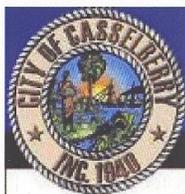
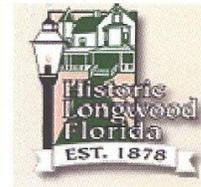


Seminole County Traffic Engineering Crash Facts Book 2009



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**SEMINOLE COUNTY TRAFFIC ENGINEERING
2009 CRASH SUMMARY
CITY OF ALTAMONTE SPRINGS**

	(2008)	(2009)	(+ -)	(%)
CRASHES	1,561	1,454	107↓	7↓%
DRIVERS	3,202	3,000	202↓	6↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	138	168	↑30	↑18%
PEDESTRIANS	7	10	↑3	↑30%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS	2		2↓
PEDESTRIANS		1	↑1
PASSENGERS		1	↑1

(CRASH REPORT FORMAT)	(2009)
LONG	323
SHORT	1,131

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	975
HEAD ON	15
RIGHT ANGLE	146
LEFT TURN	109
RIGHT TURN	38
SIDESWIPE	180
BACKED INTO	21
COLLISION WITH PARKED CAR	12
COLLISION WITH MV ON ROADWAY	32
COLLISION WITH PEDESTRIAN	11
COLLISION WITH BICYCLE	16
MV HIT SIGN/SIGN POST	12
MV HIT UTILITY POLE/LIGHT POLE	9
MV HIT FENCE	1
MV HIT TREE/SHRUBBERY	14
COLLISION WITH FIXED OBJECT ABOVE ROAD	1
MV HIT OTHER FIXED OBJECT	12
COLLISION WITH MOVEABLE OBJECT ON ROAD	1
MV RAN INTO DITCH/CULVERT	2
OVERTURNED	5
OTHER	31
MEDIAN CROSSOVER	4
HIT GUARDRAIL	7

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	30	32	↑2	↑6%
02:00-04:00	24	16	8↓	33↓%
04:00-06:00	16	11	5↓	31↓%
06:00-08:00	79	81	↑2	↑2%
08:00-10:00	157	138	↑19	↑12%
10:00-12:00	155	126	19↓	19↓%
12:00-14:00	219	248	↑29	↑12%
14:00-16:00	224	223	1↓	1↓%
16:00-18:00	285	246	42↓	14↓%
18:00-20:00	218	193	25↓	11↓%
20:00-22:00	86	73	13↓	15↓%
22:00-24:00	65	56	9↓	14↓%
UNKNOWN	3	13	↑23	↑67%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	125	110	15↓	12↓%
MONDAY	236	210	26↓	11↓%
TUESDAY	251	225	30↓	12↓%
WEDNESDAY	231	258	↑27	↑10%
THURSDAY	259	232	27↓	10↓%
FRIDAY	248	270	↑20	↑7%
SATURDAY	205	148	53↓	12↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	121	126	150	143	142	124	130	115	125	129	123	141
2009	117	118	148	113	108	126	112	113	97	124	122	156
+ -	4↓	8↓	2↓	30↓	34↓	↑2	33↓	2↓	28↓	↑5	1↓	↑14
%	4↓%	6↓%	1↓%	21↓%	24↓%	↑2%	23↓%	2↓%	22↓%	↑4%	1↓%	↑10%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	983
FAILED TO YIELD RIGHT OF WAY	132
IMPROPER BACKING	20
IMPROPER LANE CHANGE	136
IMPROPER TURN	64
ALCOHOL/ DRUGS -UNDER INFLUENCE	21
FOLLOWED TOO CLOSELY	15
DISREGARD TRAFFIC SIGNAL	44
EXCEEDED SAFE SPEED LIMIT	4
DISREGARDED STOP SIGN	1
FAILED TO MAINTAIN EQUIP./VEHICLE	6
IMPROPER PASSING	3
DROVE LEFT OF CENTER	3
EXCEEDED STATED SPEED LIMIT	1
OBSTRUCTING TRAFFIC	1
DRIVING WRONG SIDE/ WRONG WAY	4
FLEEING POLICE	2
OTHER	54

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	1,949	1,904	45↓	2↓%
BICYCLE	5	18	↑13	↑28%
BUS (9-15)	1	1		
BUS (OVER 15)	11	7	4↓	36↓%
HEAVY TRUCK	13	15	↑2	↑13%
MED TRUCK	4	17	↑13	↑24%
MOTORCYCLE	24	20	4↓	17↓%
MOTORHOME	2	0	↑2	
PASSENGER VAN	125	175	↑50	↑29%
PICKUP/LIGHT TRUCK	1,014	794	220↓	22↓%
TRUCK TRACTOR	4	6	↑2	↑33%
OTHER	7	12	↑5	↑42%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	1,211	1,083	128↓	11↓%
WHITE	FEMALE	1,192	1,130	62↓	5↓%
AFRICAN-AMERICAN	MALE	204	183	21↓	10↓%
AFRICAN-AMERICAN	FEMALE	198	220	↑22	↑42%
HISPANIC	MALE	143	142	↑1	↑1%
HISPANIC	FEMALE	96	87	9↓	9↓%
ALL/ OTHER	MALE	32	32		
ALL/ OTHER	FEMALE	35	35		
UNKNOWN		85	81	4↓	5↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	4								2		2	
15-19	172	237	1	3	6	14			83	122	89	115
20-24	410	396	7	8	23	23			203	204	207	192
25-29	385	331	9	6	23	21		1	207	156	178	175
30-34	316	290	3	8	13	13			171	159	145	141
35-39	306	280	3	3	8	18			154	136	152	144
40-44	306	286	6	5	13	10			163	137	143	149
45-49	297	265	4		18	17			156	124	141	141
50-54	253	259	2		9	12			129	117	124	142
55-59	196	194	2	1	11	13			94	87	102	107
60-64	150	132			9	8			63	60	87	72
65-69	96	80	1		4	9			46	44	50	36
70-74	72	59			1	1			42	30	30	29
75-79	49	48			1	3			21	23	27	25
80-84	29	22			1	1			14	12	15	10
85-89	18	16			1	1			8	11	10	5
90+	7	7				1			4	4	3	3
Unknown	134	98			2				15	17	7	5

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	321	50%	357	53%
Floridian	223	35%	215	32%
US	17	3%	22	3%
Foreign	2	1%		
Unknown	73	11%	76	11%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	15	5	33%	11	8	73%
Bicyclists	4	3	75%	13	10	77%
All Other Vehicles	636	152	24%	633	115	18%

Top 10 Crash Locations

	LOCATION (2008)	#	INJ.	% OF ALL CRASHES	F A T A L		LOCATION (2009)	#	INJ.	% OF ALL CRASHES	F A T A L
1	SR 436 @ SR 434	92	3	6%		1	SR 436 @ SR 434	95	6	7%	1
2	SR 436 @ DOUGLAS AVE	82	3	5%		2	SR 436 @ DOUGLAS AVE	75	9	5%	
3	SR 436 @ I-4	79	8	5%		3	I-4 @ SR 436	70	7	5%	
4	SR 436 @ NORTHLAKE BLVD	64	2	4%		4	SR 436 @ NORTHLAKE BLVD	58	5	4%	
5	SR 436 @ MONTGOMERY RD	56	5	4%		5	SR 436 @ PALM SPRINGS DR	55	6	4%	
6	SR 436 @ PALM SPRINGS DR	56	5	4%		6	SR 436 @ MONTGOMERY RD	54	6	4%	
7	SR 436 @ MAITLAND AVE	51	4	3%		7	SR 436 @ BOSTON	53	11	4%	
8	SR 436 @ BOSTON	42	1	3%		8	SR 436 @ MAITLAND AVE	47	5	3%	
9	SR 434 @ SR 414	40	2	3%		9	SR 436 @ RONALD REAGAN BLVD	46	12	3%	
10	SR 436 @ WESTMONTE	38	1	2%		10	I-4 @ SR 436	44	7	3%	
	TOTALS	600	34	39%			TOTALS	597	74	42%	1

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	821
AT INTERSECTION	368
INFLUENCED BY INTERSECTION	193
DRIVEWAY ACCESS	19
ENTRANCE RAMP	12
OTHER	16
EXIT RAMP	3
RAILROAD CROSSING	5
BRIDGE	5

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	1,095
DARK (STREET LIGHT)	257
DARK (NO STREET LIGHT)	20
DUSK	52
DAWN	22
UNKNOWN	8

These statistics are based on crash reports received from the City of Altamonte Springs Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY CITY OF CASSELBERRY

	(2008)	(2009)	(+ -)	(%)
CRASHES	907	873	34↓	4↓%
DRIVERS	1,817	1,808	9↓	1↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	130	100	30↓	23↓%
PEDESTRIANS	8	4	4↓	50↓%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS	2	3	↑1
PEDESTRIANS	1		↑1
PASSENGERS	1		↑1

(CRASH REPORT FORMAT)	(2009)
LONG	213
SHORT	660

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	601
HEAD ON	5
RIGHT ANGLE	76
LEFT TURN	58
RIGHT TURN	28
SIDESWIPE	89
BACKED INTO	26
COLLISION WITH PARKED CAR	13
COLLISION WITH MV ON ROADWAY	3
COLLISION WITH PEDESTRIAN	5
COLLISION WITH BICYCLE	16
MV HIT SIGN/SIGN POST	12
MV HIT UTILITY POLE/LIGHT POLE	9
MV HIT FENCE	1
MV HIT TREE/SHRUBBERY	7
COLLISION WITH FIXED OBJECT ABOVE ROAD	6
MV HIT OTHER FIXED OBJECT	27
COLLISION WITH MOVEABLE OBJECT ON ROAD	1
MV RAN INTO DITCH/CULVERT	2
OVERTURNED	7
OTHER	28
MEDIAN CROSSOVER	3
HIT GUARDRAIL	1

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	28	8	20↓	29↓%
02:00-04:00	13	22	↑9	↑41%
04:00-06:00	13	12	↑9	↑8%
06:00-08:00	40	35	5↓	12↓%
08:00-10:00	92	78	14↓	15↓%
10:00-12:00	88	74	14↓	16↓%
12:00-14:00	113	97	16↓	14↓%
14:00-16:00	117	131	↑14	↑11%
16:00-18:00	184	180	4↓	2↓%
18:00-20:00	106	127	↑21	↑17%
20:00-22:00	56	59	3↓	5↓%
22:00-24:00	49	39	10↓	20↓%
UNKNOWN	8	1	7↓	87↓%

Day of the Week Summary

(TIME OF DAY)	(2008)	(2009)	(+ -)	(%)
SUNDAY	71	70	1↓	1↓%
MONDAY	141	123	18↓	13↓%
TUESDAY	116	160	↑46	↑27%
WEDNESDAY	147	129	18↓	12↓%
THURSDAY	132	129	3↓	2↓%
FRIDAY	180	157	23↓	23↓%
SATURDAY	120	105	15↓	12↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	95	65	73	76	87	68	78	73	73	81	77	57
2009	70	56	65	79	77	84	84	87	56	64	75	76
+ -	25↓	9↓	8↓	↑3	10↓	↑16	5↓	↑14	17↓	17↓	2↓	↑19
%	26↓%	24↓%	11↓%	↑4%	11↓%	↑29%	7↓%	↑16%	23↓%	21↓%	3↓%	↑25%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	625
FAILED TO YIELD RIGHT OF WAY	78
IMPROPER BACKING	25
IMPROPER LANE CHANGE	50
IMPROPER TURN	31
ALCOHOL/ DRUGS -UNDER INFLUENCE	28
FOLLOWED TOO CLOSELY	12
DISREGARD TRAFFIC SIGNAL	17
EXCEEDED SAFE SPEED LIMIT	3
DISREGARDED STOP SIGN	10
FAILED TO MAINTAIN EQUIP./VEHICLE	5
IMPROPER PASSING	6
DROVE LEFT OF CENTER	8
EXCEEDED STATED SPEED LIMIT	1
OBSTRUCTING TRAFFIC	2
DRIVING WRONG SIDE/WRONG WAY	1
DISREGARDED OTHER TRAFFIC CONTROL	6
OTHER	61

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	1,067	1,114	↑51	↑4%
BICYCLE	17	24	↑7	↑29%
BUS (9-15)		2	↑2	
BUS (OVER 15)	7	2	5↓	71↓%
HEAVY TRUCK	4	6	↑2	↑33%
MED TRUCK	4	13	↑9	↑69%
MOTORCYCLE	25	26	↑1	↑4%
MOTORHOME		2	↑2	
PASSENGER VAN	71	98	↑27	↑28%
PICKUP/LIGHT TRUCK	569	481	88↓	15↓%
TRUCK TRACTOR		3	↑3	
OTHER	50	37	↑13	↑26%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	787	708	79↓	10↓%
WHITE	FEMALE	671	740	↑69	↑9%
AFRICAN-AMERICAN	MALE	68	86	18↓	21↓%
AFRICAN-AMERICAN	FEMALE	75	88	↑23	↑15%
HISPANIC	MALE	49	38	11↓	22↓%
HISPANIC	FEMALE	33	61	↑28	↑46%
ALL/ OTHER	MALE	18	21	↑3	↑14%
ALL/ OTHER	FEMALE	19	29	↑10	↑34%
UNKNOWN		93	37	56↓	60↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	1	4				3				3	1	1
15-19	70	138	1	4	3	5			37	60	33	78
20-24	305	294	9	16	19	18	1		167	150	138	144
25-29	239	217	17	7	23	8	1	1	123	103	116	112
30-34	150	161	5	7	12	8			74	95	76	66
35-39	145	147	8	4	7	9			83	77	62	70
40-44	137	153	3	3	13	5			83	82	54	71
45-49	159	162	3	4	14	12			83	91	76	71
50-54	135	123	4	8	17	8			74	74	61	49
55-59	99	104	5	1	9	7			45	56	54	48
60-64	87	85		1	3	7			48	49	39	36
65-69	65	56	2		4	7			37	25	28	31
70-74	34	38			2	4			17	16	17	22
75-79	25	29	1		3	2			20	18	14	11
80-84	19	20			5	1			15	12	10	8
85-89	2	4			1	1			7	4	12	4
90+		4							2			3
Unknown	145	69	1		2				6	7	5	3

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	268	57%	252	57%
Floridian	121	26%	107	24%
US	7	1%	9	2%
Foreign	1			
Unknown	75	16%	78	17%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	17	11	65%	12	8	67%
Bicyclists	10	8	80%	16	15	94%
All Other Vehicles	444	146	33%	409	122	30%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF TOTAL CRASHES	INJ	F A T A L		LOCATION (2009)	#	% OF TOTAL CRASHES	INJ.	F A T A L
1	SR 436 @ HOWELL BRANCH	106	12%	13		1	US 17-92 @ SR 436	87	10%	6	1
2	US 17-92 @ SR 436	71	8%	10		2	SR 436 @ HOWELL BRANCH RD	79	9%	9	
3	SR 436 @ OXFORD	44	5%	9		3	SR 436 @ FERN PARK BLVD	48	5%	7	
4	SR 436 @ WILSHIRE DR	43	5%	2		4	SR 436 @ WILSHIRE BLVD	39	4%	5	
5	SR 436 @ FERN PARK BLVD	38	4%	3		5	SR 436 @ OXFORD DR	34	4%	6	
6	SR 436 @ RED BUG LAKE RD	37	4%	2		6	SR 436 @ CARMEL CIRCLE	31	4%	6	
7	SR 436 @ KEWANNEE TRL	30	3%	3		7	SR 436 @ KEWANNEE TRL	28	3%	11	
8	SR 436 @ LAKE HOWELL LN	29	3%	1		8	SR 436 @ LAKE HOWELL LN	25	3%	5	
9	RED BUG LAKE @ WINTER PARK DR	29	3%	9		9	RED BUG LAKE @ WINTER PARK DR	25	3%	12	
10	SR 436 @ ZAYRES PLAZA	27	3%	1		10	SR 436 @ RED BUG LAKE RD	24	3%	7	
	(TOTALS)	454	50%	53			(TOTALS)	420	48%	74	1

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	392
AT INTERSECTION	321
INFLUENCED BY INTERSECTION	118
DRIVEWAY ACCESS	19
ENTRANCE RAMP	1
OTHER	14
EXIT RAMP	
RAILROAD CROSSING	
BRIDGE	

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	622
DARK (STREET LIGHT)	197
DARK (NO STREET LIGHT)	9
DUSK	33
DAWN	3
UNKNOWN	9

These statistics are based on crash reports received from the City of Casselberry Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY CITY OF LAKE MARY

	(2008)	(2009)	(+ -)	(%)
CRASHES	388	402	↑14	↑3%
DRIVERS	782	844	↑62	↑7%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	34	63	↑29	↑46%
PEDESTRIANS	1	3	↑2	↑67%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS	1		↑1
PEDESTRIANS	1		↑1
PASSENGERS			

(CRASH REPORT FORMAT)	(2009)
LONG	107
SHORT	295

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	301
HEAD ON	3
RIGHT ANGLE	37
LEFT TURN	22
RIGHT TURN	12
SIDESWIPE	41
BACKED INTO	1
COLLISION WITH PARKED CAR	5
COLLISION WITH PEDESTRIAN	4
COLLISION WITH BICYCLE	3
MV HIT SIGN/SIGN POST	4
MV HIT UTILITY POLE/LIGHT POLE	2
HIT CONCRETE WALL	3
MV HIT TREE/SHRUBBERY	3
COLLISION WITH FIXED OBJECT ABOVE ROAD	2
COLLISION WITH MOVEABLE OBJECT ON ROAD	1
MV RAN INTO DITCH/CULVERT	1
OVERTURNED	1
OTHER	4
MEDIAN CROSSOVER	
HIT GUARDRAIL	1
HIT FENCE	
COLLISION WITH TRAIN	

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	7	9	↑2	↑22%
02:00-04:00	7	3	4↓	56↓%
04:00-06:00	4	3	↑1	↑25%
06:00-08:00	28	13	15↓	54↓%
08:00-10:00	52	53	↑1	↑2%
10:00-12:00	45	3	42↓	93↓%
12:00-14:00	64	73	↑9	↑12%
14:00-16:00	59	76	↑17	↑22%
16:00-18:00	62	61	1↓	2↓%
18:00-20:00	33	23	10↓	30↓%
20:00-22:00	19	18	1↓	5↓%
22:00-24:00	7	64	↑57	↑89%
UNKNOWN	1	3	2↓	67↓%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	27	21	6↓	22↓%
MONDAY	68	93	↑25	↑27%
TUESDAY	50	55	↑5	↑9%
WEDNESDAY	65	71	↑6	↑8%
THURSDAY	74	52	22↓	30↓%
FRIDAY	66	58	8↓	12↓%
SATURDAY	33	52	↑19	↑37%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	31	46	36	37	33	28	34	38	32	24	33	30
2009	31	43	37	30	41	32	26	45	20	22	38	37
+ -		3↓	↑1	↑7	↑8	↑4	8↓	↑7	12↓	2↓	↑5	↑7
%		7↓%	↑3%	↑19%	↑20%	↑12%	24↓%	↑16%	37↓%	8↓%	↑13%	↑19%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	291
FAILED TO YIELD RIGHT OF WAY	41
IMPROPER BACKING	3
IMPROPER LANE CHANGE	12
IMPROPER TURN	4
ALCOHOL/ DRUGS -UNDER INFLUENCE	7
FOLLOWED TOO CLOSELY	9
DISREGARD TRAFFIC SIGNAL	13
EXCEEDED SAFE SPEED LIMIT	3
DISREGARDED STOP SIGN	1
FAILED TO MAINTAIN EQUIP./VEHICLE	
IMPROPER PASSING	1
DROVE LEFT OF CENTER	2
EXCEEDED STATED SPEED LIMIT	3
OBSTRUCTING TRAFFIC	1
DRIVING WRONG SIDE/WRONG WAY	4
FLEEING POLICE	2
OTHER	14

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	452	512	↑60	↑12%
BICYCLE	3	5	↑2	↑40%
BUS (9-15)				
BUS (OVER 15)	4	7	3↓	43↓%
HEAVY TRUCK	2	2	0	
MED TRUCK	1	6	↑5	↑83%
MOTORCYCLE	6	7	1↓	14↓%
MOTORHOME				
PASSENGER VAN	15	49	↑34	↑69%
PICKUP/LIGHT TRUCK	278	238	40↓	14↓%
TRUCK TRACTOR	1	3	↑2	↑67%
OTHER	3	14	↑11	↑79%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	331	338	↑7	↑2%
WHITE	FEMALE	293	320	27↓	8↓%
AFRICAN-AMERICAN	MALE	44	41	3↓	7↓%
AFRICAN-AMERICAN	FEMALE	42	53	↑11	↑21%
HISPANIC	MALE	15	19	↑4	↑21%
HISPANIC	FEMALE	10	13	3↓	23↓%
ALL/ OTHER	MALE	7	5	↑2	↑29%
ALL/ OTHER	FEMALE	9	17	8↓	47↓%
UNKNOWN		31	37	↑6	↑16%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	1								1			
15-19	49	79		1	2	5			17	44	32	35
20-24	103	132	1	3	5	12			56	70	47	62
25-29	83	92	4	3	4	7			36	54	47	38
30-34	68	65	1	1	2	3			35	24	33	41
35-39	77	90	1	3	3	3			34	41	43	49
40-44	71	72		2	5	6			47	39	24	33
45-49	79	75	1	1	6	8			45	33	34	42
50-54	57	65			2	5			33	25	24	40
55-59	48	59	2	1	1	6			24	26	24	33
60-64	42	27			2	6			23	15	19	12
65-69	29	21			2				19	10	10	11
70-74	24	12			1	1			13	9	11	3
75-79	7	11				1			2	7	5	4
80-84	6	4							4	6	1	3
85-89	6	5							3			
90+												
Unknown	33	35			2	3			5	9	1	5

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	119	60%	149	67%
Floridian	50	25%	35	16%
US	7	3%	5	2%
Foreign				
Unknown	23	12%	33	15%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	3	0		5	0	
Bicyclists	1	1	100%	3	3	100%
All Other Vehicles	194	47	24%	211	53	25%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF ALL CRASHE S	INJ.	F A T A L		LOCATION (2009)	#	% OF ALL CRASHES	INJ.	F A T A L
1	LAKE MARY BLVD @ LAKE EMMA RD	55	18%			1	LAKE MARY BLVD @ LAKE EMMA RD	50	12%	6	
2	CR 15 @ LAKE MARY BLVD	38	10%	1		2	LAKE MARY BLVD @ RINEHART RD	49	12%	5	
3	LAKE MARY BLVD @ RINEHART RD	31	8%	2		3	CR 15 @ LAKE MARY BLVD	34	8%	1	
4	LAKE MARY BLVD @ FOREST BLVD	17	4%	1		4	LAKE MARY BLVD @ LONGWOOD LAKE MARY	21	5%	2	
5	US 17-92 @ WELDON BLVD	16	4%	3		5	US 17-92 @ WELDON BLVD	18	4%	5	
6	LAKE MARY BLVD @ 4 TH STREET	16	4%	2		6	LAKE MARY BLVD @ LAKE MARY CENTRE	18	4%	2	
7	CR 46 @ RINEHART RD	13	3%			7	LAKE MARY BLVD @ SUN DR	17	4%	3	
8	LAKE MARY BLVD @ LAKE MARY CENTRE	13	3%			8	I-4 EB EXIT @ LAKE MARY BLVD	15	4%	2	
9	LAKE MARY BLVD @ LONGWOOD LAKE MARY RD	12	3%			9	LAKE MARY BLVD @ FOREST	14	4%	7	
10	LAKE MARY BLVD @ SUN DR	12	3%			10	RINEHART RD @ PRIMERA	14	4%	5	
	(TOTALS)	223	60%	9			(TOTALS)	250	61%	38	

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	155
AT INTERSECTION	121
INFLUENCED BY INTERSECTION	98
DRIVEWAY ACCESS	4
ENTRANCE RAMP	3
OTHER	11
EXIT RAMP	5
RAILROAD CROSSING	4
BRIDGE	

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	318
DARK (STREET LIGHT)	55
DARK (NO STREET LIGHT)	7
DUSK	15
DAWN	1
UNKNOWN	6

These statistics are based on crash reports received from the City of Lake Mary Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY CITY OF LONGWOOD

	(2008)	(2009)	(+ -)	(%)
CRASHES	657	633	16↓	4↓%
DRIVERS	1,324	1,303	21↓	2↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	70	84	↑14	↑17%
PEDESTRIANS	3	2	1↓	33↓%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS		1	↑1
PEDESTRIANS			
PASSENGERS			

(CRASH REPORT FORMAT)	(2009)
LONG	153
SHORT	480

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	403
HEAD ON	10
RIGHT ANGLE	54
LEFT TURN	59
RIGHT TURN	24
SIDESWIPE	81
BACKED INTO	8
COLLISION WITH PARKED CAR	4
COLLISION WITH MV ON ROADWAY	4
COLLISION WITH PEDESTRIAN	5
COLLISION WITH BICYCLE	5
MV HIT SIGN/SIGN POST	4
MV HIT UTILITY POLE/LIGHT POLE	6
MV HIT FENCE	3
MV HIT TREE/SHRUBBERY	1
COLLISION WITH FIXED OBJECT ABOVE ROAD	6
MV HIT OTHER FIXED OBJECT	8
COLLISION WITH MOVEABLE OBJECT ON ROAD	3
OCCUPANT FELL FROM VEHICLE	1
OTHER	38
MEDIAN CROSSOVER	1
HIT GUARDRAIL	1

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	8	15	↑7	↑47%
02:00-04:00	10	5	5↓	50↓%
04:00-06:00	5	1	4↓	80↓%
06:00-08:00	48	45	3↓	6↓%
08:00-10:00	76	78	2↓	3↓%
10:00-12:00	68	66	2↓	3↓%
12:00-14:00	101	78	↑23	↑23%
14:00-16:00	130	111	19↓	15↓%
16:00-18:00	94	127	↑33	↑26%
18:00-20:00	47	50	3↓	6↓%
20:00-22:00	41	31	10↓	24↓%
22:00-24:00	24	26	↑2	↑8%
UNKNOWN	1		1↓	

Day of the Week Summary

TIME OF DAY)	(2008)	(2009)	(+ -)	(%)
SUNDAY	44	35	11↓	20↓%
MONDAY	112	96	16↓	14↓%
TUESDAY	116	120	↑4	↑3%
WEDNESDAY	126	116	10↓	8↓%
THURSDAY	110	96	14↓	13↓%
FRIDAY	93	115	↑22	↑19%
SATURDAY	56	55	1↓	2↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	65	63	67	41	61	53	67	42	57	49	45	44
2009	65	56	57	40	52	50	51	46	59	55	46	56
+ -		7↓	10↓	1↓	9↓	↑3	16↓	↑4	↑2	↑6	1↓	↑12
%		11↓%	15↓%		15↓%	↑6%	24↓%	↑9%	↑3%	↑11%	2↓%	↑21%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	481
FAILED TO YIELD RIGHT OF WAY	57
IMPROPER BACKING	7
IMPROPER LANE CHANGE	36
IMPROPER TURN	8
ALCOHOL/ DRUGS -UNDER INFLUENCE	10
FOLLOWED TOO CLOSELY	1
DISREGARD TRAFFIC SIGNAL	8
EXCEEDED SAFE SPEED LIMIT	1
DISREGARDED STOP SIGN	4
FAILED TO MAINTAIN EQUIP./VEHICLE	3
IMPROPER PASSING	1
DROVE LEFT OF CENTER	1
EXCEEDED STATED SPEED LIMIT	1
OBSTRUCTING TRAFFIC	1
OBSTRUCTING TRAFFIC	2
OTHER	18

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	773	763	10↓	1↓%
BICYCLE	10	7	↑3	↑30%
BUS (9-15)	1		↑1	
BUS (OVER 15)	7	5	↑2	↑29%
HEAVY TRUCK	6	5	1↓	17↓%
MED TRUCK	4	10	↑6	↑60%
MOTORCYCLE	14	16	↑2	↑12%
PASSENGER VAN	56	85	↑29	↑34%
PICKUP/LIGHT TRUCK	406	377	29↓	7↓%
TRUCK TRACTOR	7	8	↑1	↑12%
OTHER	2	26	↑24	↑92%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	574	606	↑32	↑5%
WHITE	FEMALE	487	459	28↓	6↓%
AFRICAN-AMERICAN	MALE	67	57	10↓	15↓%
AFRICAN-AMERICAN	FEMALE	48	44	↑4	↑8%
HISPANIC	MALE	43	41	↑2	↑5%
HISPANIC	FEMALE	20	16	4↓	20↓%
ALL/ OTHER	MALE	13	14	↑1	↑7%
ALL/ OTHER	FEMALE	9	6	3↓	33↓%
UNKNOWN		61	58	3↓	5↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	4	3			1	3			1	1	3	2
15-19	66	85		1	2	6			27	45	39	40
20-24	146	155	3	1	8	7			85	83	61	72
25-29	182	149	4	1	14	8			93	82	89	67
30-34	115	112	2	6	5	9		1	59	67	56	55
35-39	95	120	1	3	3	5			49	70	46	50
40-44	116	119	5	4	4	10			74	79	42	40
45-49	132	135	2	7	7	8			70	78	62	57
50-54	116	107	3	2	11	10			65	62	51	45
55-59	74	72	2	1	6	12			44	43	30	29
60-64	59	55			4	4			33	33	26	22
65-69	48	41			1	1			32	22	16	19
70-74	37	25			1		1		23	13	14	12
75-79	35	17		1	3	2			18	23	17	6
80-84	10	18			1	1			5	12	5	6
85-89	3	15			1				5	7	1	8
90+	3											
Unknown	69	75	2	1	2				7	11	2	9

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	173	52%	192	61%
Floridian	96	29%	75	24%
US	10	3%	6	2%
Foreign	1		2	1%
Unknown	53	16%	41	13%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009)	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	6	2	33%	11	6	55%
Bicyclists	6	6	100%	5	4	80%
All Other Vehicles	316	83	26%	298	59	20%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF TOTAL CRASHES	INJ.	F A T A L		LOCATION (2009)	#	% OF TOTAL CRASH ES	INJ.	F A T A L
1	SR 434 @ CR 427	60	9%	6		1	US 17-92 @ SR 434	62	10%	9	
2	US 17-92 @ SR 434	50	8%	5		2	SR 434 @ CR 427	55	9%	6	
3	SR 434 @ I-4	36	5%	5		3	SR 434 @ I-4	33	5%	6	
4	US 17-92 @ DOG TRACK RD	30	5%	5		4	SR 434 @ RANGELINE RD	29	5%	1	
5	SR 434 @ FLORIDA CENTRAL PKWY	26	4%	2		5	SR 434 @ RAYMOND AVE	24	4%	4	
6	SR 434 @ RAYMOND AVE	25	4%	2		6	RONALD REAGAN @ DOG TRACK RD	21	3%	1	
7	SR 434 @ RANGELINE RD	23	4%		1	7	SR 434 @ FLORIDA CENTRAL PKWY	20	3%	1	
8	SR 434 @ PALM SPRINGS DR	23	4%			8	SR 434 @ GRANT STREET	20	3%	3	
9	CR 427 @ DOG TRACK RD	16	2%			9	I-4 WB EXIT @ SR 434	16	3%	2	
10	SR 434 @ MARKHAM WOODS	14	2%			10	US 17-92 @ CHURCH ST	14	2%	2	
	(TOTALS)	303	47%	25	1		(TOTALS)	294	47%	35	

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	266
AT INTERSECTION	202
INFLUENCED BY INTERSECTION	112
DRIVEWAY ACCESS	19
ENTRANCE RAMP	5
OTHER	4
EXIT RAMP	12
RAILROAD CROSSING	8

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	504
DARK (STREET LIGHT)	99
DARK (NO STREET LIGHT)	10
DUSK	16
DAWN	1
UNKNOWN	2

These statistics are based on crash reports received from the City of Longwood Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY CITY OF OVIEDO

	(2008)	(2009)	(+ -)	(%)
CRASHES	575	515	60↓	10↓%
DRIVERS	1,138	1,046	92↓	8↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	67	70	↑3	↑4%
PEDESTRIANS	1	2	↑1	↑50%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS		1	↑1
PEDESTRIANS			
PASSENGERS			

(CRASH REPORT FORMAT)	(2009)
LONG	121
SHORT	394

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	292
HEAD ON	3
RIGHT ANGLE	46
LEFT TURN	69
RIGHT TURN	16
SIDESWIPE	42
BACKED INTO	18
COLLISION WITH PARKED CAR	15
COLLISION WITH MV ON ROADWAY	2
COLLISION WITH PEDESTRIAN	3
COLLISION WITH BICYCLE	3
MV HIT SIGN/SIGN POST	6
MV HIT UTILITY POLE/LIGHT POLE	7
MV HIT FENCE	4
MV HIT TREE/SHRUBBERY	8
COLLISION WITH FIXED OBJECT ABOVE ROAD	4
MV HIT OTHER FIXED OBJECT	12
COLLISION WITH ANIMAL	2
MV RAN INTO DITCH/CULVERT	1
OVERTURNED	2
OTHER	9
HIT CONCRETE WALL	3

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+ -)	(%)
00:00-02:00	11	13	↑2	↑15%
02:00-04:00	12	6	6↓	50↓%
04:00-06:00	7	9	↑2	↑22%
06:00-08:00	41	41		
08:00-10:00	64	56	↑8	↑12%
10:00-12:00	29	34	↑5	↑15%
12:00-14:00	96	50	46↓	48↓%
14:00-16:00	81	77	4↓	5↓%
16:00-18:00	104	97	7↓	7↓%
18:00-20:00	72	84	↑12	↑14%
20:00-22:00	32	26	6↓	19↓%
22:00-24:00	25	22	3↓	12↓%
UNKNOWN	1		1↓	

Day of the Week Summary

DAY OF THE WEEK	2008	2009	+ -	%
SUNDAY	49	41	8↓	16↓%
MONDAY	93	67	26↓	28↓%
TUESDAY	94	68	26↓	28↓%
WEDNESDAY	102	99	3↓	3↓%
THURSDAY	81	98	↑17	↑17%
FRIDAY	89	83	6↓	7↓%
SATURDAY	67	59	8↓	12↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	47	57	45	38	53	48	40	47	41	62	41	56
2009	51	50	46	25	46	36	36	38	51	44	48	44
+ -	↑4	7↓	↑1	13↓	7↓	12↓	4↓	9↓	↑10	18↓	7↓	12↓
%	↑8%	12↓%	2↑%	34↓%	13↓%	25↓%	10↓%	19↓%	20↓%	29↓%	15↓%	21↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

CAUSE OF CRASH	NUMBER
CARELESS DRIVING	311
FAILED TO YIELD RIGHT OF WAY	91
IMPROPER BACKING	19
IMPROPER LANE CHANGE	23
IMPROPER TURN	11
ALCOHOL/ DRUGS -UNDER INFLUENCE	13
FOLLOWED TOO CLOSELY	12
DISREGARD TRAFFIC SIGNAL	10
EXCEEDED SAFE SPEED LIMIT	14
DISREGARDED STOP SIGN	2
FAILED TO MAINTAIN EQUIP./VEHICLE	4
DISREGARDED OTHER TRAFFIC CONTROL	2
DROVE LEFT OF CENTER	6
EXCEEDED STATED SPEED LIMIT	1
OBSTRUCTING TRAFFIC	
DRIVING WRONG SIDE/WRONG WAY	2
OTHER	34

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	792	752	40↓	5↓%
BICYCLE	8	3	5↓	62↓%
BUS (OVER 15)	7	4	3↓	43↓%
HEAVY TRUCK	13	9	4↓	31↓%
MED TRUCK	5	4	1↓	20↓%
MOTORCYCLE	14	6	8↓	57↓%
UNKNOWN	31	8	23↓	74↓%
PASSENGER VAN	58	73	↑15	↑21%
PICKUP/LIGHT TRUCK	200	180	20↓	10↓%
TRUCK TRACTOR	3	3		
OTHER	2	4	↑2	↑50%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	468	418	50↓	11↓%
WHITE	FEMALE	467	476	↑10	↑2%
AFRICAN-AMERICAN	MALE	63	27	36↓	57↓%
AFRICAN-AMERICAN	FEMALE	39	38	↑1	↑3%
HISPANIC	MALE	12	18	↑6	↑33%
HISPANIC	FEMALE	13	22	↑9	↑41%
ALL/ OTHER	MALE	5	7	↑2	↑29%
ALL/ OTHER	FEMALE	6		6↓	
UNKNOWN		65	40	25↓	38↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	4				2				3		1	
15-19	139	159	2	2	7	14			72	85	67	74
20-24	176	188	9	3	14	8			91	77	85	111
25-29	85	93	1	4	5	12			38	47	47	46
30-34	95	65		2	3	4			47	31	48	34
35-39	95	84		2	7	8			54	38	41	46
40-44	106	89	3	1	8	5			49	38	57	51
45-49	117	77	1	3	5	5			55	37	62	60
50-54	94	73	1		6	3			44	35	50	38
55-59	53	63			4	5			29	30	24	33
60-64	29	31			1	3			11	11	18	21
65-69	15	28							10	15	5	13
70-74	29	11			2			1	15	7	14	4
75-79	7	4							6	3	1	1
80-84	8	5			3				6	3	2	2
85-89	6	6							3	4	3	
90+												
Unknown	70	50	1			3			9	10	22	5

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	191	72%	173	70%
Floridian	52	20%	51	21%
US	2	1%	1	
Foreign	1			
Unknown	18	7%	21	9%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	8	5	63%	4	1	25%
Bicyclists	6	4	67%	2	1	50%
All Other Vehicles	249	31	12%	234	67	29%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF TOTAL CRASHES	INJ	F A T A L		LOCATION (2009)	#	% OF TOTAL CRASHES	IN J.	F A T A L
1	SR 434 @ MITCHELL HAMMOCK	47	8%	5		1	SR 434 @ MITCHELL HAMMOCK	59	11%	8	
2	CR 419 @ LOCKWOOD BLVD	37	6%	6		2	CR 419 @ LOCKWOOD BLVD	44	9%	5	
3	MITCHELL HAMMOCK @ LOCKWOOD BLVD	30	5%	6		3	MITCHELL HAMMOCK @ LOCKWOOD BLVD	24	5%	2	
4	SR 426 @ MITCHELL HAMMOCK	20	3%	2		4	MITCHELL HAMMOCK @ EASTBRIDGE	19	4%	5	
5	MITCHELL HAMMOCK @ MANIGAN	19	3%			5	MITCHELL HAMMOCK @ KATIE JEAN	18	3%	2	1
6	SR 434 @ CHAPMAN RD	16	3%	3		6	SR 434 @ CHAPMAN	17	3%		
7	MITCHELL HAMMOCK @ HENSON	16	3%	3		7	ALAFAYA WOODS BLVD @ MITCHELL HAMMOCK RD	17	3%	1	
8	SR 426 @ STATION ST	13	2%	2		8	CR 419 @ TWIN RIVERS BLVD	15	3%	2	
9	MITCHELL HAMMOCK @ OVIEDO BLVD	13	2%	2		9	SR 426 @ MITCHELL HAMMOCK RD	12	2%		
10	SR 434 @ SR 426 (BROADWAY)	11	2%			10	SR 434 @ ALEXANDRIA	12	2%		
	(TOTALS)	222	37%	29			(TOTALS)	237	45%	25	1

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	214
AT INTERSECTION	199
INFLUENCED BY INTERSECTION	74
DRIVEWAY ACCESS	21
ENTRANCE RAMP	
OTHER	3
EXIT RAMP	
RAILROAD CROSSING	
BRIDGE	

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	371
DARK (STREET LIGHT)	94
DARK (NO STREET LIGHT)	11
DUSK	30
DAWN	8
UNKNOWN	1

These statistics are based on crash reports received from the City of Oviedo Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

**SEMINOLE COUNTY TRAFFIC ENGINEERING
2009 CRASH SUMMARY
CITY OF SANFORD**

	(2008)	(2009)	(+ -)	(%)
CRASHES	1,029	988	41↓	4↓%
DRIVERS	2,036	1,968	68↓	3↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	205	184	21↓	10↓%
PEDESTRIANS	17	14	3↓	18↓%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS	1	2	↑1
PEDESTRIANS	2	1	1↓
PASSENGERS	1		1↓

(CRASH REPORT FORMAT)	(2009)
LONG	343
SHORT	645

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

HARMFUL EVENT	2009
REAR END	418
HEAD ON	28
RIGHT ANGLE	189
LEFT TURN	113
RIGHT TURN	39
SIDESWIPE	79
BACKED INTO	27
COLLISION WITH PARKED CAR	22
COLLISION WITH MV ON ROADWAY	29
COLLISION WITH PEDESTRIAN	18
COLLISION WITH BICYCLE	14
MV HIT SIGN/SIGN POST	16
MV HIT UTILITY POLE/LIGHT POLE	23
MV HIT FENCE	7
MV HIT TREE/SHRUBBERY	13
COLLISION WITH FIXED OBJECT ABOVE ROAD	7
MV HIT OTHER FIXED OBJECT	10
COLLISION WITH TRAFFIC GATE	2
MV RAN INTO DITCH/CULVERT	2
OVERTURNED	5
OTHER	45
HIT CONCRETE WALL	4
OCCUPANT FELL FROM VEHICLE	1
SEPARATION OF UNITS	2
HIT GUARDRAIL	
HIT CONCRETE BARRIER	
COLLISION WITH MOVEABLE OBJECT ON ROAD	
COLLISION WITH ANIMAL	

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+ -)	(%)
00:00-02:00	38	21	17↓	45↓%
02:00-04:00	33	24	9↓	27↓%
04:00-06:00	14	12	↑2	↑14%
06:00-08:00	52	53	↑1	↑2%
08:00-10:00	76	88	↑12	↑14%
10:00-12:00	110	108	2↓	2↓%
12:00-14:00	139	159	↑46	↑13%
14:00-16:00	162	150	12↓	7↓%
16:00-18:00	168	168		
18:00-20:00	117	111	6↓	5↓%
20:00-22:00	68	63	5↓	7↓%
22:00-24:00	50	23	27↓	54↓%
UNKNOWN	2	7	↑5	↑29%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	99	90	9↓	9↓%
MONDAY	185	155	30↓	16↓%
TUESDAY	153	130	↑23	15%
WEDNESDAY	134	149	↑15	10%
THURSDAY	145	136	17↓	6↓%
FRIDAY	168	186	↑18	10%
SATURDAY	145	142	3↓	2↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	100	79	83	92	92	83	75	88	74	86	77	107
2009	92	75	75	99	86	85	79	84	61	85	91	76
+ -	8↓	4↓	8↓	↑7	6↓	↑2	↑4	4↓	↑13	1↓	↑14	31↓
%	8↓%	5↓%	10↓%	↑7%	7↓%	↑2%	↑5%	5↓%	↑18%	1↓%	↑15%	29↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	540
FAILED TO YIELD RIGHT OF WAY	226
IMPROPER BACKING	32
IMPROPER LANE CHANGE	35
IMPROPER TURN	22
ALCOHOL/ DRUGS -UNDER INFLUENCE	17
FOLLOWED TOO CLOSELY	15
DISREGARD TRAFFIC SIGNAL	25
EXCEEDED SAFE SPEED LIMIT	6
DISREGARDED STOP SIGN	4
IMPROPER PASSING	4
FAILED TO MAINTAIN EQUIP./VEHICLE	6
DISREGARDED OTHER TRAFFIC CONTROL	8
DROVE LEFT OF CENTER	2
IMPROPER LOAD	1
EXCEEDED STATED SPEED LIMIT	1
OBSTRUCTING TRAFFIC	3
FLEEING POLICE	7
OTHER	96

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	1,216	1,155	61↓	5↓%
BICYCLE	12	22	↑10	↑45%
BUS (9-15)	1	1		
BUS (OVER 15)	13	12	1↓	8↓%
HEAVY TRUCK	15	13	↑2	↑13%
MED TRUCK	8	13	↑5	↑38%
MOTORCYCLE	40	30	10↓	25↓%
MOTOR HOME	2	1	1↓	50↓%
PASSENGER VAN	97	100	3↓	3↓%
PICKUP/LIGHT TRUCK	558	558		
TRUCK TRACTOR	8	6	2↓	25↓%
OTHER	63	56	7↓	21↓%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	665	665		
WHITE	FEMALE	540	517	23↓	4↓%
AFRICAN-AMERICAN	MALE	245	236	9↓	4↓%
AFRICAN-AMERICAN	FEMALE	276	258	18↓	7↓%
HISPANIC	MALE	101	78	23↓	23↓%
HISPANIC	FEMALE	38	40	↑2	5%
ALL/ OTHER	MALE	24	33	↑9	27%
ALL/ OTHER	FEMALE	13	22	↑9	41%
UNKNOWN		131	118	13↓	10↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	7	4			3	1			2	2	4	2
15-19	118	157		2	13	20			62	66	56	91
20-24	303	279	7	5	34	27			160	126	143	153
25-29	232	210	7	7	26	20			123	111	109	99
30-34	184	172	8	7	27	21			100	85	84	87
35-39	145	161	5	3	15	9			84	87	61	74
40-44	148	172	2	2	12	11			73	102	75	70
45-49	150	152	7	3	18	18	1	1	76	85	74	67
50-54	165	132	7	6	24	23	1	1	95	66	70	66
55-59	140	110	5	2	16	7	1	1	75	53	65	47
60-64	86	94	1		12	15			51	62	35	32
65-69	56	67	1	1	7	6			37	31	18	46
70-74	52	41			5	5			18	19	10	22
75-79	28	37				4			18	25	17	12
80-84	35	17			3	1			6	12	3	5
85-89	9	15							6	9	3	6
90+												
Unknown	160	148	2	1	5	10			61	70	62	78

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

(Residency)	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	514	60%	401	59%
Floridian	226	26%	174	26%
US	21	2%	17	2%
Foreign	1		3	
Unknown	95	11%	86	13%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	30	20	67%	20	8	40%
Bicyclists	8	8	100%	14	13	93%
All Other Vehicles	798	288	36%	628	210	33%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF TOTAL CRASHES	INJ	F A T A L		LOCATION (2009)	#	% OF TOTAL CRASHES	INJ.	F A T A L
1	US 17-92 @ AIRPORT BLVD	58	6%	4	1	1	US 17-92 @ LAKE MARY BLVD	54	5%	18	
2	US 17-92 @ LAKE MARY BLVD	57	6%	8		2	US 17-92 @ AIRPORT BLVD	54	5%	5	1
3	US 17-92 @ CR 46A	45	4%	9		3	US 17-92 @ CR 46A	42	4%	5	
4	US 17-92 @ AMERICANA BLVD	27	3%	3		4	SR 46 @ SANFORD AVE	28	3%	7	
5	US 17-92 @ SR 46	23	2%	3		5	US 17-92 @ AMERICANA BLVD	26	3%	4	1
6	US 17-92 @ 27 TH ST	21	2%	2		6	US 17-92 @ LOWES (WALMART)	22	2%	2	
7	US 17-92 @ 13 TH ST	18	2%	9		7	SR 46 @ TOWNE CENTER BLVD	19	2%	1	
8	SR 46 @ SANFORD AVE	18	2%	6		8	US 17-92 @ SR 46	17	2%	9	
9	CR 46A @ AIRPORT BLVD	16	2%	6		9	SR 46 @ RINEHART RD	16	2%		
10						10	US 17-92 @ 27 TH STREET	14	1%	6	
	(TOTALS)	283	29%	50	1		(TOTALS)	292	29%	57	2

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/ RR X'ING / BRIDGE	310
AT INTERSECTION	366
INFLUENCED BY INTERSECTION	125
DRIVEWAY ACCESS	26
ENTRANCE RAMP	1
OTHER	38
EXIT RAMP	3
RAILROAD CROSSING	1
BRIDGE	1

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	663
DARK (STREET LIGHT)	147
DARK (NO STREET LIGHT)	17
DUSK	51
DAWN	10
UNKNOWN	5

These statistics are based on crash reports received from the City of Sanford Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY CITY OF WINTER SPRINGS

	(2008)	(2009)	(+ -)	(%)
CRASHES	370	308	62↓	17↓%
DRIVERS	708	583	127↓	18↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	67	49	18↓	27↓%
PEDESTRIANS	1	3	↑2	67↑%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS			
PEDESTRIANS			

(CRASH REPORT FORMAT)	(2009)
LONG	107
SHORT	201

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	(2009)
REAR END	142
HEAD ON	4
RIGHT ANGLE	21
LEFT TURN	38
RIGHT TURN	9
SIDESWIPE	25
BACKED INTO	17
COLLISION WITH PARKED CAR	12
COLLISION WITH MV ON ROADWAY	2
COLLISION WITH PEDESTRIAN	3
COLLISION WITH BICYCLE	6
MV HIT UTILITY POLE/LIGHT POLE	11
MV HIT TREE/SHRUBBERY	14
COLLISION WITH FIXED OBJECT ABOVE ROAD	1
MV HIT OTHER FIXED OBJECT	12
MV RAN INTO DITCH/CULVERT	2
OCCUPANT FELL FROM VEHICLE	2
OTHER	252
MEDIAN CROSSOVER	3
HIT GUARDRAIL	4

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	10	7	3↓	30↓ %
02:00-04:00	10	4	6↓	60↓ %
04:00-06:00	5		5↓	
06:00-08:00	32	33	↑1	↑3%
08:00-10:00	39	42	↑3	↑7%
10:00-12:00	30	23	7↓	23↓ %
12:00-14:00	43	42	1↓	2↓%
14:00-16:00	59	37	22↓	37↓ %
16:00-18:00	68	59	9↓	13↓%
18:00-20:00	38	28	10↓	26↓ %
20:00-22:00	19	18	1↓	5↓%
22:00-24:00	15	13	↑2	↑13%
UNKNOWN	2	2	0	

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	35	32	3↓	9↓%
MONDAY	51	43	8↓	16↓%
TUESDAY	59	52	7↓	12↓%
WEDNESDAY	69	59	10↓	14↓%
THURSDAY	52	40	12↓	23↓%
FRIDAY	64	55	9↓	14↓%
SATURDAY	40	27	13↓	32↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	28	40	34	34	37	29	23	34	26	25	28	32
2009	29	27	31	25	29	19	26	23	23	28	27	21
+ -	1↓	13↓	3↓	9↓	8↓	10↓	↑3	11↓	3↓	↑3	1↓	11↓
%	3↓%	32↓%	9↓%	26↓%	22↓%	34↓%	↑12%	32↓%	12↓%	↑11%	4↓%	34↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	178
FAILED TO YIELD RIGHT OF WAY	34
IMPROPER BACKING	19
IMPROPER LANE CHANGE	7
IMPROPER TURN	10
ALCOHOL/ DRUGS -UNDER INFLUENCE	6
FOLLOWED TOO CLOSELY	5
DISREGARD TRAFFIC SIGNAL	10
EXCEEDED SAFE SPEED LIMIT	3
DISREGARDED STOP SIGN	2
FAILED TO MAINTAIN EQUIP./VEHICLE	2
IMPROPER PASSING	1
DROVE LEFT OF CENTER	3
EXCEEDED STATED SPEED LIMIT	4
OBSTRUCTING TRAFFIC	
DRIVING WRONG SIDE/WRONG WAY	1
OTHER	45

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	414	329	79↓	19↓%
BICYCLE	8	9	↑1	↑11%
BUS (OVER 15)	10	7	3↓	30↓%
HEAVY TRUCK	5	2	3↓	60↓%
MED TRUCK	4	4		
MOTORCYCLE	6	4	2↓	33↓%
UNKNOWN		20	↑20	
PASSENGER VAN	25	46	↑23	↑48%
PICKUP/LIGHT TRUCK	210	150	54↓	26↓%
TRUCK TRACTOR	1	2	↑1	↑50%
OTHER	22	5	17↓	76↓%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	301	239	62↓	21↓%
WHITE	FEMALE	239	217	↑22	↑9%
AFRICAN-AMERICAN	MALE	30	22	8↓	27↓%
AFRICAN-AMERICAN	FEMALE	26	25	↑1	↑4%
HISPANIC	MALE	25	24	↑1	↑4%
HISPANIC	FEMALE	19	7	12↓	63↓%
ALL/ OTHER	MALE	6	4	2↓	33↓%
ALL/ OTHER	FEMALE	8	4	4↓	50↓%
UNKNOWN		54	40	14↓	26↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	1	3							1	3		
15-19	84	89	8	4	9	2			48	40	36	49
20-24	121	99	6		7	5	1		68	57	53	42
25-29	66	31	2	2	5	12			44	15	22	16
30-34	44	38	3		5	5			23	20	21	18
35-39	50	39	2	1	7	5			25	19	25	20
40-44	62	57	2	2	5	4			31	32	31	25
45-49	53	56	4		4	2			30	26	23	30
50-54	43	36		1	7	5			22	23	21	13
55-59	40	40	1		5	2			22	21	18	19
60-64	39	31			7	3			17	18	22	13
65-69	15	10				2			6	3	9	7
70-74	7	6			4	1			3	4	9	2
75-79	12	5				1			4	4	1	1
80-84	5	5							8	3	1	7
85-89	9											
90+												
Unknown	53	33			1				3	2	3	1

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

Residency	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	180	76%	104	52%
Floridian	28	12%	30	15%
US	2	1%		
Foreign	1			
Unknown	27	11%	66	33%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009)	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	4	2	50%	2	2	100%
Bicyclists	7	6	86%	7	7	100%
All Other Vehicles	233	60	26%	187	89	48%

Top 10 Crash Locations

	LOCATION (2008)	#	% OF TOTAL CRASHES	INJ	F A T A L		LOCATION (2009)	#	% OF TOTAL CRASHES	INJ.	F A T A L
1	SR 434 @ TUSKAWILLA RD	28	8%	8		1	SR 434 @ TUSKAWILLA RD	30	10%	3	
2	SR 434 @ CENTRAL WINDS	15	4%	3		2	SR 434 @ SR 419	14	5%	4	
3	SR 434 @ MOSS	14	4%	4		3	SR 434 @ PARKSTONE	14	5%	3	
4	SR 434 @ TIMBERLANE TRAIL	13	4%	3		4	SR 434 @ MOSS	13	4%	3	
5	TUSKAWILLA RD @ WINTER SPRINGS BLVD	13	4%	4		5	SR 434 @ SR 417	13	4%	1	
6	SR 434 @ FOUNTAIN TREE	13	4%	3		6	SR 434 @ FOUNTAIN TREE	12	4%	1	
7	SR 434 @ PARKSTONE	13	4%	1		7	SR 434 @ CENTRAL WINDS	12	4%	1	
8	SR 434 @ SR 419	12	3%	2		8	TUSKAWILLA RD @ WINTER SPRINGS BLVD	10	3%	1	
9	TUSKAWILLA RD @ TROTWOOD BLVD	12	3%	2		9	SR 434 @ SHEOAH	7	2%		
10	SR 434 @ EDGEMON	10	3%	5		10	SR 434 @ WADE	7	2%	1	
	(TOTALS)	143	41%	35			(TOTALS)	132	43%	18	

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	105
AT INTERSECTION	147
INFLUENCED BY INTERSECTION	30
DRIVEWAY ACCESS	12
ENTRANCE RAMP	
OTHER	14
EXIT RAMP	
RAILROAD CROSSING	
BRIDGE	

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	232
DARK (STREET LIGHT)	45
DARK (NO STREET LIGHT)	7
DUSK	17
DAWN	4
UNKNOWN	1

These statistics are based on crash reports received from the City of Winter Springs Police Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY SHERIFF'S OFFICE

	(2008)	(2009)	(+ -)	(%)
CRASHES	1,411	1,463	↑52	↑4%
DRIVERS	2,712	2,794	↑82	↑3%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	29	39	↑10	↑26%
PEDESTRIANS		1	↑1	↑100%

(FATALITIES)	(2008)	(2009)	(+ -)
DRIVERS	1		1↓
PEDESTRIANS			
PASSENGERS			

(CRASH REPORT FORMAT)	(2009)
LONG	149
SHORT	1291

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

(HARMFUL EVENT)	2009
REAR END	801
HEAD ON	20
RIGHT ANGLE	97
LEFT TURN	119
RIGHT TURN	31
SIDESWIPE	173
BACKED INTO	58
COLLISION WITH PARKED CAR	21
COLLISION WITH MV ON ROADWAY	12
COLLISION WITH PEDESTRIAN	3
COLLISION WITH BICYCLE	6
MV HIT SIGN/SIGN POST	20
MV HIT UTILITY POLE/LIGHT POLE	16
MV HIT FENCE	11
MV HIT TREE/SHRUBBERY	32
COLLISION WITH FIXED OBJECT ABOVE ROAD	13
MV HIT OTHER FIXED OBJECT	28
COLLISION WITH MOVEABLE OBJECT ON ROAD	5
MV RAN INTO DITCH/CULVERT	25
OVERTURNED	5
OTHER	38
MEDIAN CROSSOVER	3
HIT GUARDRAIL	7
COLLISION WITH ANIMAL	22
HIT CONCRETE WALL	9
HIT BRIDGE	1
COLLISION WITH CONSTRUCTION BARRIER	1
FELL FROM VEHICLE	2
DOWN HILL RUNAWAY	1
CARGO LOST / SHIFT	4

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	38	30	↑8	↑21%
02:00-04:00	37	29	8↓	26↓%
04:00-06:00	7	15	↑8	↑53%
06:00-08:00	95	84	11↓	12↓%
08:00-10:00	169	157	12↓	7↓%
10:00-12:00	110	111	↑1	↑1%
12:00-14:00	167	198	↑21	↑16%
14:00-16:00	233	226	7↓	3↓%
16:00-18:00	268	274	↑6	↑2%
18:00-20:00	154	173	↑19	↑11%
20:00-22:00	67	92	↑25	↑27%
22:00-24:00	56	55	1↓	2↓%
UNKNOWN	10	18	8↓	44↓%
(TOTALS)	1,411	1,462	↑51	↑3%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	82	75	7↓	9↓%
MONDAY	220	240	↑20	↑8%
TUESDAY	239	248	↑9	↑4%
WEDNESDAY	248	282	↑34	↑12%
THURSDAY	225	242	↑17	↑7%
FRIDAY	244	249	↑6	↑2%
SATURDAY	129	126	3↓	2↓%
(TOTALS)	1,387	1,463	↑74	↑5%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	128	136	126	117	114	131	105	89	95	117	127	117
2009	141	119	146	117	134	102	102	109	145	108	126	114
+ -	↑13	17↓	↑20		↑20	29↓	3↓	↑20	↑50	9↓	↑1	3↓
%	↑9%	12↓%	↑14%		↑15%	22↓%	3↓%	↑18%	↑34%	8↓%	↑1%	3↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	849
FAILED TO YIELD RIGHT OF WAY	183
IMPROPER BACKING	70
IMPROPER LANE CHANGE	64
IMPROPER TURN	31
ALCOHOL/ DRUGS -UNDER INFLUENCE	31
FOLLOWED TOO CLOSELY	103
DISREGARD TRAFFIC SIGNAL	18
EXCEEDED SAFE SPEED LIMIT	23
DISREGARDED STOP SIGN	7
FAILED TO MAINTAIN EQUIP./VEHICLE	16
IMPROPER PASSING	12
DROVE LEFT OF CENTER	9
EXCEEDED STATED SPEED LIMIT	4
OBSTRUCTING TRAFFIC	6
DRIVING WRONG SIDE/WRONG WAY	4
FLEEING POLICE	6
OTHER	29
IMPROPER LOAD	5
DISREGARDED TRAFFIC CONTROL	1

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	1,544	1,586	↑42	↑3%
BICYCLE	6	8	↑2	↑25%
BUS (OVER 15)	6	2	4↓	67↓%
HEAVY TRUCK	1	1		
MED TRUCK	7	32	↑25	↑78%
MOTORCYCLE	19	15	4↓	21↓%
MOTORHOME	2		↑2	
PASSENGER VAN	89	156	↑67	↑43%
PICKUP/LIGHT TRUCK	983	918	75↓	7↓%
TRUCK TRACTOR	15	6	↑9	↑60%
OTHER	35	16	↑19	↑54%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	1,188	1,179	9↓	1↓%
WHITE	FEMALE	1,040	1,092	↑52	↑5%
AFRICAN-AMERICAN	MALE	138	139	↑1	↑1%
AFRICAN-AMERICAN	FEMALE	99	122	↑23	↑19%
HISPANIC	MALE	53	49	4↓	8↓%
HISPANIC	FEMALE	36	40	↑4	↑10%
ALL/ OTHER	MALE	17	31	↑14	↑45%
ALL/ OTHER	FEMALE	20	24	↑4	↑17%
UNKNOWN		118	114	4↓	3↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	3	3							1	3	2	
15-19	237	301	4		4	2			124	151	113	150
20-24	419	407	10	14	6	7	1		243	224	176	183
25-29	273	268	1	7	4	3			144	140	129	128
30-34	216	220	3	4	1	2			119	105	94	115
35-39	208	228	3	3	1	9			107	122	101	106
40-44	268	235	4	4	5	3			138	128	130	107
45-49	216	269	1	3	2	3			107	142	109	157
50-54	235	219	4	1	2	3			131	100	104	119
55-59	167	165	1	2	1	2			97	81	90	84
60-64	121	124	2	2	1	4			65	68	56	56
65-69	80	84			1				37	47	43	37
70-74	71	57	1						36	33	35	24
75-79	32	38							16	18	16	20
80-84	23	24							12	8	11	16
85-89	7	17							7	9		8
90+												
Unknown	127	135	4	3	1	2			13	22	10	15

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

Residency	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	177	61%	140	53%
Floridian	65	22%	56	21%
US	2	1%	7	3%
Foreign				
Unknown	48	16%	61	23%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	4	2	50%	5	2	40%
Bicyclists	2	2	100%	3	3	100%
All Other Vehicles	284	99	35%	254	96	38%

Top 10 Crash Locations

#	LOCATION (2008)	#	% OF TOTAL CRASHES	I N J .	F A T A L	#	LOCATION (2009)	#	% OF TOTAL CRASHES	I N J .	F A T A L
1	RED BUG @ TUSKAWILLA	26	2%			1	CR 46A @ RINEHART	27	2%		1
2	LAKE MARY @ INTERNATIONAL	23	2%	1		2	RED BUG LAKE RD @ TUSKAWILLA RD	25	2%	1	
3	SR 434 @ MCCULLOCH	19	1%			3	SR 434 @ MCCULLOCH	25	2%		
4	I-4 @ SR 46	15	1%	2		4	WEKIVA SPRINGS @ MONTGOMERY RD	19	1%		
5	SR 434 @ WEKIVA SPRINGS RD	14	1%	2		5	I-4 @ SR 434	19	1%	1	
6	SR 436 @ HUNT CLUB	14	1%			6	SR 426 @ TUSKAWILLA RD	17	1%	1	
7	I-4 @ SR 434	14	1%			7	I-4 @ SR 46	15	1%		
8	SR 46 @ MONROE	13	1%			8	SR 436 @ WEST LAKE BRANTLEY	14	1%		
9	SR 426 @ TUSKAWILLA RD	13	1%			9	SR 46 @ SR 415	13	1%		
10	SR 436 @ BEAR LAKE RD	12	1%			10	RED BUG LAKE RD @ OVIEDO MARKETPLACE	13	1%	1	
	(TOTALS)	163	12%	5			(TOTALS)	187	13%	4	1

Injuries listed in the above table are driver / pedestrian.

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	463
AT INTERSECTION	599
INFLUENCED BY INTERSECTION	189
DRIVEWAY ACCESS	81
ENTRANCE RAMP	45
OTHER	22
EXIT RAMP	20
RAILROAD CROSSING	2
BRIDGE	2

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	1,097
DARK (STREET LIGHT)	228
DARK (NO STREET LIGHT)	69
DUSK	41
DAWN	11
UNKNOWN	5

These statistics are based on crash reports received from the Sheriff's Office Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

SEMINOLE COUNTY TRAFFIC ENGINEERING 2009 CRASH SUMMARY FLORIDA HIGHWAY PATROL

	(2008)	(2009)	(+ -)	(%)
CRASHES	2,237	1,965	272↓	12↓%
DRIVERS	4,260	3,777	202↓	11↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	723	920	↑197	↑21%
PEDESTRIANS	19	18	↑1	↑5%

(FATALITIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	16	10	↓6	↓37%
PEDESTRIANS	2	2		
PASSENGERS	14	3	↓11	↓79%

(CRASH REPORT FORMAT)	(2009)
LONG	1,182
SHORT	870

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

HARMFUL EVENT	(2009)
REAR END	1,043
HEAD ON	33
RIGHT ANGLE	286
LEFT TURN	161
RIGHT TURN	29
SIDESWIPE	215
BACKED INTO	25
COLLISION WITH PARKED CAR	51
COLLISION WITH MV ON ROADWAY	6
COLLISION WITH PEDESTRIAN	17
COLLISION WITH BICYCLE	30
MV HIT SIGN/SIGN POST	34
MV HIT UTILITY POLE/LIGHT POLE	39
MV HIT FENCE	16
MV HIT TREE/SHRUBBERY	81
COLLISION WITH FIXED OBJECT ABOVE ROAD	17
MV HIT OTHER FIXED OBJECT	43
COLLISION WITH MOVEABLE OBJECT ON ROAD	28
MV RAN INTO DITCH/CULVERT	30
OVERTURNED	58
OTHER	99
MEDIAN CROSSOVER	3
HIT GUARDRAIL	89
COLLISION WITH ANIMAL	13
HIT CONCRETE BARRIER WALL	22
HIT BRIDGE / ABUTMENT / RAIL	5
OCCUPANT FELL FROM VEHICLE	6
CARGO LOSS OR SHIFTED	12

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	115	71	44↓	38↓%
02:00-04:00	90	79	11↓	12↓%
04:00-06:00	56	38	18↓	32↓%
06:00-08:00	216	177	↑39	↑18%
08:00-10:00	217	218	↑1	
10:00-12:00	169	165	4↓	2↓%
12:00-14:00	209	197	12↓	6↓%
14:00-16:00	265	235	30↓	11↓%
16:00-18:00	352	282	70↓	20↓%
18:00-20:00	243	235	12↓	3↓%
20:00-22:00	172	183	↑11	↑6%
22:00-24:00	130	85	45↓	35↓%
UNKNOWN				

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	261	227	34↓	12↓%
MONDAY	302	304	↑2	
TUESDAY	297	284	13↓	4↓%
WEDNESDAY	345	278	67↓	19↓%
THURSDAY	326	292	34↓	10↓%
FRIDAY	371	303	68↓	18↓%
SATURDAY	334	277	57↓	16↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	199	198	226	175	195	194	161	188	136	187	141	168
2009	168	156	201	104	176	166	169	168	178	171	161	147
+ -	31↓	42↓	↑25	71↓	21↓	28↓	↑8	↑20	↑42	16↓	↑20	21↓
%	16↓%	21↓%	↑11%	41↓%	10↓%	14↓%	↑5%	↑11%	↑24%	9↓%	↑12%	12↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	1,140
FAILED TO YIELD RIGHT OF WAY	199
IMPROPER BACKING	33
IMPROPER LANE CHANGE	165
IMPROPER TURN	55
ALCOHOL/ DRUGS -UNDER INFLUENCE	40
FOLLOWED TOO CLOSELY	38
DISREGARD TRAFFIC SIGNAL	69
EXCEEDED SAFE SPEED LIMIT	59
DISREGARDED STOP SIGN	17
FAILED TO MAINTAIN EQUIP./VEHICLE	22
IMPROPER PASSING	13
DROVE LEFT OF CENTER	12
EXCEEDED STATED SPEED LIMIT	15
OBSTRUCTING TRAFFIC	5
DRIVING WRONG SIDE/WRONG WAY	13
FLEEING POLICE	8
OTHER	143
IMPROPER LOAD	14
DISREGARDED TRAFFIC CONTROL	4

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	2,541	2,261	280↓	11↓%
BICYCLE	27	40	↑13	↑32%
BUS (9-15)	2	3	↑1	↑33%
BUS (OVER 15)	25	11	14↓	56↓%
HEAVY TRUCK	34	26	8↓	24↓%
MED TRUCK	30	32	↑2	↑6%
MOTORCYCLE	83	91	↑8	↑9%
MOTORHOME	3	3		
PASSENGER VAN	197	217	↑20	↑9%
PICKUP/LIGHT TRUCK	1,197	980	217↓	18↓%
TRUCK TRACTOR	38	37	↑1	↑3%
MOPED	4	2	2↓	50↓%
OTHER	78	24	54↓	69↓%
UNKNOWN		40		

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	1,639	1,499	240↓	9↓%
WHITE	FEMALE	1,244	1,051	193↓	16↓%
AFRICAN-AMERICAN	MALE	249	242	7↓	3↓%
AFRICAN-AMERICAN	FEMALE	211	158	53↓	25↓%
HISPANIC	MALE	296	294	↑2	↑1%
HISPANIC	FEMALE	208	173	35↓	17↓%
ALL/ OTHER	MALE	56	65	↑9	↑14%
ALL/ OTHER	FEMALE	60	51	9↓	15↓%
UNKNOWN		291	232	59↓	20↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	11	5		1		2			11	3		2
15-19	278	354	4	9	8	77			165	218	113	136
20-24	639	538	42	31	50	157	3	1	349	295	290	243
25-29	478	423	34	28	137	111		2	261	234	217	189
30-34	390	338	25	11	76	83			219	188	171	150
35-39	370	318	14	16	58	78			207	183	163	135
40-44	400	293	15	10	70	87	2		212	186	188	107
45-49	365	337	12	17	77	88	1	2	212	204	153	133
50-54	324	260	16	12	66	71	2	4	185	154	139	106
55-59	238	237	7	8	54	68	3	1	151	148	87	89
60-64	186	160	2	5	48	40		1	110	88	76	72
65-69	109	63		1	41	15	1		63	50	46	13
70-74	65	68	3	4	11	21	2		33	48	32	20
75-79	57	58		2	11	15			29	38	28	20
80-84	24	37	1		15	8		1	15	22	9	15
85-89	18	17			6	7			11	10	7	7
90+					8							
Unknown	287	266	1	2		6	1		15	40	4	16

The alcohol numbers below include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

Residency	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	1,235	55%	1,229	54%
Floridian	673	30%	718	32%
US	60	3%	66	3%
Foreign	4		6	
Unknown	259	12%	248	11%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	71	26	37%	80	43	54%
Bicyclists	23	17	74%	33	26	79%
All Other Vehicles	2,231	392	18%	2,120	323	15%

Top 10 Crash Locations

	LOCATION (2008)	#	INJ.	F A T A L		LOCATION (2009)	#	INJ.	F A T A L
1	I-4 THRU LANES @ SR 434	103	34	1	1	I-4 @ SR 436	114	46	1
2	I-4 @ LAKE MARY BLVD	87	35	1	2	I-4 @ LAKE MARY BLVD	81	31	
3	I-4 @ SR 436	80	24		3	I-4 @ SR 434	72	19	1
4	RED BUG LAKE @ TUSKAWILLA RD	38	7		4	I-4 @ SR 46	48	20	
5	SR 426 @ TUSKAWILLA	30	7		5	RED BUG LAKE @ TUSKAWILLA RD	42	20	
6	SR 417 @ SR 426	30	10		6	SR 426 @ SR 417	26	9	
7	I-4 @ SR 46	30	3		7	SR 426 @ TUSKAWILLA RD	25	10	
8	I-4 @ US 17-92	29	1	1	8	SR 434 @ WEKIVA SPRINGS RD	21	4	
9	SR 434 @ MARKHAM WOODS RD	27	8		9	SR 426 @ HOWELL BRANCH RD	19	13	
10	SR 436 @ HUNT CLUB	23	10		10	SR 436 @ HUNT CLUB BLVD	18	7	
	(TOTALS)	477	139	3		(TOTALS)	466	179	2

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	1,095
AT INTERSECTION	448
INFLUENCED BY INTERSECTION	196
DRIVEWAY ACCESS	78
ENTRANCE RAMP	49
OTHER	15
EXIT RAMP	46
RAILROAD CROSSING	3
BRIDGE	24

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	1,320
DARK (STREET LIGHT)	329
DARK (NO STREET LIGHT)	236
DUSK	30
DAWN	43
UNKNOWN	2

These statistics are based on crash reports received from the Florida Highway Patrol Department, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

**SEMINOLE COUNTY TRAFFIC ENGINEERING
2009 CRASH SUMMARY
UNINCORPORATED SEMINOLE COUNTY**

	(2008)	(2009)	(+ -)	(%)
CRASHES	3,648	3,428	220↓	6↓%
DRIVERS	6,972	6,571	401↓	6↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	752	959	↑207	↑22%
PEDESTRIANS	19	19		

(FATALITIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	17	10	7↓	41↓%
PEDESTRIANS	2	2		
PASSENGERS	14	3	11↓	79↓%

CRASH REPORT FORMAT	(2009)
LONG	1,291
SHORT	2,137

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

HARMFUL EVENT	(2009)
REAR END	1,844
HEAD ON	53
RIGHT ANGLE	383
LEFT TURN	280
RIGHT TURN	60
SIDESWIPE	388
BACKED INTO	83
COLLISION WITH PARKED CAR	72
COLLISION WITH MV ON ROADWAY	18
COLLISION WITH PEDESTRIAN	20
COLLISION WITH BICYCLE	36
MV HIT SIGN/SIGN POST	54
MV HIT UTILITY POLE/LIGHT POLE	55
MV HIT FENCE	27
MV HIT TREE/SHRUBBERY	113
COLLISION WITH FIXED OBJECT ABOVE ROAD	30
MV HIT OTHER FIXED OBJECT	71
COLLISION WITH MOVEABLE OBJECT ON ROAD	33
MV RAN INTO DITCH/CULVERT	55
OVERTURNED	63
OTHER	137
MEDIAN CROSSOVER	6
HIT GUARDRAIL	96
COLLISION WITH ANIMAL	35
HIT CONCRETE BARRIER WALL	31
HIT BRIDGE / ABUTMENT / RAIL	6
OCCUPANT FELL FROM VEHICLE	8
CARGO LOSS OR SHIFTED	16

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	153	101	52↓	34↓%
02:00-04:00	127	108	19↓	15↓%
04:00-06:00	63	53	10↓	16↓%
06:00-08:00	311	261	50↓	16↓%
08:00-10:00	386	375	11↓	3↓%
10:00-12:00	279	276	3↓	1↓%
12:00-14:00	376	407	↑31	↑8%
14:00-16:00	498	461	37↓	7↓%
16:00-18:00	620	556	64↓	10↓%
18:00-20:00	397	408	↑11	↑3%
20:00-22:00	239	275	↑36	↑13%
22:00-24:00	186	103	83↓	45↓%
UNKNOWN	10	18	↑8	↑44%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	343	302	41↓	12↓%
MONDAY	522	544	↑22	↑4%
TUESDAY	536	532	4↓	1↓%
WEDNESDAY	593	560	33↓	6↓%
THURSDAY	551	534	17↓	3↓%
FRIDAY	615	552	63↓	10↓%
SATURDAY	463	403	60↓	13↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	327	334	352	292	309	325	266	277	231	304	268	285
2009	309	275	347	221	310	268	271	277	323	279	287	261
+ -	18↓	59↓	25↓	71↓	1↑	57↓	5↑		↑92	25↓	↑19	↓24
%	6↓%	18↓%	1↓%	24↓%		18↓%	↑2%		↑28%	8↓%	↑7%	8↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	1,989
FAILED TO YIELD RIGHT OF WAY	382
IMPROPER BACKING	103
IMPROPER LANE CHANGE	229
IMPROPER TURN	86
ALCOHOL/ DRUGS -UNDER INFLUENCE	71
FOLLOWED TOO CLOSELY	141
DISREGARD TRAFFIC SIGNAL	87
EXCEEDED SAFE SPEED LIMIT	82
DISREGARDED STOP SIGN	24
FAILED TO MAINTAIN EQUIP./VEHICLE	38
IMPROPER PASSING	25
DROVE LEFT OF CENTER	21
EXCEEDED STATED SPEED LIMIT	19
OBSTRUCTING TRAFFIC	11
DRIVING WRONG SIDE/WRONG WAY	17
FLEEING POLICE	14
OTHER	172
IMPROPER LOAD	19
DISREGARDED TRAFFIC CONTROL	5

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	(+ -)	(%)
AUTOMOBILE	4,085	3,847	238↓	6↓%
BICYCLE	33	48	↑15	↑31%
BUS (9-15)	2	3	↑1	↑33%
BUS (OVER 15)	31	13	18↓	58↓%
HEAVY TRUCK	35	27	8↓	23↓%
MED TRUCK	37	64	↑27	↑42%
MOTORCYCLE	102	106	↑4	↑9%
MOTORHOME	5	3		
PASSENGER VAN	286	373	↑87	↑23%
PICKUP/LIGHT TRUCK	2,180	1,898	282↓	13↓%
TRUCK TRACTOR	53	43	10↓	19↓%
MOPED	4	2	2↓	50↓%
OTHER / UNKNOWN	113	90	23↓	20↓%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	2,827	2,678	149↓	5↓%
WHITE	FEMALE	2,284	2,143	141↓	6↓%
AFRICAN-AMERICAN	MALE	387	381	6↓	2↓%
AFRICAN-AMERICAN	FEMALE	310	280	10↓	10↓%
HISPANIC	MALE	349	343	6↓	2↓%
HISPANIC	FEMALE	244	213	29↓	13↓%
ALL/ OTHER	MALE	73	96	↑23	↑24%
ALL/ OTHER	FEMALE	80	75	5↓	6↓%
UNKNOWN		409	346	63↓	15↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATA 2008	FATA 2009	M 2008	M 2009	F 2008	F 2009
0-14	14	8		1	15	16			38	21	23	10
15-19	515	655	8	9	105	223			806	1,049	692	904
20-24	1,058	945	52	45	303	426	4	1	1,776	1,579	1,496	1,423
25-29	751	691	35	35	319	309		2	1,335	1,187	1,181	1,062
30-34	606	558	28	15	200	232			1,066	964	902	838
35-39	578	546	17	19	179	221			1,009	956	867	830
40-44	668	528	19	14	214	226	2		1,081	1,009	939	765
45-49	581	606	13	20	217	252	1	2	1,052	1,025	892	864
50-54	559	479	20	13	196	208	2	4	964	811	785	725
55-59	405	402	8	10	156	191	3	1	736	703	564	580
60-64	307	284	4	7	128	123		1	532	485	457	401
65-69	189	147		1	71	62	1		350	314	323	218
70-74	136	125	4	4	38	54	2		237	227	225	158
75-79	89	96		2	33	41			164	185	148	120
80-84	47	61	1		34	20		1	105	107	81	83
85-89	25	34			11	17			77	74	51	55
90+					8							
Unknown	414	401	5	5	15	33	1		110	179	53	92

The alcohol numbers below include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Driver age and sex may not match total number of drivers due to this information not provided in the crash report.

Residency of Drivers and Pedestrians (Long Form Crashes Only)

Residency	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	1,421	56%	1,369	54%
Floridian	738	29%	774	31%
US	62	2%	73	3%
Foreign	4		6	
Unknown	307	12%	309	12%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	75	28	37%	85	45	53%
Bicyclists	25	19	76%	36	29	81%
All Other Vehicles	2,394	491	21%	2,374	419	18%

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	1,558
AT INTERSECTION	1,047
INFLUENCED BY INTERSECTION	385
DRIVEWAY ACCESS	159
ENTRANCE RAMP	94
OTHER	37
EXIT RAMP	66
RAILROAD CROSSING	5
BRIDGE	26

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	2,417
DARK (STREET LIGHT)	617
DARK (NO STREET LIGHT)	305
DUSK	71
DAWN	54
UNKNOWN	7

These statistics are based on crash reports received from the Florida Highway Patrol Department and the Seminole County Sheriff's Office, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

**SEMINOLE COUNTY TRAFFIC ENGINEERING
2009 CRASH SUMMARY
ALL LAW ENFORCEMENT AGENCIES**

	(2008)	(2009)	(+ -)	(%)
CRASHES	9,188	8,623	565↓	6↓%
DRIVERS	18,079	17,159	920↓	5↓%

(INJURIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	1,463	1,671	↑208	↑12%
PEDESTRIANS	56	51	5↓	9↓%

(FATALITIES)	(2008)	(2009)	(+ -)	(%)
DRIVERS	23	17	6↓	26↓%
PEDESTRIANS	6	4	2↓	29↓%
PASSENGERS	16	4	12↓	75↓%

(CRASH REPORT FORMAT)	(2009)
LONG	2,698
SHORT	5,925

ONLY THE FIRST HARMFUL EVENT WAS USED FOR REPORT

HARMFUL EVENT	2009
REAR END	4,983
HEAD ON	120
RIGHT ANGLE	953
LEFT TURN	753
RIGHT TURN	227
SIDESWIPE	926
BACKED INTO	201
COLLISION WITH PARKED CAR	156
COLLISION WITH MV ON ROADWAY	90
COLLISION WITH PEDESTRIAN	68
COLLISION WITH BICYCLE	98
MV HIT SIGN/SIGN POST	119
MV HIT UTILITY POLE/LIGHT POLE	17
MV HIT FENCE	43
MV HIT TREE/SHRUBBERY	173
COLLISION WITH FIXED OBJECT ABOVE ROAD	59
MV HIT OTHER FIXED OBJECT	141
COLLISION WITH MOVEABLE OBJECT ON ROAD	43
MV RAN INTO DITCH/CULVERT	66
OVERTURNED	86
OTHER	297
MEDIAN CROSSOVER	19
HIT GUARDRAIL	110
COLLISION WITH ANIMAL	37
HIT CONCRETE BARRIER WALL	45
HIT BRIDGE / ABUTMENT / RAIL	6
OCCUPANT FELL FROM VEHICLE	17
CARGO LOSS OR SHIFTED	19
SEPARATION OF UNITS	2

Time of Day Summary

(TIME OF DAY)	(2008)	(2009)	(+-)	(%)
00:00-02:00	287	220	67↓	23↓%
02:00-04:00	235	188	47↓	20↓%
04:00-06:00	127	102	25↓	20↓%
06:00-08:00	633	562	71↓	11↓%
08:00-10:00	945	910	35↓	4↓%
10:00-12:00	804	746	58↓	7↓%
12:00-14:00	1,151	1,139	12↓	1↓%
14:00-16:00	1,340	1,271	69↓	5↓%
16:00-18:00	1,588	1,500	88↓	6↓%
18:00-20:00	1,054	1,027	27↓	3↓%
20:00-22:00	567	585	↑18	↑3%
22:00-24:00	424	341	83↓	20↓%
UNKNOWN	33	32	1↓	↑3%

Day of the Week Summary

(DAY OF THE WEEK)	(2008)	(2009)	(+ -)	(%)
SUNDAY	799	704	95↓	12↓%
MONDAY	1,422	1,335	87↓	6↓%
TUESDAY	1,397	1,348	49↓	4↓%
WEDNESDAY	1,480	1,437	43↓	3↓%
THURSDAY	1,413	1,322	91↓	6↓%
FRIDAY	1,539	1,484	55↓	4↓%
SATURDAY	1,138	993	145↓	13↓%

Month of the Year Summary

AGENCY	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
2008	801	840	851	769	859	739	746	695	663	771	695	759
2009	767	701	817	633	751	697	685	714	690	702	737	729
+ -	34↓	139↓	34↓	136↓	108↓	42↓	61↓	↑19	↑33	69↓	↑42	30↓
%	4↓%	17↓%	4↓%	18↓%	13↓%	6↓%	8↓%	↑3%	↑4%	9↓%	↑6%	4↓%

DRIVER / PEDESTRIAN CONTRIBUTING CAUSES

A CRASH COULD HAVE MULTIPLE CAUSES

(CAUSE OF CRASH)	(2009)
CARELESS DRIVING	5,409
FAILED TO YIELD RIGHT OF WAY	1,044
IMPROPER BACKING	228
IMPROPER LANE CHANGE	529
IMPROPER TURN	236
ALCOHOL/ DRUGS -UNDER INFLUENCE	173
FOLLOWED TOO CLOSELY	381
DISREGARD TRAFFIC SIGNAL	214
EXCEEDED SAFE SPEED LIMIT	114
DISREGARDED STOP SIGN	48
FAILED TO MAINTAIN EQUIP./VEHICLE	65
IMPROPER PASSING	41
DROVE LEFT OF CENTER	41
EXCEEDED STATED SPEED LIMIT	
OBSTRUCTING TRAFFIC	22
DRIVING WRONG SIDE/WRONG WAY	34
FLEEING POLICE	26
OTHER	490
IMPROPER LOAD	23
DISREGARDED TRAFFIC CONTROL	25

The alcohol numbers above include drivers that had been drinking, were intoxicated, using drugs and pending alcohol / drug results.

Vehicle Types

(VEHICLE TYPE)	(2008)	(2009)	+ -	%
AUTOMOBILE	10,832	10,405	427↓	4↓%
BICYCLE	95	136	↑41	↑30%
BUS (9-15)	11	11		
BUS (OVER 15)	84	53	31↓	37↓%
HEAVY TRUCK	106	84	22↓	21↓%
MED TRUCK	67	132	↑65	↑49%
MOTORCYCLE	230	215	15↓	7↓%
MOTORHOME	9	7	2↓	22↓%
PASSENGER VAN	732	1,004	↑272	↑27%
PICKUP/LIGHT TRUCK	5,440	4,690	750↓	14↓%
TRUCK TRACTOR	63	69	↑6	↑9%
MOPED	11	7	4↓	↑36%
OTHER / UNKNOWN	374	320	54↓	14↓%

Gender and Race

(RACE)	(GENDER)	(2008) DRIVERS PED	(2009) DRIVERS PED	(+ -)	(%)
WHITE	MALE	7,191	6,775	416↓	6↓%
WHITE	FEMALE	6,220	5,943	277↓	4↓%
AFRICAN-AMERICAN	MALE	1,118	1,039	79↓	7↓%
AFRICAN-AMERICAN	FEMALE	1,023	1,010	13↓	1↓%
HISPANIC	MALE	739	726	13↓	2↓%
HISPANIC	FEMALE	471	436	35↓	7↓%
ALL/ OTHER	MALE	177	208	↑31	↑15%
ALL/ OTHER	FEMALE	182	193	↑11	↑6%
UNKNOWN		932	801	131↓	14↓%

Crashes by Date of Birth, and Gender

(AGE)	DRIVER PEDS 2008	DRIVER PEDS 2009	ALC. 2008	ALC. 2009	INJ. 2008	INJ. 2009	FATAL 2008	FATAL 2009	M 2008	M 2009	F 2008	F 2009
0-14	50	26		1	15	14		1	27	18	23	8
15-19	1,220	1,599	7	26	97	146			641	831	579	768
20-24	2,633	2,482	99	78	253	269	4	1	1,427	1,302	1206	1180
25-29	2,038	1,826	92	60	182	198	2	3	1,074	953	964	873
30-34	1,578	1,464	51	47	124	149		2	847	776	731	688
35-39	1,506	1,470	39	37	121	143	1		802	775	704	695
40-44	1,619	1,481	40	32	144	139	3		869	823	751	658
45-49	1,579	1,552	35	44	140	164	2	3	840	821	739	731
50-54	1,425	1,276	37	37	130	137	3	5	779	657	646	619
55-59	1,062	1,046	25	15	102	123	5	2	585	555	477	491
60-64	803	723	6	8	80	83		1	422	397	381	329
65-69	514	469	4	3	30	47	1	2	287	264	277	205
70-74	397	317	3	5	27	33	3	1	204	179	193	138
75-79	255	247	1	3	22	26		1	135	147	120	100
80-84	162	153	1		19	12			90	85	72	68
85-89	110	112			5	10	1		66	64	44	48
90+												
Unknown	1,006	913	10	8	15	27	1		95	139	49	76

**The average age of a driver involved in a crash in Seminole County
was 39 years old.**

**The alcohol numbers above include drivers that had been drinking, were
intoxicated, using drugs and pending alcohol / drug results.**

Residency of Drivers and Pedestrians (Long Form Crashes Only)

Residency	(2008)	% of Total Drivers	(2009)	% of Total Drivers
County	3,178	58%	2,997	56%
Floridian	1,534	28%	1,461	28%
US	128	2%	133	3%
Foreign	11		11	
Unknown	671	12%	710	13%

Seatbelt and Helmet Usage (Long Form Crashes Only)

Vehicle Type	(2008) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers	(2009) Drivers	No Safety Equipment (Helmet / Seatbelt) in Use	% Of Total Drivers
Motorcycle	158	73	46%	150	78	52%
Bicyclists	67	55	82%	96	82	85%
All Other Vehicles	5,385	1,298	24%	4,981	1,134	23%

Top 15 Crash Locations

	LOCATION (2008)	#	INJ.	FATAL		LOCATION (2009)	#	INJ.	FATAL
1	I-4 THRU LANES @ SR 434	125	41	1	1	I-4 @ SR 436	161	54	1
2	SR 436 @ HOWELL BRANCH RD	115	14		2	I-4 @ SR 434	99	21	1
3	I-4 THRU LANES @ SR 436	106	25		3	SR 436 @ SR 434	97	7	1
4	I-4 THRU LANES @ LAKE MARY BLVD	102	37	1	4	I-4 @ LAKE MARY BLVD	94	32	
5	SR 436 @ SR 434	96	3		5	US 17-92 @ SR 436	92	13	
6	WYMORE RD @ DOUGLAS	83	3		6	SR 436 @ HOWELL BRANCH	89	11	
7	S436 @ I-4	81	8		7	SR 436 @ DOUGLAS AVE	76	9	
8	US 17-92 @ SR 436	73	13		8	SR 436 @ I-4	75	8	
9	LAKE MARY BLVD @ LAKE EMMA RD	72	8		9	US 17-92 @ SR 434	72	13	
10	SR 436 @ NORTHLAKE BLVD	67	2		10	RED BUG LAKE @ TUSKAWILLA RD	67	21	
11	RED BUG LAKE @ TUSKAWILLA RD	64	7		11	LAKE MARY BLVD @ LAKE EMMA RD	65	7	
12	US 17-92 @ AIRPORT BLVD	61	5	1	12	I-4 @ SR 46	65	20	
13	US 17-92 @ SR 434	61	9		13	SR 434 @ MITCHELL HAMMOCK	60	8	
14	SR 434 @ CR 427	60	6		14	CR 46A @ RINEHART RD	59	11	
15	US 17-92 @ LAKE MARY BLVD	58	8		15	SR 436 @ NORTHLAKE	58	5	
	(TOTALS)	1,224	189	3		(TOTALS)	1,229	240	2

Site Location

(SITE LOCATION)	(2009)
NOT AT INTERSECTION/RR X'ING / BRIDGE	3,789
AT INTERSECTION	2,887
INFLUENCED BY INTERSECTION	1,149
DRIVEWAY ACCESS	283
ENTRANCE RAMP	91
OTHER	139
EXIT RAMP	91
RAILROAD CROSSING	23
BRIDGE	32

Lighting Conditions

(LIGHTING CONDITION)	(2009)
DAYLIGHT	6,309
DARK (STREET LIGHT)	1,463
DARK (NO STREET LIGHT)	387
DUSK	286
DAWN	104
UNKNOWN	74

These statistics are based on crash reports received from the all law enforcement agencies in Seminole County, and may include data entry errors and errors made in the field by police officers. These summaries are to be used as a guide tool and are not to be used exclusively when determining enforcement and safety issues.

Crash Rates for Seminole County Crashes by Age Groups

(AGE GROUPS)	LICENSED DRIVERS (2009)	DRIVERS IN ALL CRASHES	RATE PER 10,000 LICENSED DRIVERS
UNDER 15		14	
15	2,349	13	0.01
16	3,972	129	0.03
17	4,753	351	0.07
18	5,592	501	0.09
19	6,071	587	0.10
20	6,365	562	0.09
21	6,465	505	0.08
<u>15 - 21</u>	<u>35,567</u>	<u>2,648</u>	<u>0.07</u>
22 - 30	58,743	3,507	0.06
31 - 40	62,701	2,920	0.05
41 - 50	71,497	2,986	0.04
51 - 60	58,262	2,206	0.04
61 - 70	34,590	1,110	0.03
71 - 80	17,089	516	0.03
81 - 90	7,296	201	0.03
91 +	598	24	0.04
UNKNOWN		912	
(TOTALS)	346,343	17,044	0.05 (AVERAGE)

Drivers aged 15 - 19 had a combined rate of 0.07 and drivers aged 19 had the highest crash rate based on the above data. Licensed driver numbers were gathered from the Florida Division of Highway Safety Motor Vehicles (DHSMV) 2009 statistics.

The above data doesn't include pedestrians.

5 Year Crash History for all of Seminole County

(AGENCY)	(2005)	(2006)	(2007)	(2008)	(2009)	(TOTAL)
ALTAMONTE SPRINGS	1,931	1,798	1,653	1,561	1,454	8,397
CASSELBERRY	1,014	949	907	907	873	4,650
LAKE MARY	418	428	401	388	402	2,037
LONGWOOD	841	835	834	657	633	3,800
OVIEDO	550	617	574	575	515	2,831
SANFORD	1,321	1,320	1,369	1,029	988	6,027
WINTER SPRINGS	408	444	384	370	308	1,914
SHERIFF'S OFFICE	1,211	1,293	1,379	1,411	1,463	6,757
FLORIDA HIGHWAY PATROL	2,396	2,521	2,609	2,237	1,987	11,750
ALL AGENCIES	10,090	10,205	10,100	9,135	8,623	48,163

Crash Rates based on Population

	(AGENCY)	NUMBER OF CRASHES	(2009 EST.) POPULATION	CRASHES PER 1,000 POPULATION
1	LONGWOOD	633	13508	46.86
2	CASSELBERRY	873	22,586	38.65
3	ALTAMONTE SPRINGS	1,454	42,106	34.53
4	LAKE MARY	402	13,156	30.56
5	SANFORD	988	44,015	22.45
6	OVIEDO	515	31,448	16.38
7	WINTER SPRINGS	308	34,444	08.94
	SEMINOLE COUNTY	8,623	414,064	20.83

Countywide Daily Crash Rates

(AGENCY)	# OF CRASHES	# OF DAYS	DAILY CRASH AVERAGE
UNINCORPORATED SEMINOLE	3,428	365	9.39
FLORIDA HIGHWAY PATROL	1,965	365	5.38
SHERIFF'S OFFICE	1,463	365	4.01
ALTAMONTE SPRINGS	1,454	365	3.98
SANFORD	988	365	2.71
CASSELBERRY	873	365	2.39
LONGWOOD	633	365	1.73
OVIEDO	515	365	1.41
LAKE MARY	402	365	1.10
WINTER SPRINGS	308	365	0.84
ALL AGENCIES COMBINED	8,623	365	23.62

Countywide Roadway Mileage Crash Rates

Roadway miles data from

	(AGENCY)	# OF CRASHES	# OF ROADWAY MILES	CRASH RATE PER 1 MILLION MILES
1	ALTAMONTE SPRINGS	1,454	95.77	15.18
2	CASSELBERRY	873	79.88	10.93
3	LONGWOOD	633	68.80	9.20
4	LAKE MARY	402	80.38	5.00
5	ALL AGENCIES COMBINED	8,623	1,730.50	4.98
6	SANFORD	988	230.47	4.29
7	UNINCORPORATED SEMINOLE COUNTY	3,428	920.61	3.72
8	OVIEDO	515	143.55	3.59
9	WINTER SPRINGS	308	111.04	2.77

maintained county roads data, private roads not included. 5 Year Fatality Summary Bicyclists and Pedestrians

	2005			2006			2007			2008			2009		
	BIKE	T	PED	BIKE	T	PED	BIKE	T	PED	BIKE	T	PED	BIKE	T	PED
ALTAMONTE SPRINGS			2						2						1
CASSELBERRY			1				1		1	1					
LAKE MARY												1			
LONGWOOD	1														
OVIEDO															
SANFORD			2	1		2			1	1		1			1
WINTER SPRINGS	1		1												
SHERIFF'S OFFICE						1									
FHP	1		4			2	1		2	1		4			3
(ALL AGENCIES)	3	13	10	1	6	5	2	8	6	3	9	6	0	5	5

5 Year Fatality Summary Motorcyclists

	2005			2006			2007			2008			2009		
	MC			MC			MC			MC			MC		
ALTAMONTE SPRINGS				2						1					
CASSELBERRY	2									1				2	
LAKE MARY															
LONGWOOD														1	
OVIEDO				1			1								
SANFORD	3			1			4			1				2	
WINTER SPRINGS															
SHERIFF'S OFFICE															
FHP	3			4			5			4				4	
(ALL AGENCIES)	8			8			10			7				9	