



This is the FDOT District 1 Swift SunGuide Center Monthly Operations Report, for September 2014. This Report contains the numerical data and counts that were derived from the SunGuide System events created by the operations staff.

Table Of Contents

- 1 Number Of SunGuide Events
- 2 Number of Lane Closing Events
- 3 Number of Rapid Incident Scene Clearance (RISC) Events
- 4 Number of Emergency Stopping Site (ESS) events.
- 5 Number of Events from a Safety Barrier Alert.
- 6 Average Open Roads Policy & Normal Traffic Times for I-75 Incidents
- 7 Average Blockage/Event Duration - Lane Blocking Events
- 8 Lane Blocking Events- By County and Roadway
- 9 Lane Blocking Incidents - By Incident Level
- 10 SunGuide Events - By Event Type
- 11 SunGuide Event Duration (Average) - By Event Type
- 12 Event - DMS Statistics
- 13 Public Service Announcements - DMS Activations
- 14 Road Work - DMS Statistics
- 15 Event Location Summary- By Mile Marker
- 16 Event Detection Source
- 17 Event Type Summary
- 18 Road Ranger Assist Summary
- 19 Road Ranger Assist Activities - By County
- 20 Road Ranger Events - By Zone
- 21 Road Ranger Assisted Events - By Notifying Agency
- 22 Road Ranger Assisted Events - By Time of Day
- 23 Road Ranger Assisted Events - By Solution Type

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:	
	4199

2. Number of Lane Blocking Events:	
	232

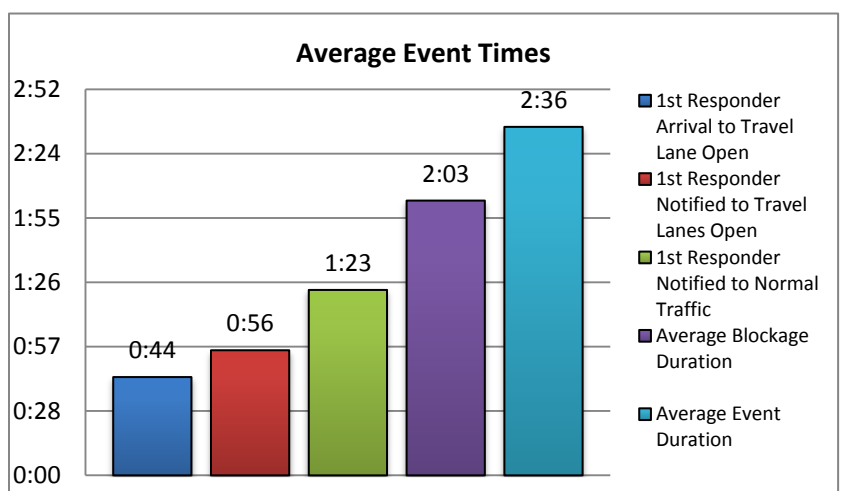
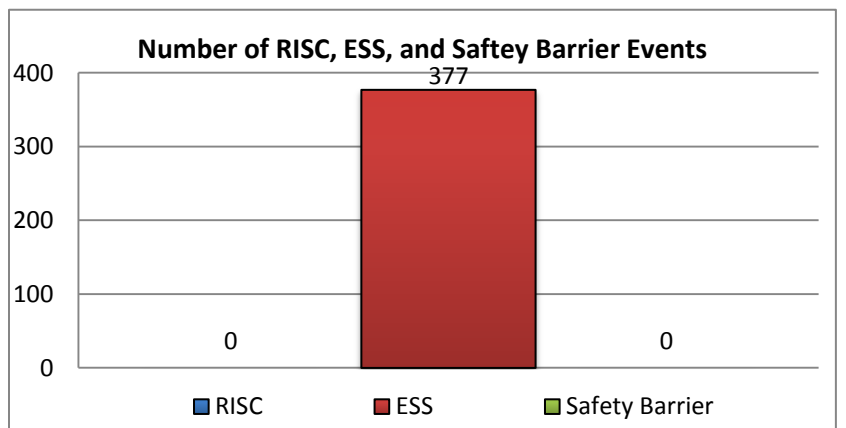
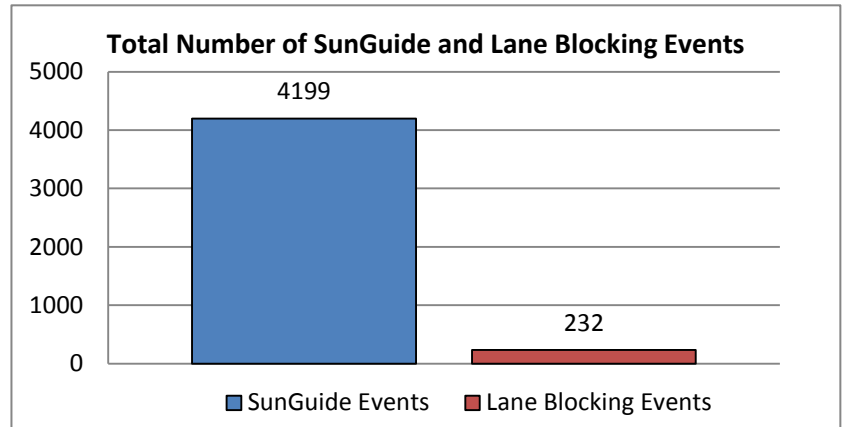
3. Number of RISC Events:	
	0

4. Number of ESS Events:	
	377

5. Events from a Safety Barrier Alert:	
	0

6. Average Open Roads Policy & Normal Traffic Times for I-75 Incidents	
Average Incident Duration From First Responder Arrival to Travel Lane Open	0:44
Average Incident Duration From First Responder Notified to Travel Lane Open	0:56
Average Incident Duration From First Responder Notified to Normal Traffic	1:23

7. Average Blockage/Event Duration - For All Lane Blocking Events	
Number of Events	4199
Number of Lane Blocking Events	232
Number of Secondary Incidents	17
Average Blockage Duration	2:03
Average Event Duration	2:36



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.



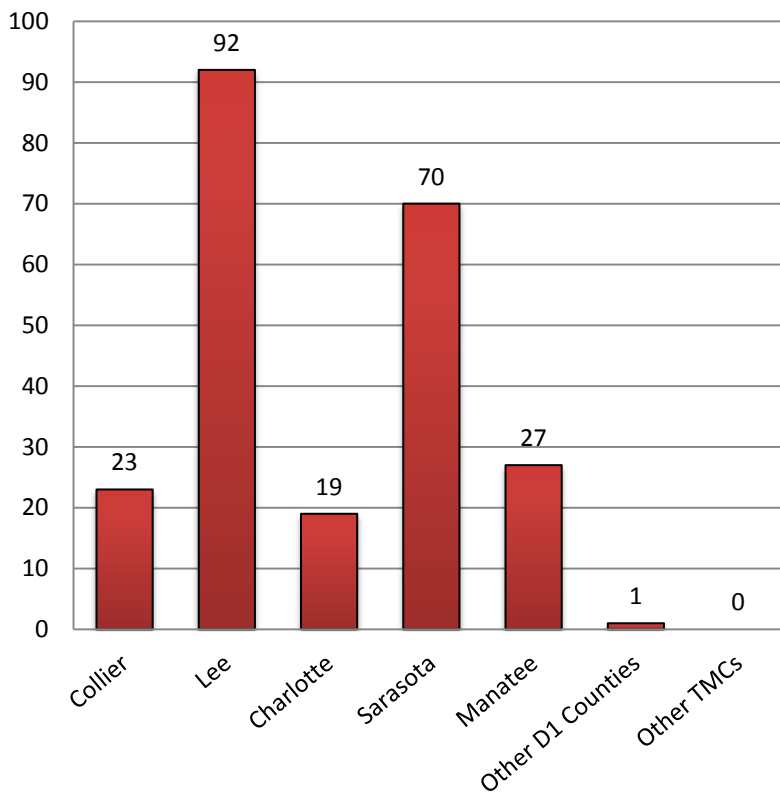
8. Lane Blocking Incidents - By County and Roadway:

Roadways	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other Dist 1 Counties
I-75	21	73	14	51	22	-
US-41	2	17	5	19	5	-
I-275	-	-	-	-	0	-
Arterials	0	2	0	0	0	1
Total Incidents	23	92	19	70	27	1

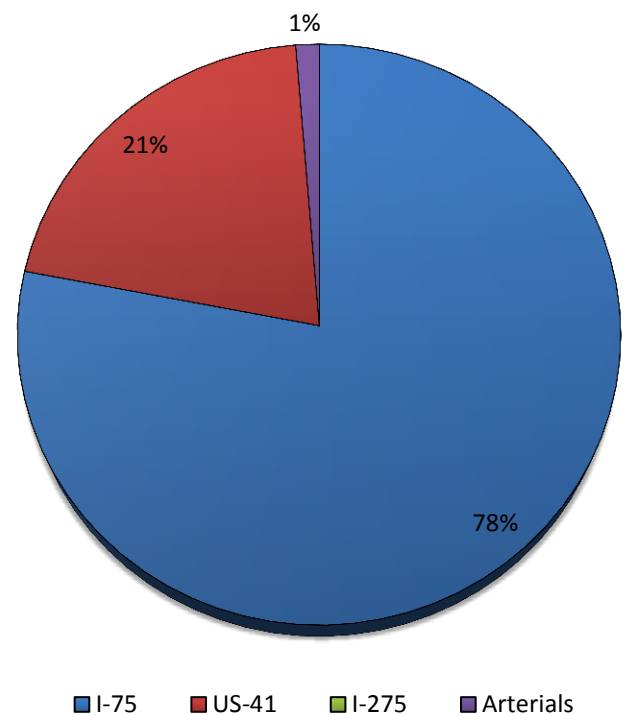
Roadways	District 7* TMC	District 6* TMC	District 4* TMC	FL Turnpike* TMC	Total Incidents By Roadway
I-75	0	0	0	-	181
US-41	0	0	-	-	48
I-275	0	-	-	-	0
Arterials	0	0	0	0	3
Total Incidents	0	0	0	0	232

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

Lane Blocking Incidents - By County



Lane Blocking Incidents - By Roadway



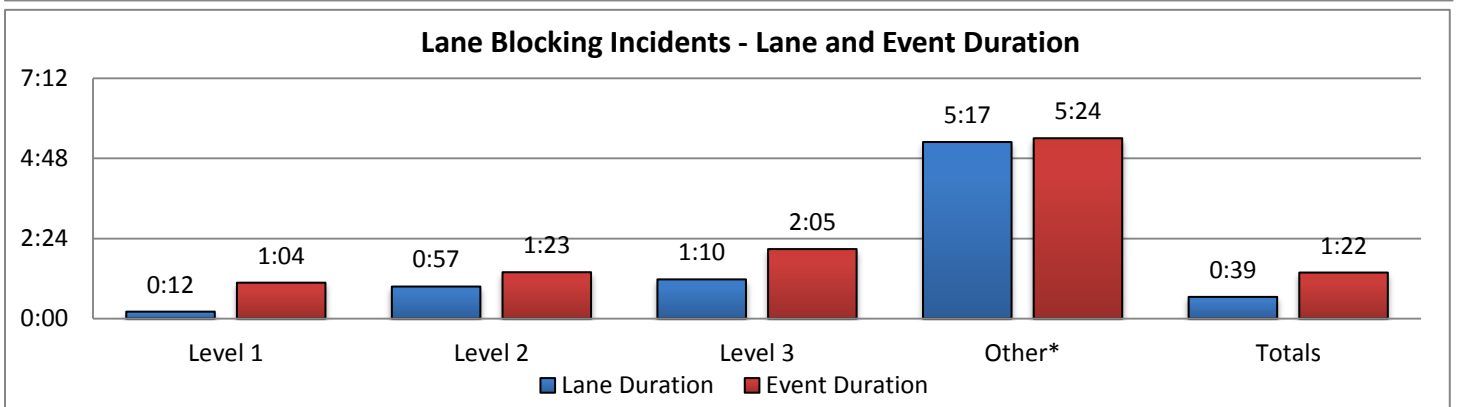
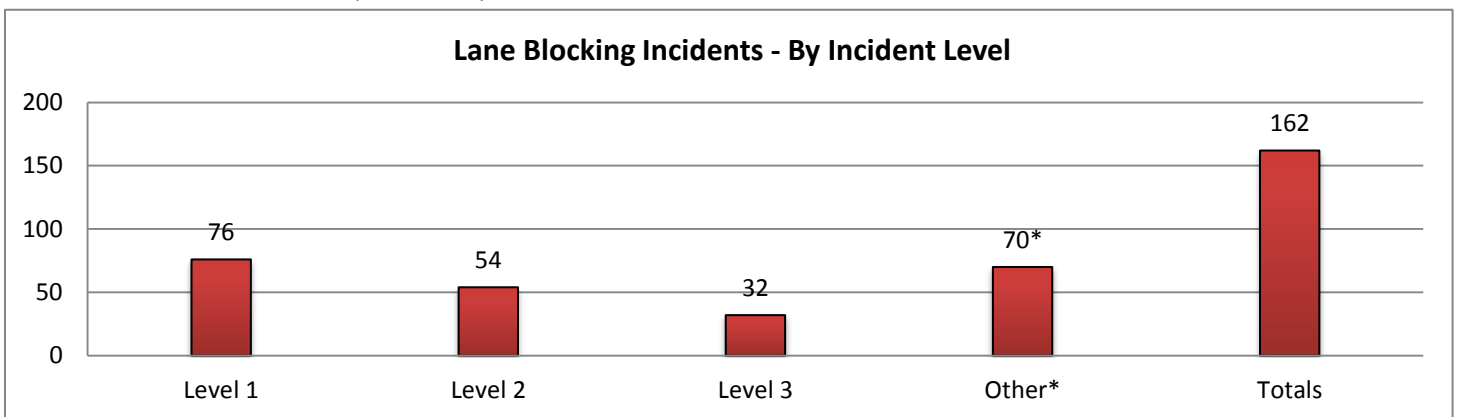


9. LANE BLOCKING INCIDENTS - By Incident Level:

	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	8	0:18	1:03	20	0:13	1:04	6	0:09	0:46	31	0:12	1:06
Level 2	4	0:58	1:11	14	0:52	1:32	4	0:57	1:10	22	1:02	1:26
Level 3	5	0:34	1:47	6	0:35	1:10	8	2:15	2:59	10	1:17	2:19
Other*	6*	1:44	1:55	52*	5:42	5:48	1*	4:39	4:44	7*	6:32	6:37
Totals	17	0:32	1:17	40	0:29	1:14	18	1:15	1:50	63	0:39	1:24

	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	11	0:11	1:13	0	0:00	0:00	0	0:00	0:00	76	0:12	1:04
Level 2	10	0:56	1:16	0	0:00	0:00	0	0:00	0:00	54	0:57	1:23
Level 3	2	0:07	1:45	1	0:12	0:13	0	0:00	0:00	32	1:10	2:05
Other*	4*	3:18	3:33	0*	0:00	0:00	0*	0:00	0:00	70*	5:17	5:24
Totals	23	0:30	1:17	1	0:12	0:13	0	0:00	0:00	162	0:39	1:22

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

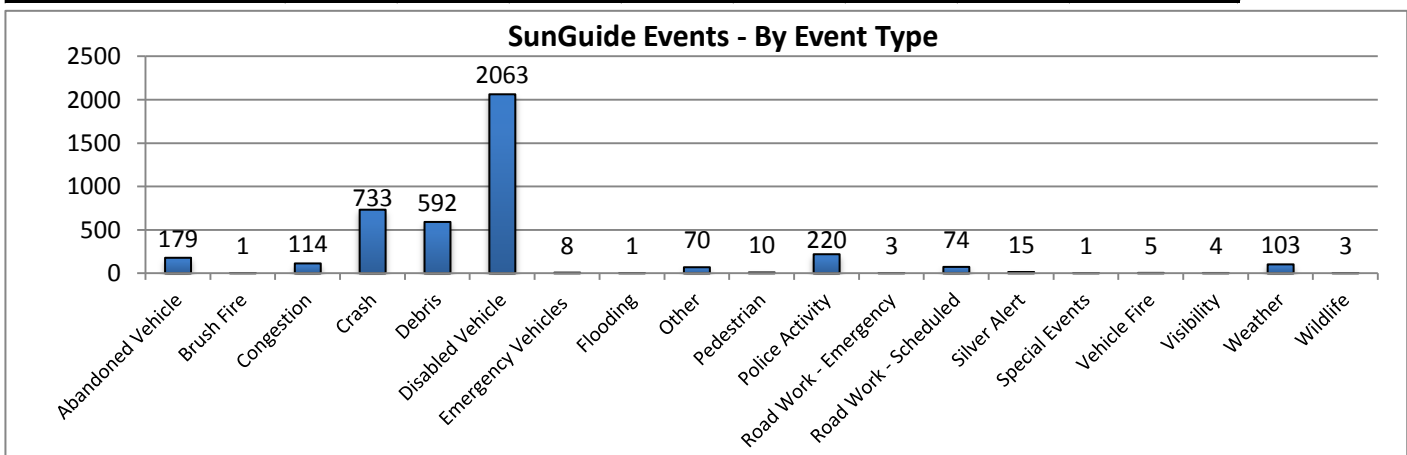




10. SunGuide Events - by Event Type:

Incidents	Collier County	Lee County	Charlotte County	Sarasota County	Manatee County	Other D-1 Counties	Other Dist. TMCs	Total # of Events
Abandoned Vehicle	38	43	19	56	22	0	1	179
Amber Alerts	0	0	0	0	0	0	0	0
Bridge Work	0	0	0	0	0	0	0	0
Brush Fire	1	0	0	0	0	0	0	1
Congestion	11	15	1	31	56	0	0	114
Crash	83	128	52	260	204	5	1	733
Debris	87	119	103	132	150	0	1	592
Disabled Vehicle	646	661	177	289	288	0	2	2063
Emergency Vehicles	3	2	1	2	0	0	0	8
Evacuation	0	0	0	0	0	0	0	0
Flooding	0	0	0	0	0	1	0	1
Interagency Coord.	0	0	0	0	0	0	0	0
LEO Alerts	0	0	0	0	0	0	0	0
Other	8	28	7	18	9	0	0	70
Pedestrian	2	1	0	3	4	0	0	10
Police Activity	80	114	11	12	3	0	0	220
PSA	0	0	0	0	0	0	0	0
Road Work - Emergency	1	0	0	2	0	0	0	3
Road Work - Scheduled	9	51	2	8	4	0	0	74
Silver Alert	0	14	0	0	1	0	0	15
Special Events	0	0	0	0	0	1	0	1
Vehicle Fire	1	1	0	2	1	0	0	5
Visibility	2	1	1	0	0	0	0	4
Weather	29	25	14	25	10	0	0	103
Wildlife	2	0	0	0	1	0	0	3
Total Incidents	1003	1203	388	840	753	7	5	4199

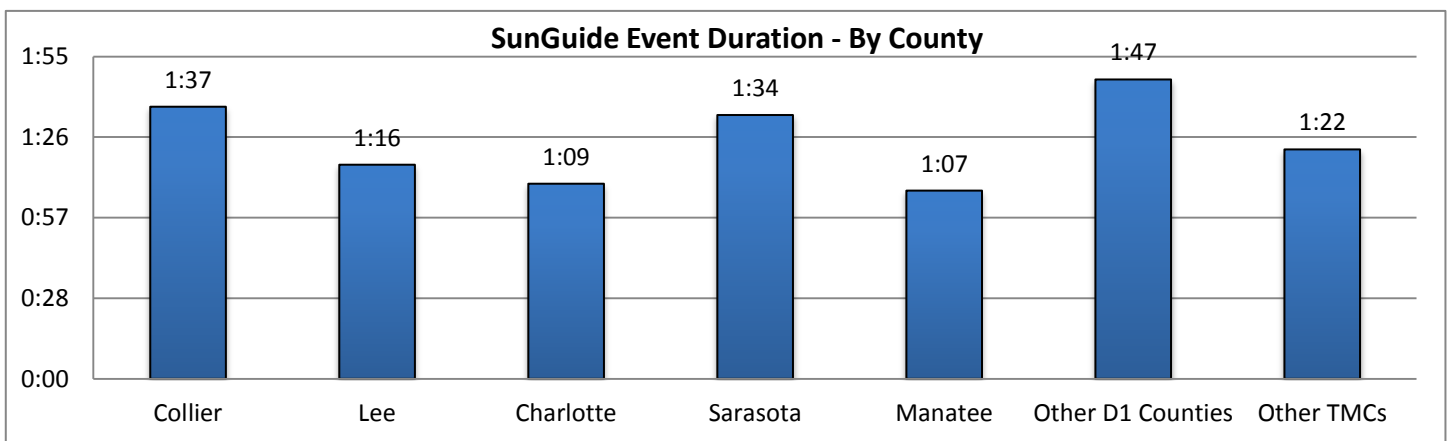
Note: Incident categories that are listed as zero are not included in the chart below.





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	18:45	9:36	5:58	8:48	9:14	0:00	6:27	10:50
Amber Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Bridge Work	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Brush Fire	0:53	0:00	0:00	0:00	0:00	0:00	0:00	0:53
Congestion	0:36	0:24	0:25	0:51	0:42	0:00	0:00	0:41
Crash	1:16	1:02	1:16	1:12	1:18	0:59	0:12	1:12
Debris	0:12	0:16	0:11	0:18	0:11	0:00	0:03	0:13
Disabled Vehicle	1:00	0:43	1:07	1:10	0:57	0:00	0:04	0:56
Emergency Vehicles	0:11	0:43	1:37	1:58	0:00	0:00	0:00	0:56
Evacuation	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Flooding	0:00	0:00	0:00	0:00	0:00	0:04	0:00	0:04
Interagency Coord.	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
LEO Alerts	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Other	3:11	0:13	0:36	0:13	0:11	0:00	0:00	0:35
Pedestrian	0:36	0:05	0:00	0:08	0:05	0:00	0:00	0:12
Police Activity	0:16	0:15	0:13	0:38	0:09	0:00	0:00	0:16
PSA	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Road Work - Emergency	2:29	0:00	0:00	0:31	0:00	0:00	0:00	1:10
Road Work - Scheduled	2:40	6:00	4:51	5:49	3:33	0:00	0:00	5:24
Silver Alert	0:00	5:39	0:00	0:00	0:33	0:00	0:00	5:18
Special Events	0:00	0:00	0:00	0:00	0:00	7:29	0:00	7:29
Vehicle Fire	0:47	1:06	0:00	0:51	0:16	0:00	0:00	0:46
Visibility	0:44	1:01	1:40	0:00	0:00	0:00	0:00	1:02
Weather	1:59	2:11	2:31	1:53	1:49	0:00	0:00	2:03
Wildlife	1:15	0:00	0:00	0:00	0:03	0:00	0:00	0:51
Total Incidents	1:37	1:16	1:09	1:34	1:07	1:47	1:22	1:22





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
1966	244	8	2:46

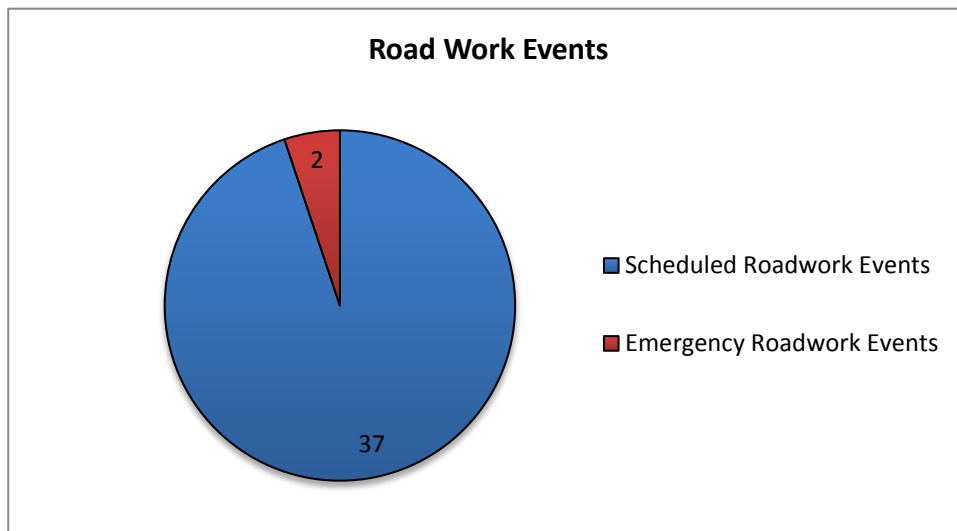
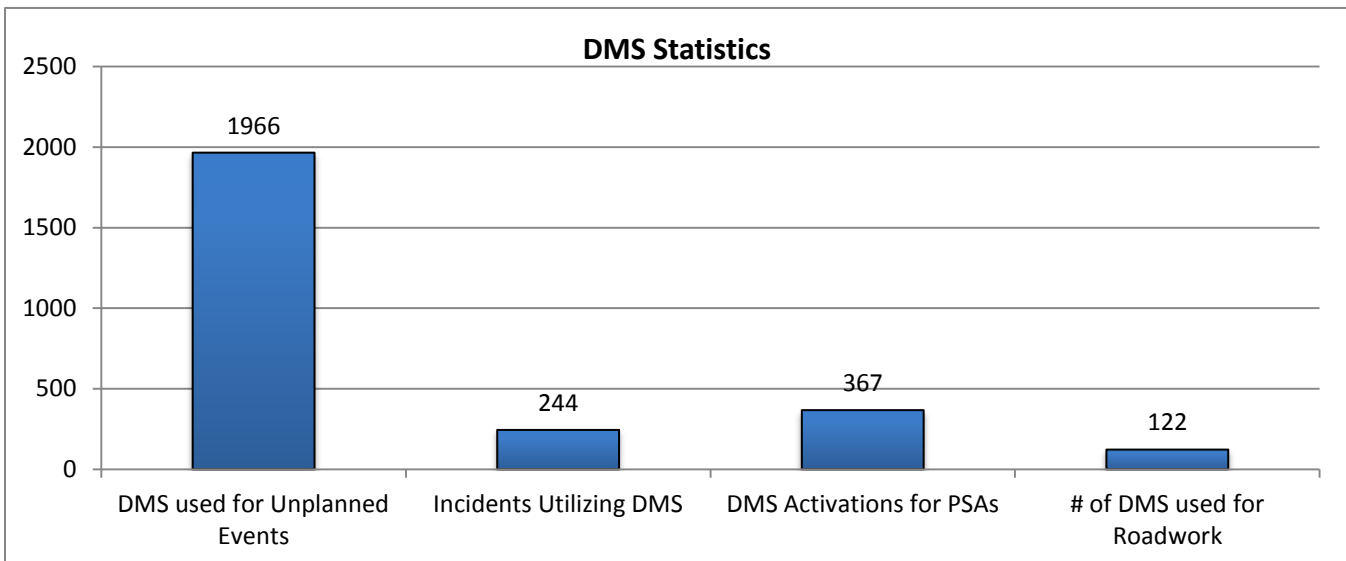
13. PSA - DMS Activations:

Number of Public Service Announcement DMS Activations
367

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

14. Road Work - DMS Statistics:

Scheduled Road Work	Emergency Road Work	Total # Road Work Patterns
37	2	39
# DMS Used for Road Work		Average # of DMS/Pattern
122		3





15. Event Location - Summary By Exit Reference:

I-75 Northbound		I-75 Southbound	
Mile <49	2	Mile <49	0
Mile 49-79.9	152	Mile 49-79.9	172
Mile 80-100.9	160	Mile 80-100.9	96
Mile 101-104.9	19	Mile 101-104.9	34
Mile 105-106.9	25	Mile 105-106.9	49
Mile 107-110.9	96	Mile 107-110.9	61
Mile 111-115.9	67	Mile 111-115.9	51
Mile 116-122.9	114	Mile 116-122.9	172
Mile 123-127.9	115	Mile 123-127.9	45
Mile 128-130.9	52	Mile 128-130.9	49
Mile 131-135.9	103	Mile 131-135.9	55
Mile 136 -137.9	33	Mile 136 -137.9	19
Mile 138 -138.9	37	Mile 138 -138.9	11
Mile 139 - 140.9	86	Mile 139 - 140.9	27
Mile 141 - 142.9	27	Mile 141 - 142.9	23
Mile 143 - 157.9	141	Mile 143 - 157.9	122
Mile 158 - 160.9	27	Mile 158 - 160.9	20
Mile 161 - 163.9	35	Mile 161 - 163.9	22
Mile 164 - 166.9	19	Mile 164 - 166.9	37
Mile 167 -169.9	30	Mile 167 -169.9	26
Mile 170 - 178.9	59	Mile 170 - 178.9	53
Mile 179 - 181.9	17	Mile 179 - 181.9	24
Mile 182 - 190.9	90	Mile 182 - 190.9	60
Mile 191 - 192.9	28	Mile 191 - 192.9	22
Mile 193 - 194.9	20	Mile 193 - 194.9	11
Mile 195 -199.9	47	Mile 195 -199.9	20
Mile 200 - 204.9	48	Mile 200 - 204.9	55
Mile 205 - 206.9	30	Mile 205 - 206.9	13
Mile 207 - 209.9	31	Mile 207 - 209.9	28
Mile 210 -212.9	87	Mile 210 -212.9	32
Mile 213 - 216.9	99	Mile 213 - 216.9	82
Mile 217 - 219.9	61	Mile 217 - 219.9	60
Mile 220 - 223.9	60	Mile 220 - 223.9	70
Mile 224 -227.9	48	Mile 224 -227.9	59
Mile 228 - 228.9	15	Mile 228 - 228.9	15
Mile 229 -229.9	3	Mile 229 -229.9	5
Mile 230 - 239.9	11	Mile 230 - 239.9	0
> Mile 240	0	> Mile 240	0
North Total	2094	South Total	1700

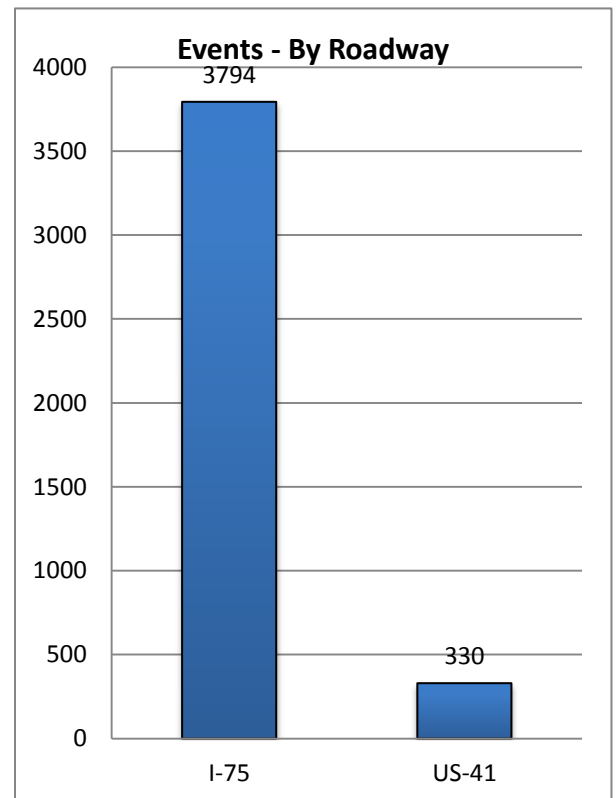
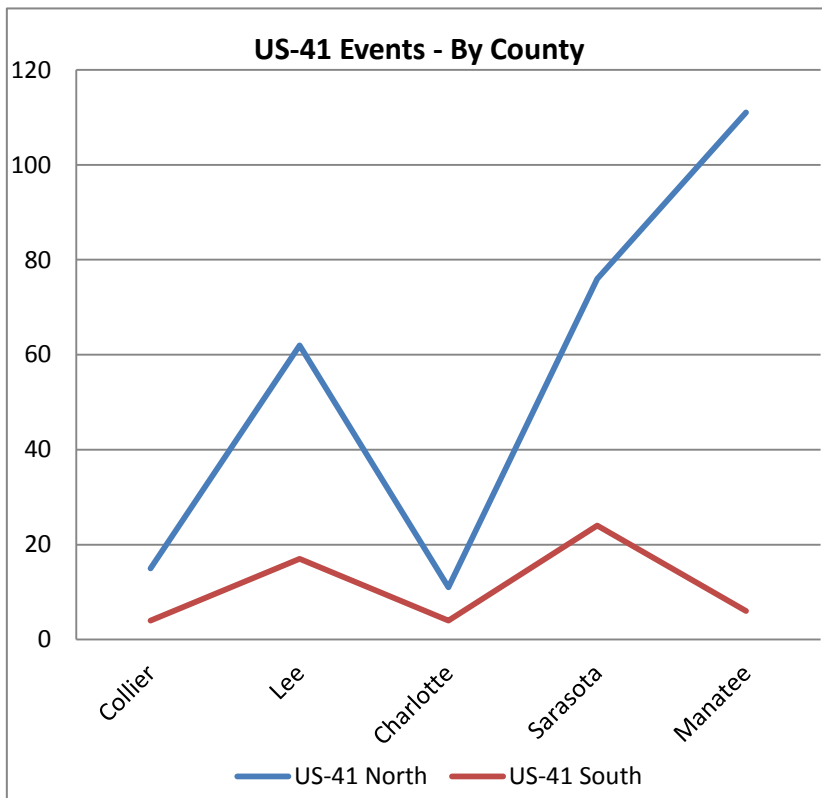
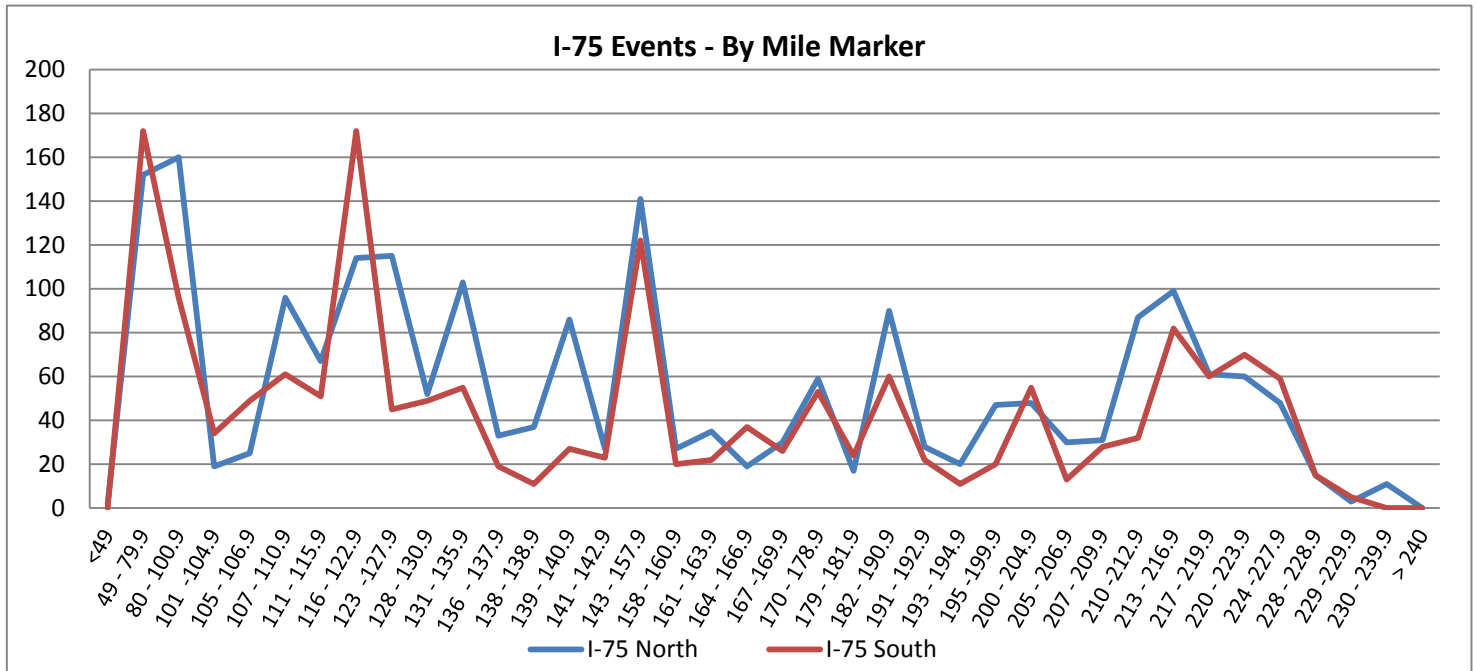
US-41 Northbound	
Collier	15
Lee	62
Charlotte	11
Sarasota	76
Manatee	111
North Total	275

US-41 Southbound	
Collier	4
Lee	17
Charlotte	4
Sarasota	24
Manatee	6
South Total	55

Total Events on US-41	
330	

Total Events on I-75	
3794	

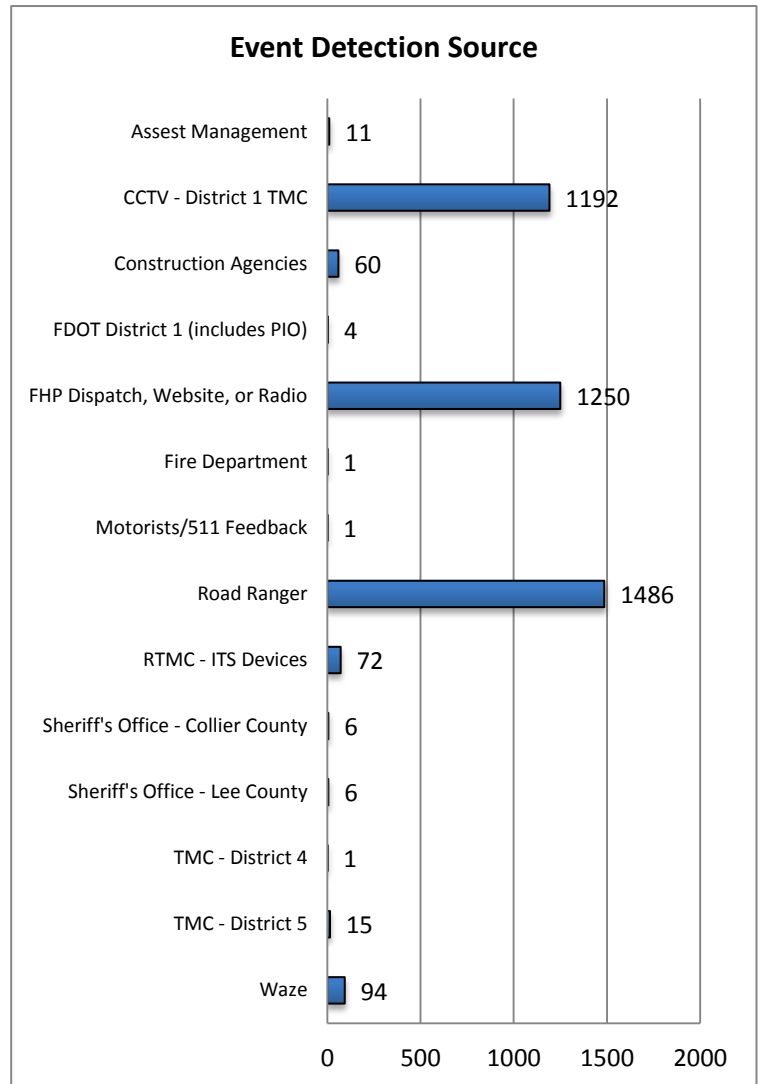
Note: The charts for these tables appear on the following page.





16. Event Detection Source:

Assest Management (includes Dbi & ICA)	11	0.3%
CCTV - District 1 TMC	1192	28.4%
CCTV - Other	0	0.0%
Construction Agencies	60	1.4%
County and Local Law Enforcement	0	0.0%
Emergency Operations Center	0	0.0%
Emergency Operations Center-Lee	0	0.0%
FDOT District 1 ITS Managers	0	0.0%
FDOT District 1 (includes PIO)	4	0.1%
FDOT Maintenance	0	0.0%
FHP Dispatch, Website, or Radio	1250	29.8%
FHP Incident Alerts	0	0.0%
Fire Department	1	0.0%
HazMat/DEP	0	0.0%
MCCO	0	0.0%
Media	0	0.0%
Motorists/511 Feedback	1	0.0%
Other	0	0.0%
Other Airport	0	0.0%
Other Field Personnel	0	0.0%
Road Ranger	1486	35.4%
RTMC - ITS Devices (TSS & Safety Barrier)	72	1.7%
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	6	0.1%
Sheriff's Office - Lee County	6	0.1%
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	15	0.4%
TMC - District 7	0	0.0%
TMC - Other Districts	0	0.0%
Tow Truck Companies	0	0.0%
Traffic Engineering	0	0.0%
Waze	94	2.2%
Total Number of Incidents	4199	100.0%



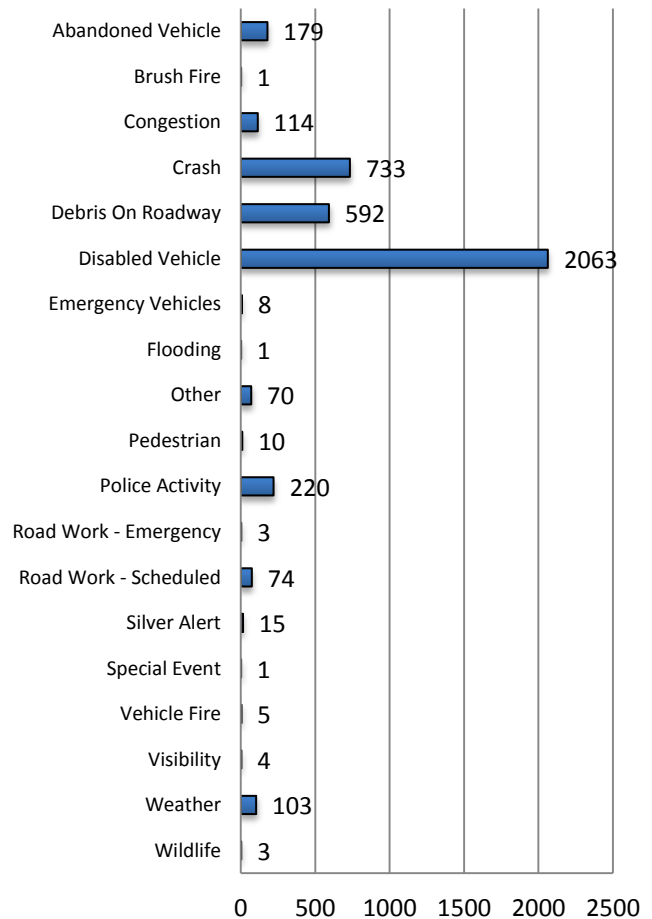
Note: Event Detection Source Categories listed as zero are not included in the above chart.



17. Event Type Summary

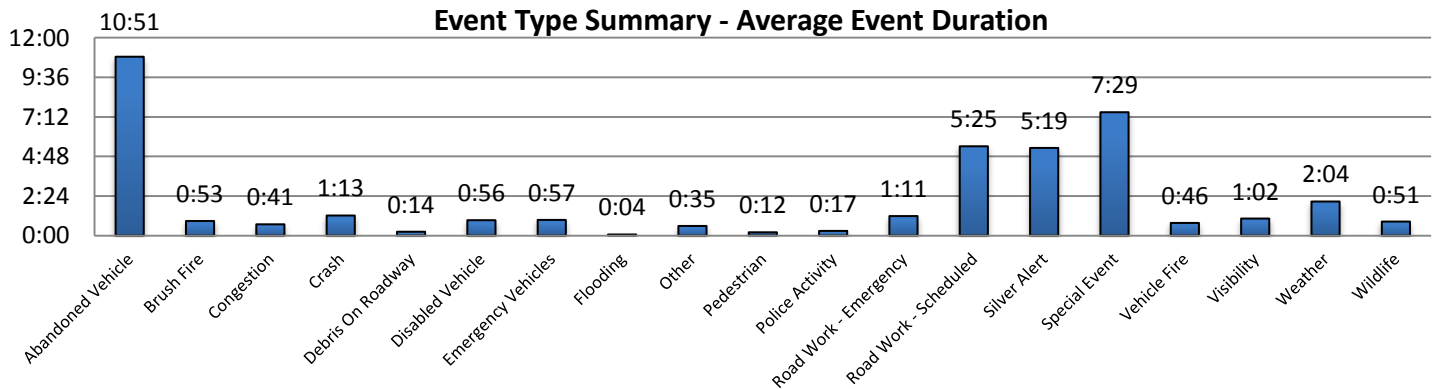
Event Types	# of Events	Average On Scene Time	Average Event Duration
Abandoned Vehicle	179	2:47	10:51
Amber Alert	0	0:00	0:00
Bridge Work	0	0:00	0:00
Brush Fire	1	0:00	0:53
Congestion	114	0:00	0:41
Crash	733	0:56	1:13
Debris On Roadway	592	0:09	0:14
Disabled Vehicle	2063	0:24	0:56
Emergency Vehicles	8	0:54	0:57
Evacuation	0	0:00	0:00
Flooding	1	0:00	0:04
Interagency Coord.	0	0:00	0:00
LEO Alert	0	0:00	0:00
Other	70	0:05	0:35
Pedestrian	10	0:08	0:12
Police Activity	220	0:14	0:17
PSA	0	0:00	0:00
Road Work - Emergency	3	1:03	1:11
Road Work - Scheduled	74	0:06	5:25
Silver Alert	15	0:24	5:19
Special Event	1	0:00	7:29
Vehicle Fire	5	0:20	0:46
Visibility	4	0:13	1:02
Weather	103	0:04	2:04
Wildlife	3	0:50	0:51
Total Events	4199	0:27	2:09

Event Type Summary - By Event Type



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

Event Type Summary - Average Event Duration





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

*RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

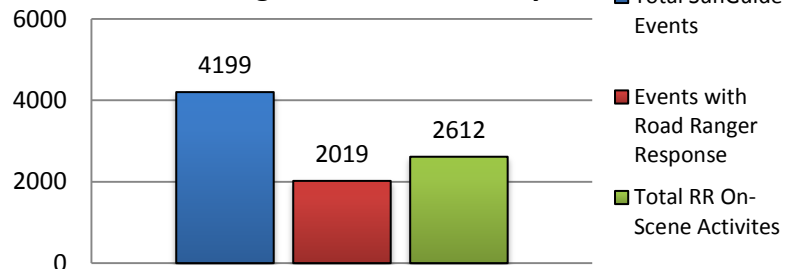
Sunday Road Rangers			
RR103	MM 49-80	RR111	MM 167-193
RR104	MM 80-105	RR113	MM 210-230
RR105	(Spare Truck)	RR112	MM 224-230
RR106	MM 105-123		I-275 MM 0-13
RR109	MM 143-170	*RR113	I-275 MM 0-13

*RR 113 covers I-275 until 11 AM when RR112 arrives for District 7

18. Road Ranger Assists Summary

Total SunGuide Events	4199
Events with Road Ranger Response	2019
Total RR On-Scene Activities	2612
Average Activities/Assisted Event	1.29
% of Events Assisted	48.08%

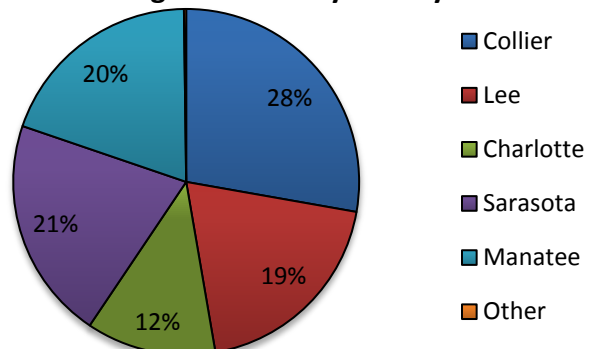
Road Ranger Assists - Summary



19. Road Ranger Events By County:

District 1 Counties	Road Ranger Events
Collier	662
Lee	465
Charlotte	289
Sarasota	496
Manatee	466
Other	5
Totals	2383

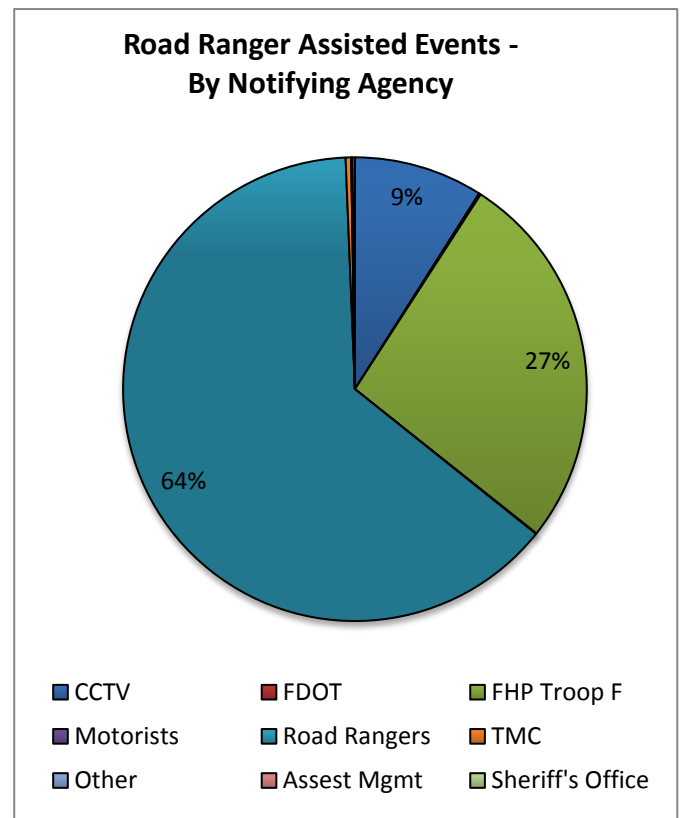
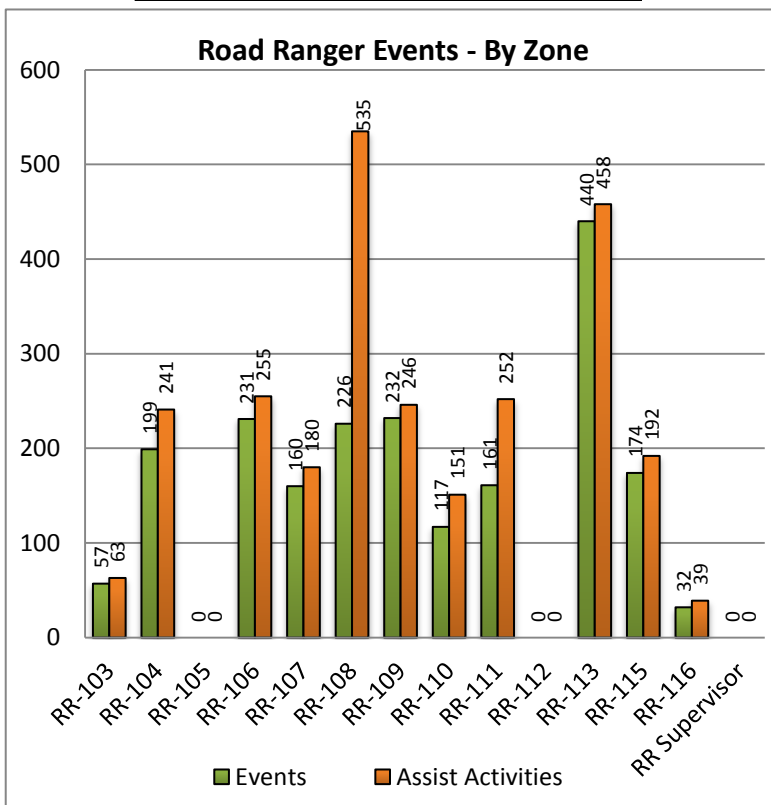
Road Ranger Events - By County





20. Road Ranger Events - By Zone:		
Road Ranger Zones	Road Ranger Events	Assist Activities
RR-103	57	63
RR-104	199	241
RR-105	0	0
RR-106	231	255
RR-107	160	180
RR-108	226	535
RR-109	232	246
RR-110	117	151
RR-111	161	252
RR-112	0	0
RR-113	440	458
RR-115	174	192
RR-116	32	39
RR Supervisor	0	0
Totals	2029	2612

21. Road Ranger Assisted Events - By Notifying Agency:		
Notifying Agency	Number of Events	% of Events
CCTV	210	8.8%
FDOT	3	0.1%
FHP Troop F	620	26.0%
Motorists	1	0.0%
Road Rangers	1485	62.3%
TMC	9	0.4%
Other	2	0.1%
Assesst Mgmt	4	0.2%
Sheriff's Office	0	0.0%
Waze	49	2.1%
Totals	2383	100.0%

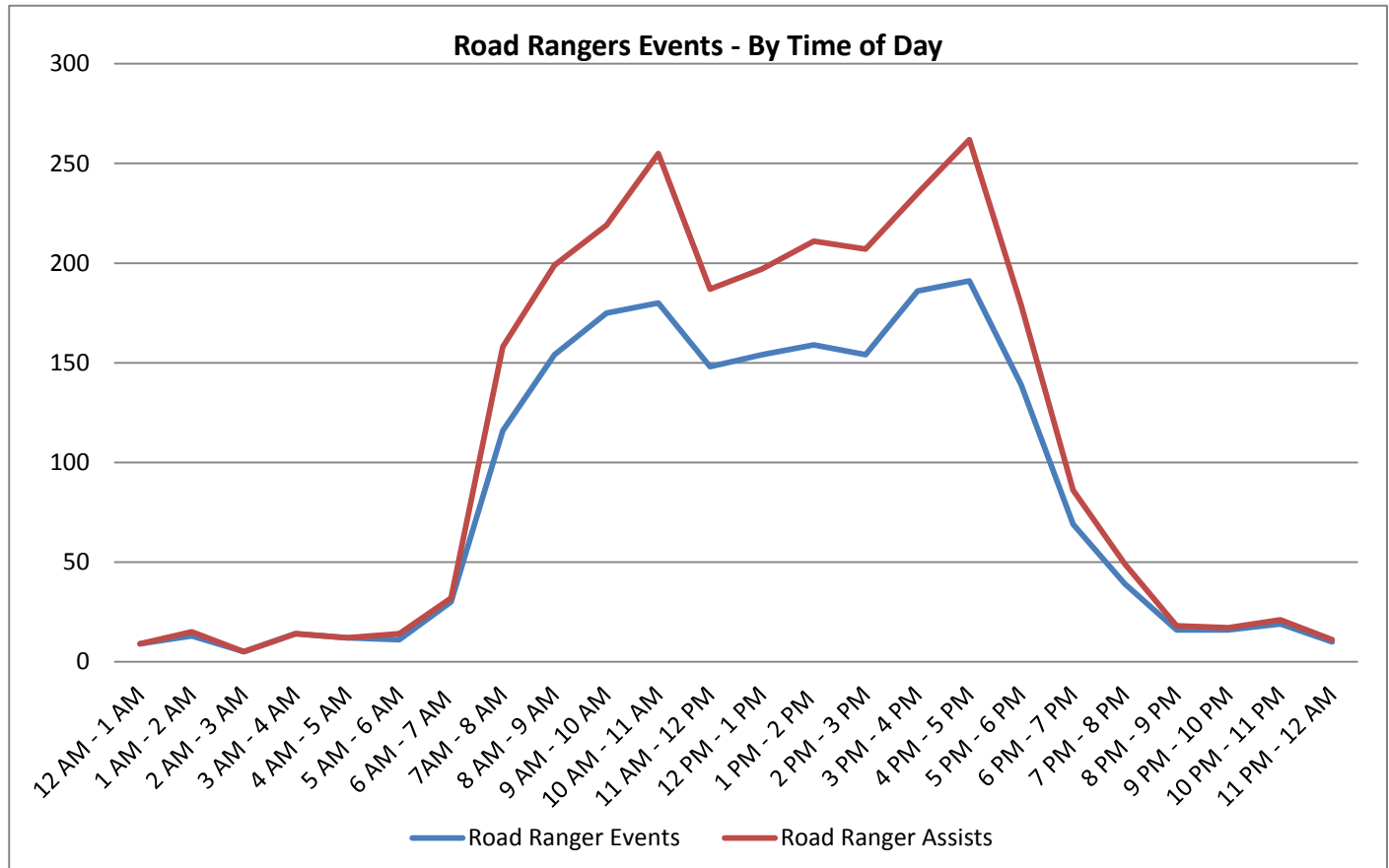




**22. Road Ranger Assisted Events -
By Time of Day:**

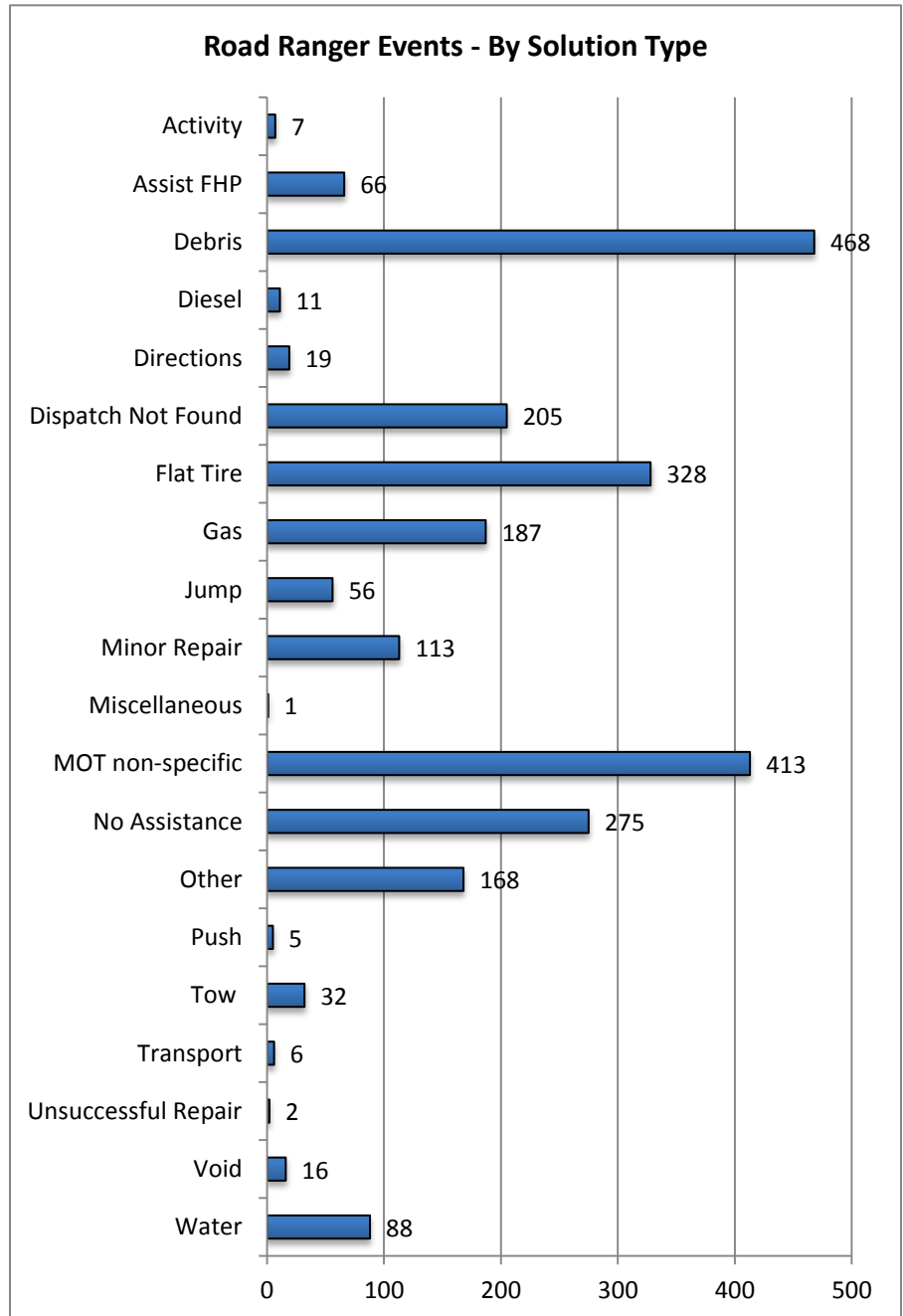
Time of Day	RR Events	RR Assists
12 AM - 1 AM	9	9
1 AM - 2 AM	13	15
2 AM - 3 AM	5	5
3 AM - 4 AM	14	14
4 AM - 5 AM	12	12
5 AM - 6 AM	11	14
6 AM - 7 AM	30	32
7 AM - 8 AM	116	158
8 AM - 9 AM	154	199
9 AM - 10 AM	175	219
10 AM - 11 AM	180	255
11 AM - 12 PM	148	187

Time of Day	RR Events	RR Assists
12 PM - 1 PM	154	197
1 PM - 2 PM	159	211
2 PM - 3 PM	154	207
3 PM - 4 PM	186	235
4 PM - 5 PM	191	262
5 PM - 6 PM	139	179
6 PM - 7 PM	69	86
7 PM - 8 PM	39	49
8 PM - 9 PM	16	18
9 PM - 10 PM	16	17
10 PM - 11 PM	19	21
11 PM - 12 AM	10	11
Totals	2019	2612





23. Road Ranger Events - By Solution Type:	
Problem Type	# of Assists
Abandoned	145
Absorbant	0
Activity	7
Assist FHP	66
Bleach	0
Cold Patch Asphalt	0
Debris	468
Deploy Cones	0
Diesel	11
Directions	19
Dispatch Not Found	205
Flare	0
Flat Tire	328
Flood Lamp	0
Gas	187
Jump	56
Livestock	0
Lockout	0
Minor Repair	113
Miscellaneous	1
MOT non-specific	413
No Assistance	275
Oil	0
Other	168
Phone	1
Portland Cement	0
Push	5
Radio	0
Tow	32
Translate	0
Transmission Fluid	0
Transport	6
Turbo Flare	0
Unsuccessful Repair	2
Void	16
Water	88
Wildlife	0
Total Assist Activities	2612



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