79.2	203	79.3
Unknown	12	4.9	12	5.9	18	7.0
<b>Motorcyclists</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	1	7.7
Helmet Used	11	100.0	8	100.0	12	92.3
Unknown	0	0.0	0	0.0	0	0.0
<b>Bicyclists</b>	<b>3</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>
No Helmet Used	1	33.3	5	62.5	3	60.0
Helmet Used	0	0.0	3	37.5	1	20.0
Unknown	2	66.7	0	0.0	1	20.0

**FIGURE 1**  
**Orleans County 2013**  
**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	2011			2012			2013			
						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	23	0.4	32	13	0.2	20	28	0.5	41	
Barre	2,142	4.9	96.1	11.9	22.3	12	0.1	18	9	0.1	15	7	0.1	12	
Carlton	2,968	6.7	105.8	13.1	28.1	10	0.1	11	9	0.1	12	15	0.1	22	
Clarendon	3,500	7.9	71.9	8.9	48.7	15	0.2	17	16	0.2	17	15	0.2	18	
Gaines	2,510	5.7	51.8	6.4	48.5	18	0.3	27	10	0.2	13	17	0.3	23	
Kendall	2,874	6.5	69.8	8.6	41.2	12	0.2	16	11	0.2	22	12	0.2	16	
Murray	3,112	7.1	67.2	8.3	46.3	20	0.3	33	12	0.2	17	18	0.3	24	
Ridgeway	3,171	7.2	84.7	10.5	37.4	26	0.3	38	25	0.3	38	28	0.3	46	
Shelby	2,725	6.2	77.7	9.6	35.1	20	0.3	22	23	0.3	30	18	0.2	26	
Yates	1,675	3.8	66.4	8.2	25.2	3	<0.1	3	4	0.1	6	4	0.1	5	
<b>Villages</b>															
Albion	5,836	13.2	22.8	2.8	256.0	21	0.9	33	14	0.6	20	17	0.7	25	
Holley	1,773	4.0	7.1	0.9	249.7	3	0.4	4	1	0.1	1	3	0.4	3	
Lyndonville	858	1.9	4.3	0.5	199.5	0	na	na	0	na	na	1	0.2	1	
Medina	6,312	14.3	31.4	3.9	201.0	13	0.4	19	15	0.5	22	12	0.4	18	
<b>Other</b>	<b>unknown</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>0</b>	<b>na</b>	<b>na</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>196</b>	<b>0.2</b>	<b>273</b>	<b>162</b>	<b>0.2</b>	<b>233</b>	<b>195</b>	<b>0.2</b>	<b>279</b>	
<b>New York State</b>	<b>19,227,088</b>		<b>113342.8</b>		<b>169.6</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>	<b>125,614</b>	<b>1.1</b>	<b>170,365</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**

**TABLE 1(P) Alcohol-Related (A-R) Crashes**

Category Totals	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Crashes</b>	<b>23</b>	<b>8,461</b>	<b>0.3</b>	<b>38</b>	<b>8,633</b>	<b>0.4</b>	<b>35</b>	<b>8,368</b>	<b>0.4</b>
Fatal Crashes	1	330	0.3	1	325	0.3	0	358	0.0
Non-Fatal Personal Injury Crashes	9	4,298	0.2	11	4,471	0.2	21	4,248	0.5
Reportable Property Damage Crashes	13	3,833	0.3	26	3,837	0.7	14	3,762	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	18	4,646	0.4	20	4,725	0.4	26	4,690	0.6
Multiple Vehicle Crashes	5	3,815	0.1	18	3,908	0.5	9	3,678	0.2
<b>Special A-R Crash Series</b>									
A-R Pedestrian/Motor Vehicle Crashes	1	460	0.2	1	495	0.2	0	495	0.0
A-R Bicycle/Motor Vehicle Crashes	0	105	0.0	0	118	0.0	0	127	0.0
A-R Motorcycle Crashes	1	204	0.5	0	215	0.0	0	182	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>362</b>	<b>0.3</b>	<b>1</b>	<b>358</b>	<b>0.3</b>	<b>0</b>	<b>387</b>	<b>0.0</b>
Drivers Killed	0	185	0.0	0	188	0.0	0	214	0.0
<i>Drinking Drivers</i>	0	170	0.0	0	171	0.0	0	201	0.0
<i>Non-Drinking Drivers</i>	0	15	0.0	0	17	0.0	0	13	0.0
Passengers Killed	1	73	1.4	0	62	0.0	0	62	0.0
Pedestrians Killed	0	91	0.0	1	99	1.0	0	98	0.0
Bicyclists Killed	0	13	0.0	0	9	0.0	0	13	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>12</b>	<b>6,121</b>	<b>0.2</b>	<b>19</b>	<b>6,303</b>	<b>0.3</b>	<b>20</b>	<b>6,019</b>	<b>0.3</b>
Drivers Injured	8	3,874	0.2	13	4,011	0.3	17	3,754	0.5
Passengers Injured	3	1,726	0.2	6	1,741	0.3	3	1,729	0.2
Pedestrians Injured	0	382	0.0	0	404	0.0	0	400	0.0
Bicyclists Injured	0	91	0.0	0	105	0.0	0	110	0.0
Other	1	48	2.1	0	42	0.0	0	26	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**

	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>35</b>	<b>18</b>	<b>2</b>	<b>3</b>	<b>12</b>	<b>0</b>
Sunday	10	3	2	0	5	0
Monday	2	1	0	1	0	0
Tuesday	2	2	0	0	0	0
Wednesday	3	2	0	0	1	0
Thursday	7	3	0	1	3	0
Friday	4	3	0	0	1	0
Saturday	7	4	0	1	2	0

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>26</b>	<b>100.0</b>	<b>51</b>	<b>100.0</b>	<b>40</b>	<b>100.0</b>
Male	17	65.4	34	66.7	31	77.5
<i>Drinking Drivers</i>	14	53.8	26	51.0	29	72.5
<i>Non-Drinking Drivers</i>	3	11.5	8	15.7	2	5.0
Female	9	34.6	17	33.3	9	22.5
<i>Drinking Drivers</i>	8	30.8	10	19.6	6	15.0
<i>Non-Drinking Drivers</i>	1	3.8	7	13.7	3	7.5
Unknown	0	0.0	0	0.0	0	0.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<b>Drinking Drivers</b>	<b>22</b>	<b>100.0</b>	<b>36</b>	<b>100.0</b>	<b>35</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	13.6	5	13.9	3	8.6
Ages 21-29	12	54.5	15	41.7	12	34.3
Ages 30-39	5	22.7	2	5.6	6	17.1
Ages 40-49	1	4.5	10	27.8	11	31.4
Ages 50-59	0	0.0	2	5.6	3	8.6
Age 60 and Over	1	4.5	2	5.6	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0
<b>Non-Drinking Drivers</b>	<b>4</b>	<b>100.0</b>	<b>15</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	0	0.0	1	20.0
Ages 21-29	0	0.0	1	6.7	1	20.0
Ages 30-39	1	25.0	4	26.7	0	0.0
Ages 40-49	1	25.0	3	20.0	1	20.0
Ages 50-59	2	50.0	3	20.0	1	20.0
Age 60 and Over	0	0.0	4	26.7	1	20.0
Unknown Age	0	0.0	0	0.0	0	0.0

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

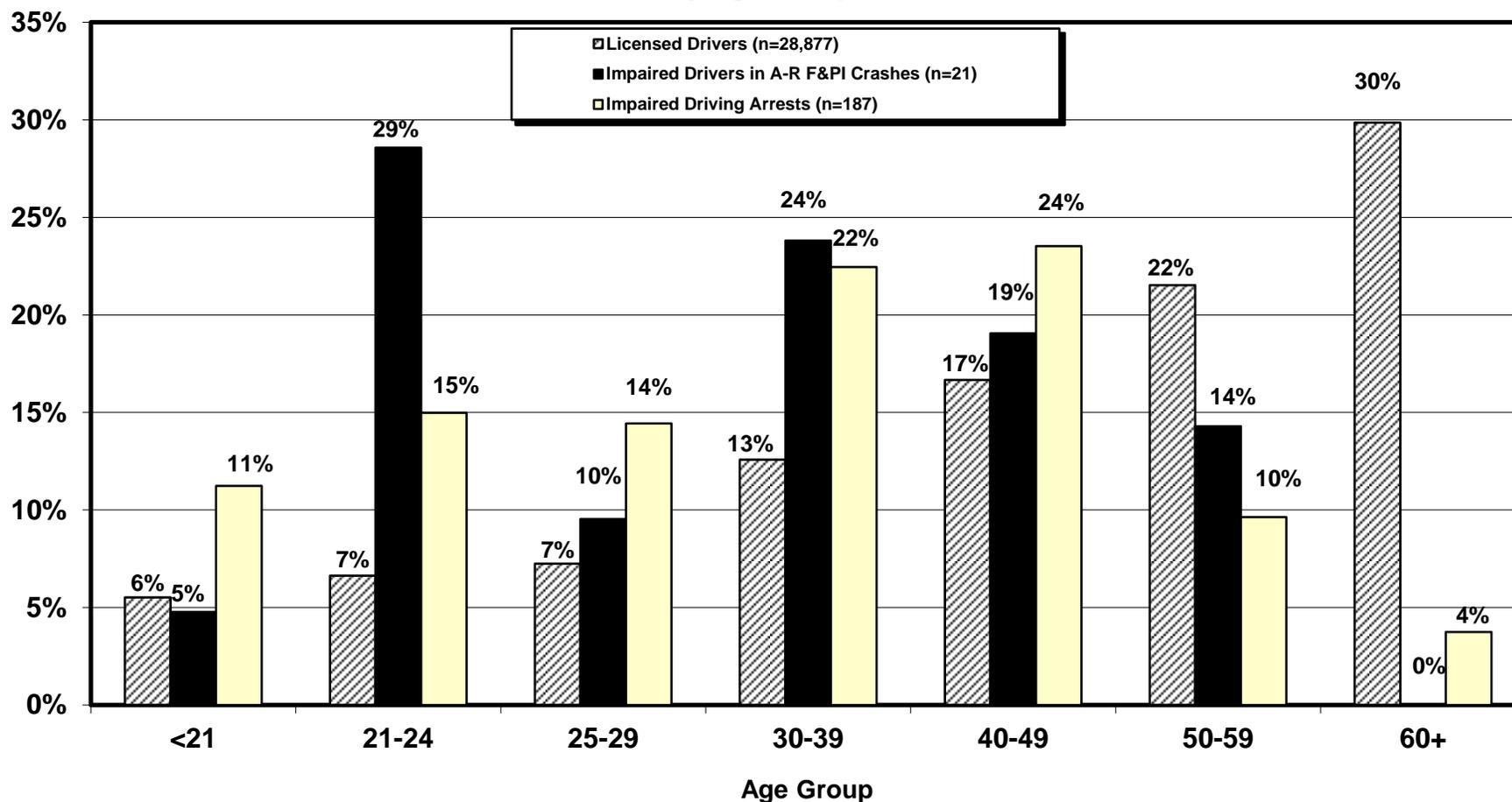
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>23</b>		<b>38</b>		<b>35</b>	
Driver Inattention/Distracted	0	0.0	3	7.9	1	2.9
Failure to Keep Right	3	13.0	6	15.8	12	34.3
Failure to Yield R.O.W.	1	4.3	0	0.0	2	5.7
Fell Asleep	0	0.0	0	0.0	1	2.9
Following Too Closely	0	0.0	0	0.0	0	0.0
Passing/Lane Violations	4	17.4	3	7.9	3	8.6
Traffic Control Disregarded	1	4.3	5	13.2	1	2.9
Unsafe Speed	4	17.4	7	18.4	9	25.7

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>20</b>	<b>100.0</b>	<b>1</b>	<b>20</b>	<b>100.0</b>	<b>0</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	1	5.0	0	0	0.0	0
Ages 16-17	1	5.0	0	0	0.0	0
Ages 18-20	2	10.0	0	1	5.0	0
Ages 21-29	6	30.0	0	7	35.0	0
Ages 30-39	0	0.0	0	5	25.0	0
Ages 40-49	6	30.0	1	5	25.0	0
Ages 50-59	2	10.0	0	2	10.0	0
Ages 60-69	2	10.0	0	0	0.0	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>11</b>	<b>100.0</b>	<b>19</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>
No Restraint Used	2	18.2	5	26.3	3	15.0
Restraint Used	7	63.6	10	52.6	13	65.0
Unknown	2	18.2	4	21.1	4	20.0
<b>Motorcyclists</b>	<b>1</b>	<b>100.0</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	1	100.0	0	0.0	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 2013**  
**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>2011</b>			<b>2012</b>			<b>2013</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>94</b>	<b>28,147</b>	<b>0.3</b>	<b>69</b>	<b>26,630</b>	<b>0.3</b>	<b>113</b>	<b>29,178</b>	<b>0.4</b>
Fatal Crashes	3	284	1.1	0	310	0.0	3	318	0.9
Non-Fatal Personal Injury Crashes	38	12,838	0.3	34	12,216	0.3	49	12,977	0.4
Reportable Property Damage Crashes	53	15,025	0.4	35	14,104	0.2	61	15,883	0.4
<b>Manner of Collision</b>									
Single Vehicle Crashes	67	16,379	0.4	57	15,812	0.4	87	17,164	0.5
Multiple Vehicle Crashes	27	11,768	0.2	12	10,818	0.1	26	12,014	0.2
<b>Special S-R Crash Series</b>									
S-R Pedestrian/Motor Vehicle Crashes	1	488	0.2	0	465	0.0	1	453	0.2
S-R Bicycle/Motor Vehicle Crashes	0	133	0.0	0	113	0.0	0	161	0.0
S-R Motorcycle Crashes	2	808	0.2	1	876	0.1	3	791	0.4
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>3</b>	<b>319</b>	<b>0.9</b>	<b>0</b>	<b>348</b>	<b>0.0</b>	<b>3</b>	<b>352</b>	<b>0.9</b>
Drivers Killed	2	211	0.9	0	242	0.0	3	250	1.2
<i>Speeding Drivers</i>	1	195	0.5	0	215	0.0	3	237	1.3
<i>Non-Speeding Drivers</i>	1	16	6.3	0	27	0.0	0	13	0.0
Passengers Killed	1	91	1.1	0	77	0.0	0	79	0.0
Pedestrians Killed	0	17	0.0	0	27	0.0	0	23	0.0
Bicyclists Killed	0	0	0.0	0	2	0.0	0	0	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>18,843</b>	<b>0.3</b>	<b>51</b>	<b>17,999</b>	<b>0.3</b>	<b>70</b>	<b>18,944</b>	<b>0.4</b>
Drivers Injured	41	12,382	0.3	36	11,899	0.3	44	12,623	0.3
Passengers Injured	14	5,730	0.2	15	5,480	0.3	25	5,656	0.4
Pedestrians Injured	2	514	0.4	0	462	0.0	1	463	0.2
Bicyclists Injured	0	130	0.0	0	114	0.0	0	160	0.0
Other	0	87	0.0	0	44	0.0	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**  
**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>113</b>	<b>17</b>	<b>33</b>	<b>42</b>	<b>21</b>	<b>0</b>
Sunday	16	2	6	4	4	0
Monday	17	2	3	10	2	0
Tuesday	9	2	2	3	2	0
Wednesday	12	3	0	7	2	0
Thursday	12	3	4	4	1	0
Friday	27	1	10	10	6	0
Saturday	20	4	8	4	4	0

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Drivers</b>	<b>121</b>	<b>100.0</b>	<b>79</b>	<b>100.0</b>	<b>133</b>	<b>100.0</b>
Male	72	59.5	45	57.0	82	61.7
<i>Speeding Drivers</i>	55	45.5	40	50.6	71	53.4
<i>Non-Speeding Drivers</i>	17	14.0	5	6.3	11	8.3
Female	46	38.0	33	41.8	50	37.6
<i>Speeding Drivers</i>	39	32.2	28	35.4	41	30.8
<i>Non-Speeding Drivers</i>	7	5.8	5	6.3	9	6.8
Unknown	3	2.5	1	1.3	1	0.8
<i>Speeding Drivers</i>	0	0.0	1	1.3	1	0.8
<i>Non-Speeding Drivers</i>	3	2.5	0	0.0	0	0.0
<b>Speeding Drivers</b>	<b>94</b>	<b>100.0</b>	<b>69</b>	<b>100.0</b>	<b>113</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	21	22.3	27	39.1	32	28.3
Ages 21-29	37	39.4	15	21.7	27	23.9
Ages 30-39	8	8.5	9	13.0	16	14.2
Ages 40-49	10	10.6	8	11.6	15	13.3
Ages 50-59	8	8.5	5	7.2	12	10.6
Age 60 and Over	10	10.6	4	5.8	10	8.8
Unknown Age	0	0.0	1	1.4	1	0.9
<b>Non-Speeding Drivers</b>	<b>27</b>	<b>100.0</b>	<b>10</b>	<b>100.0</b>	<b>20</b>	<b>100.0</b>
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	3	11.1	1	10.0	1	5.0
Ages 21-29	3	11.1	1	10.0	4	20.0
Ages 30-39	4	14.8	2	20.0	5	25.0
Ages 40-49	7	25.9	4	40.0	1	5.0
Ages 50-59	5	18.5	1	10.0	3	15.0
Age 60 and Over	2	7.4	1	10.0	6	30.0
Unknown Age	3	11.1	0	0.0	0	0.0

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

	2011		2012		2013	
	#	%	#	%	#	%
<b>Total Crashes</b>	<b>94</b>		<b>69</b>		<b>113</b>	
Alcohol Involvement	6	6.4	9	13.0	10	8.8
Driver Inattention/Distracted	4	4.3	1	1.4	3	2.7
Driver Inexperience	2	2.1	0	0.0	2	1.8
Failure to Keep Right	1	1.1	2	2.9	4	3.5
Failure to Yield R.O.W.	2	2.1	2	2.9	3	2.7
Following Too Closely	3	3.2	2	2.9	4	3.5
Passing/Lane Violations	3	3.2	0	0.0	5	4.4
Traffic Control Disregarded	0	0.0	2	2.9	4	3.5

Note: Many crashes have multiple factors reported.

Age Group	2012			2013		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
<b>Total</b>	<b>51</b>	<b>100.0</b>	<b>0</b>	<b>73</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	3	5.9	0	8	11.0	0
Ages 16-17	6	11.8	0	11	15.1	0
Ages 18-20	12	23.5	0	12	16.4	0
Ages 21-29	13	25.5	0	12	16.4	0
Ages 30-39	4	7.8	0	9	12.3	0
Ages 40-49	5	9.8	0	10	13.7	0
Ages 50-59	4	7.8	0	5	6.8	0
Ages 60-69	4	7.8	0	5	6.8	1
Ages 70 and Over	0	0.0	0	1	1.4	0
Unknown Age	0	0.0	0	0	0.0	0

	2011		2012		2013	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
<b>Motor Vehicle Occupants</b>	<b>56</b>	<b>100.0</b>	<b>50</b>	<b>100.0</b>	<b>70</b>	<b>100.0</b>
No Restraint Used	7	12.5	5	10.0	9	12.9
Restraint Used	47	83.9	42	84.0	59	84.3
Unknown	2	3.6	3	6.0	2	2.9
<b>Motorcyclists</b>	<b>2</b>	<b>100.0</b>	<b>1</b>	<b>100.0</b>	<b>2</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	2	100.0	1	100.0	2	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	2011			2012			2013		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
<b>Total Motorcycle Crashes</b>	<b>11</b>	<b>5,336</b>	<b>0.2</b>	<b>6</b>	<b>5,916</b>	<b>0.1</b>	<b>17</b>	<b>5,190</b>	<b>0.3</b>
Fatal Crashes	1	168	0.6	1	164	0.6	0	164	0.0
Non-Fatal Personal Injury Crashes	10	4,550	0.2	5	5,052	0.1	12	4,387	0.3
Reportable Property Damage Crashes	0	618	0.0	0	700	0.0	5	639	0.8
<b>Manner of Collision</b>									
Single Motorcycle Crashes	10	2,408	0.4	3	2,564	0.1	11	2,207	0.5
Multiple Vehicle Crashes	1	2,928	<0.1	3	3,352	0.1	6	2,983	0.2
<b>Special Motorcycle Crash Series</b>									
Motorcycle/Pedestrian Crashes	0	64	0.0	0	89	0.0	0	105	0.0
Motorcycle/Bicycle Crashes	0	27	0.0	0	38	0.0	0	36	0.0
<b>Fatalities</b>									
<b>Persons Killed (1)</b>	<b>1</b>	<b>171</b>	<b>0.6</b>	<b>1</b>	<b>173</b>	<b>0.6</b>	<b>0</b>	<b>171</b>	<b>0.0</b>
Drivers Killed	1	162	0.6	1	155	0.6	0	157	0.0
<i>Motorcycle Operators</i>	1	162	0.6	1	154	0.6	0	157	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	1	0.0	0	0	0.0
Passengers Killed	0	6	0.0	0	11	0.0	0	9	0.0
<i>Motorcycle Passengers</i>	0	6	0.0	0	10	0.0	0	8	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	3	0.0	0	6	0.0	0	5	0.0
Bicyclists Killed	0	0	0.0	0	1	0.0	0	0	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>11</b>	<b>5,180</b>	<b>0.2</b>	<b>7</b>	<b>5,820</b>	<b>0.1</b>	<b>13</b>	<b>5,017</b>	<b>0.3</b>
Drivers Injured	9	4,604	0.2	5	5,129	0.1	12	4,434	0.3
Passengers Injured	1	485	0.2	2	562	0.4	1	456	0.2
Pedestrians Injured	0	59	0.0	0	88	0.0	0	96	0.0
Bicyclists Injured	0	22	0.0	0	31	0.0	0	29	0.0
Other	1	10	10.0	0	10	0.0	0	2	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: 2013</b>						
	Total Crashes	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
<b>Total</b>	<b>17</b>	<b>0</b>	<b>3</b>	<b>7</b>	<b>6</b>	<b>1</b>
Sunday	4	0	0	3	1	0
Monday	1	0	0	1	0	0
Tuesday	3	0	1	1	1	0
Wednesday	3	0	1	0	2	0
Thursday	2	0	0	0	1	1
Friday	0	0	0	0	0	0
Saturday	4	0	1	2	1	0

<b>TABLE 3 Motorcycle Operator Gender and Age</b>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total MC Operators</b>	<b>10</b>	<b>100.0</b>	<b>6</b>	<b>100.0</b>	<b>17</b>	<b>100.0</b>
Male	8	80.0	6	100.0	15	88.2
Female	2	20.0	0	0.0	2	11.8
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	1	10.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	16.7	0	0.0
Ages 21-29	2	20.0	1	16.7	7	41.2
Ages 30-39	1	10.0	1	16.7	2	11.8
Ages 40-49	1	10.0	2	33.3	3	17.6
Ages 50-59	4	40.0	1	16.7	2	11.8
Ages 60 and Over	1	10.0	0	0.0	3	17.6
Unknown Age	0	0.0	0	0.0	0	0.0

<b>TABLE 4(P) Select Crash Contributing Factors</b>						
	2011		2012		2013	
	#	%	#	%	#	%
<b>Total MC Crashes</b>	<b>11</b>		<b>6</b>		<b>16</b>	
Alcohol Involvement	1	9.1	0	0.0	0	0.0
Driver Inattention/Distraction	2	18.2	1	16.7	1	6.3
Driver Inexperience	1	9.1	2	33.3	2	12.5
Failure to Keep Right	0	0.0	0	0.0	0	0.0
Failure to Yield R.O.W.	0	0.0	1	16.7	2	12.5
Following Too Closely	0	0.0	0	0.0	1	6.3
Passing/Lane Violations	0	0.0	1	16.7	1	6.3
Traffic Control Disregarded	0	0.0	0	0.0	1	6.3
Turning Improperly	0	0.0	0	0.0	1	6.3
Unsafe Speed	2	18.2	1	16.7	3	18.8

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

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

<b>TABLE 5 Motorcyclists Killed or Injured by Age Group</b>						
	<b>2011</b>		<b>2012</b>		<b>2013</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Age Group</b>	<b>12</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>13</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	1	8.3	0	0.0	0	0.0
Ages 16-17	0	0.0	0	0.0	0	0.0
Ages 18-20	0	0.0	2	25.0	0	0.0
Ages 21-29	2	16.7	1	12.5	5	38.5
Ages 30-39	1	8.3	1	12.5	2	15.4
Ages 40-49	2	16.7	3	37.5	3	23.1
Ages 50-59	4	33.3	1	12.5	1	7.7
Ages 60-69	2	16.7	0	0.0	2	15.4
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>2011</b>		<b>2012</b>		<b>2013</b>	
	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>	<b>#</b>	<b>%</b>
<b>Motorcyclists</b>	<b>11</b>	<b>100.0</b>	<b>8</b>	<b>100.0</b>	<b>13</b>	<b>100.0</b>
No Helmet Used	0	0.0	0	0.0	1	7.7
Helmet Used	11	100.0	8	100.0	12	92.3
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>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
<b>2013</b>	1,541	0.4	3,618	0.5

## **SECTION 5**

### **Ticket Data**

## ORLEANS COUNTY

### Tickets Issued and Conviction Rates for Select Violations

	2011	2012	2013
<b>TOTAL TICKETS ISSUED</b>	<b>5,852</b>	<b>7,163</b>	<b>7,044</b>
<b>SPEED (V&amp;T 1180)</b>	<b>1,268</b>	<b>1,975</b>	<b>1,714</b>
% of total tickets	21.7%	27.6%	24.3%
% convicted on same charge (of adjudicated cases)	23.6%	23.3%	25.6%
<b>SAFETY RESTRAINTS (V&amp;T 1229c)</b>	<b>362</b>	<b>491</b>	<b>310</b>
% of total tickets	6.2%	6.9%	4.4%
% convicted on same charge (of adjudicated cases)	84.5%	80.3%	77.5%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	<i>44</i>	<i>60</i>	<i>35</i>
<b>IMPAIRED DRIVING (V&amp;T 1192)</b>	<b>293</b>	<b>340</b>	<b>333</b>
% of total tickets	5.0%	4.7%	4.7%
<b>Persons Arrested for Impaired Driving</b>	<b>(N=152)</b>	<b>(N=179)</b>	<b>(N=187)</b>
Case adjudicated	94.1%	88.3%	89.8%
Case pending	5.9%	11.7%	10.2%
<b>Adjudicated Cases*</b>	<b>(N=143)</b>	<b>(N=158)</b>	<b>(N=168)</b>
Convicted on original 1192 charge	32.2%	26.6%	24.4%
Convicted on other 1192 charge	61.5%	59.5%	62.5%
Convicted on non-1192 charge	2.1%	2.5%	5.4%
Dismissed/Acquitted/Convicted on charge associated with different event	4.2%	11.4%	7.7%

\* 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

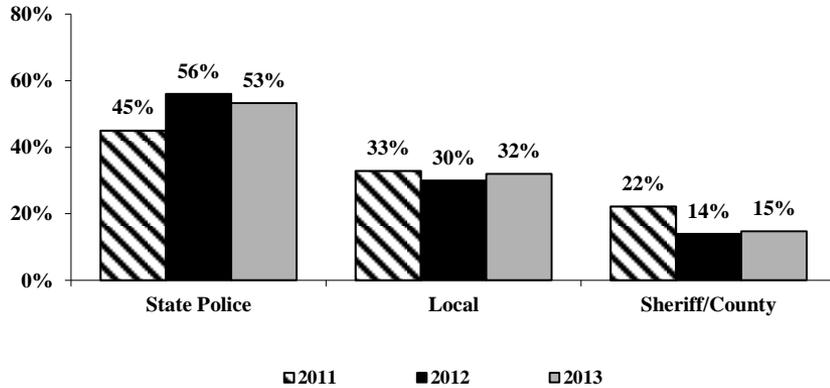
### Probation Data for V&T 1192 and 511 Convictions

	2011	2012	2013
<b>Number of Persons Sentenced to Probation</b>	26	26	25
<b>Number of Persons on Probation</b>	82	77	79

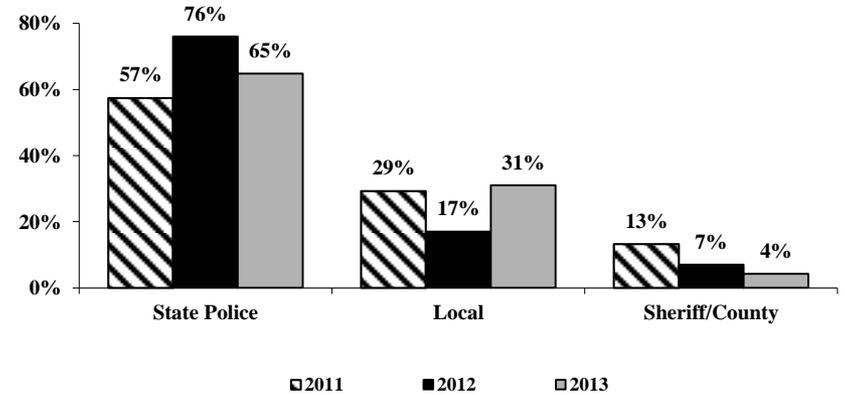
Source: NYS Office of Probation and Correctional Alternatives.

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

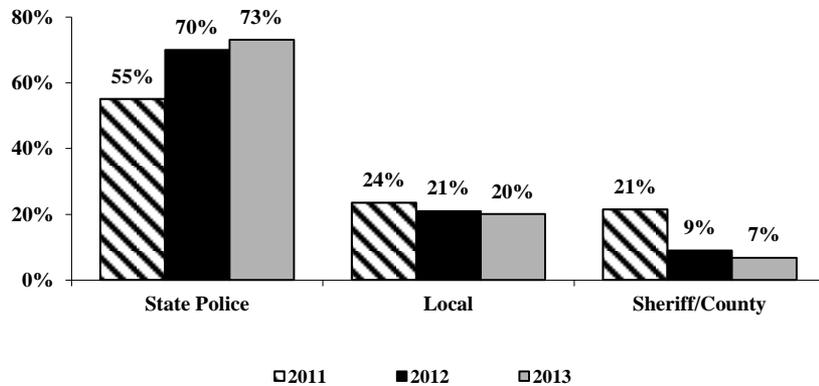
### All Tickets



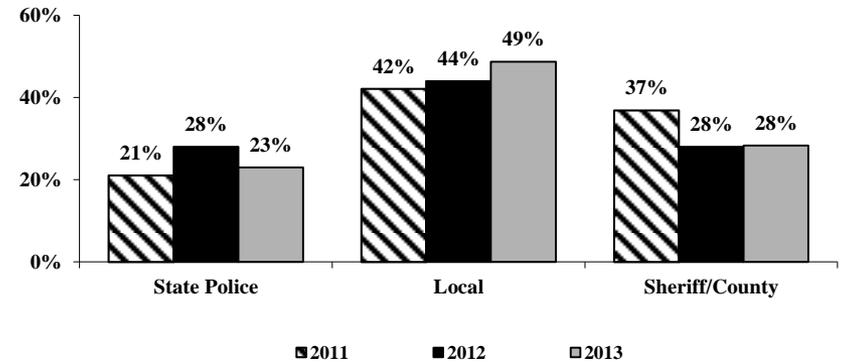
### Seat Belt Tickets



### Speed Tickets



### Persons Ticketed for Impaired Driving



# ORLEANS COUNTY

## TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2011			2012			2013		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Orleans Sheriff NCIC 03600	alcohol	105	44.3	35.8	95	38.5	27.9	87	34.1	26.1
	speed	272	48.5	21.5	169	29.1	8.6	117	25.7	6.8
	seatbelt	48	31.6	13.3	34	28.6	6.9	13	11.9	4.2
Village of Albion P.D. NCIC 03620	alcohol	37	15.6	12.6	55	22.3	16.2	66	25.9	19.8
	speed	120	21.4	9.5	169	29.1	8.6	162	35.5	9.5
	seatbelt	89	58.6	24.6	68	57.1	13.8	75	68.8	24.2
Holley Village P.D. NCIC 03621	alcohol	29	12.2	9.9	18	7.3	5.3	8	3.1	2.4
	speed	71	12.7	5.6	99	17.0	5.0	46	10.1	2.7
	seatbelt	3	2.0	0.8	2	1.7	0.4	2	1.8	0.6
Medina P.D. NCIC 03622	alcohol	66	27.8	22.5	79	32.0	23.2	94	36.9	28.2
	speed	98	17.5	7.7	144	24.8	7.3	131	28.7	7.6
	seatbelt	12	7.9	3.3	15	12.6	3.1	19	17.4	6.1
<b>Totals by Agency Type</b>										
Sheriff and Local	alcohol			80.9	247		72.6	255		76.6
	speed			44.2	581		29.4	456		26.6
	seatbelt			42.0	119		24.2	109		35.2
State Police	alcohol			18.4	93		27.4	78		23.4
	speed			55.0	1,389		70.3	1,253		73.1
	seatbelt			57.5	372		75.8	201		64.8
Other <i>incl. Park Police</i>	alcohol			0.7	0		0.0	0		0.0
	speed			0.7	5		0.3	5		0.3
	seatbelt			0.6	0		0.0	0		0.0
<b>County Totals</b>										
	alcohol	<b>293</b>			<b>340</b>			<b>333</b>		
	speed	<b>1,268</b>			<b>1,975</b>			<b>1,714</b>		
	seatbelt	<b>362</b>			<b>491</b>			<b>310</b>		

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