



PALM BAY FIRE RESCUE

MONTHLY DATA REPORT

JANUARY

The fire department tracks calls that occur simultaneously and calls that occur concurrently.

Simultaneous calls are categorized as multiple (more than one) calls that occur in a station's response zone requiring another unit from another response zone to handle the other emergency.

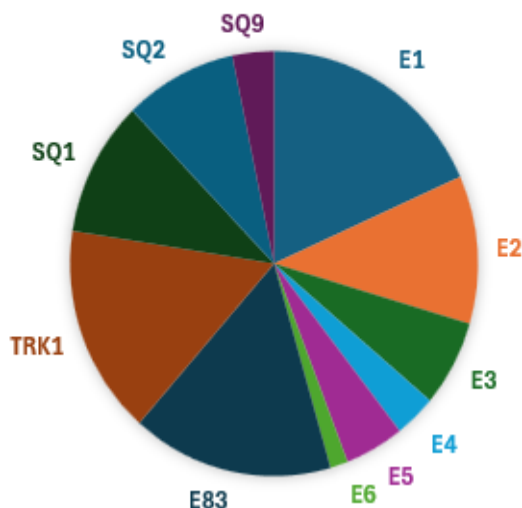
Concurrent calls are categorized as calls that occur in two (2) separate station response zones, simultaneously, which create a larger area unprotected until both units are cleared from their respective emergencies.

January Stats

On Average, 19% of the month, Palm Bay Fire Rescue units are on simultaneous calls

On Average, 9% of the month, Palm Bay Fire Rescue units are unavailable due to being committed on a call for service.

MONTHLY SIMULTANEOUS AVERAGES



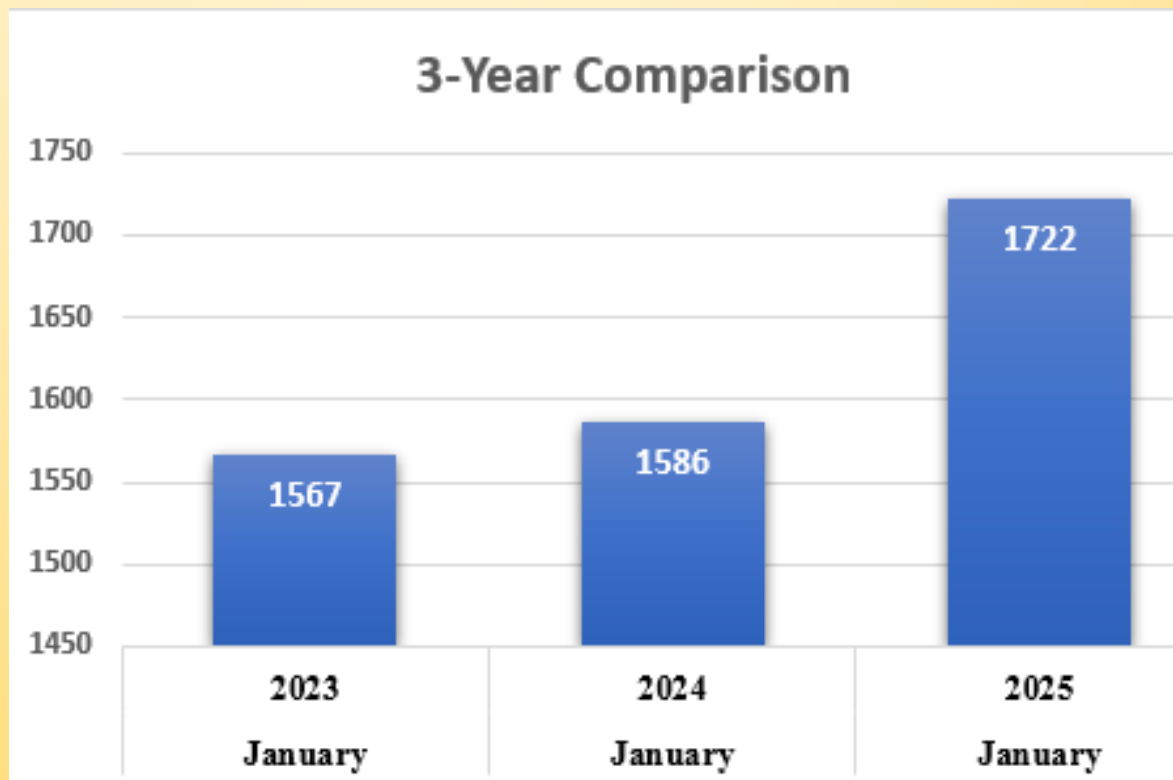
The chart to the left shows a monthly average of units on simultaneous calls.

Monthly Concurrent Call data: (Averages)

188 Concurrent Calls this Month
6 Concurrent Calls a Day
12% of Monthly Call Volume are Concurrent Calls

Response Comparison from the Past 3-Years

January– Emergency Incidents	2023	2024	2025
Fire – Structure/Vehicle	12	10	14
Fire - Brush	20	5	13
EMS Calls	992	990	1084
Hazardous Conditions	10	10	16
Service Call	179	211	192
Good Intent Call	241	238	275
Fire Alarm & False Alarm	73	112	115
Dispatch Error Calls	40	10	13
Total	1567	1586	1722

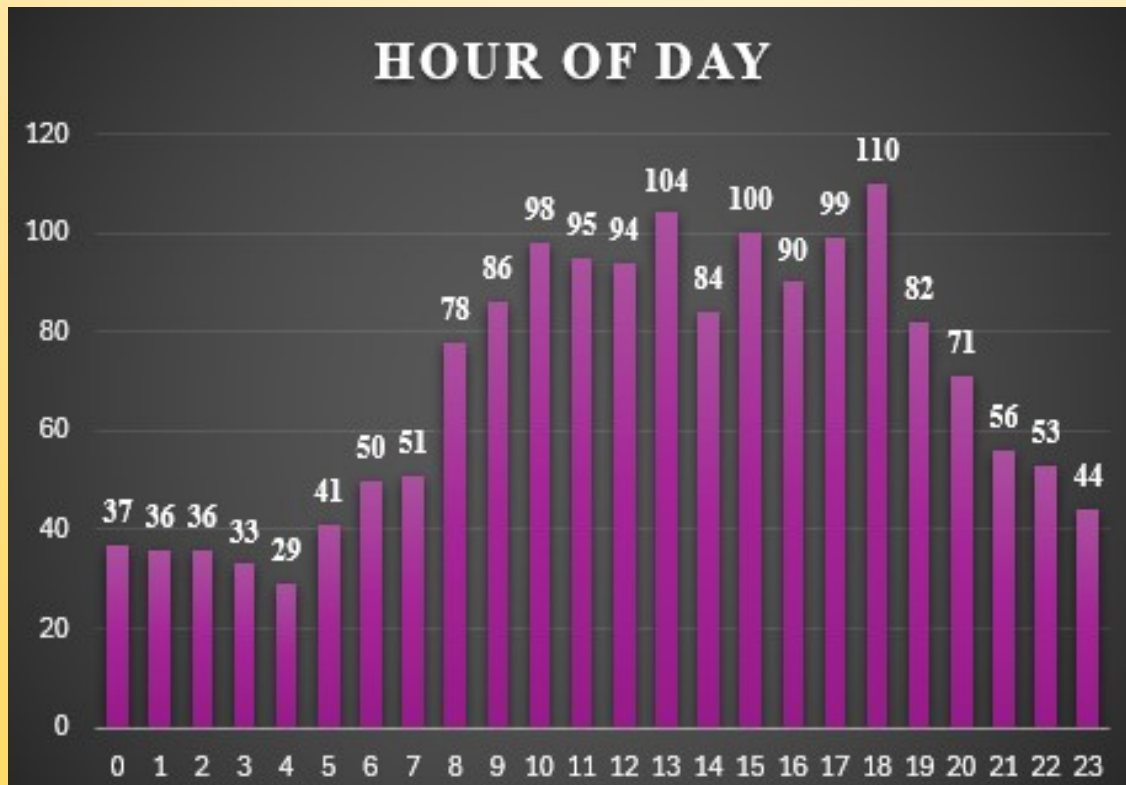
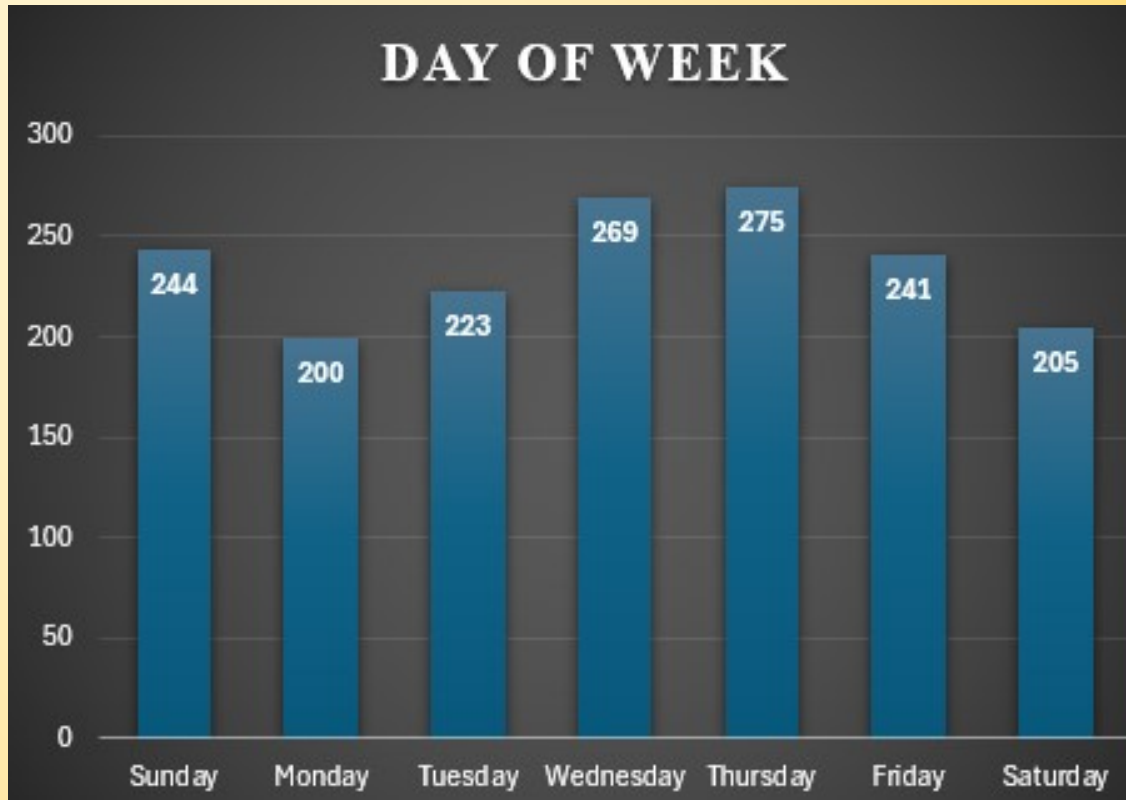


There has been a **8.5%** increase in call volume from last year this time (comparing January 2024 calls to January 2025 calls).

Day of the Week/Hour of the Day

This section of the report shows the monthly call volume for the days of the week and the hours of the day. This data shows patterns in the calls for service throughout the week. Operational personnel can see from this information the day of the week with the most calls and what hour of the day that most calls occur.

From this months data: **Most calls occurred on Thursdays and at 1800 hours (6 PM)**



Unit Response Information

Unit Turnout Time

1-01-2025 to 1-31-2025	Turnout Time Minutes/ Seconds
Apparatus Name	
E1	1:36
E2	1:18
E3	1:20
E4	1:33
E5	1:34
E6	1:36
S1	1:37
S2	1:37
S9	:29
TRK1	1:26

Unit Response Time

1-01-2025 to 1-31-2025	Response Time Minutes/Seconds
Apparatus Name	
E1	5:27
E2	5:29
E3	5:01
E4	5:44
E5	6:38
E6	6:19
S1	6:07
S2	5:02
S9	6:37
TRK1	5:37

- National Standard is 60 seconds (1-minute) for EMS and 80 seconds (1-minute 20 seconds) for Fire.
- National Standard is 240 seconds (4-minutes). This equates to a Total Response time of 5-minutes for EMS and 5-minutes and 20-seconds for a Fire.
- Longer response times from E4 and E5 are reflective of the long distances for I95 incidents

Turnout Times (Averages): **1:26** – Travel Times (Averages): **5:44** = **7:10 Total Response Time**

Total Minutes/Hours on Calls per Month

Average on Scene Times (mm:ss) — **26:23**

Responses by Apparatus

E1	174
E2	146
E3	229
E4	200
E5	189
E6	179
TRK1	68
SQ1	286
SQ2	210
SQ9	40

E83 Responses = 95

Total Minutes on Calls per Unit - January 2025

Apparatus	January	Hours
E1	2,949.10	49.15
E2	2,197.60	36.63
E3	3,668.27	61.14
E4	3,749.85	62.50
E5	3,792.93	63.22
E6	3,058.73	50.98
E83	1,952.38	32.54
TRK1	832.67	13.88
SQ9	788.25	13.14
SQ1	6,057.90	100.97
SQ2	4,201.78	70.03
	33,249.46	554.16
Station 1	164 Hours	
Station 2	107 Hours	
Station 3	61 Hours	
Station 4	63 Hours	
Station 5	63 Hours	
Station 6	51 Hours	
Station 9	13 Hours	

This represents total time on scene of an incident. This does not reflect Brush Units or Tenders which have longer on scene times due to extensive brush firefighting operations.

Total Minutes for Units on Calls (33,250) is 75% of the Total Minutes in January (44,640)

SQUAD 9

MONTHLY OPERATIONAL

UPDATE

SUMMARY

This report is a continual evaluation on the performance of Squad 9 during the daytime operational period. This report reflects monthly data gathered. The data gathered in this report tracks call volume and response times for the area designated for Fire Station 9. This information will be utilized to ensure that the department is achieving goals and objectives for providing optimal services to the community, especially in this rapidly growing section of Palm Bay.

By implementing Squad 9 during the daytime, Engine 4 has availability in their primary response zone to handle calls with reduced response times. Prior to Squad 9, if an incident occurred in the area designated for Fire Station 9, Engine 4 would respond from further away thereby vacating their primary response zone which would then be covered by either station 5 or 6 with longer response times. The overarching goal is to reduce response times so that fire service actions and continuity can be performed quickly during an emergency event.

TRAVEL TIME COMPARISON

Since the implementation of Squad 9 in Fire Station 9's proposed response zone, there has been a reduction of travel times into the areas originally handled by Engine 4 with extensive travel times. Squad 9 went into operation starting September 23. The squad only operates from the 0700 to 2000 (7 AM to 8 PM). This is a daytime unit but is resulting in response data to review for preliminary estimates on the travel times for Fire Station 9's response zone proposed by staff.

Engine 4 has been the primary and closest Palm Bay Fire Rescue unit that responded to this portion of the city. This area is designated as response Districts 10 (southern portion), 12, 13, and I-95 South. The average travel time for Engine 4 prior to September 23, 2024, was 9 – 12 minutes. Due to an increase in call volume to this area of the city, the fire department placed Squad 9 in service during the daytime to help with reducing the travel time for a first response ALS unit. Engine 4 is currently still responding to this area as the primary fire suppression unit for incidents, such as, vehicle accidents on I-95, structure fires, brush fires, and fire alarms. Engine 4 is also part of the Automatic Aid response to incidents in Grant-Valkaria and Micco.

Squad 9 Response Information

The information on this page shows the December stats on Squad 9. The implementation and deployment of this unit has decreased response times to Districts 10, 12, 13, and I-95 while also capturing data to justify the need for Fire Station 9. This unit is only staffed for a short duration of the day to help assist with call volume trends during the daytime.

Unit Turnout Time (Average)

:29

Unit Response Time (Average)

6:40

- *National Standard is 60 seconds (1-minute) for EMS and 80 seconds (1-minute 20 seconds) for Fire.*
- *National Standard is 240 seconds (4-minutes). This equates to a Total Response time of 5-minutes for EMS and 5-minutes and 20-seconds for a Fire.*

7:09 Total Response Time

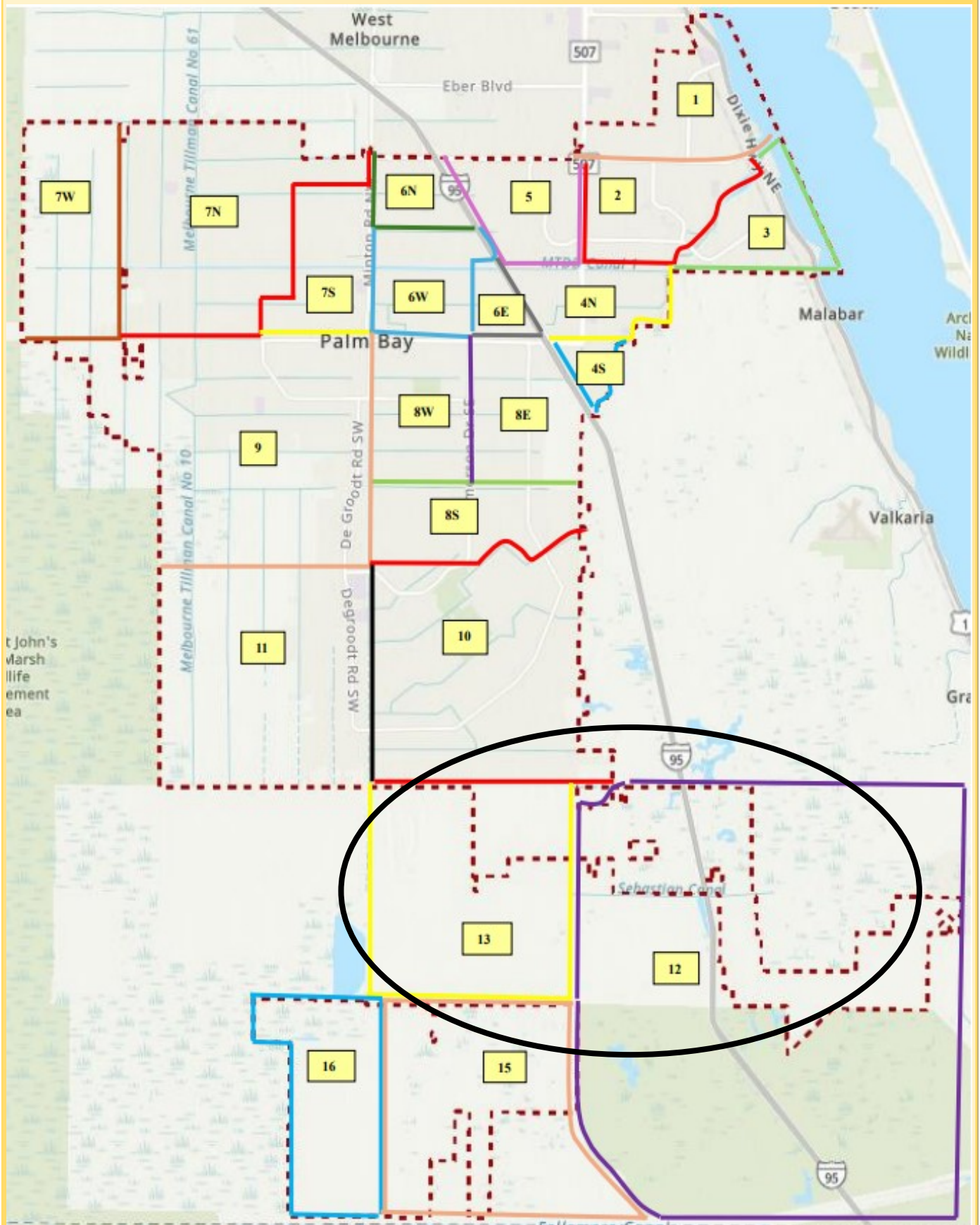
Average on Scene Times (mm:ss) — 21:09

Total Minutes/Hours on Calls per Month = 788 minutes /13 hours

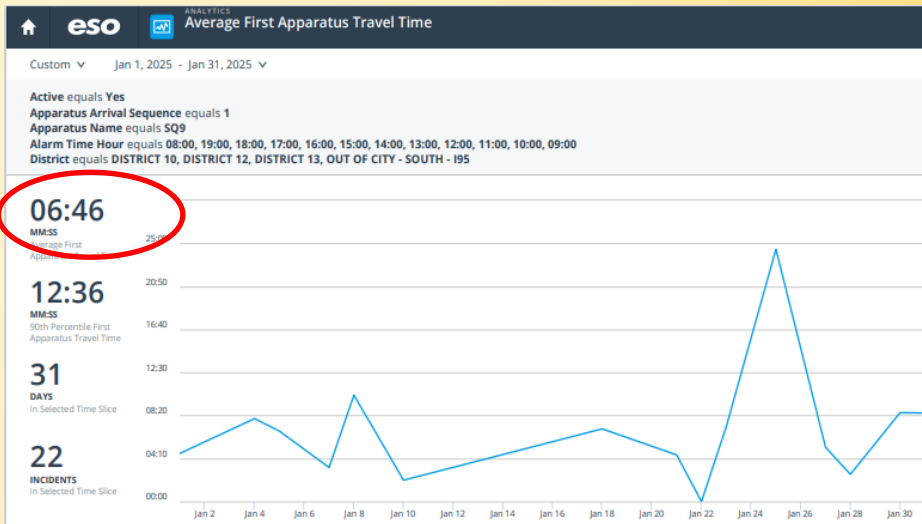
Incident Response Calls:

- **Structure Fire (2)**
- **EMS (26)**
- **Public Assist (4)**
- **Fire Alarm (1)**

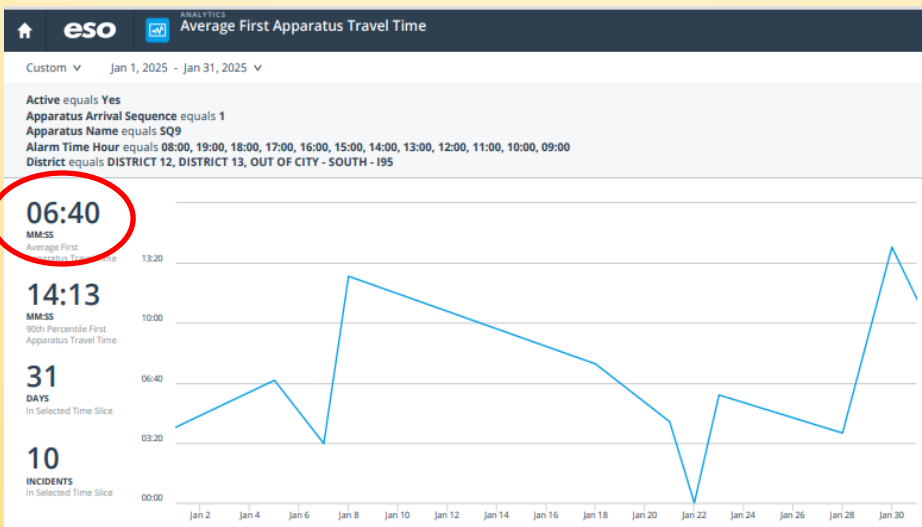
SQ9 assists the closest Engine Company on fires by providing personnel for tactical deployment.



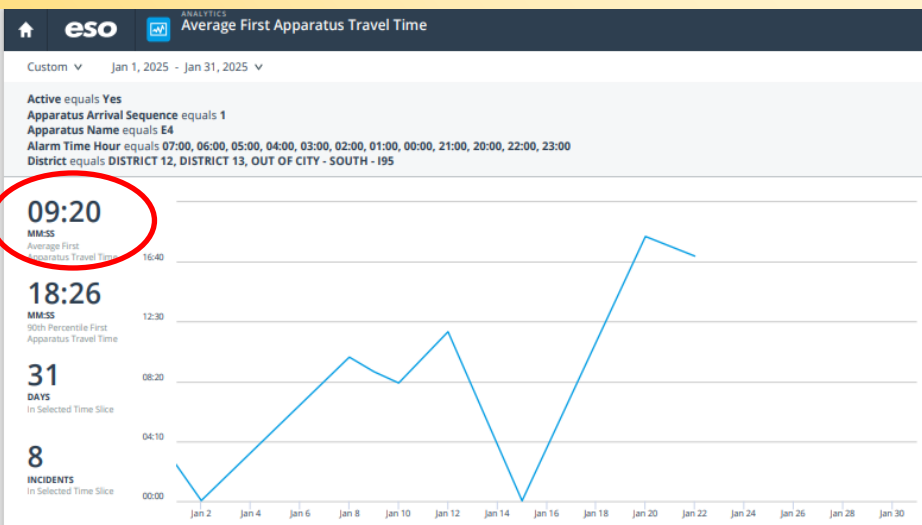
SQUAD 9 DAYTIME TRAVEL TIMES TO DISTRICTS 10, 12, 13 and I-95



SQUAD 9 DAYTIME TRAVEL TIMES TO DISTRICTS 12, 13 and I-95

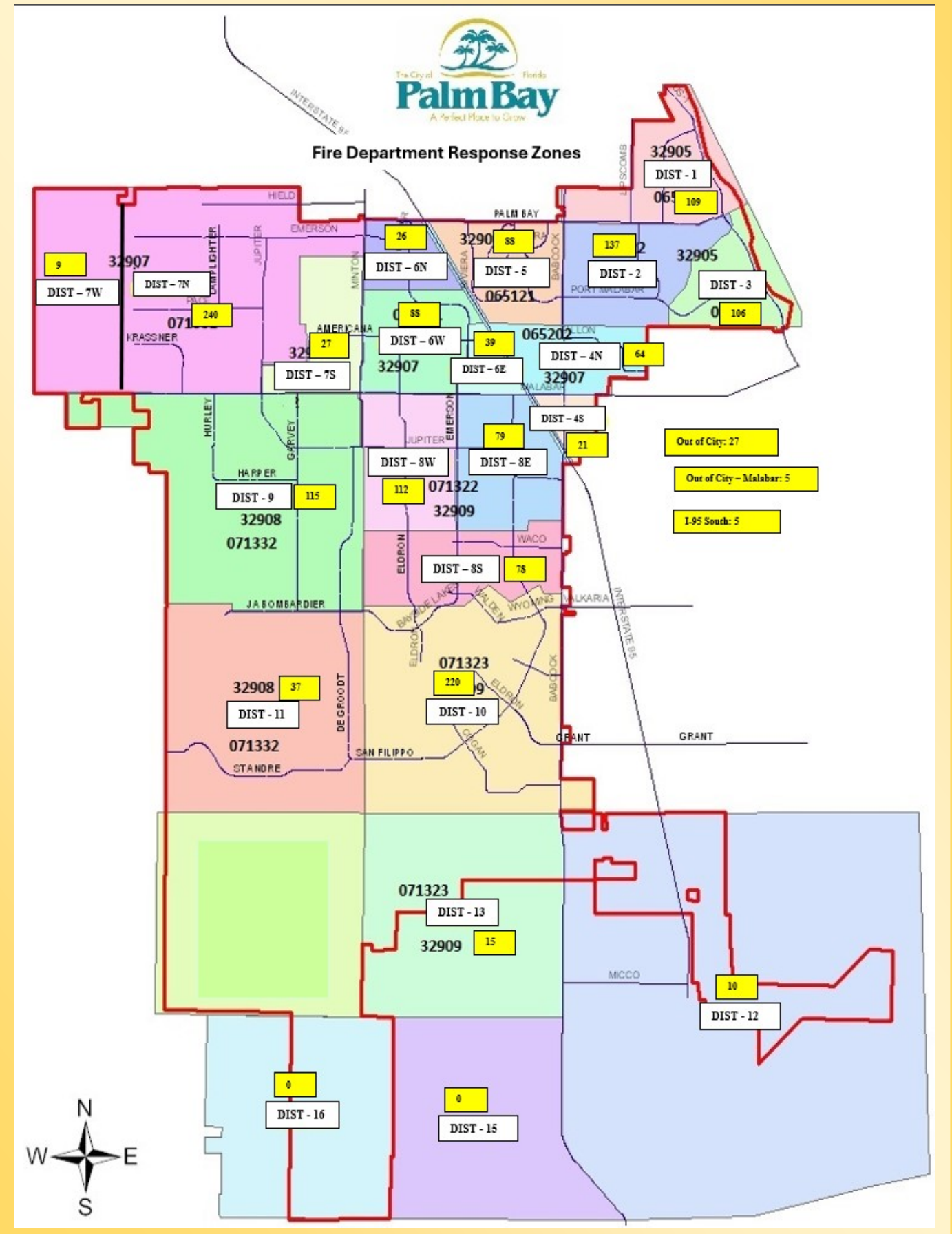


ENGINE 4 EVENING RESPONSES TO STATION 9 AREA



Calls by Response Districts

This map shows a breakdown of the monthly incidents by response districts in the city and areas responded to outside of the city.



Fire Prevention Bureau

Fire Safety Inspections

Occupancy Type	# of Inspections	Violations Cited	Violations Cleared	Violations Remaining	Occupant Sq. Ft.
Ambulatory Health Care					
Alarm System (Includes Follow-Up)					
Apartment Buildings	10				152,220
Assembly Occupancies	6				14,774
BTR	1				130
Business Occupancies	106				114,613
Change of Use					
Common Area	10				107,971
Complaint	4				51,356
Day-Care Occupancies	4				29,141
Educational Occupancies	8				156,806
Fire Pump					
Fire Watch					
Food Truck					
Health Care Occupancies					
High Hazard					
Hotels and Dormitories					
Industrial Occupancies	9				87,188
Kitchen Hood System					
Mercantile Occupancies	14				43,241
New Business					
Private Hydrant/Service Mains					
Re-inspect	111				2,012,554
Residential Board and Care Occupancies	9				20,847
Special Amusement	2				108,044
Sprinkler System (Includes Extinguishers)					
Storage Occupancies	15				159,826
Vacant	20				25,597
Total	329	98	14	84	3,084,308

Public Education

Elderly Community Outreach Events

January 7	Conducted a presentation for the Aging Matters Seniors at Lunch program at the Captains House on Checking for Safety and Fall Prevention. A handout of the presentation was provided to participants.
January 21	Conducted a safety presentation for the residents of the Glenbrooke Assisted Living Facility on Checking for Safety and Fall Prevention. A handout of the presentation was provided to the participants.

Public Fire Education

Education Events

LOCATION	DESCRIPTION	# of PARTICIPANTS	STATION
1/4—Fire Station 4	Boy Scouts Tour and Flag Ceremony	20 People	Station 4 Crew
1/7—1070 Emerson Dr NE	Touch a Truck at Doorway to Learning	35 Kids	Station 2 Crew
1/8—3232 Westminster Ave	Smoke Alarm Installation	Elderly Citizens	Station 4 Crew
1/10—1785 Eldron Blvd	Big Truck Event at PCA Bayside	250 Kids	Station 6 Crew
1/17—1685 Fallon Blvd	Birthday Party Drive-By	Kids Party	Station 1 Crew
1/18—3490 Bayside Lakes Blvd	Ribbon Cutting at Bayside Dunkin Re-Opening	Community	Station 6 Crew
1/27—1540 Skipper Way	Fire Safety Event at Panther Bay FIT College	FIT College Students	Station 1 Crew
1/28—351 Riviera Dr	Water Safety (Basic CPR) at Riviera Elementary	Students	Station 1 Crew
1/28—1200 Allamanda Rd	Palm Bay Elementary Literacy Day Classroom Reading	Students	Valerie
1/30—1300 Bianca Dr NE	Glenbrooke Blood Pressure Checks	Glenbrooke Community	Valerie

Fire Rescue Logistics Division

The Logistics Division provides the necessary operational support to all firefighting personnel. Throughout the month there are continual orders processed for station supplies, EMS supplies, uniforms, and various additional items. Below is this months processed orders through the Logistics Division.

Standard EMS Orders (Restock/Processed)	16
Standard Janitorial Orders (Restock/Processed)	7
Additional Requests Processed	34
Uniform Orders (Restock/Processed)	28
SWAT Related	0

Additionally, logistics tracks the EMS Consumables utilized on emergency incidents as part of an exchange program with BCFR.

Consumables	Details
ALBUTEROL 2.5mg, each	21 Used
Atrovent 0.5mg	7 Used
Back Board Straps, pkg of 4	3 Used
Blue Latex-Free IV Tourniquet	33 Used
BVM - Adult, each	7 Used
Capnography FLT set CO2 Adult/Pedi w/Orange Tip	2 Used
C-Collar- Adult	9 Used
CPAP Mask, Adult, each	2 Used
D10 (Dextrose 10% 250ml bags)	3 Used
D50 50% 25G/50ml, each	1 Used
Defib Combo Pads, Adult, each	8 Used
Electrodes, Adult, each	90 Used
EPINEPHRINE 1:10,000 1mg/10ml	5 Used
EPINEPHRINE 1:1000 1 ml, each	1 Used
ET Tube, 8.0mm, each	3 Used
EZ IO Stabilizer	1 Used
EZ-IO Adult, 25mm Needle (Blue), each	2 Used
EZ-IO, Large Adult, 45mm Needle (Yellow), each	3 Used
Glucagon Kit 1mg	2 Used
Glucose gel, Transcend strawberry	1 Used
Head Blocks	2 Used
I-GEL,#4,Green	4 Used
IV Administration Set SELECT-3, each	12 Used
IV Catheter, 18 gauge, each	22 Used
J Loop, each	49 Used
Mega Mover	3 Used
NARCAN 2mg/2ml, each	4 Used
Nasal Atomizer, each	2 Used
Nasal Cannula - Adult, each	19 Used
Nebulizer - mask, each	12 Used
Nebulizer, hand held, each	5 Used
Normal Saline, 1000ml, each	9 Used
Normal Saline, 10ml Flush, each	44 Used
Normal Saline, 250ml, each	3 Used
NRB Mask, Adult, each	22 Used
NRB Mask, Pedi, each	1 Used
O2 Tubing, each	2 Used
Pressure Infuser, each	3 Used
Rider for BCFR	9 Used
SODIUM BICARB 50meq, each	2 Used
Solumedrol 125mg	5 Used
Zofran 2mg	3 Used

Report Writing Reminders

Response District Accuracy

Please be accurate in including the exact Response District your incident occurs in. Every bit of information helps command staff with planning for the growth of the organization. Officers please review this updated district map and locate your primary and secondary response districts to see any changes. There is a new District 7W to assist in tracking incidents in the new development in the northwest. If you have any report writing questions, please contact your officer and follow the chain of command.

New Districts

