

ORLEANS COUNTY

TRAFFIC SAFETY DATA



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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 2007-2009. Four summary reports provide detailed accident data for the three years 2007-2009. 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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Herkimer	Franklin	Montgomery	Columbia	Cattaraugus
Warren	Jefferson	Nassau	Cortland	Chautauqua
	Lewis	New York City: Bronx, Kings, Manhattan, Queens, Richmond	Delaware	Chemung
	Madison	Rensselaer	Dutchess	Erie
	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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	731	323,106	0.2	742	316,231	0.2	779	314,974	0.2
Fatal Accidents	6	1,220	0.5	7	1,160	0.6	6	1,060	0.6
Non-Fatal Personal Injury Accidents	215	139,117	0.2	210	134,894	0.2	214	133,888	0.2
Reportable Property Damage Accidents	510	182,769	0.3	525	180,177	0.3	559	180,026	0.3
Manner of Collision									
Single Vehicle Accidents	419	103,286	0.4	425	104,790	0.4	468	101,080	0.5
Multiple Vehicle Accidents	312	219,820	0.1	317	211,441	0.1	311	213,894	0.1
Special Accident Series									
Pedestrian/Motor Vehicle Accidents	13	15,701	0.1	4	15,620	<0.1	8	15,682	0.1
Bicycle/Motor Vehicle Accidents	7	5,535	0.1	9	5,646	0.2	9	5,620	0.2
Motorcycle Accidents	12	5,426	0.2	10	5,396	0.2	18	5,150	0.3
Fatalities									
Persons Killed (1)	6	1,317	0.5	7	1,224	0.6	6	1,148	0.5
Drivers Killed	5	762	0.7	6	669	0.9	3	603	0.5
Passengers Killed	1	231	0.4	1	211	0.5	3	209	1.4
Pedestrians Killed	0	272	0.0	0	302	0.0	0	307	0.0
Bicyclists Killed	0	50	0.0	0	42	0.0	0	29	0.0
Other	0	2	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	296	194,255	0.2	290	187,160	0.2	286	186,034	0.2
Drivers Injured	189	119,314	0.2	196	114,393	0.2	181	112,855	0.2
Passengers Injured	88	53,261	0.2	79	51,120	0.2	87	51,499	0.2
Pedestrians Injured	12	15,472	0.1	4	15,317	<0.1	7	15,321	<0.1
Bicyclists Injured	7	5,373	0.1	9	5,422	0.2	9	5,405	0.2
Other	0	835	0.0	2	908	0.2	2	954	0.2

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

General Notes

- * Some of the tables are based upon information received from police and motorist reports of motor vehicle 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			
	2007	2008	2009
Crash Rates			
Crash Rate per 10,000 Population	172.52	176.10	185.25
Crash Rate per 10,000 Licensed Drivers	239.93	247.79	261.64
Fatality & Injury Rates			
Fatality & Injury Rate per 10,000 Population	71.28	70.49	69.44
Fatality & Injury Rate per 10,000 Licensed Drivers	99.12	99.18	98.07

TABLE 2 Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	779	102	179	285	195	18
Sunday	97	21	22	28	25	1
Monday	109	13	25	45	23	3
Tuesday	117	11	27	49	27	3
Wednesday	113	9	29	43	30	2
Thursday	110	12	38	32	24	4
Friday	123	15	21	55	31	1
Saturday	110	21	17	33	35	4

TABLE 3(P) Police Investigating Agency						
	2007		2008		2009	
	#	%	#	%	#	%
Total	599	100.0	618	100.0	663	100.0
State Police	63	10.5	106	17.2	111	16.7
County Police	347	57.9	325	52.6	375	56.6
New York City (NYPD)	0	0.0	0	0.0	0	0.0
Municipal Police (non-NYC)	189	31.6	187	30.3	177	26.7
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						
	2007		2008		2009	
	#	%	#	%	#	%
Total	731	100.0				
State Routes	398	54.4	Data are not available.		Data are not available.	
County Routes	85	11.6				
Town Routes	95	13.0				
Municipal Routes	108	14.8				
Parkways	2	0.3				
Thruway	0	0.0				
Other Interstates	0	0.0				
Unknown	43	5.9				

TABLE 5 Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	991	100.0	1,002	100.0	1,042	100.0
Male	549	55.4	562	56.1	597	57.3
Female	409	41.3	408	40.7	415	39.8
Unknown	33	3.3	32	3.2	30	2.9
Under Age 16	0	0.0	0	0.0	1	0.1
Ages 16-20	137	13.8	182	18.2	157	15.1
Ages 21-29	177	17.9	185	18.5	206	19.8
Ages 30-39	154	15.5	130	13.0	141	13.5
Ages 40-49	188	19.0	189	18.9	184	17.7
Ages 50-59	156	15.7	137	13.7	148	14.2
Ages 60-69	79	8.0	85	8.5	102	9.8
Ages 70 and Over	64	6.5	60	6.0	69	6.6
Unknown Age	36	3.6	34	3.4	34	3.3

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	599		618		663	
Alcohol Involvement*	38	6.3	47	7.6	42	6.3
Backing Unsafely	52	8.7	41	6.6	48	7.2
Driver Inattention/Distraction	167	27.9	145	23.5	160	24.1
Driver Inexperience	25	4.2	21	3.4	18	2.7
Failure to Keep Right	31	5.2	24	3.9	27	4.1
Failure to Yield R.O.W.	96	16.0	89	14.4	88	13.3
Following Too Closely	43	7.2	33	5.3	45	6.8
Passing/Lane Violations	24	4.0	33	5.3	21	3.2
Traffic Control Disregarded	15	2.5	11	1.8	19	2.9
Turning Improperly	15	2.5	18	2.9	15	2.3
Unsafe Speed*	101	16.9	137	22.2	101	15.2

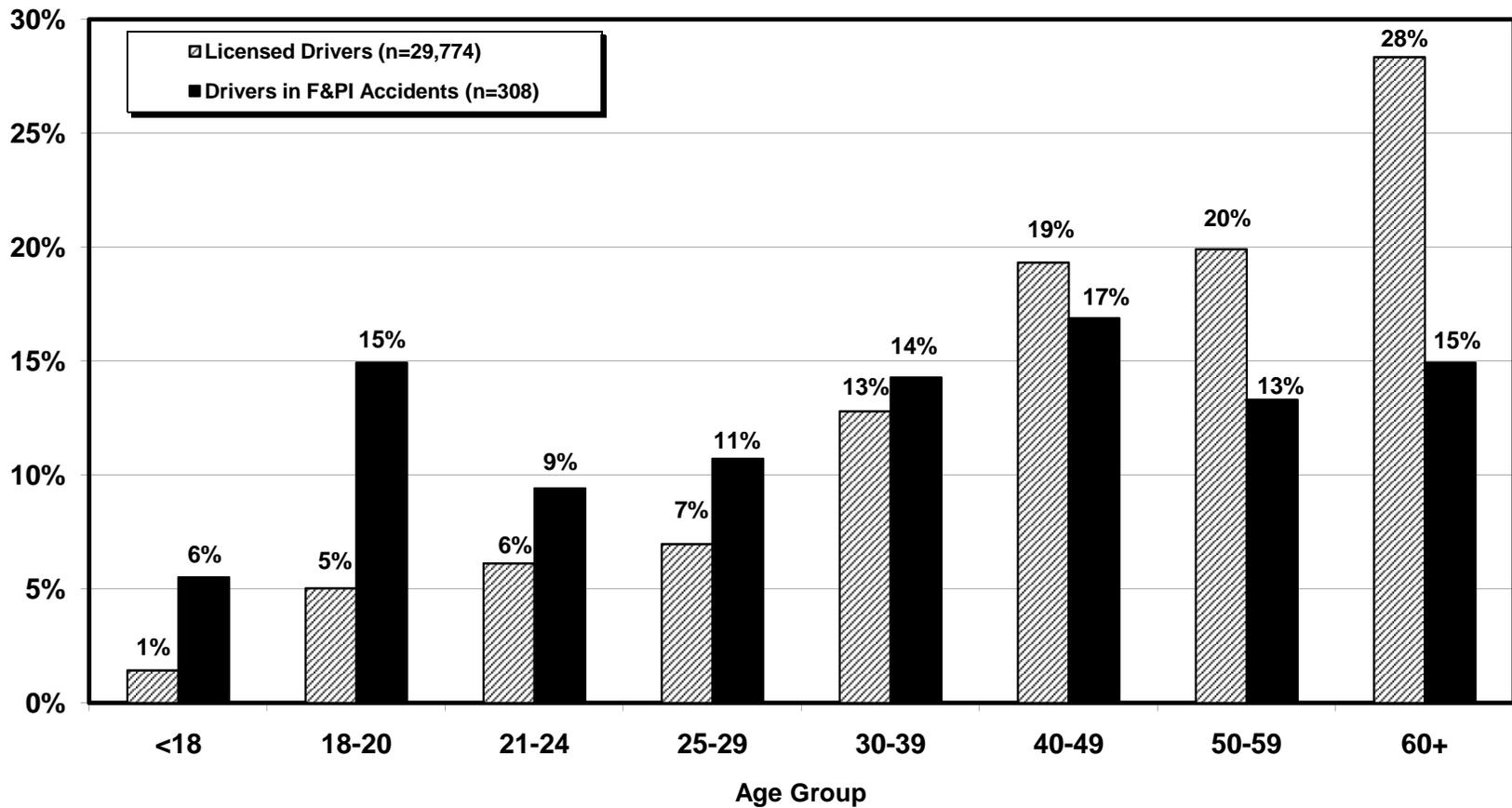
* These numbers represent the total number of accidents in which police checked "alcohol involvement" or "unsafe speed" as apparent contributing factors on police accident report form. They do not represent the total number of alcohol-related or speed-related accidents that occurred in the county. For 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	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	297	100.0	13	292	100.0	16
Under Age 4	1	0.3	0	5	1.7	1
Ages 4-6	5	1.7	0	3	1.0	0
Ages 7-15	21	7.1	5	24	8.2	4
Ages 16-17	25	8.4	2	20	6.8	2
Ages 18-20	38	12.8	2	37	12.7	0
Ages 21-29	53	17.8	2	62	21.2	2
Ages 30-39	30	10.1	1	31	10.6	1
Ages 40-49	52	17.5	1	37	12.7	4
Ages 50-59	34	11.4	0	35	12.0	2
Ages 60-69	20	6.7	0	21	7.2	0
Ages 70 and Over	17	5.7	0	13	4.5	0
Unknown Age	1	0.3	0	4	1.4	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	273	100.0	269	100.0	252	100.0
No Restraint Used	35	12.8	26	9.7	32	12.7
Restraint Used	227	83.2	236	87.7	211	83.7
Unknown	11	4.0	7	2.6	9	3.6
Motorcyclists	8	100.0	10	100.0	14	100.0
No Helmet Used	0	0.0	1	10.0	0	0.0
Helmet Used	8	100.0	9	90.0	12	85.7
Unknown	0	0.0	0	0.0	2	14.3
Bicyclists	7	100.0	9	100.0	9	100.0
No Helmet Used	2	28.6	6	66.7	6	66.7
Helmet Used	1	14.3	0	0.0	1	11.1
Unknown	4	57.1	3	33.3	2	22.2

FIGURE 1
Orleans County 2009
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. 5 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	2007			2008			2009			
						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	28	0.5	41	24	0.5	40	26	0.5	32	
Barre	2,142	4.9	96.1	11.9	22.3	8	0.1	12	15	0.2	21	16	0.2	26	
Carlton	2,968	6.7	105.8	13.1	28.1	17	0.2	27	14	0.1	20	10	0.1	14	
Clarendon	3,500	7.9	71.9	8.9	48.7	23	0.3	28	22	0.3	28	16	0.2	21	
Gaines	2,510	5.7	51.8	6.4	48.5	13	0.3	21	8	0.2	15	10	0.2	14	
Kendall	2,874	6.5	69.8	8.6	41.2	9	0.1	12	14	0.2	22	10	0.1	13	
Murray	3,112	7.1	67.2	8.3	46.3	24	0.4	35	22	0.3	31	32	0.5	45	
Ridgeway	3,171	7.2	84.7	10.5	37.4	23	0.3	28	26	0.3	30	25	0.3	33	
Shelby	2,725	6.2	77.7	9.6	35.1	26	0.3	32	12	0.2	19	19	0.2	25	
Yates	1,675	3.8	66.4	8.2	25.2	7	0.1	8	6	0.1	6	13	0.2	15	
Villages															
Albion	5,836	13.2	22.8	2.8	256.0	23	1.0	26	21	0.9	26	21	0.9	22	
Holley	1,773	4.0	7.1	0.9	249.7	2	0.3	2	3	0.4	4	2	0.3	2	
Lyndonville	858	1.9	4.3	0.5	199.5	1	0.2	1	1	0.2	1	2	0.5	3	
Medina	6,312	14.3	31.4	3.9	201.0	17	0.5	29	28	0.9	33	18	0.6	27	
Other															
unknown	na	na	na	na	na	0	na	na	1	na	1	0	na	na	
Orleans County Total	44,138		810.3		54.5	221	0.3	302	217	0.3	297	220	0.3	292	
New York State	19,227,088		113342.8		169.6	140,337	1.2	195,572	136,054	1.2	188,384	134,948	1.2	187,182	

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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	42	9,480	0.4	50	9,202	0.5	44	8,873	0.5
Fatal Accidents	2	344	0.6	4	355	1.1	3	329	0.9
Non-Fatal Personal Injury Accidents	19	4,991	0.4	21	4,775	0.4	18	4,676	0.4
Reportable Property Damage Accidents	21	4,145	0.5	25	4,072	0.6	23	3,868	0.6
Manner of Collision									
Single Vehicle Accidents	33	5,138	0.6	42	5,033	0.8	34	4,843	0.7
Multiple Vehicle Accidents	9	4,342	0.2	8	4,169	0.2	10	4,030	0.2
Special A-R Accident Series									
A-R Pedestrian/Motor Vehicle Accidents	1	403	0.2	0	428	0.0	1	432	0.2
A-R Bicycle/Motor Vehicle Accidents	0	97	0.0	1	106	0.9	0	118	0.0
A-R Motorcycle Accidents	0	217	0.0	1	220	0.5	1	191	0.5
Fatalities									
Persons Killed (1)	2	373	0.5	4	381	1.0	3	361	0.8
Drivers Killed	2	239	0.8	4	212	1.9	2	198	1.0
<i>Drinking Drivers</i>	2	215	0.9	4	192	2.1	2	175	1.1
<i>Non-Drinking Drivers</i>	0	24	0.0	0	20	0.0	0	23	0.0
Passengers Killed	0	65	0.0	0	77	0.0	1	64	1.6
Pedestrians Killed	0	62	0.0	0	82	0.0	0	91	0.0
Bicyclists Killed	0	7	0.0	0	10	0.0	0	8	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	24	7,175	0.3	27	6,886	0.4	26	6,810	0.4
Drivers Injured	16	4,593	0.3	18	4,396	0.4	19	4,321	0.4
Passengers Injured	7	2,072	0.3	8	1,979	0.4	7	1,959	0.4
Pedestrians Injured	1	362	0.3	0	360	0.0	0	369	0.0
Bicyclists Injured	0	90	0.0	1	94	1.1	0	107	0.0
Other	0	58	0.0	0	57	0.0	0	54	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

TABLE 2(P) Day of Week/Time of Day: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	44	22	2	2	18	0
Sunday	11	7	0	1	3	0
Monday	2	0	0	0	2	0
Tuesday	2	2	0	0	0	0
Wednesday	8	3	0	0	5	0
Thursday	6	3	1	1	1	0
Friday	3	2	0	0	1	0
Saturday	12	5	1	0	6	0

TABLE 3(P) Driver Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	51	100.0	54	100.0	52	100.0
Male	41	80.4	46	85.2	44	84.6
<i>Drinking Drivers</i>	35	68.6	41	75.9	39	75.0
<i>Non-Drinking Drivers</i>	6	11.8	5	9.3	5	9.6
Female	10	19.6	8	14.8	8	15.4
<i>Drinking Drivers</i>	5	9.8	6	11.1	5	9.6
<i>Non-Drinking Drivers</i>	5	9.8	2	3.7	3	5.8
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
Drinking Drivers	40	100.0	47	100.0	44	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	6	15.0	10	21.3	6	13.6
Ages 21-29	13	32.5	19	40.4	15	34.1
Ages 30-39	10	25.0	2	4.3	10	22.7
Ages 40-49	6	15.0	12	25.5	9	20.5
Ages 50-59	1	2.5	3	6.4	4	9.1
Age 60 and Over	4	10.0	1	2.1	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0
Non-Drinking Drivers	11	100.0	7	100.0	8	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	0	0.0	1	14.3	0	0.0
Ages 21-29	4	36.4	2	28.6	1	12.5
Ages 30-39	3	27.3	0	0.0	1	12.5
Ages 40-49	1	9.1	1	14.3	4	50.0
Ages 50-59	3	27.3	2	28.6	1	12.5
Age 60 and Over	0	0.0	1	14.3	1	12.5
Unknown Age	0	0.0	0	0.0	0	0.0

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

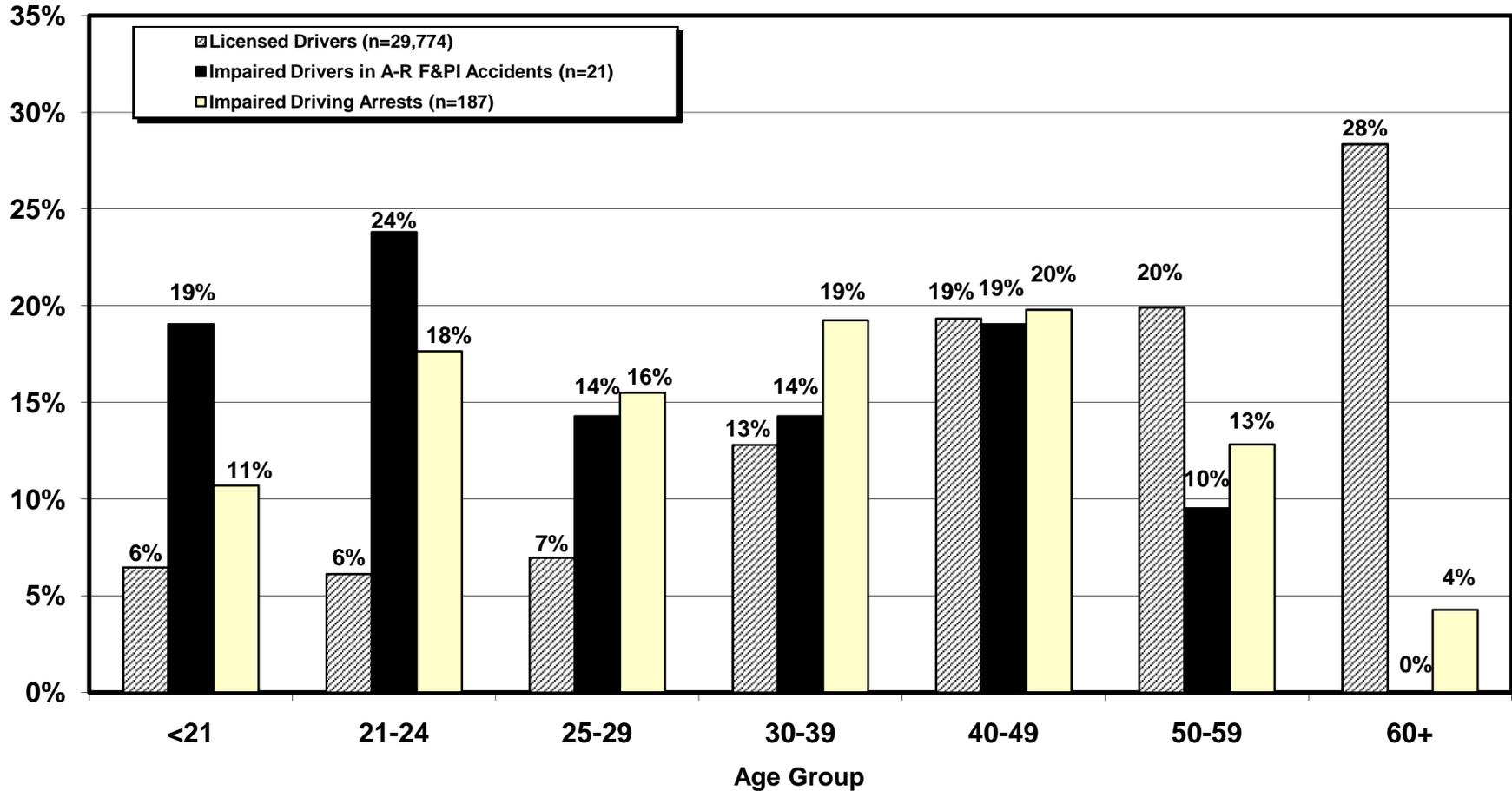
	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	42		50		44	
Driver Inattention/Distracted	3	7.1	3	6.0	5	11.4
Failure to Keep Right	9	21.4	4	8.0	7	15.9
Failure to Yield R.O.W.	2	4.8	1	2.0	2	4.5
Fell Asleep	1	2.4	2	4.0	1	2.3
Following Too Closely	1	2.4	1	2.0	2	4.5
Passing/Lane Violations	3	7.1	2	4.0	0	0.0
Traffic Control Disregarded	1	2.4	2	4.0	3	6.8
Unsafe Speed	12	28.6	16	32.0	8	18.2

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	31	100.0	1	29	100.0	0
Under Age 4	0	0.0	0	0	0.0	0
Ages 4-6	0	0.0	0	0	0.0	0
Ages 7-15	0	0.0	0	1	3.4	0
Ages 16-17	3	9.7	0	3	10.3	0
Ages 18-20	8	25.8	0	4	13.8	0
Ages 21-29	7	22.6	0	10	34.5	0
Ages 30-39	2	6.5	0	2	6.9	0
Ages 40-49	7	22.6	1	5	17.2	0
Ages 50-59	3	9.7	0	4	13.8	0
Ages 60-69	1	3.2	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

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	25	100.0	29	100.0	29	100.0
No Restraint Used	7	28.0	11	37.9	7	24.1
Restraint Used	15	60.0	15	51.7	19	65.5
Unknown	3	12.0	3	10.3	3	10.3
Motorcyclists	0	0.0	1	100.0	0	0.0
No Helmet Used	0	0.0	1	100.0	0	0.0
Helmet Used	0	0.0	0	0.0	0	0.0
Unknown	0	0.0	0	0.0	0	0.0
Bicyclists	0	0.0	1	100.0	0	0.0
No Helmet Used	0	0.0	1	100.0	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 2009
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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Accidents	109	31,729	0.3	141	32,234	0.4	106	28,877	0.4
Fatal Accidents	0	369	0.0	4	379	1.1	3	314	1.0
Non-Fatal Personal Injury Accidents	68	14,405	0.5	54	14,207	0.4	39	13,202	0.3
Reportable Property Damage Accidents	41	16,955	0.2	83	17,648	0.5	64	15,361	0.4
Manner of Collision									
Single Vehicle Accidents	83	19,143	0.4	119	20,115	0.6	92	17,351	0.5
Multiple Vehicle Accidents	26	12,586	0.2	22	12,119	0.2	14	11,526	0.1
Special S-R Accident Series									
S-R Pedestrian/Motor Vehicle Accidents	0	382	0.0	0	369	0.0	0	382	0.0
S-R Bicycle/Motor Vehicle Accidents	0	91	0.0	0	93	0.0	0	121	0.0
S-R Motorcycle Accidents	1	857	0.1	1	854	0.1	0	755	0.0
Fatalities									
Persons Killed (1)	0	406	0.0	4	412	1.0	3	357	0.8
Drivers Killed	0	277	0.0	3	293	1.0	2	237	0.8
<i>Speeding Drivers</i>	0	249	0.0	3	271	1.1	2	211	0.9
<i>Non-Speeding Drivers</i>	0	28	0.0	0	22	0.0	0	26	0.0
Passengers Killed	0	104	0.0	1	90	1.1	1	87	1.1
Pedestrians Killed	0	24	0.0	0	29	0.0	0	31	0.0
Bicyclists Killed	0	1	0.0	0	0	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)	91	21,137	0.4	75	20,595	0.4	56	19,326	0.3
Drivers Injured	61	14,151	0.4	53	13,818	0.4	32	12,890	0.2
Passengers Injured	30	6,427	0.5	21	6,235	0.3	24	5,853	0.4
Pedestrians Injured	0	383	0.0	0	364	0.0	0	386	0.0
Bicyclists Injured	0	90	0.0	0	90	0.0	0	121	0.0
Other	0	86	0.0	1	88	1.1	0	76	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

	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	106	28	29	28	21	0
Sunday	23	7	9	3	4	0
Monday	5	0	0	3	2	0
Tuesday	14	3	5	5	1	0
Wednesday	20	1	8	8	3	0
Thursday	18	7	6	1	4	0
Friday	13	2	0	7	4	0
Saturday	13	8	1	1	3	0

	2007		2008		2009	
	#	%	#	%	#	%
Total Drivers	132	100.0	158	100.0	119	100.0
Male	78	59.1	88	55.7	70	58.8
<i>Speeding Drivers</i>	64	48.5	76	48.1	59	49.6
<i>Non-Speeding Drivers</i>	14	10.6	12	7.6	11	9.2
Female	51	38.6	69	43.7	49	41.2
<i>Speeding Drivers</i>	40	30.3	61	38.6	46	38.7
<i>Non-Speeding Drivers</i>	11	8.3	8	5.1	3	2.5
Unknown	3	2.3	1	0.6	0	0.0
<i>Speeding Drivers</i>	2	1.5	1	0.6	0	0.0
<i>Non-Speeding Drivers</i>	1	0.8	0	0.0	0	0.0
Speeding Drivers	106	100.0	138	100.0	105	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	34	32.1	46	33.3	28	26.7
Ages 21-29	34	32.1	35	25.4	32	30.5
Ages 30-39	15	14.2	20	14.5	12	11.4
Ages 40-49	13	12.3	22	15.9	17	16.2
Ages 50-59	7	6.6	9	6.5	8	7.6
Age 60 and Over	1	0.9	5	3.6	8	7.6
Unknown Age	2	1.9	1	0.7	0	0.0
Non-Speeding Drivers	26	100.0	20	100.0	14	100.0
Under Age 16	0	0.0	0	0.0	0	0.0
Ages 16-20	1	3.8	1	5.0	2	14.3
Ages 21-29	7	26.9	3	15.0	4	28.6
Ages 30-39	3	11.5	2	10.0	1	7.1
Ages 40-49	5	19.2	7	35.0	3	21.4
Ages 50-59	4	15.4	4	20.0	2	14.3
Age 60 and Over	5	19.2	3	15.0	2	14.3
Unknown Age	1	3.8	0	0.0	0	0.0

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

	2007		2008		2009	
	#	%	#	%	#	%
Total Accidents	109		141		106	
Alcohol Involvement	14	12.8	15	10.6	12	11.3
Driver Inattention/Distraction	6	5.5	8	5.7	3	2.8
Driver Inexperience	8	7.3	5	3.5	6	5.7
Failure to Keep Right	9	8.3	6	4.3	2	1.9
Failure to Yield R.O.W.	1	0.9	1	0.7	0	0.0
Following Too Closely	6	5.5	1	0.7	0	0.0
Passing/Lane Violations	1	0.9	4	2.8	2	1.9
Traffic Control Disregarded	0	0.0	2	1.4	4	3.8

Note: Many accidents have multiple factors reported.

Age Group	2008			2009		
	Total #	%	# of Ped/Bike	Total #	%	# of Ped/Bike
Total	79	100.0	0	59	100.0	0
Under Age 4	0	0.0	0	3	5.1	0
Ages 4-6	1	1.3	0	0	0.0	0
Ages 7-15	3	3.8	0	4	6.8	0
Ages 16-17	13	16.5	0	4	6.8	0
Ages 18-20	13	16.5	0	11	18.6	0
Ages 21-29	16	20.3	0	16	27.1	0
Ages 30-39	10	12.7	0	7	11.9	0
Ages 40-49	12	15.2	0	5	8.5	0
Ages 50-59	7	8.9	0	4	6.8	0
Ages 60-69	4	5.1	0	5	8.5	0
Ages 70 and Over	0	0.0	0	0	0.0	0
Unknown Age	0	0.0	0	0	0.0	0

	2007		2008		2009	
	# Killed or Injured	%	# Killed or Injured	%	# Killed or Injured	%
Motor Vehicle Occupants	90	100.0	77	100.0	59	100.0
No Restraint Used	17	18.9	12	15.6	9	15.3
Restraint Used	67	74.4	63	81.8	50	84.7
Unknown	6	6.7	2	2.6	0	0.0
Motorcyclists	1	100.0	1	100.0	0	0.0
No Helmet Used	0	0.0	0	0.0	0	0.0
Helmet Used	1	100.0	1	100.0	0	0.0
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	2007			2008			2009		
	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS	County Total	NYS Total	% of NYS
Total Motorcycle Accidents	12	5,426	0.2	10	5,396	0.2	18	5,150	0.3
Fatal Accidents	1	164	0.6	1	184	0.5	0	152	0.0
Non-Fatal Personal Injury Accidents	8	4,727	0.2	8	4,593	0.2	14	4,347	0.3
Reportable Property Damage Accidents	3	535	0.6	1	619	0.2	4	651	0.6
Manner of Collision									
Single Motorcycle Accidents	5	2,318	0.2	5	2,392	0.2	10	2,270	0.4
Multiple Vehicle Accidents	7	3,108	0.2	5	3,004	0.2	8	2,880	0.3
Special Motorcycle Accident Series									
Motorcycle/Pedestrian Accidents	0	74	0.0	0	84	0.0	0	63	0.0
Motorcycle/Bicycle Accidents	1	19	5.3	0	29	0.0	0	28	0.0
Fatalities									
Persons Killed (1)	1	172	0.6	1	188	0.5	0	155	0.0
Drivers Killed	1	162	0.6	1	175	0.6	0	146	0.0
<i>Motorcycle Operators</i>	1	162	0.6	1	175	0.6	0	146	0.0
<i>Non-Motorcycle Drivers</i>	0	0	0.0	0	0	0.0	0	0	0.0
Passengers Killed	0	9	0.0	0	8	0.0	0	5	0.0
<i>Motorcycle Passengers</i>	0	9	0.0	0	7	0.0	0	5	0.0
<i>Passengers in Other Vehicles</i>	0	0	0.0	0	1	0.0	0	0	0.0
Pedestrians Killed	0	1	0.0	0	4	0.0	0	3	0.0
Bicyclists Killed	0	0	0.0	0	1	0.0	0	1	0.0
Other	0	0	0.0	0	0	0.0	0	0	0.0
Non-Fatal Injuries									
Persons Injured (1)	10	5,503	0.2	9	5,290	0.2	14	5,042	0.3
Drivers Injured	8	4,830	0.2	8	4,674	0.2	14	4,444	0.3
Passengers Injured	1	579	0.2	1	493	0.2	0	505	0.0
Pedestrians Injured	0	71	0.0	0	81	0.0	0	61	0.0
Bicyclists Injured	1	15	6.7	0	28	0.0	0	24	0.0
Other	0	8	0.0	0	14	0.0	0	8	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: 2009						
	Total Accidents	Time of Day				
		Mid-6am	6am-Noon	Noon-6pm	6pm-Mid	Unknown
Total	18	1	2	8	7	0
Sunday	2	1	0	1	0	0
Monday	2	0	0	1	1	0
Tuesday	1	0	0	0	1	0
Wednesday	3	0	0	2	1	0
Thursday	3	0	2	0	1	0
Friday	0	0	0	0	0	0
Saturday	7	0	0	4	3	0

TABLE 3 Motorcycle Operator Gender and Age						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Operators	12	100.0	9	100.0	17	100.0
Male	12	100.0	9	100.0	17	100.0
Female	0	0.0	0	0.0	0	0.0
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	0	0.0	2	11.8
Ages 21-29	2	16.7	2	22.2	2	11.8
Ages 30-39	3	25.0	2	22.2	4	23.5
Ages 40-49	3	25.0	0	0.0	6	35.3
Ages 50-59	3	25.0	3	33.3	3	17.6
Ages 60 and Over	1	8.3	2	22.2	0	0.0
Unknown Age	0	0.0	0	0.0	0	0.0

TABLE 4(P) Select Accident Contributing Factors						
	2007		2008		2009	
	#	%	#	%	#	%
Total MC Accidents	11		10		18	
Alcohol Involvement	0	0.0	1	10.0	1	5.6
Driver Inattention/Distraction	3	27.3	2	20.0	5	27.8
Driver Inexperience	2	18.2	1	10.0	0	0.0
Failure to Keep Right	0	0.0	1	10.0	0	0.0
Failure to Yield R.O.W.	4	36.4	2	20.0	5	27.8
Following Too Closely	1	9.1	1	10.0	1	5.6
Passing/Lane Violations	1	9.1	0	0.0	0	0.0
Traffic Control Disregarded	0	0.0	0	0.0	0	0.0
Turning Improperly	1	9.1	0	0.0	2	11.1
Unsafe Speed	1	9.1	1	10.0	0	0.0

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						
	2007		2008		2009	
	#	%	#	%	#	%
Age Group	8	100.0	10	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	0	0.0
Ages 18-20	0	0.0	1	10.0	2	14.3
Ages 21-29	2	25.0	2	20.0	2	14.3
Ages 30-39	1	12.5	2	20.0	3	21.4
Ages 40-49	2	25.0	0	0.0	4	28.6
Ages 50-59	2	25.0	3	30.0	3	21.4
Ages 60-69	1	12.5	2	20.0	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

TABLE 6(P) Reported Safety Equipment Use for Motorcyclists Killed or Injured						
	2007		2008		2009	
	#	%	#	%	#	%
Motorcyclists	8	100.0	10	100.0	14	100.0
No Helmet Used	0	0.0	1	10.0	0	0.0
Helmet Used	8	100.0	9	90.0	12	85.7
Unknown	0	0.0	0	0.0	2	14.3

TABLE 7 Motorcycle Registrations / License Endorsements				
	MC Registrations		MC Licenses	
	#	% of NYS	#	% of NYS
2005	1,182	0.4	3,345	0.6
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

SECTION 5

Ticket Data

ORLEANS COUNTY

Tickets Issued and Conviction Rates for Select Violations

	2007	2008	2009
TOTAL TICKETS ISSUED	8,945	8,209	7,173
SPEED (V&T 1180)	2,535	2,605	1,760
% of total tickets	28.3%	31.7%	24.5%
% convicted on same charge (of adjudicated cases)	37.9%	32.5%	28.1%
SAFETY RESTRAINTS (V&T 1229c)	1,103	792	735
% of total tickets	12.3%	9.6%	10.2%
% convicted on same charge (of adjudicated cases)	83.1%	81.4%	86.3%
<i>Tickets for Non-Restrained Children (Under Age 16)</i>	68	54	73
IMPAIRED DRIVING (V&T 1192)	340	300	346
% of total tickets	3.8%	3.7%	4.8%
Persons Arrested for Impaired Driving	(N=187)	(N=168)	(N=187)
Case adjudicated	89.8%	91.1%	90.9%
Case pending	10.2%	8.9%	9.1%
Adjudicated Cases*	(N=168)	(N=153)	(N=170)
Convicted on original 1192 charge	37.5%	37.9%	34.7%
Convicted on other 1192 charge	50.0%	51.6%	57.7%
Convicted on non-1192 charge	2.4%	2.6%	1.2%
Dismissed/Acquitted/Convicted on charge associated with different event	10.1%	7.8%	6.5%
* 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

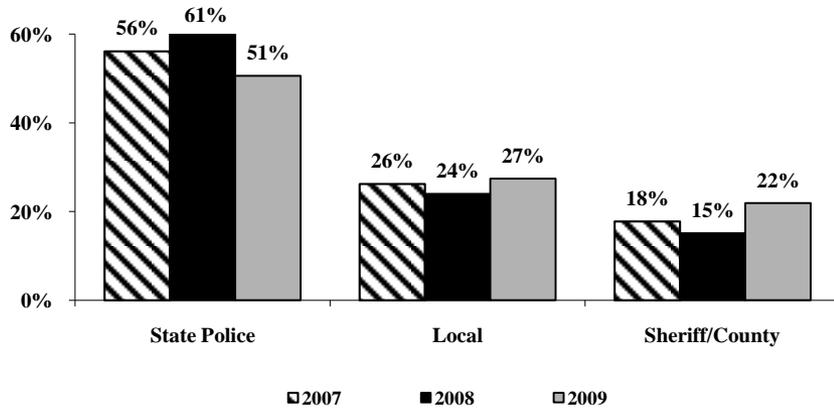
Probation Data for V&T 1192 and 511 Convictions

	2007	2008	2009
Number of Persons Sentenced to Probation	23	32	29
Number of Persons on Probation	83	88	88

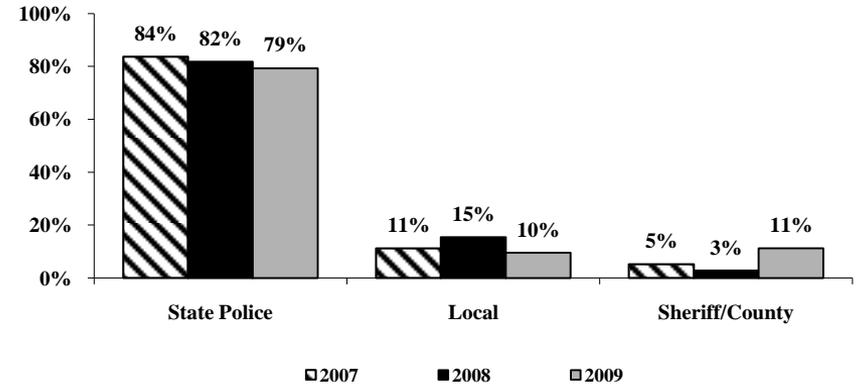
Source: NYS Division of Probation and Correctional Alternatives.

Orleans County Tickets Issued by TSLED Agencies By Agency Type

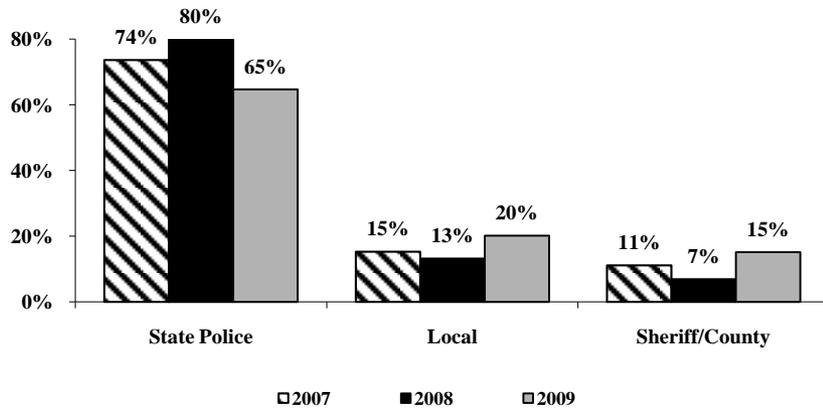
All Tickets



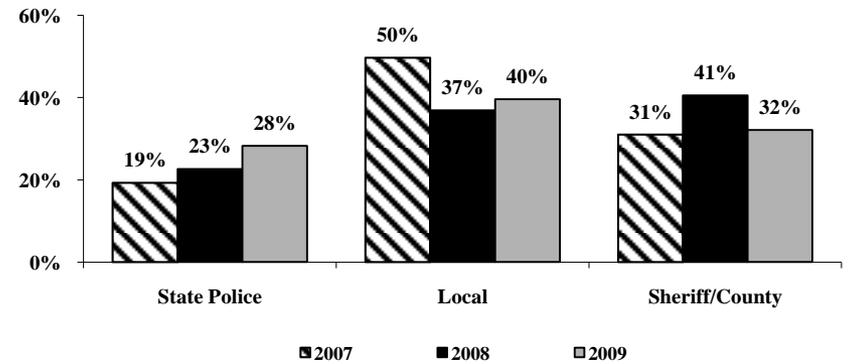
Seat Belt Tickets



Speed Tickets



Persons Ticketed for Impaired Driving



ORLEANS COUNTY

TSLED Tickets Issued for Selected Violations by Enforcement Agency

Enforcement Agency		2007			2008			2009		
		#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total	#	% of Shf/Local	% of Co. Total
Orleans Sheriff NCIC 03600	alcohol	103	38.3	30.3	127	55.2	42.3	117	46.8	33.8
	speed	281	42.6	11.1	179	35.0	6.9	265	43.8	15.1
	seatbelt	57	32.6	5.2	22	15.4	2.8	82	54.3	11.2
Village of Albion P.D. NCIC 03620	alcohol	83	30.9	24.4	46	20.0	15.3	62	24.8	17.9
	speed	114	17.3	4.5	152	29.7	5.8	121	20.0	6.9
	seatbelt	96	54.9	8.7	96	67.1	12.1	50	33.1	6.8
Holley Village P.D. NCIC 03621	alcohol	19	7.1	5.6	16	7.0	5.3	30	12.0	8.7
	speed	203	30.8	8.0	74	14.5	2.8	111	18.3	6.3
	seatbelt	15	8.6	1.4	5	3.5	0.6	11	7.3	1.5
Medina P.D. NCIC 03622	alcohol	64	23.8	18.8	41	17.8	13.7	41	16.4	11.8
	speed	62	9.4	2.4	106	20.7	4.1	108	17.9	6.1
	seatbelt	7	4.0	0.6	20	14.0	2.5	8	5.3	1.1
Totals by Agency Type										
Sheriff and Local	alcohol			79.1	230		76.7	250		72.3
	speed			26.0	511		19.6	605		34.4
	seatbelt			15.9	143		18.1	151		20.5
State Police	alcohol	67		19.7	70		23.3	96		27.7
	speed	1,867		73.6	2,081		79.9	1,139		64.7
	seatbelt	923		83.7	648		81.8	583		79.3
Other <i>incl. Park Police</i>	alcohol	4		1.2	0		0.0	0		0.0
	speed	8		0.3	13		0.5	16		0.9
	seatbelt	5		0.5	1		0.1	1		0.1
County Totals										
	alcohol	340			300			346		
	speed	2,535			2,605			1,760		
	seatbelt	1,103			792			735		

Source: NYS DMV

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