

ORLEANS COUNTY

TRAFFIC SAFETY DATA



Prepared by

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COUNTY TRAFFIC SAFETY DATA

This document provides various accident and ticket data for the county. Ticket data are presented for the years 2008-2010. Four summary reports provide detailed accident data for the three years 2008-2010. The four accident reports provide data for 1) all accidents, 2) alcohol-related accidents, 3) speed-related accidents, and 4) motorcycle accidents. 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, please contact

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	Oneida	Schenectady	Orange	Genesee
	Onondaga	Schoharie	Putnam	Livingston
	Oswego	Suffolk	Rockland	Monroe
	St. Lawrence	Westchester	Saratoga	Niagara
	Seneca		Sullivan	Ontario
	Wayne		Ulster	Orleans
			Washington	Otsego
				Schuyler
				Steuben
				Tioga
				Tompkins
				Wyoming
				Yates

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SECTION 1

General Accident Summary Report

New York State Department of Motor Vehicles
Motor Vehicle Accidents
Orleans County

TABLE 1 Accident Summary Totals

Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	742	316,231	0.2	779	314,974	0.2	940	315,377	0.3
Fatal Accidents	7	1,160	0.6	6	1,060	0.6	3	1,119	0.3
Non-Fatal Personal Injury Accidents	210	134,894	0.2	214	133,888	0.2	235	134,151	0.2
Reportable Property Damage Accidents	525	180,177	0.3	559	180,026	0.3	702	180,107	0.4
Manner of Collision									
Single Vehicle Accidents	425	104,790	0.4	468	101,080	0.5	575	101,471	0.6
Multiple Vehicle Accidents	317	211,441	0.1	311	213,894	0.1	365	213,906	0.2
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	4	15,620	<0.1	8	15,682	0.1	12	16,357	0.1
Bicycle/Motor Vehicle Accidents	9	5,646	0.2	9	5,620	0.2	10	6,276	0.2
Motorcycle Accidents	10	5,396	0.2	18	5,150	0.3	19	5,570	0.3
Fatalities									
Persons Killed (1)	7	1,224	0.6	6	1,148	0.5	3	1,192	0.3
Drivers Killed	6	669	0.9	3	603	0.5	3	646	0.5
Passengers Killed	1	211	0.5	3	209	1.4	0	198	0.0
Pedestrians Killed	0	302	0.0	0	307	0.0	0	311	0.0
Bicyclists Killed	0	42	0.0	0	29	0.0	0	36	0.0
Other	0	0	0.0	0	0	0.0	0	1	0.0
Non-Fatal Injuries									
Persons Injured (1)	290	187,160	0.2	286	186,034	0.2	306	187,566	0.2
Drivers Injured	196	114,393	0.2	181	112,855	0.2	202	112,104	0.2
Passengers Injured	79	51,120	0.2	87	51,499	0.2	81	52,421	0.2
Pedestrians Injured	4	15,317	<0.1	7	15,321	<0.1	12	16,090	0.1
Bicyclists Injured	9	5,422	0.2	9	5,405	0.2	10	6,058	0.2
Other	2	908	0.2	2	954	0.2	1	893	0.1

(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 accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident 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 Accidents
Orleans County**

TABLE 1.1 Crash and Fatality & Injury Rates			
	2008	2009	2010
Crash Rates			
Crash Rate per 10,000 Population	176.10	185.25	219.20
Crash Rate per 10,000 Licensed Drivers	247.79	261.64	317.57
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	70.49	69.44	72.06
Fatality & Injury Rate per 10,000 Licensed Drivers	99.18	98.07	104.39

TABLE 2 Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	940	110	225	300	269	36
Sunday	109	19	21	36	29	4
Monday	122	12	31	44	32	3
Tuesday	129	13	33	41	34	8
Wednesday	171	20	51	53	45	2
Thursday	123	16	30	31	42	4
Friday	169	12	35	62	51	9
Saturday	117	18	24	33	36	6

TABLE 3(P) Police Investigating Agency						
	2008		2009		2010	
	#	%	#	%	#	%
Total	618	100.0	663	100.0	816	100.0
State Police	106	17.2	111	16.7	117	14.3
County Police	325	52.6	375	56.6	500	61.3
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	187	30.3	177	26.7	199	24.4
Unknown	0	0.0	0	0.0	0	0.0

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

TABLE 4 Jurisdictional Road System						
	2008		2009		2010	
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						
	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	1,002	100.0	1,042	100.0	1,214	100.0
Male	562	56.1	597	57.3	655	54.0
Female	408	40.7	415	39.8	520	42.8
Unknown	32	3.2	30	2.9	39	3.2
Age						
Under Age 16	0	0.0	1	0.1	1	0.1
Ages 16-20	182	18.2	157	15.1	185	15.2
Ages 21-29	185	18.5	206	19.8	253	20.8
Ages 30-39	130	13.0	141	13.5	157	12.9
Ages 40-49	189	18.9	184	17.7	209	17.2
Ages 50-59	137	13.7	148	14.2	190	15.7
Ages 60-69	85	8.5	102	9.8	105	8.6
Ages 70 and Over	60	6.0	69	6.6	75	6.2
Unknown Age	34	3.4	34	3.3	39	3.2

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

	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	618		663		816	
Alcohol Involvement*	47	7.6	42	6.3	51	6.3
Backing Unsafely	41	6.6	48	7.2	75	9.2
Driver Inattention/Distraction	145	23.5	160	24.1	128	15.7
Driver Inexperience	21	3.4	18	2.7	14	1.7
Failure to Keep Right	24	3.9	27	4.1	26	3.2
Failure to Yield R.O.W.	89	14.4	88	13.3	96	11.8
Following Too Closely	33	5.3	45	6.8	49	6.0
Passing/Lane Violations	33	5.3	21	3.2	48	5.9
Traffic Control Disregarded	11	1.8	19	2.9	18	2.2
Turning Improperly	18	2.9	15	2.3	22	2.7
Unsafe Speed*	137	22.2	101	15.2	117	14.3

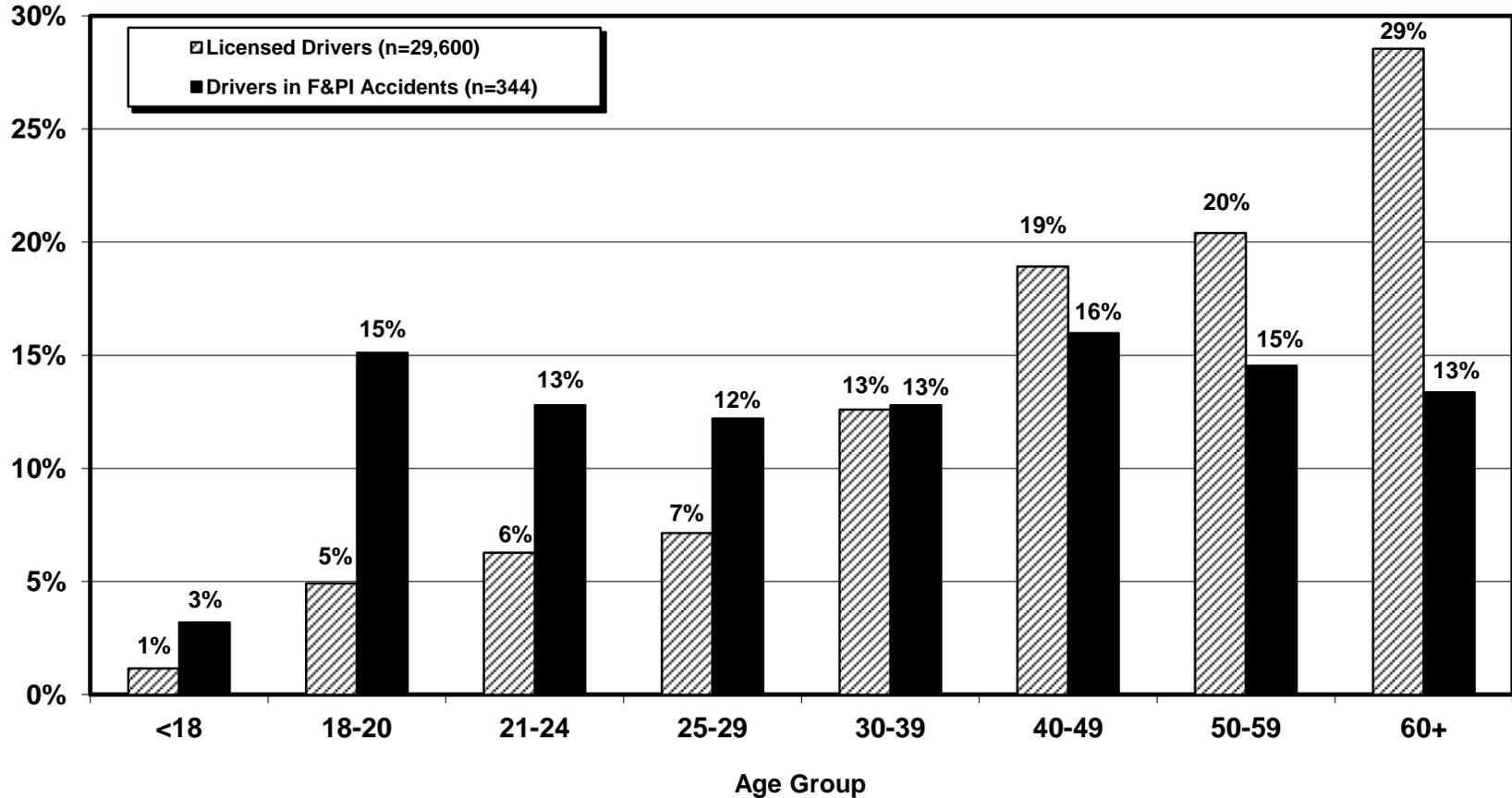
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For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

Note: Many accidents have multiple factors reported.

Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	292	100.0	16	309	100.0	22
Under Age 4	5	1.7	1	5	1.6	0
Ages 4-6	3	1.0	0	5	1.6	0
Ages 7-15	24	8.2	4	21	6.8	6
Ages 16-17	20	6.8	2	12	3.9	1
Ages 18-20	37	12.7	0	47	15.2	3
Ages 21-29	62	21.2	2	62	20.1	3
Ages 30-39	31	10.6	1	34	11.0	2
Ages 40-49	37	12.7	4	46	14.9	3
Ages 50-59	35	12.0	2	36	11.7	1
Ages 60-69	21	7.2	0	22	7.1	2
Ages 70 and Over	13	4.5	0	16	5.2	1
Unknown Age	4	1.4	0	3	1.0	0

	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	269	100.0	252	100.0	269	100.0
No Restraint Used	26	9.7	32	12.7	28	10.4
Restraint Used	236	87.7	211	83.7	227	84.4
Unknown	7	2.6	9	3.6	14	5.2
Motorcyclists	10	100.0	14	100.0	13	100.0
No Helmet Used	1	10.0	0	0.0	0	0.0
Helmet Used	9	90.0	12	85.7	13	100.0
Unknown	0	0.0	2	14.3	0	0.0
Bicyclists	9	100.0	9	100.0	10	100.0
No Helmet Used	6	66.7	6	66.7	7	70.0
Helmet Used	0	0.0	1	11.1	1	10.0
Unknown	3	33.3	2	22.2	2	20.0

FIGURE 1
Orleans County 2010
Licensed Drivers and Drivers Involved in Fatal and Personal Injury Accidents
by Age Group



Note: In interpreting these data, any age group with a greater percentage of drivers involved in fatal and personal injury accidents than licensed drivers indicates that the drivers in that age group are overrepresented in fatal and personal injury accidents. Eight drivers in fatal and personal injury accidents were excluded due to unknown age.

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

Orleans County

TABLE 9 Fatal & Personal Injury Crashes, Crash Rate per Roadway Mile, and Fatalities & Injuries by County Jurisdiction															
Jurisdiction	Pop.	%	Miles	%	Pop./ Mile	2008			2009			2010			
						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	24	0.5	40	26	0.5	32	28	0.5	39	
Barre	2,142	4.9	96.1	11.9	22.3	15	0.2	21	16	0.2	26	10	0.1	11	
Carlton	2,968	6.7	105.8	13.1	28.1	14	0.1	20	10	0.1	14	14	0.1	14	
Clarendon	3,500	7.9	71.9	8.9	48.7	22	0.3	28	16	0.2	21	18	0.3	28	
Gaines	2,510	5.7	51.8	6.4	48.5	8	0.2	15	10	0.2	14	16	0.3	22	
Kendall	2,874	6.5	69.8	8.6	41.2	14	0.2	22	10	0.1	13	14	0.2	16	
Murray	3,112	7.1	67.2	8.3	46.3	22	0.3	31	32	0.5	45	12	0.2	17	
Ridgeway	3,171	7.2	84.7	10.5	37.4	26	0.3	30	25	0.3	33	34	0.4	44	
Shelby	2,725	6.2	77.7	9.6	35.1	12	0.2	19	19	0.2	25	25	0.3	33	
Yates	1,675	3.8	66.4	8.2	25.2	6	0.1	6	13	0.2	15	15	0.2	17	
Villages															
Albion	5,836	13.2	22.8	2.8	256.0	21	0.9	26	21	0.9	22	20	0.9	25	
Holley	1,773	4.0	7.1	0.9	249.7	3	0.4	4	2	0.3	2	3	0.4	4	
Lyndonville	858	1.9	4.3	0.5	199.5	1	0.2	1	2	0.5	3	1	0.2	1	
Medina	6,312	14.3	31.4	3.9	201.0	28	0.9	33	18	0.6	27	26	0.8	35	
Other															
unknown	na	na	na	na	na	1	na	1	0	na	na	2	na	3	
Orleans County Total	44,138		810.3		54.5	217	0.3	297	220	0.3	292	238	0.3	309	
New York State	19,227,088		113342.8		169.6	136,054	1.2	188,384	134,948	1.2	187,182	135,270	1.2	188,758	

Source: US Census Bureau redistricting data, NYSDOT Highway Mileage report, and the NYSDMV AIS data base.

SECTION 2

Alcohol-Related Accident Summary Report

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents**

Orleans County

TABLE 1(P) Alcohol-Related (A-R) Accidents									
Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	50	9,202	0.5	44	8,873	0.5	52	8,613	0.6
Fatal Accidents	4	355	1.1	3	329	0.9	1	327	0.3
Non-Fatal Personal Injury Accidents	21	4,775	0.4	18	4,676	0.4	24	4,445	0.5
Reportable Property Damage Accidents	25	4,072	0.6	23	3,868	0.6	27	3,841	0.7
Manner of Collision									
Single Vehicle Accidents	42	5,033	0.8	34	4,843	0.7	32	4,798	0.7
Multiple Vehicle Accidents	8	4,169	0.2	10	4,030	0.2	20	3,815	0.5
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	0	428	0.0	1	432	0.2	2	408	0.5
A-R Bicycle/Motor Vehicle Accidents	1	106	0.9	0	118	0.0	0	100	0.0
A-R Motorcycle Accidents	1	220	0.5	1	191	0.5	1	227	0.4
Fatalities									
Persons Killed (1)	4	381	1.0	3	361	0.8	1	354	0.3
Drivers Killed	4	212	1.9	2	198	1.0	1	206	0.5
<i>Drinking Drivers</i>	4	192	2.1	2	175	1.1	1	191	0.5
<i>Non-Drinking Drivers</i>	0	20	0.0	0	23	0.0	0	15	0.0
Passengers Killed	0	77	0.0	1	64	1.6	0	64	0.0
Pedestrians Killed	0	82	0.0	0	91	0.0	0	79	0.0
Bicyclists Killed	0	10	0.0	0	8	0.0	0	5	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	27	6,886	0.4	26	6,810	0.4	26	6,337	0.4
Drivers Injured	18	4,396	0.4	19	4,321	0.4	21	4,031	0.5
Passengers Injured	8	1,979	0.4	7	1,959	0.4	3	1,815	0.2
Pedestrians Injured	0	360	0.0	0	369	0.0	2	344	0.6
Bicyclists Injured	1	94	1.1	0	107	0.0	0	95	0.0
Other	0	57	0.0	0	54	0.0	0	52	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 Accident 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 Accidents**

Orleans County

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	52	22	4	6	20	0
Sunday	17	9	3	2	3	0
Monday	4	1	0	0	3	0
Tuesday	2	0	0	0	2	0
Wednesday	7	3	0	3	1	0
Thursday	11	4	0	0	7	0
Friday	3	1	0	0	2	0
Saturday	8	4	1	1	2	0

	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	54	100.0	52	100.0	66	100.0
Male	46	85.2	44	84.6	47	71.2
<i>Drinking Drivers</i>	41	75.9	39	75.0	38	57.6
<i>Non-Drinking Drivers</i>	5	9.3	5	9.6	9	13.6
Female	8	14.8	8	15.4	17	25.8
<i>Drinking Drivers</i>	6	11.1	5	9.6	13	19.7
<i>Non-Drinking Drivers</i>	2	3.7	3	5.8	4	6.1
Unknown	0	0.0	0	0.0	2	3.0
<i>Drinking Drivers</i>	0	0.0	0	0.0	0	0.0
<i>Non-Drinking Drivers</i>	0	0.0	0	0.0	2	3.0
Drinking Drivers	47	100.0	44	100.0	51	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	10	21.3	6	13.6	7	13.7
Ages 21-29	19	40.4	15	34.1	19	37.3
Ages 30-39	2	4.3	10	22.7	6	11.8
Ages 40-49	12	25.5	9	20.5	7	13.7
Ages 50-59	3	6.4	4	9.1	8	15.7
Age 60 and Over	1	2.1	0	0.0	4	7.8
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	7	100.0	8	100.0	15	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	14.3	0	0.0	4	26.7
Ages 21-29	2	28.6	1	12.5	3	20.0
Ages 30-39	0	0.0	1	12.5	2	13.3
Ages 40-49	1	14.3	4	50.0	2	13.3
Ages 50-59	2	28.6	1	12.5	1	6.7
Age 60 and Over	1	14.3	1	12.5	1	6.7
Unknown Age	0	0.0	0	0.0	2	13.3

**New York State Department of Motor Vehicles
Alcohol-Related Motor Vehicle Accidents**

Orleans County

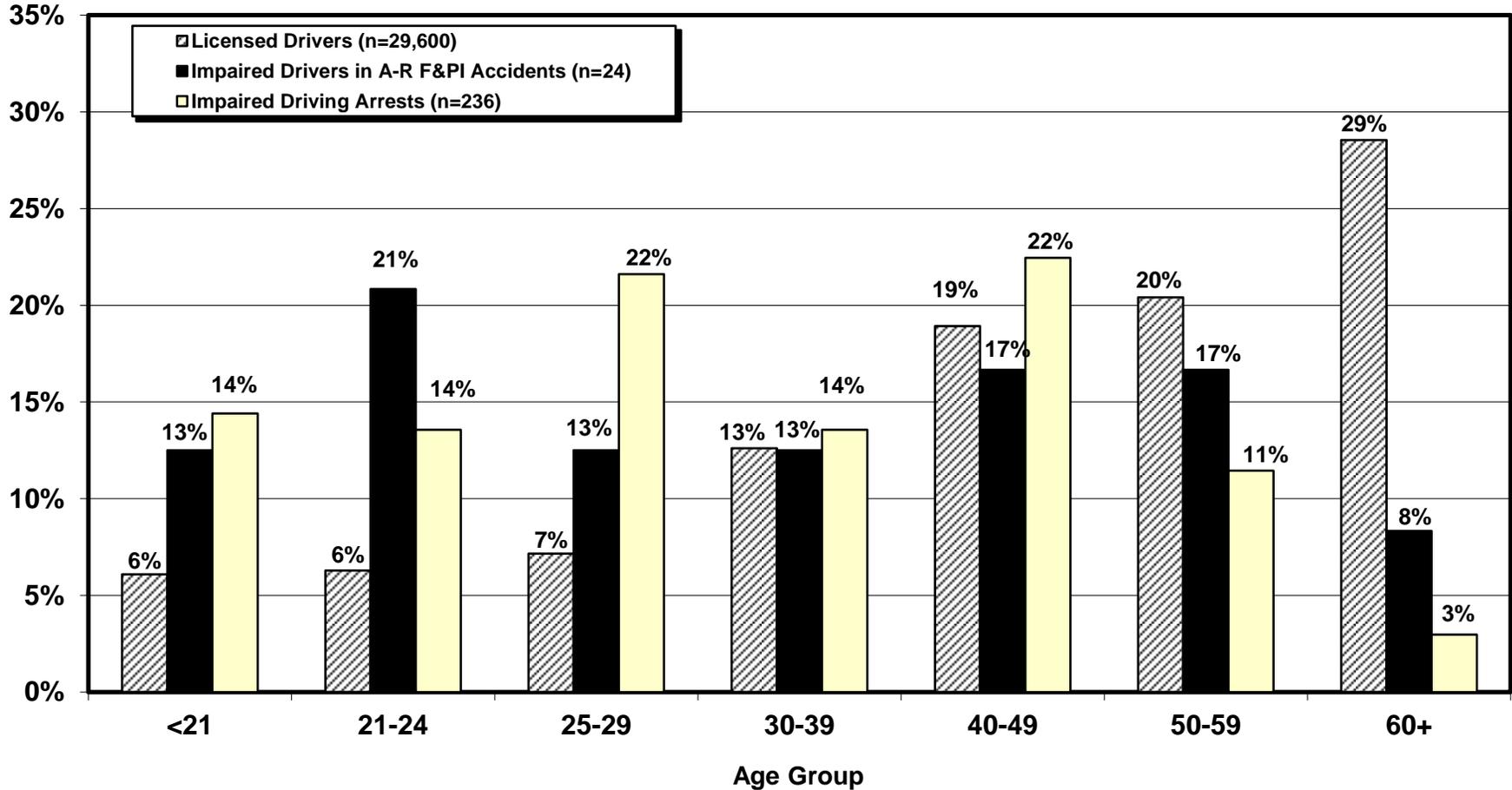
TABLE 4(P) Select Accident Contributing Factors						
	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	50		44		52	
Driver Inattention/Distraction	3	6.0	5	11.4	4	7.7
Failure to Keep Right	4	8.0	7	15.9	5	9.6
Failure to Yield R.O.W.	1	2.0	2	4.5	0	0.0
Fell Asleep	2	4.0	1	2.3	3	5.8
Following Too Closely	1	2.0	2	4.5	3	5.8
Passing/Lane Violations	2	4.0	0	0.0	4	7.7
Traffic Control Disregarded	2	4.0	3	6.8	4	7.7
Unsafe Speed	16	32.0	8	18.2	10	19.2

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2009-2010						
Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	29	100.0	0	27	100.0	2
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	3.4	0	1	3.7	0
Ages 16-17	3	10.3	0	0	0.0	0
Ages 18-20	4	13.8	0	3	11.1	0
Ages 21-29	10	34.5	0	8	29.6	0
Ages 30-39	2	6.9	0	4	14.8	1
Ages 40-49	5	17.2	0	5	18.5	0
Ages 50-59	4	13.8	0	3	11.1	0
Ages 60-69	0	0.0	0	3	11.1	1
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	29	100.0	29	100.0	23	100.0
No Restraint Used	11	37.9	7	24.1	8	34.8
Restraint Used	15	51.7	19	65.5	11	47.8
Unknown	3	10.3	3	10.3	4	17.4
Motorcyclists	1	100.0	0	0.0	2	100.0
No Helmet Used	1	100.0	0	0.0	0	0.0
Helmet Used	0	0.0	0	0.0	2	100.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	1	100.0	0	0.0	0	0.0
No Helmet Used	1	100.0	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 2010
Licensed Drivers, Impaired Drivers Involved in Alcohol-Related Fatal and Personal Injury Accidents, 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 accidents than licensed drivers indicates that the drivers in that age group are overrepresented in A-R fatal and personal injury accidents. 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 Accident Summary Report

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

Orleans County

TABLE 1(P) Speed-Related (S-R) Accidents									
Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	141	32,234	0.4	106	28,877	0.4	122	28,168	0.4
Fatal Accidents	4	379	1.1	3	314	1.0	0	289	0.0
Non-Fatal Personal Injury Accidents	54	14,207	0.4	39	13,202	0.3	48	12,846	0.4
Reportable Property Damage Accidents	83	17,648	0.5	64	15,361	0.4	74	15,033	0.5
Manner of Collision									
Single Vehicle Accidents	119	20,115	0.6	92	17,351	0.5	100	16,991	0.6
Multiple Vehicle Accidents	22	12,119	0.2	14	11,526	0.1	22	11,177	0.2
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	369	0.0	0	382	0.0	0	411	0.0
S-R Bicycle/Motor Vehicle Accidents	0	93	0.0	0	121	0.0	0	130	0.0
S-R Motorcycle Accidents	1	854	0.1	0	755	0.0	2	846	0.2
Fatalities									
Persons Killed (1)	4	412	1.0	3	357	0.8	0	319	0.0
Drivers Killed	3	293	1.0	2	237	0.8	0	231	0.0
<i>Speeding Drivers</i>	3	271	1.1	2	211	0.9	0	220	0.0
<i>Non-Speeding Drivers</i>	0	22	0.0	0	26	0.0	0	11	0.0
Passengers Killed	1	90	1.1	1	87	1.1	0	70	0.0
Pedestrians Killed	0	29	0.0	0	31	0.0	0	16	0.0
Bicyclists Killed	0	0	0.0	0	2	0.0	0	2	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	75	20,595	0.4	56	19,326	0.3	57	18,910	0.3
Drivers Injured	53	13,818	0.4	32	12,890	0.2	40	12,556	0.3
Passengers Injured	21	6,235	0.3	24	5,853	0.4	17	5,723	0.3
Pedestrians Injured	0	364	0.0	0	386	0.0	0	422	0.0
Bicyclists Injured	0	90	0.0	0	121	0.0	0	128	0.0
Other	1	88	1.1	0	76	0.0	0	81	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 Accident 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 Accidents**

Orleans County

TABLE 2(P) Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	122	9	33	42	38	0
Sunday	21	1	3	6	11	0
Monday	18	0	7	8	3	0
Tuesday	7	0	2	4	1	0
Wednesday	34	2	11	15	6	0
Thursday	18	2	4	5	7	0
Friday	14	1	4	1	8	0
Saturday	10	3	2	3	2	0

TABLE 3(P) Driver Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total Drivers	158	100.0	119	100.0	140	100.0
Male	88	55.7	70	58.8	70	50.0
<i>Speeding Drivers</i>	76	48.1	59	49.6	62	44.3
<i>Non-Speeding Drivers</i>	12	7.6	11	9.2	8	5.7
Female	69	43.7	49	41.2	70	50.0
<i>Speeding Drivers</i>	61	38.6	46	38.7	60	42.9
<i>Non-Speeding Drivers</i>	8	5.1	3	2.5	10	7.1
Unknown	1	0.6	0	0.0	0	0.0
<i>Speeding Drivers</i>	1	0.6	0	0.0	0	0.0
<i>Non-Speeding Drivers</i>	0	0.0	0	0.0	0	0.0
Speeding Drivers	138	100.0	105	100.0	122	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	46	33.3	28	26.7	37	30.3
Ages 21-29	35	25.4	32	30.5	42	34.4
Ages 30-39	20	14.5	12	11.4	13	10.7
Ages 40-49	22	15.9	17	16.2	19	15.6
Ages 50-59	9	6.5	8	7.6	8	6.6
Age 60 and Over	5	3.6	8	7.6	3	2.5
Unknown Age	1	0.7	0	0.0	0	0.0
Non-Speeding Drivers	20	100.0	14	100.0	18	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	5.0	2	14.3	4	22.2
Ages 21-29	3	15.0	4	28.6	4	22.2
Ages 30-39	2	10.0	1	7.1	2	11.1
Ages 40-49	7	35.0	3	21.4	4	22.2
Ages 50-59	4	20.0	2	14.3	2	11.1
Age 60 and Over	3	15.0	2	14.3	2	11.1
Unknown Age	0	0.0	0	0.0	0	0.0

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

Orleans County

TABLE 4(P) Select Accident Contributing Factors						
	2008		2009		2010	
	#	%	#	%	#	%
Total Accidents	141		106		122	
Alcohol Involvement	15	10.6	12	11.3	10	8.2
Driver Inattention/Distraction	8	5.7	3	2.8	5	4.1
Driver Inexperience	5	3.5	6	5.7	5	4.1
Failure to Keep Right	6	4.3	2	1.9	3	2.5
Failure to Yield R.O.W.	1	0.7	0	0.0	2	1.6
Following Too Closely	1	0.7	0	0.0	4	3.3
Passing/Lane Violations	4	2.8	2	1.9	5	4.1
Traffic Control Disregarded	2	1.4	4	3.8	3	2.5

Note: Many accidents have multiple factors reported.

TABLE 5(P) Persons Killed or Injured by Age Group: 2009-2010						
Age Group	2009			2010		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	59	100.0	0	57	100.0	0
Under Age 4	3	5.1	0	0	0.0	0
Ages 4-6	0	0.0	0	2	3.5	0
Ages 7-15	4	6.8	0	4	7.0	0
Ages 16-17	4	6.8	0	4	7.0	0
Ages 18-20	11	18.6	0	14	24.6	0
Ages 21-29	16	27.1	0	14	24.6	0
Ages 30-39	7	11.9	0	6	10.5	0
Ages 40-49	5	8.5	0	6	10.5	0
Ages 50-59	4	6.8	0	4	7.0	0
Ages 60-69	5	8.5	0	1	1.8	0
Ages 70 and Over	0	0.0	0	2	3.5	0
Unknown Age	0	0.0	0	0	0.0	0

TABLE 6(P) Reported Safety Equipment Use						
	2008		2009		2010	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	77	100.0	59	100.0	55	100.0
No Restraint Used	12	15.6	9	15.3	8	14.5
Restraint Used	63	81.8	50	84.7	46	83.6
Unknown	2	2.6	0	0.0	1	1.8
Motorcyclists	1	100.0	0	0.0	2	100.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	0	0.0	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 Accident Summary Report

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

Orleans County

TABLE 1 Accident Summary Totals									
Category Totals	2008			2009			2010		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	10	5,396	0.2	18	5,150	0.3	19	5,570	0.3
Fatal Accidents	1	184	0.5	0	152	0.0	1	180	0.6
Non-Fatal Personal Injury Accidents	8	4,593	0.2	14	4,347	0.3	12	4,757	0.3
Reportable Property Damage Accidents	1	619	0.2	4	651	0.6	6	633	0.9
Manner of Collision									
Single Motorcycle Accidents	5	2,392	0.2	10	2,270	0.4	12	2,426	0.5
Multiple Vehicle Accidents	5	3,004	0.2	8	2,880	0.3	7	3,144	0.2
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	84	0.0	0	63	0.0	0	79	0.0
Motorcycle/Bicycle Accidents	0	29	0.0	0	28	0.0	0	28	0.0
Fatalities									
Persons Killed (1)	1	188	0.5	0	155	0.0	1	185	0.5
Drivers Killed	1	175	0.6	0	146	0.0	1	173	0.6
<i>Motorcycle Operators</i>	1	175	0.6	0	146	0.0	1	172	0.6
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	1	0.0
Passengers Killed	0	8	0.0	0	5	0.0	0	11	0.0
<i>Motorcycle Passengers</i>	0	7	0.0	0	5	0.0	0	11	0.0
<i>Passengers in Other Vehicles</i>	0	1	0.0	0	0	0.0	0	0	0.0
Pedestrians Killed	0	4	0.0	0	3	0.0	0	1	0.0
Bicyclists Killed	0	1	0.0	0	1	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)	9	5,290	0.2	14	5,042	0.3	13	5,468	0.2
Drivers Injured	8	4,674	0.2	14	4,444	0.3	12	4,819	0.2
Passengers Injured	1	493	0.2	0	505	0.0	1	520	0.2
Pedestrians Injured	0	81	0.0	0	61	0.0	0	85	0.0
Bicyclists Injured	0	28	0.0	0	24	0.0	0	27	0.0
Other	0	14	0.0	0	8	0.0	0	17	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 accidents. Others are based only on the police reports; these are indicated by a (P).
- * The Property Damage Accident 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 Accidents**

Orleans County

TABLE 2 Day of Week/Time of Day: 2010						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	19	1	4	8	6	0
Sunday	3	0	0	2	1	0
Monday	1	0	0	0	1	0
Tuesday	1	0	0	1	0	0
Wednesday	4	1	2	0	1	0
Thursday	1	0	0	0	1	0
Friday	5	0	2	2	1	0
Saturday	4	0	0	3	1	0

TABLE 3 Motorcycle Operator Gender and Age						
	2008		2009		2010	
	#	%	#	%	#	%
Total MC Operators	9	100.0	17	100.0	21	100.0
Male	9	100.0	17	100.0	18	85.7
Female	0	0.0	0	0.0	3	14.3
Unknown	0	0.0	0	0.0	0	0.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	2	11.8	3	14.3
Ages 21-29	2	22.2	2	11.8	4	19.0
Ages 30-39	2	22.2	4	23.5	3	14.3
Ages 40-49	0	0.0	6	35.3	6	28.6
Ages 50-59	3	33.3	3	17.6	3	14.3
Ages 60 and Over	2	22.2	0	0.0	2	9.5
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2008		2009		2010	
	#	%	#	%	#	%
Total MC Accidents	10		18		17	
Alcohol Involvement	1	10.0	1	5.6	1	5.9
Driver Inattention/Distraction	2	20.0	5	27.8	4	23.5
Driver Inexperience	1	10.0	0	0.0	3	17.6
Failure to Keep Right	1	10.0	0	0.0	0	0.0
Failure to Yield R.O.W.	2	20.0	5	27.8	2	11.8
Following Too Closely	1	10.0	1	5.6	1	5.9
Passing/Lane Violations	0	0.0	0	0.0	2	11.8
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	0	0.0	2	11.1	2	11.8
Unsafe Speed	1	10.0	0	0.0	2	11.8

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

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

Orleans County

TABLE 5 Motorcyclists Killed or Injured by Age Group						
	2008		2009		2010	
	#	%	#	%	#	%
Age Group	10	100.0	14	100.0	14	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	0	0.0
Ages 16-17	0	0.0	0	0.0	1	7.1
Ages 18-20	1	10.0	2	14.3	2	14.3
Ages 21-29	2	20.0	2	14.3	3	21.4
Ages 30-39	2	20.0	3	21.4	1	7.1
Ages 40-49	0	0.0	4	28.6	4	28.6
Ages 50-59	3	30.0	3	21.4	1	7.1
Ages 60-69	2	20.0	0	0.0	2	14.3
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						
	2008		2009		2010	
	#	%	#	%	#	%
Motorcyclists	10	100.0	14	100.0	13	100.0
No Helmet Used	1	10.0	0	0.0	0	0.0
Helmet Used	9	90.0	12	85.7	13	100.0
Unknown	0	0.0	2	14.3	0	0.0

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2006	1,245	0.4	3,366	0.6
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

SECTION 5

Ticket Data

ORLEANS COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2008	2009	2010
TOTAL TICKETS ISSUED	8,209	7,173	7,341
SPEED (V&T 1180)	2,605	1,760	1,707
% of total tickets	31.7%	24.5%	23.3%
% convicted on same charge (of adjudicated cases)	32.5%	28.1%	22.0%
SAFETY RESTRAINTS (V&T 1229c)	792	735	641
% of total tickets	9.6%	10.2%	8.7%
% convicted on same charge (of adjudicated cases)	81.4%	86.3%	81.8%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	54	73	70
IMPAIRED DRIVING (V&T 1192)	300	346	470
% of total tickets	3.7%	4.8%	6.4%
Persons Arrested for Impaired Driving	(N=168)	(N=187)	(N=236)
Case adjudicated	91.1%	90.9%	92.8%
Case pending	8.9%	9.1%	7.2%
Adjudicated Cases*	(N=153)	(N=170)	(N=219)
Convicted on original 1192 charge	37.9%	34.7%	35.6%
Convicted on other 1192 charge	51.6%	57.7%	57.1%
Convicted on non-1192 charge	2.6%	1.2%	1.4%
Dismissed/Acquitted/Convicted on charge associated with different event	7.8%	6.5%	5.9%
* Since some drivers are charged with more than one alcohol offense during a single traffic stop, conviction rates are based on drivers who have had at least one offense adjudicated.			

Source: NYSDMV TSLED ticket system.

ORLEANS COUNTY

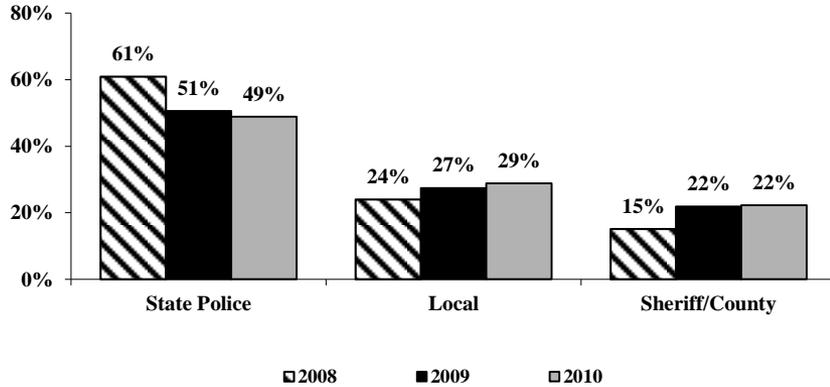
Probation Data for V&T 1192 and 511 Convictions

	2008	2009	2010
Number of Persons Sentenced to Probation	32	29	37
Number of Persons on Probation	88	88	82

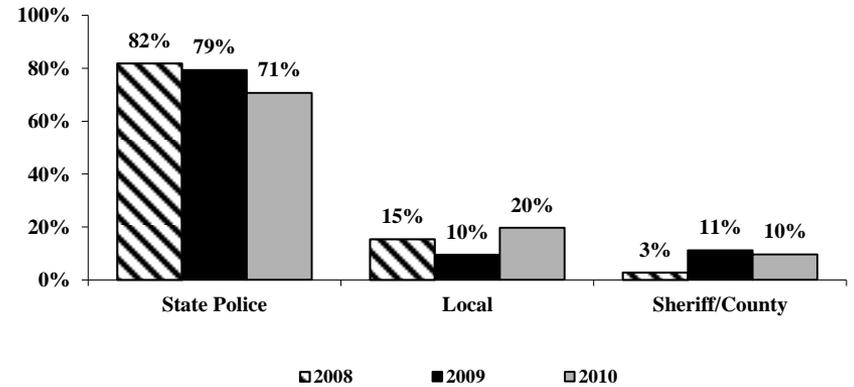
Source: NYS Division of Probation and Correctional Alternatives.

Orleans County Tickets Issued by TSLED Agencies By Agency Type

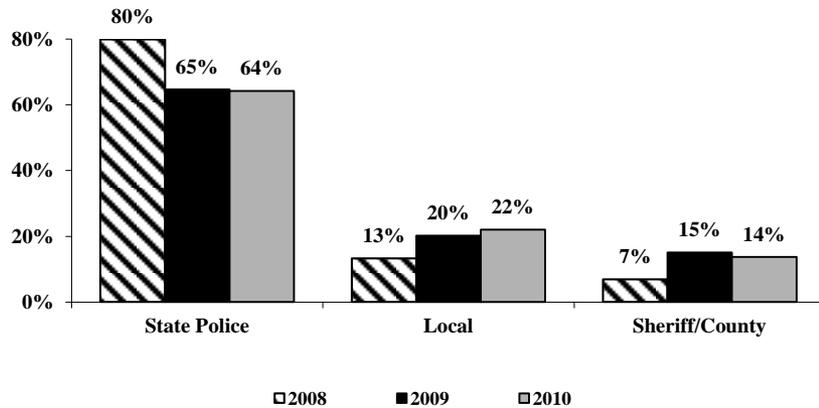
All Tickets



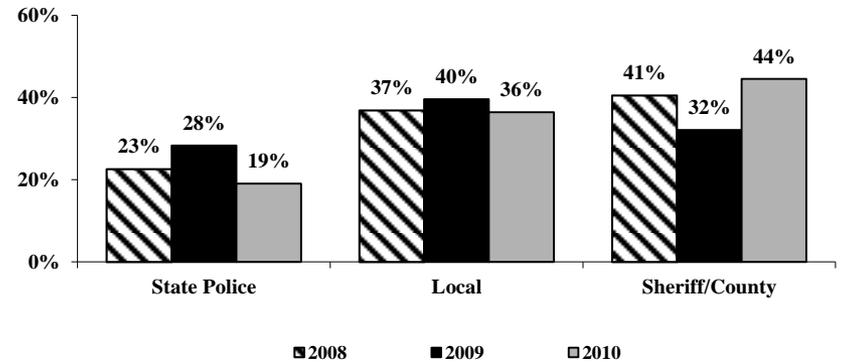
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ORLEANS COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2008			2009			2010		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Orleans Sheriff NCIC 03600	alcohol	127	55.2	42.3	117	46.8	33.8	196	51.9	41.7
	speed	179	35.0	6.9	265	43.8	15.1	234	38.9	13.7
	seatbelt	22	15.4	2.8	82	54.3	11.2	62	33.7	9.7
Village of Albion P.D. NCIC 03620	alcohol	46	20.0	15.3	62	24.8	17.9	68	18.0	14.5
	speed	152	29.7	5.8	121	20.0	6.9	170	28.3	10.0
	seatbelt	96	67.1	12.1	50	33.1	6.8	90	48.9	14.0
Holley Village P.D. NCIC 03621	alcohol	16	7.0	5.3	30	12.0	8.7	36	9.5	7.7
	speed	74	14.5	2.8	111	18.3	6.3	55	9.2	3.2
	seatbelt	5	3.5	0.6	11	7.3	1.5	21	11.4	3.3
Medina P.D. NCIC 03622	alcohol	41	17.8	13.7	41	16.4	11.8	78	20.6	16.6
	speed	106	20.7	4.1	108	17.9	6.1	142	23.6	8.3
	seatbelt	20	14.0	2.5	8	5.3	1.1	11	6.0	1.7
Totals by Agency Type										
Sheriff and Local	alcohol	230		76.7	250		72.3	378		80.4
	speed	511		19.6	605		34.4	601		35.2
	seatbelt	143		18.1	151		20.5	184		28.7
State Police	alcohol	70		23.3	96		27.7	90		19.1
	speed	2,081		79.9	1,139		64.7	1,097		64.3
	seatbelt	648		81.8	583		79.3	453		70.7
Other <i>incl. Park Police</i>	alcohol	0		0.0	0		0.0	2		0.4
	speed	13		0.5	16		0.9	9		0.5
	seatbelt	1		0.1	1		0.1	4		0.6
County Totals										
	alcohol	300			346			470		
	speed	2,605			1,760			1,707		
	seatbelt	792			735			641		

Source: NYS DMV

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