



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for January 2013. This Report contains the numerical data and counts that were derived from the SunGuide System events created by the operations staff.

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Please note that all times in this report are HH:MM format except where specifically noted.



Definitions

- RISC - RISC is an acronym for "Rapid Incident Scene Clearance". This is an innovative program developed by FDOT that helps the incident response community to meet the Florida's Open Roads Policy goal of safely clearing major highway incidents and truck crashes in 90 minutes or less. It is an incentive-based towing service program that requires specialized equipment and trained operators to quickly remove wreckage from the roadway.
- ESS - ESS is an acronym for "Emergency Stopping Site". ESS are improved areas located on the state right-of-way near the freeway mainline that are used by motorists, Road Rangers, law enforcement, fire rescue, and other public service vehicles as a safe location to temporarily relocate from the interstate.
- SBCS - The Safety Barrier Cable System is a continuous string of instrumented cables along the right-of-way fence on Alligator Alley on I-75. If a vehicle runs off the roadway and hits the cable, an alert is sent to the RTMC which allows for quick response to that incident.
- Incident - An incident is an unplanned traffic occurrence that blocks lanes of travel, causes an abnormal traffic disturbance, or requires DMS activation. Examples of incidents include crashes, abnormal delays, emergency road work, road closures, flooding, police activity, child abduction alerts, etc.
*** Please note that pre-planned road work and normal rush hour delays are not considered incidents.*
- Event - An event is any roadway activity that is recorded by the SWIFT SunGuide Center including lane blocking incidents, congestion, scheduled construction, emergency road work, shoulder lane closures, disabled vehicles, abandoned vehicles, etc.
- Emergency Road Work - This is an event type that describes situations where non-scheduled road work is necessary or whenever normally scheduled road work remains active past 6 AM or 4 PM on weekdays (into the potential rush hour time frame).
- Road Ranger Events - Number of events in which a Road Ranger was dispatched and/or arrived on scene.
- Road Ranger Assists - Number of activities performed by the Road Rangers when on the scene of an event.

Incident Levels:

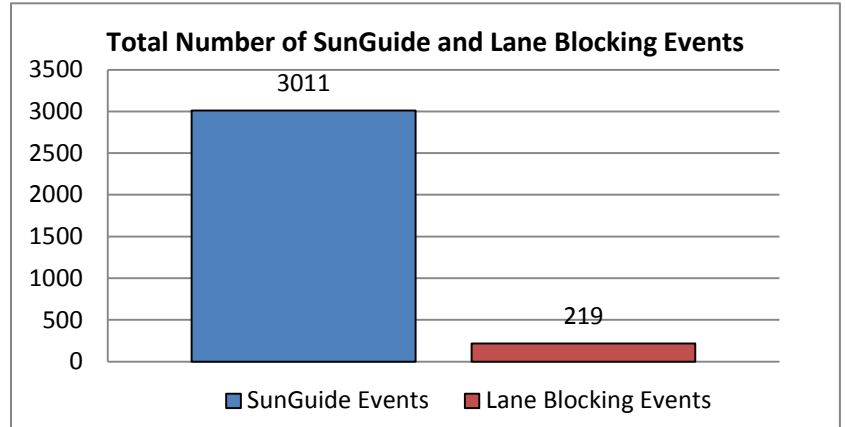
- Level 1* - Incidents of any duration that do not close travel lanes (shoulder incidents, delays, event delays, etc.) or the "Start Time" to "Clear Time" duration of a lane closing (not road closing) incident is estimated to be < 30 minutes.
- Level 2* - The "Start Time" to "Clear Time" duration of a lane closing incident is estimated to be 30 minutes or greater but less than 2 hours. This does not include a full closure of the roadway.
- Level 3* - The "Start Time" to "Clear Time" duration of a lane closing incident is estimated to be 2 hours or greater or all travel lanes are blocked on any roadway or ramp. Significant area-wide congestion is expected (but not necessary).

Please note that all times in this report are in HH:MM format except where specifically noted.



1. Total Number of SunGuide Events:
3011

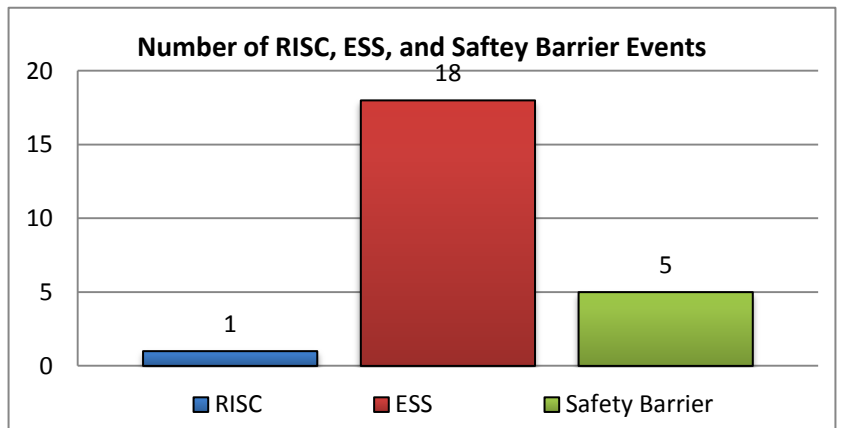
2. Number of Lane Blocking Events:
219



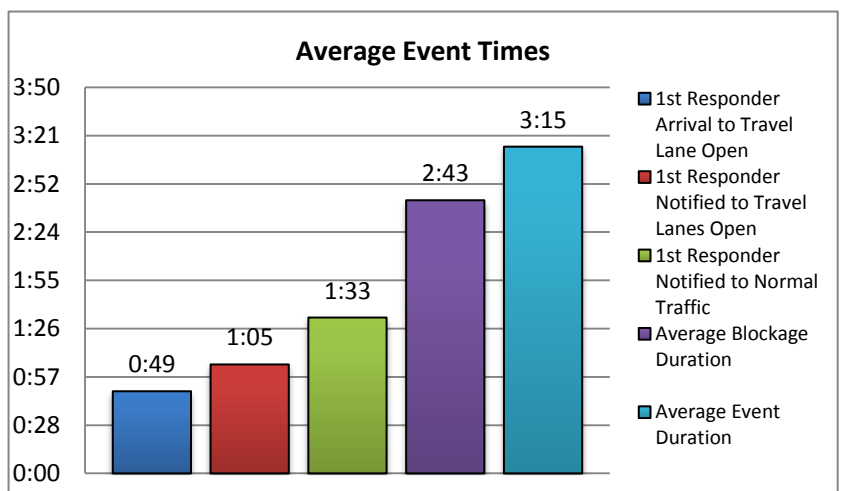
3. Number of RISC Events:
1

4. Number of ESS Events:
18

5. Events from a Safety Barrier Alert:
5



6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:49
Average Incident Duration From First Responder Notified to Travel Lane Open	1:05
Average Incident Duration From First Responder Notified to Normal Traffic	1:33



7. Average Blockage/Event Duration - For All Lane Blocking Incidents & Events	
Total Number of Incidents and Events	3011
Total Number with Lane Blockage	219
Total Number of Secondary Incidents	12
Average Blockage Duration	2:43
Average Event Duration	3:15

Note: Table 6 includes lane blocking incidents for I-75 and only includes Crash, Debris on Roadway, Disabled Vehicles, Emergency Vehicles, Flooding, Other, Pedestrian, Police Activity, and Vehicle Fire Events.

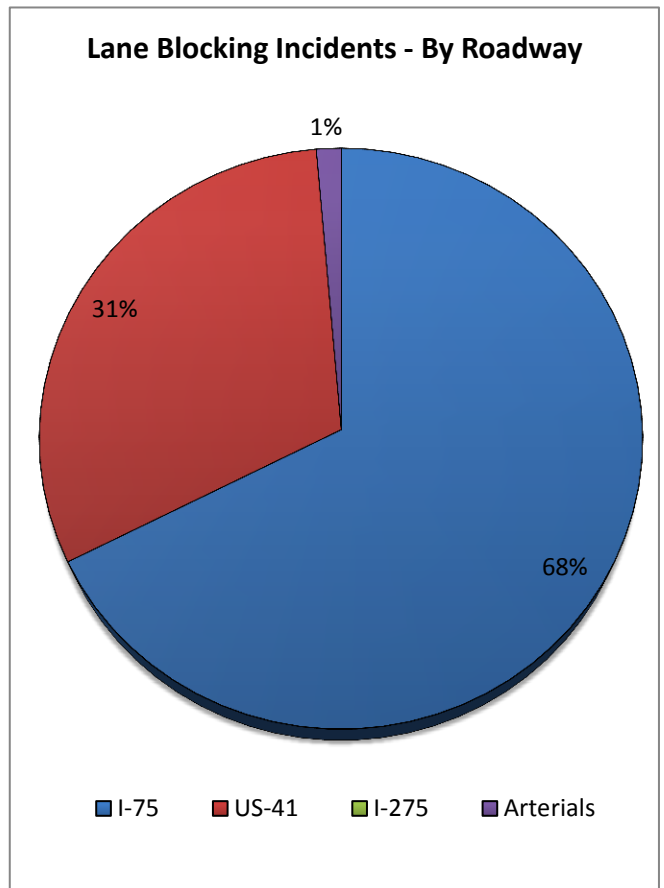
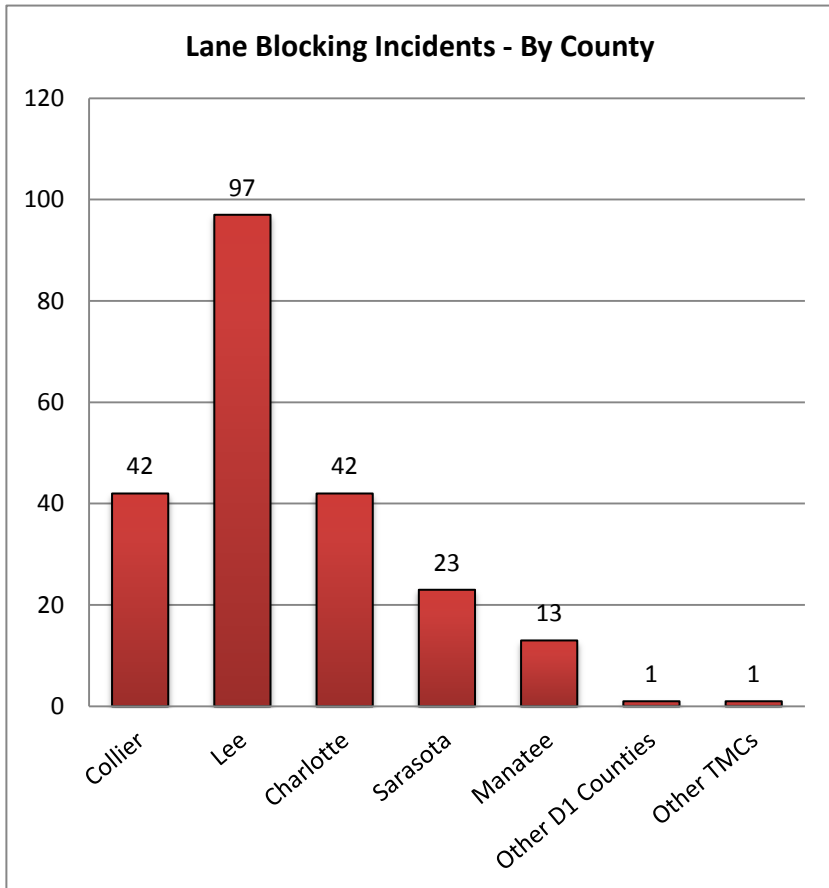


8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	28	66	41	10	2	-
US-41	13	30	1	13	11	-
I-275	-	-	-	-	0	-
Arterials	1	1	0	0	0	1
Total Incidents	42	97	42	23	13	1

Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	1	-	148
US-41	0	0	-	-	68
I-275	0	-	-	-	0
Arterials	0	0	0	0	3
Total Incidents	0	0	1	0	219

*These are incidents that occurred outside of the District 1 coverage area but requires SWIFT SunGuide assistance.



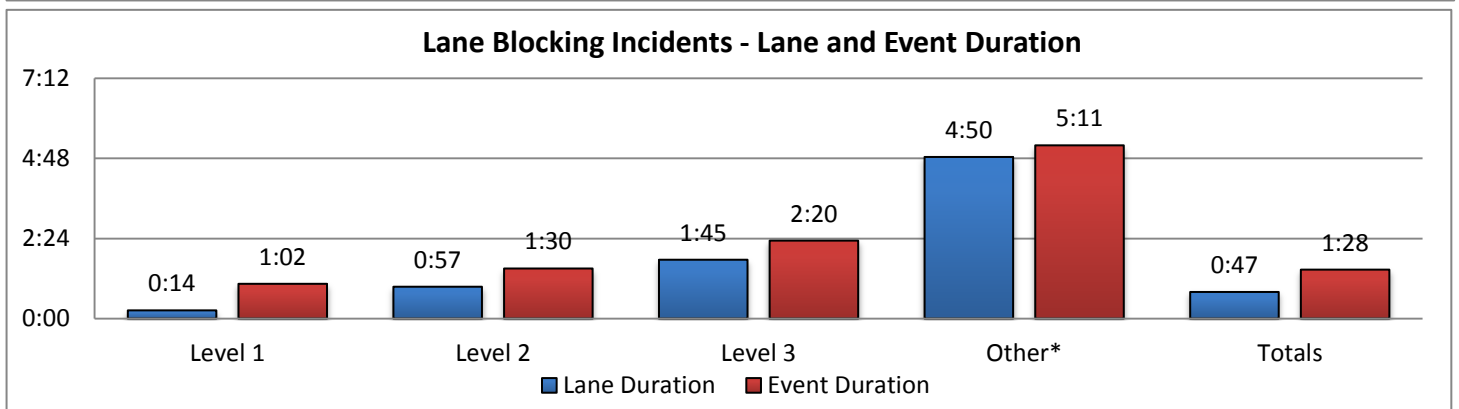
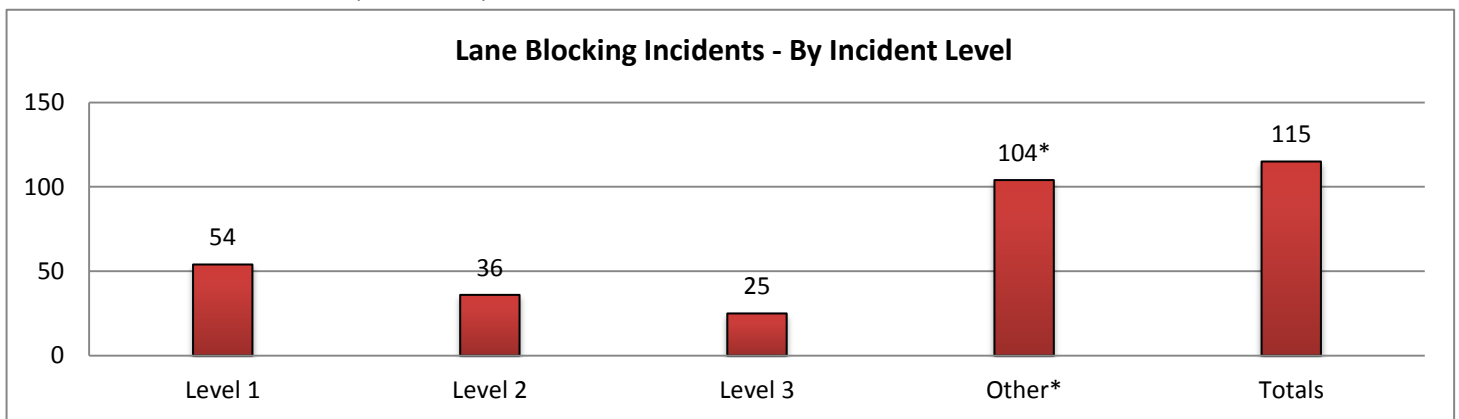


9. LANE BLOCKING INCIDENTS - By Incident Level:

	Collier County			Lee County			Charlotte County			Sarasota County		
	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration
Level 1	17	0:16	1:16	23	0:17	0:50	3	0:06	0:59	7	0:08	1:34
Level 2	5	0:43	1:18	14	1:04	1:38	2	1:17	1:40	9	0:54	1:33
Level 3	6	1:03	2:11	8	2:20	2:23	1	6:24	6:31	5	1:16	2:14
Other*	14*	2:43	2:55	52*	5:22	5:46	36*	5:07	5:27	2*	1:12	1:31
Totals	28	0:30	1:28	45	0:53	1:21	6	1:32	2:08	21	0:43	1:43

	Manatee County			Other Dist 1 Counties			Other District TMCs			Total		
	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration	Events	Lane Duration	Event Duration
Level 1	3	0:19	0:31	0	0:00	0:00	1	0:05	0:07	54	0:14	1:02
Level 2	6	0:52	1:14	0	0:00	0:00	0	0:00	0:00	36	0:57	1:30
Level 3	4	1:25	1:56	1	0:44	0:50	0	0:00	0:00	25	1:45	2:20
Other*	0*	0:00	0:00	0*	0:00	0:00	0*	0:00	0:00	104*	4:50	5:11
Totals	13	0:54	1:17	1	0:44	0:50	1	0:05	0:07	115	0:47	1:28

*Incidents classified as "Other" are police activity or scheduled road work, and are not included in the Level 1, 2, & 3 totals.

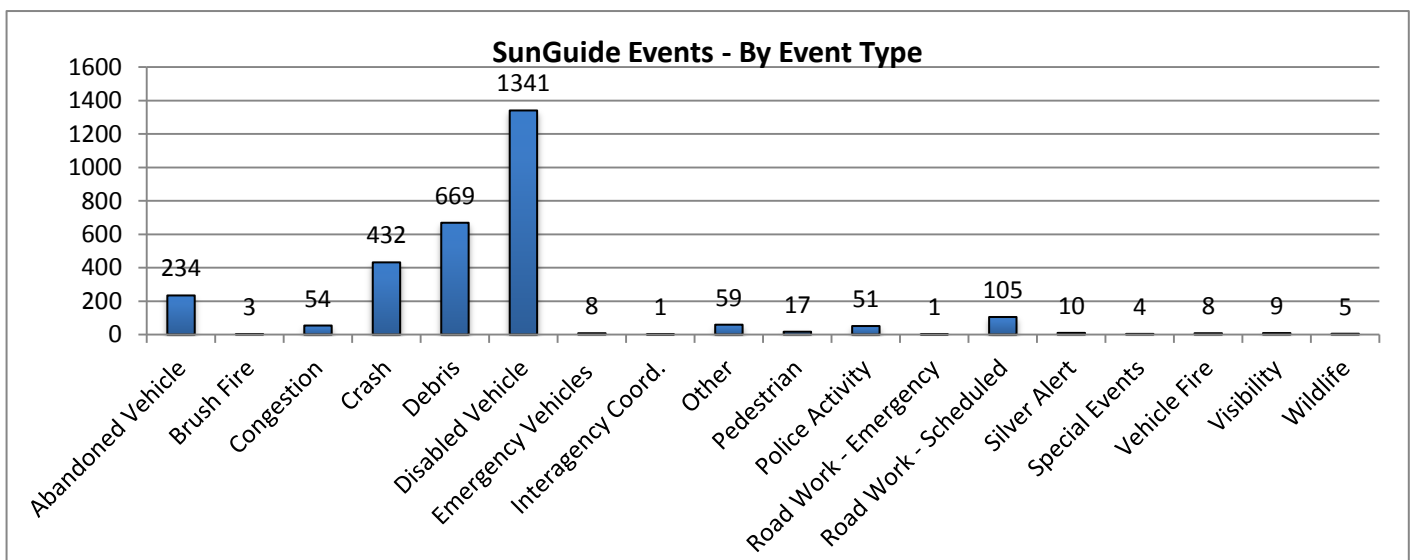




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	36	60	29	74	34	0	1	234
Amber Alerts	0	0	0	0	0	0	0	0
Brush Fire	0	2	0	0	1	0	0	3
Congestion	9	41	1	3	0	0	0	54
Crash	53	120	14	141	99	5	0	432
Debris	85	159	118	210	97	0	0	669
Disabled Vehicle	420	372	140	224	181	0	4	1341
Emergency Vehicles	3	3	0	1	0	1	0	8
Interagency Coord.	0	0	0	0	0	0	1	1
LEO Alerts	0	0	0	0	0	0	0	0
Other	8	9	7	25	9	1	0	59
Pedestrian	6	6	2	2	1	0	0	17
Police Activity	22	24	4	1	0	0	0	51
Road Work - Emergency	0	0	1	0	0	0	0	1
Road Work - Scheduled	16	51	37	1	0	0	0	105
Silver Alert	0	10	0	0	0	0	0	10
Special Events	0	0	1	2	1	0	0	4
Vehicle Fire	3	2	0	2	1	0	0	8
Visibility	2	7	0	0	0	0	0	9
Weather	0	0	0	0	0	0	0	0
Wildlife	2	0	0	3	0	0	0	5
Total Incidents	665	866	354	689	424	7	6	3011

Note: Incident categories that are listed as zero are not included in the chart below.

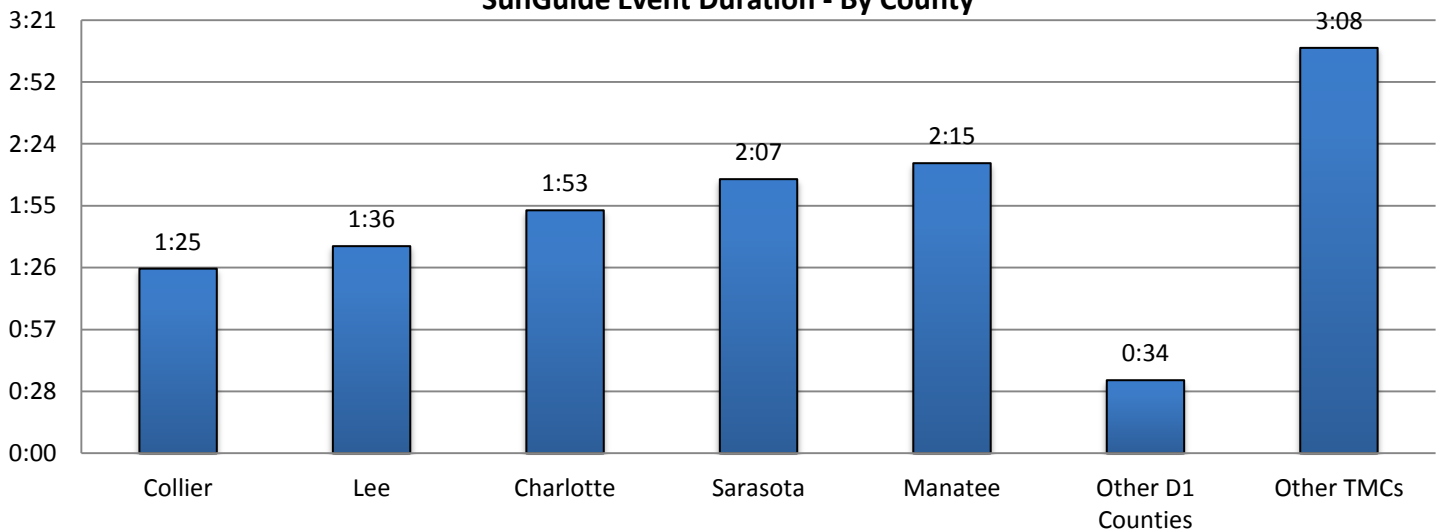




11. SunGuide Event Duration (Average) - by Event Type:

	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	All Counties
Abandoned Vehicle	8:03	7:51	9:10	11:46	13:42	0:00	17:13	10:10
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Brush Fire	0:00	0:34	0:00	0:00	0:39	0:00	0:00	0:35
Congestion	0:21	0:35	0:08	1:25	0:00	0:00	0:00	0:34
Crash	1:16	1:06	1:28	1:11	1:14	0:40	0:00	1:11
Debris	0:18	0:16	0:12	0:16	0:15	0:00	0:00	0:15
Disabled Vehicle	1:10	0:50	1:01	1:34	1:50	0:00	0:23	1:12
Emergency Vehicles	1:04	0:51	0:00	0:55	0:00	0:28	0:00	0:53
Interagency Coord.	0:00	0:00	0:00	0:00	0:00	0:00	0:07	0:07
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	0:54	0:11	0:31	0:08	0:17	0:06	0:00	0:18
Pedestrian	0:17	0:14	0:23	0:04	0:04	0:00	0:00	0:14
Police Activity	0:17	1:07	0:21	0:42	0:00	0:00	0:00	0:41
Road Work - Emergency	0:00	0:00	1:58	0:00	0:00	0:00	0:00	1:58
Road Work - Scheduled	3:10	5:46	5:25	2:20	0:00	0:00	0:00	5:12
Silver Alert	0:00	4:31	0:00	0:00	0:00	0:00	0:00	4:31
Special Events	0:00	0:00	6:31	1:50	3:44	0:00	0:00	3:28
Vehicle Fire	1:30	1:25	0:00	0:38	3:04	0:00	0:00	1:27
Visibility	1:01	5:11	0:00	0:00	0:00	0:00	0:00	4:15
Weather	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Wildlife	0:36	0:00	0:00	1:16	0:00	0:00	0:00	1:00
Total Incidents	1:25	1:36	1:53	2:07	2:15	0:34	3:08	1:48

SunGuide Event Duration - By County





12. Event DMS Statistics:

Number of DMS Used for Unplanned Events*:	Number of Incidents Utilizing DMS	Average Number of DMS per Incident	Average DMS Message Duration
839	101	8	3:32

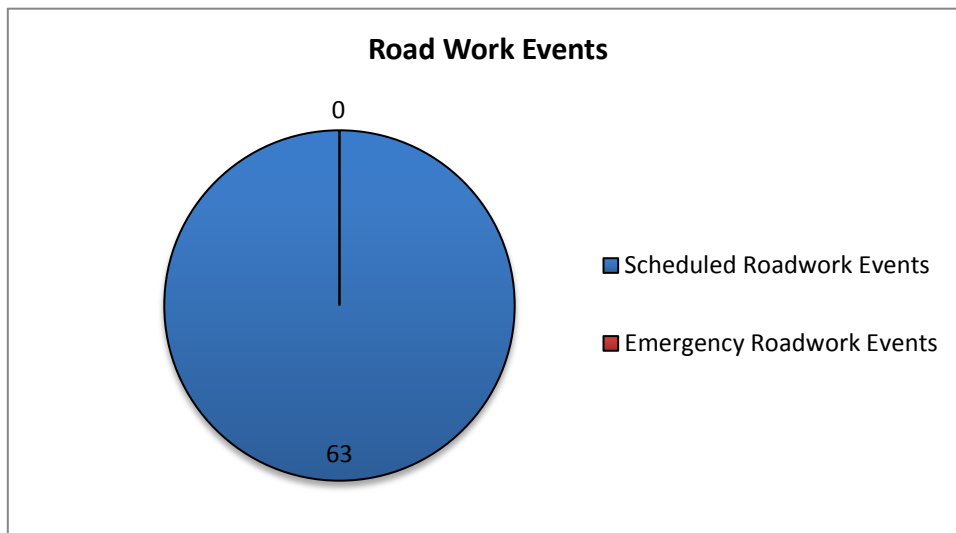
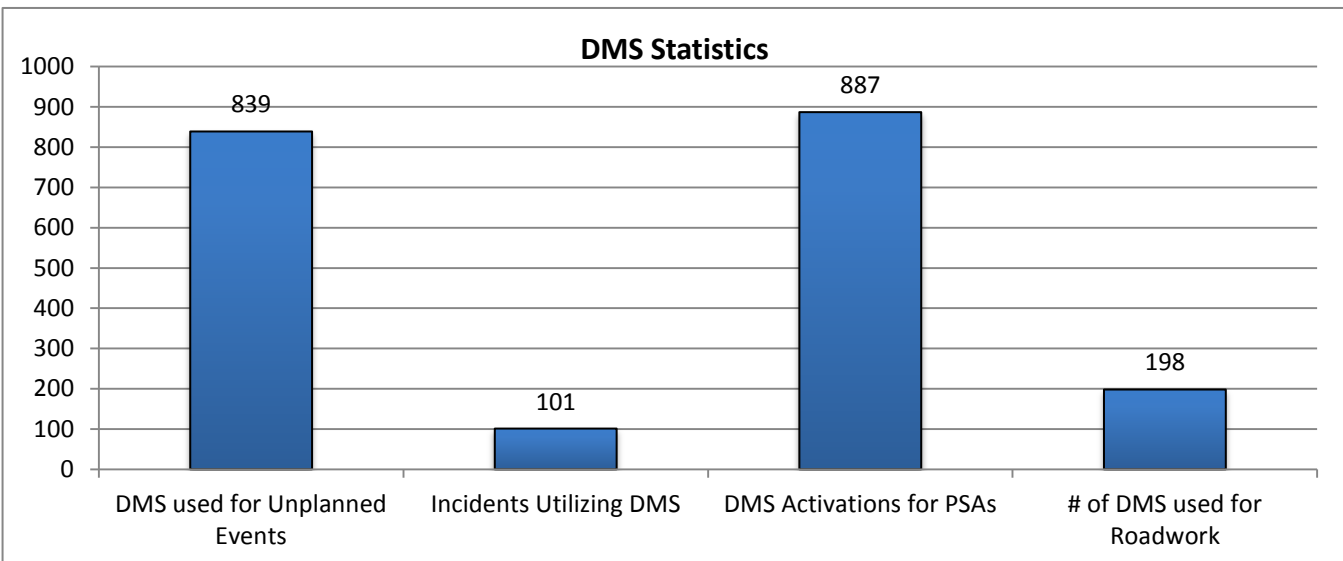
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
887

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
63	0	63
# DMS Used for Road Work		Average # of DMS/Pattern
198		3

* The DMS used for "Unplanned Events" includes crashes, congestion, visibility, silver alerts, etc.





15. Event Location - Summary By Exit Reference:

I-75 Northbound		I-75 Southbound	
Mile <49	2	Mile <49	0
Mile 49-79.9	124	Mile 49-79.9	100
Mile 80-100.9	143	Mile 80-100.9	58
Mile 101-104.9	16	Mile 101-104.9	18
Mile 105-106.9	17	Mile 105-106.9	23
Mile 107-110.9	44	Mile 107-110.9	36
Mile 111-115.9	37	Mile 111-115.9	26
Mile 116-122.9	109	Mile 116-122.9	81
Mile 123-127.9	61	Mile 123-127.9	51
Mile 128-130.9	38	Mile 128-130.9	41
Mile 131-135.9	65	Mile 131-135.9	53
Mile 136 -137.9	35	Mile 136 -137.9	4
Mile 138 -138.9	17	Mile 138 -138.9	15
Mile 139 - 140.9	14	Mile 139 - 140.9	9
Mile 141 - 142.9	46	Mile 141 - 142.9	22
Mile 143 - 157.9	116	Mile 143 - 157.9	84
Mile 158 - 160.9	30	Mile 158 - 160.9	21
Mile 161 - 163.9	17	Mile 161 - 163.9	25
Mile 164 - 166.9	30	Mile 164 - 166.9	21
Mile 167 -169.9	28	Mile 167 -169.9	22
Mile 170 - 178.9	44	Mile 170 - 178.9	57
Mile 179 - 181.9	15	Mile 179 - 181.9	14
Mile 182 - 190.9	62	Mile 182 - 190.9	59
Mile 191 - 192.9	13	Mile 191 - 192.9	14
Mile 193 - 194.9	21	Mile 193 - 194.9	17
Mile 195 -199.9	35	Mile 195 -199.9	29
Mile 200 - 204.9	38	Mile 200 - 204.9	44
Mile 205 - 206.9	15	Mile 205 - 206.9	16
Mile 207 - 209.9	27	Mile 207 - 209.9	25
Mile 210 -212.9	54	Mile 210 -212.9	47
Mile 213 - 216.9	56	Mile 213 - 216.9	46
Mile 217 - 219.9	36	Mile 217 - 219.9	38
Mile 220 - 223.9	28	Mile 220 - 223.9	32
Mile 224 -227.9	39	Mile 224 -227.9	32
Mile 228 - 228.9	10	Mile 228 - 228.9	6
Mile 229 -229.9	2	Mile 229 -229.9	2
Mile 230 - 239.9	0	Mile 230 - 239.9	0
> Mile 240	0	> Mile 240	0
North Total	1484	South Total	1188

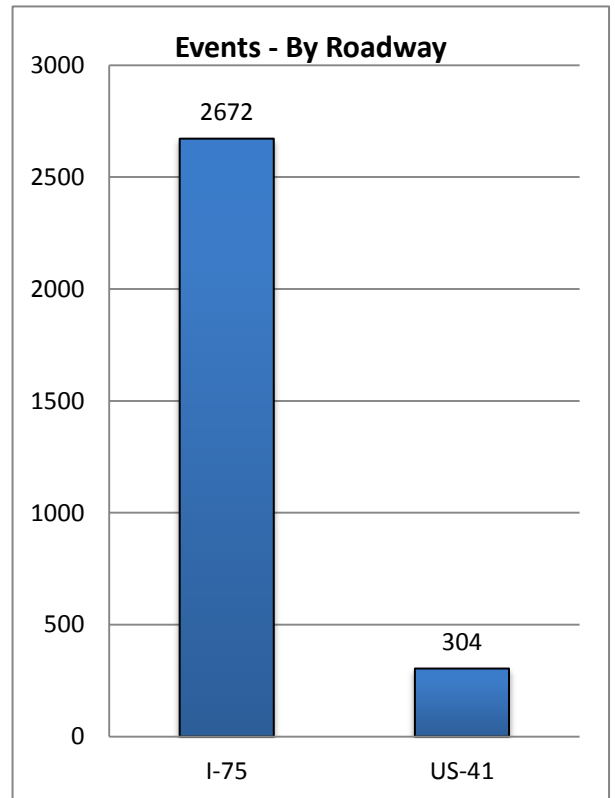
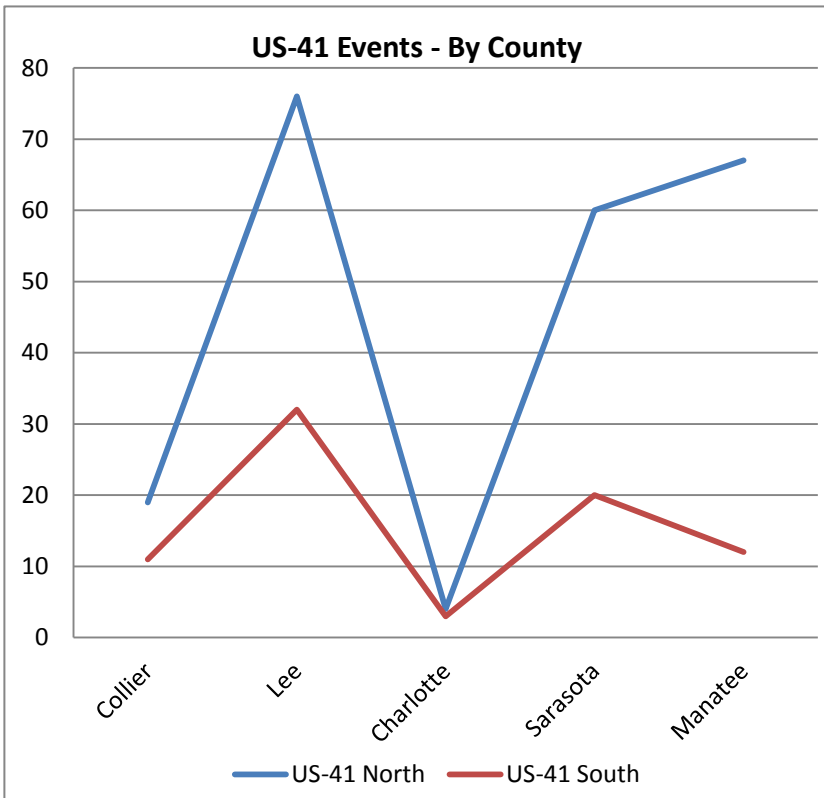
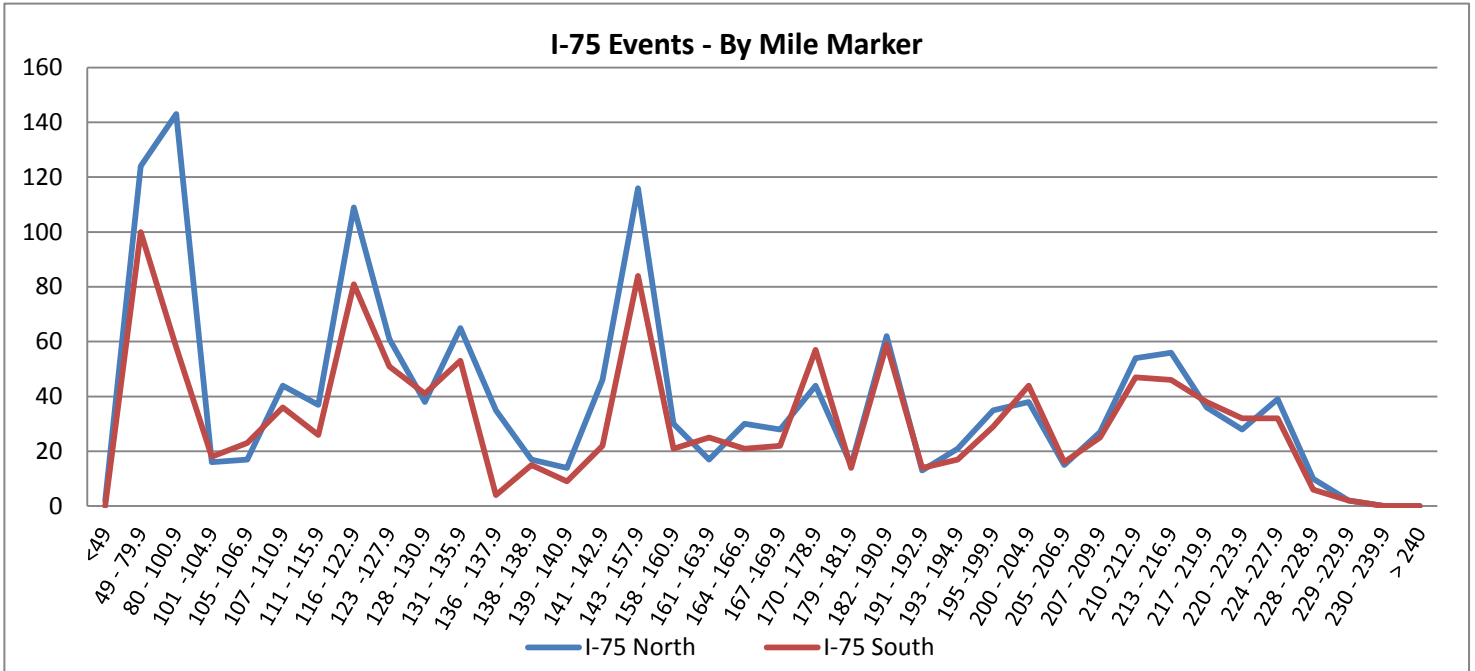
US-41 Northbound	
Collier	19
Lee	76
Charlotte	4
Sarasota	60
Manatee	67
North Total	226

US-41 Southbound	
Collier	11
Lee	32
Charlotte	3
Sarasota	20
Manatee	12
South Total	78

Total Events on US-41
304

Total Events on I-75
2672

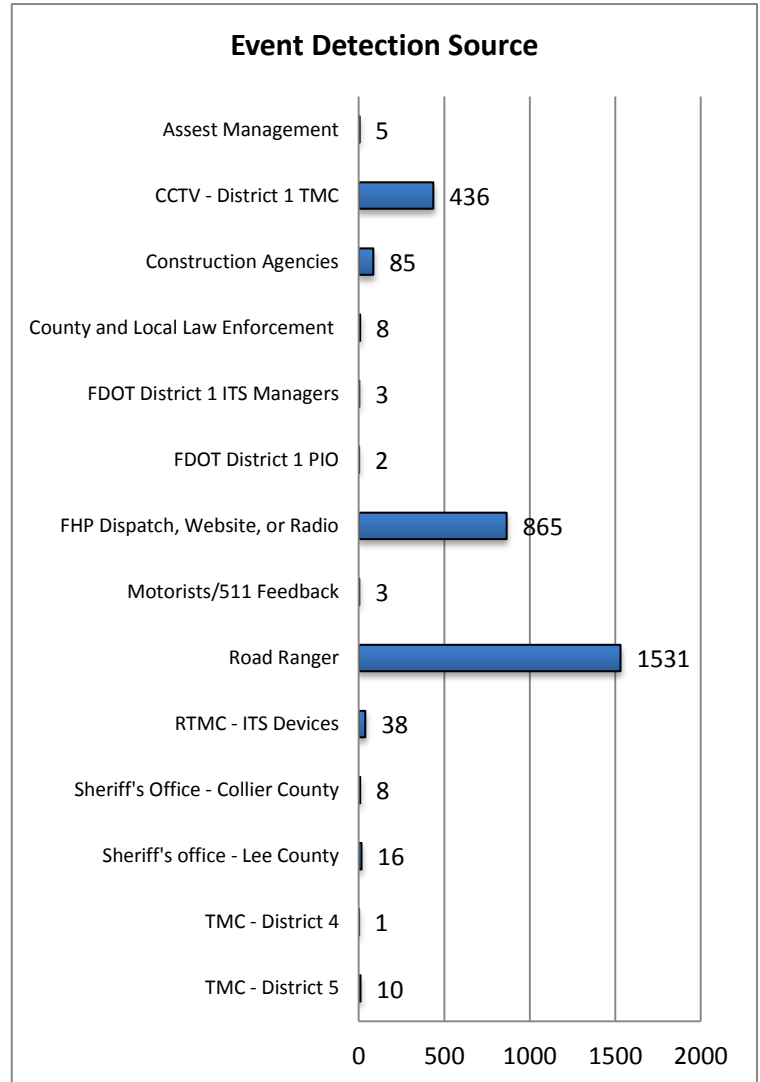
Note: The charts for these tables appear on the following page.





16. Event Detection Source:

Assest Management (includes Dbi & ICA)	5	0.2%
CCTV - District 1 TMC	436	14.5%
CCTV - Other	0	0.0%
Construction Agencies	85	2.8%
County and Local Law Enforcement	8	0.3%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	0	0.0%
FDOT District 1 ITS Managers	3	0.1%
FDOT District 1 PIO	2	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	865	28.7%
FHP Incident Alerts	0	0.0%
Fire Department	0	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	3	0.1%
Other	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1531	50.8%
RTMC - ITS Devices (TSS & Safety Barrier)	38	1.3%
RTMC Scanner	0	0.0%
RTMC Staff (On Scene)	0	0.0%
Sherriff's Officer - Charlotte County	0	0.0%
Sheriff's Office - Collier County	8	0.3%
Sheriff's Office - Lee County	16	0.5%
Sheriff's Office - Manatee County	0	0.0%
Sheriff's Office - Sarasota County	0	0.0%
SW Florida Internantion Airport	0	0.0%
TMC - District 4	1	0.0%
TMC - District 5	10	0.3%
TMC - District 7	0	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	0	0.0%
Total Number of Incidents	3011	100.0%

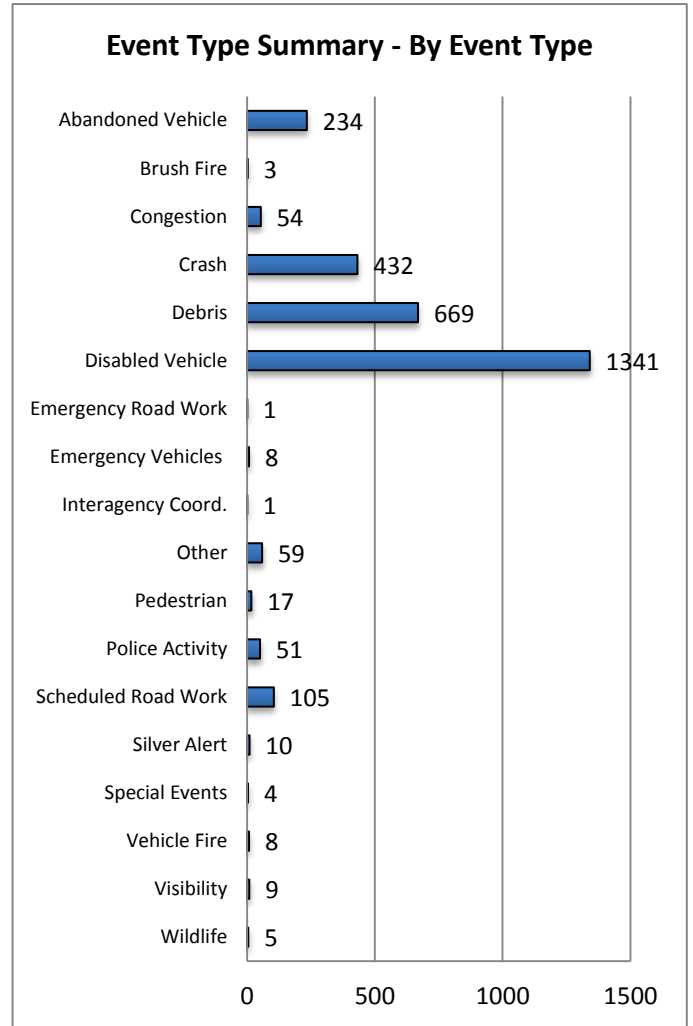


Note: Event Detection Source Categories listed as zero are not included in the above chart.

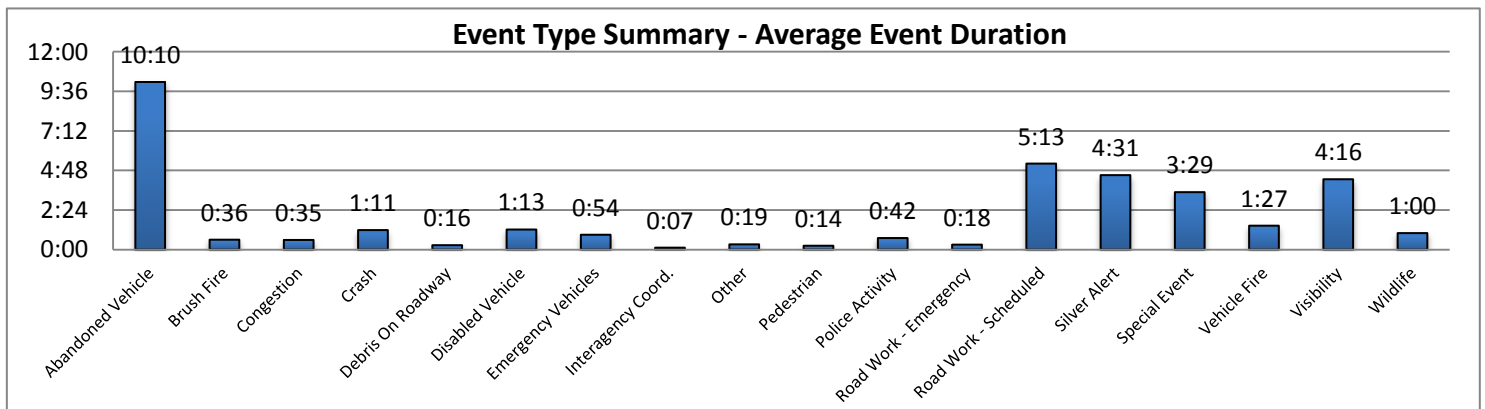


17. Event Type Summary

Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	234	1:09	10:10
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	3	0:23	0:36
Congestion	54	0:00	0:35
Crash	432	0:58	1:11
Debris On Roadway	669	0:10	0:16
Disabled Vehicle	1341	0:25	1:13
Emergency Vehicles	8	0:34	0:54
Evacuation	0	0:00	0:00
Flooding	0	0:00	0:00
Interagency Coord.	1	0:00	0:07
LEO Alert	0	0:00	0:00
Other	59	0:07	0:19
Pedestrian	17	0:06	0:14
Police Activity	51	0:29	0:42
PSA	0	0:00	0:00
Road Work - Emergency	1	0:00	0:18
Road Work - Scheduled	105	0:06	5:13
Silver Alert	10	0:00	4:31
Special Event	4	0:00	3:29
Vehicle Fire	8	1:02	1:27
Visibility	9	0:00	4:16
Weather	0	0:00	0:00
Wildlife	5	0:58	1:00
Total Events	3011	6:27	12:31



Note: Event Type Categories listed as zero are not included in these charts.





Road Ranger Information

Weekday Road Rangers			
RR104	MM 49-80	RR111	MM 167-193
RR103	MM 80-105	RR108	MM 191-213
RR105	(Spare Truck)	RR113	MM 210-230
RR106	MM 105-123	*RR112	MM 224-230 &
RR107	MM 116-138		I-275 MM 0-13
RR110	MM 136-158	RR115	(Spare Truck)
RR109	MM 143-170		

*RR112 is primarily dispatched from the District 7 RTMC

County Limits	
Collier County	Mile 50-115
Lee County	Mile 115-149
Charlotte County	Mile 149-172
Sarasota County	Mile 172-213
Manatee County	Mile 213-232

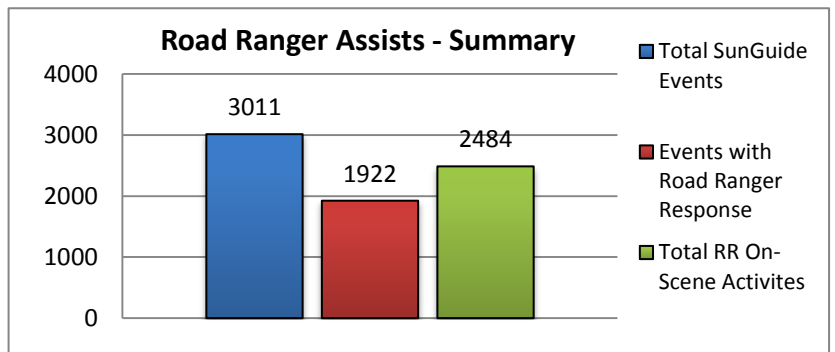
Saturday Road Rangers			
*RR104	MM 49-105	RR111	MM 167-193
RR104	MM 49-80	RR113	MM 210-230
RR103	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*RR 104 covers Ex 49-105 until noon when RR 103 begins patrolling
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

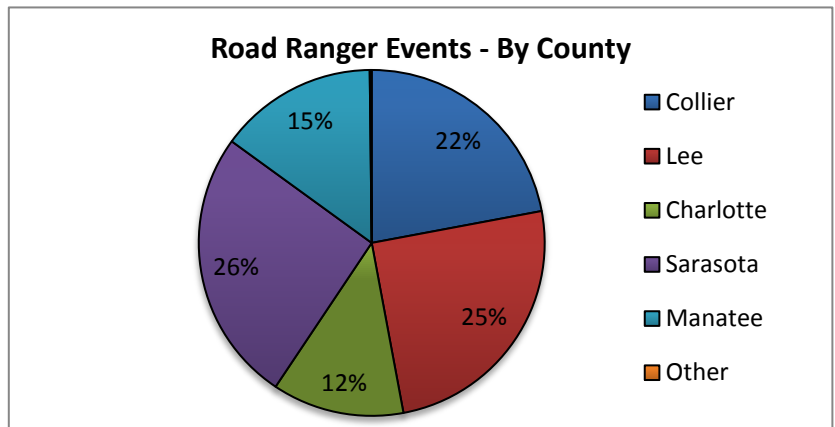
Sunday Road Rangers			
*RR103	MM 49-105	RR111	MM 167-193
RR103	MM 49-80	RR113	MM 210-230
RR104	MM 80-105	RR112	MM 224-230
RR105	(Spare Truck)		I-275 MM 0-13
RR106	MM 105-123	#RR113	I-275 MM 0-13
RR109	MM 143-170		

*RR 103 covers Ex 49-105 until noon when RR 104 begins patrolling
#RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

18. Road Ranger Assists Summary	
Total SunGuide Events	3011
Events with Road Ranger Response	1922
Total RR On-Scene Activities	2484
Average Activities/Assisted Event	1.29
% of Events Assisted	63.83%



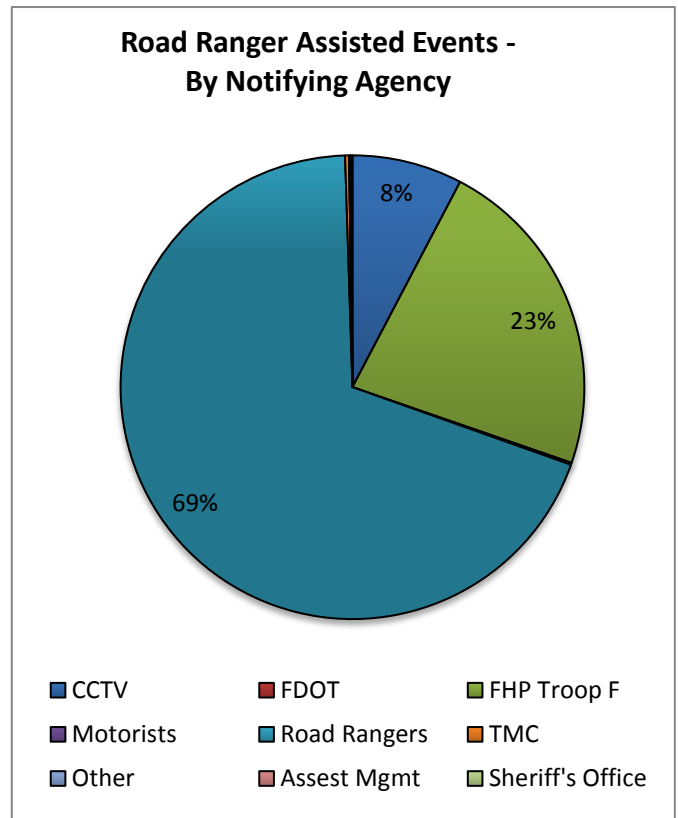
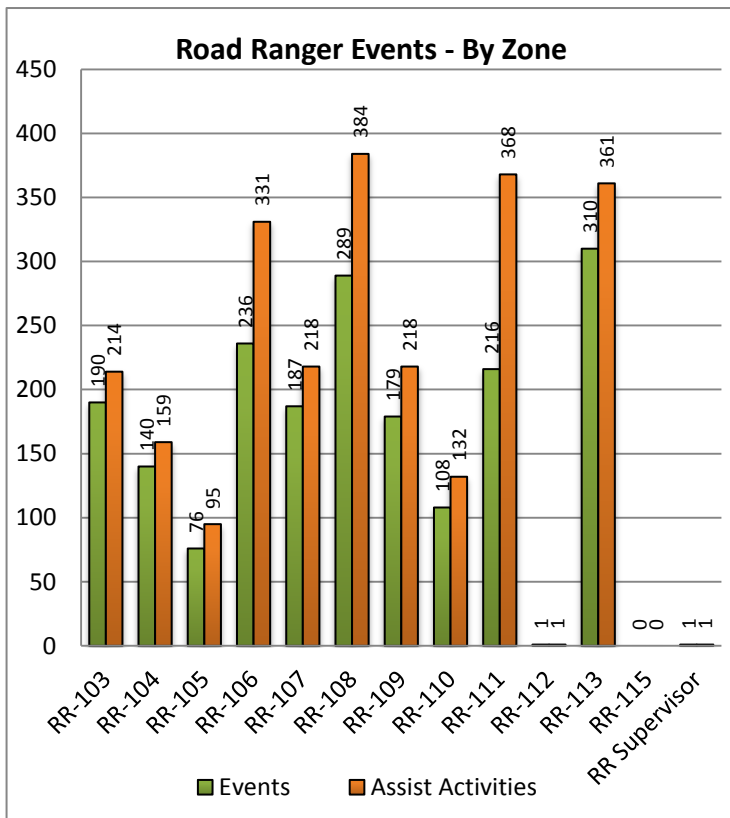
19. Road Ranger Events By County:	
District 1 Counties	Road Ranger Events
Collier	476
Lee	540
Charlotte	266
Sarasota	553
Manatee	320
Other	4
Totals	2159





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	190	214
RR-104	140	159
RR-105	76	95
RR-106	236	331
RR-107	187	218
RR-108	289	384
RR-109	179	218
RR-110	108	132
RR-111	216	368
RR-112	1	1
RR-113	310	361
RR-115	0	0
RR Supervisor	1	1
Totals	1933	2482

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	166	7.7%
FDOT	0	0.0%
FHP Troop F	488	22.6%
Motorists	3	0.1%
Road Rangers	1491	69.1%
TMC	6	0.3%
Other	0	0.0%
Assesst Mgmt	2	0.1%
Sheriff's Office	3	0.1%
Totals	2159	100.0%

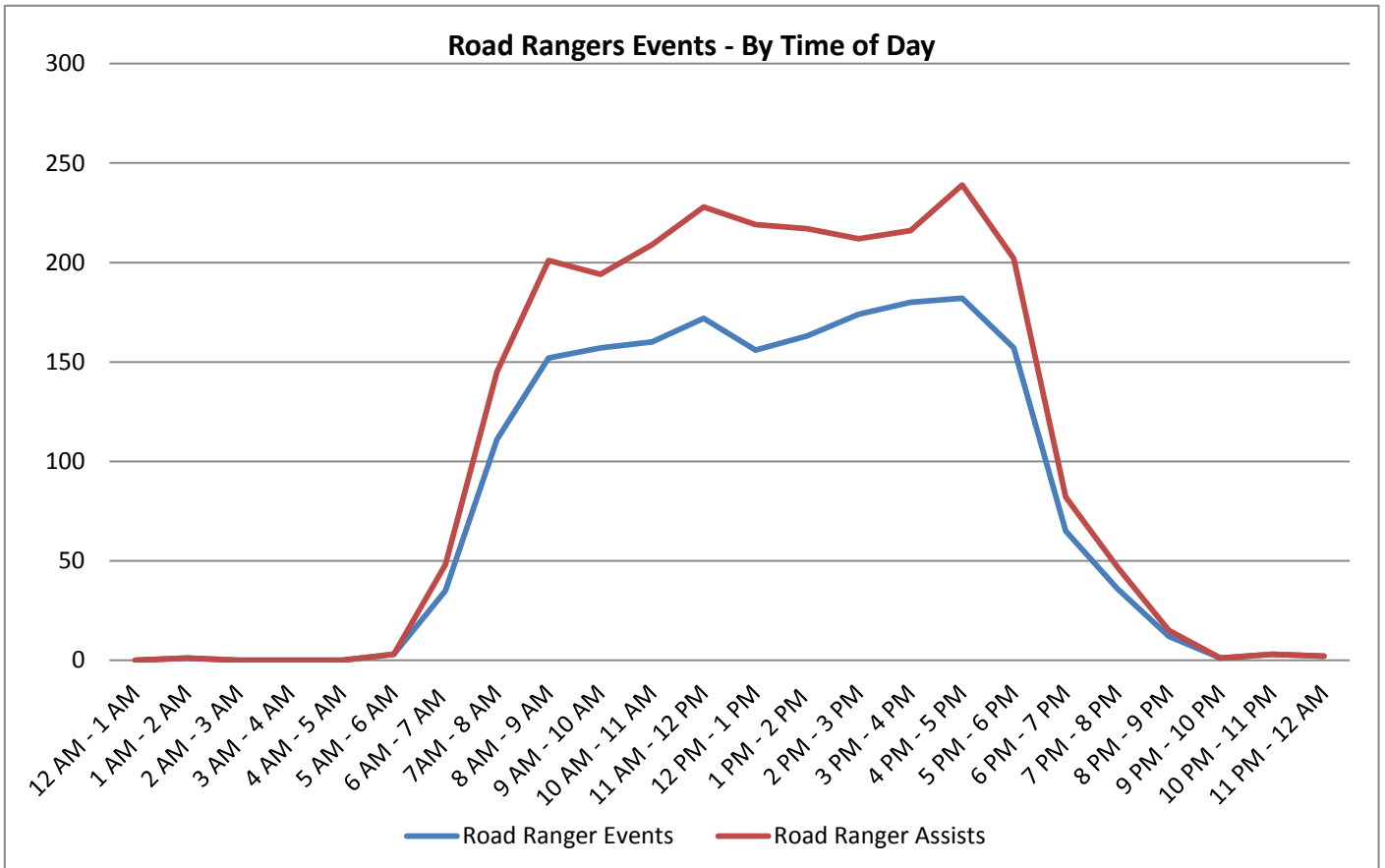




**22. Road Ranger Assisted Events -
By Time of Day:**

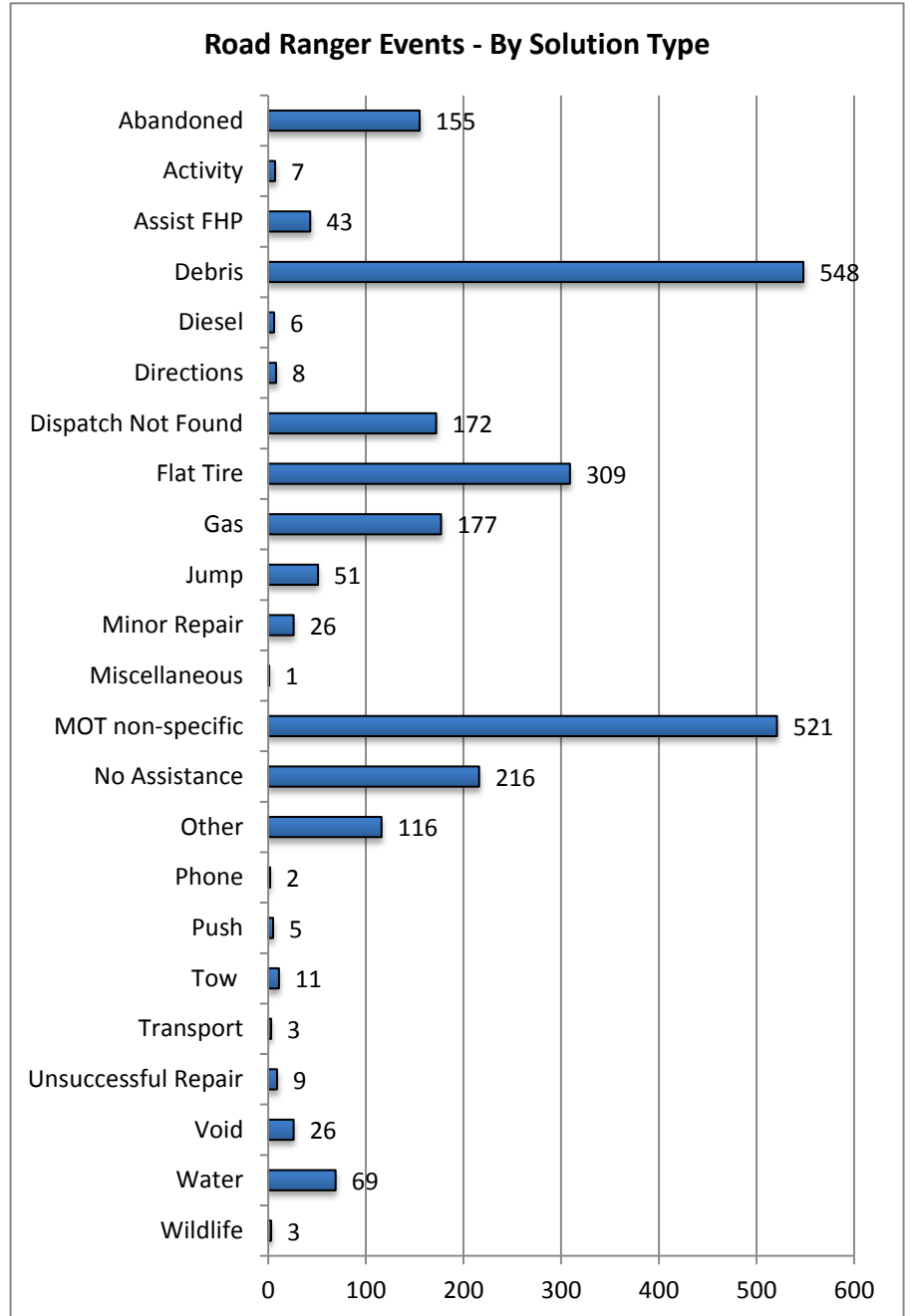
Time of Day	RR Events	RR Assists
12 AM - 1 AM	0	0
1 AM - 2 AM	1	1
2 AM - 3 AM	0	0
3 AM - 4 AM	0	0
4 AM - 5 AM	0	0
5 AM - 6 AM	3	3
6 AM - 7 AM	35	48
7 AM - 8 AM	111	145
8 AM - 9 AM	152	201
9 AM - 10 AM	157	194
10 AM - 11 AM	160	209
11 AM - 12 PM	172	228

Time of Day	RR Events	RR Assists
12 PM - 1 PM	156	219
1 PM - 2 PM	163	217
2 PM - 3 PM	174	212
3 PM - 4 PM	180	216
4 PM - 5 PM	182	239
5 PM - 6 PM	157	202
6 PM - 7 PM	65	82
7 PM - 8 PM	36	47
8 PM - 9 PM	12	15
9 PM - 10 PM	1	1
10 PM - 11 PM	3	3
11 PM - 12 AM	2	2
Totals	1922	2484





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	155
Absorbant	0
Activity	7
Assist FHP	43
Bleach	0
Cold Patch Asphalt	0
Debris	548
Deploy Cones	0
Diesel	6
Directions	8
Dispatch Not Found	172
Flare	0
Flat Tire	309
Flood Lamp	0
Gas	177
Jump	51
Livestock	0
Lockout	0
Minor Repair	26
Miscellaneous	1
MOT non-specific	521
No Assistance	216
Oil	0
Other	116
Phone	2
Portland Cement	0
Push	5
Radio	0
Tow	11
Translate	0
Transmission Fluid	0
Transport	3
Turbo Flare	0
Unsuccessful Repair	9
Void	26
Water	69
Wildlife	3
Total Assist Activities	2484



Note: Problem Type categories listed as zero are not included in the above chart.