

Charlotte County FY24 MSBU Rates

Public Hearing

September 7, 2023



CHARLOTTE COUNTY
FLORIDA

Agenda

- Fire MSBU
- West Charlotte Stormwater MSBU
- Public Hearing
- Adopt MSBU Rates for FY23/24

Fire MSBU

Fire & EMS

Operational Plan



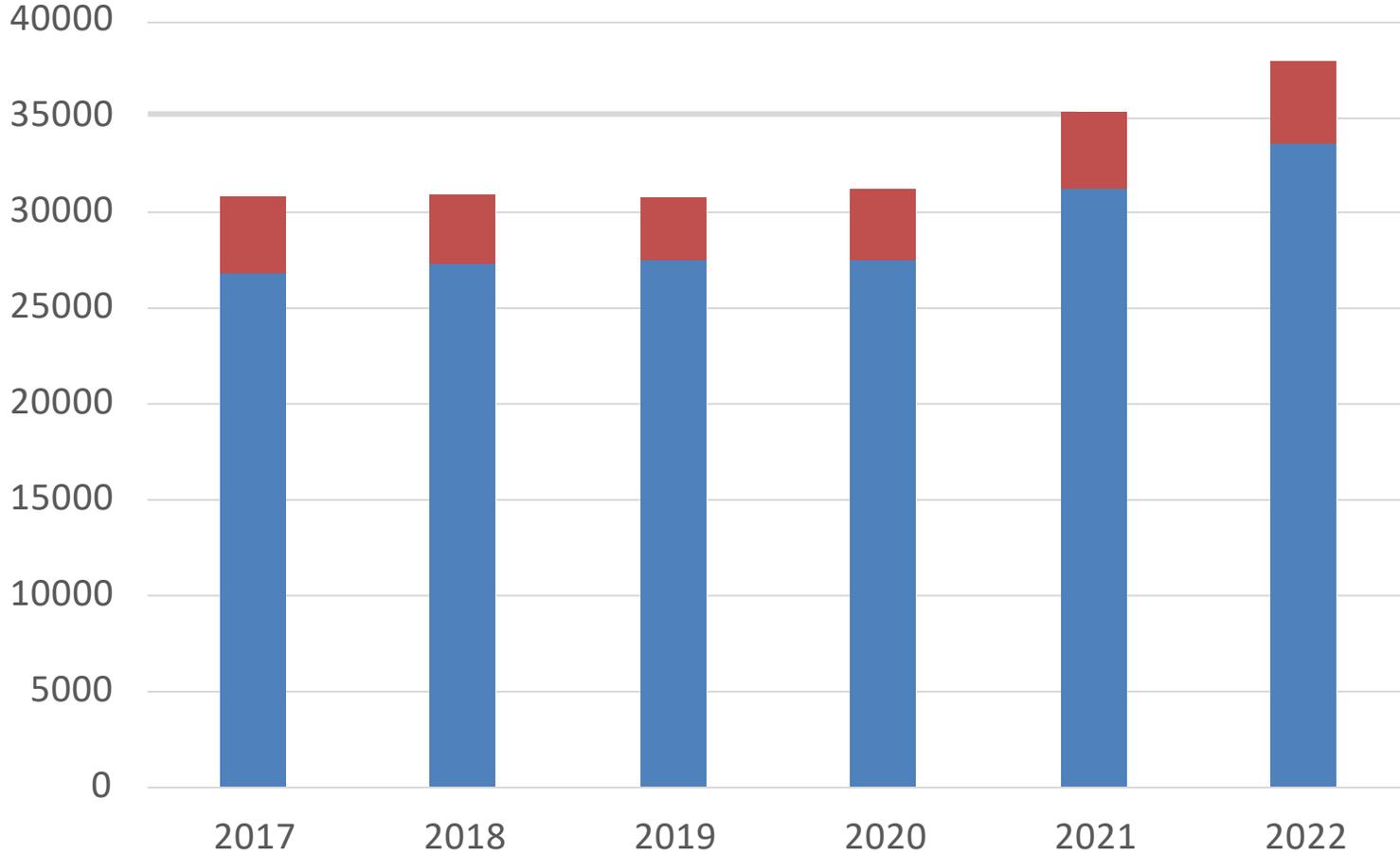


Charlotte County Fire/EMS

- All-Hazards Response
- Divisions in:
 - Operations
 - Training
 - Fire Prevention
 - Support Services
 - Emergency Vehicle Maintenance
- 277 Certified
- 22 Civilian Support
- 17 Fire Houses
- 37,868 Incidents

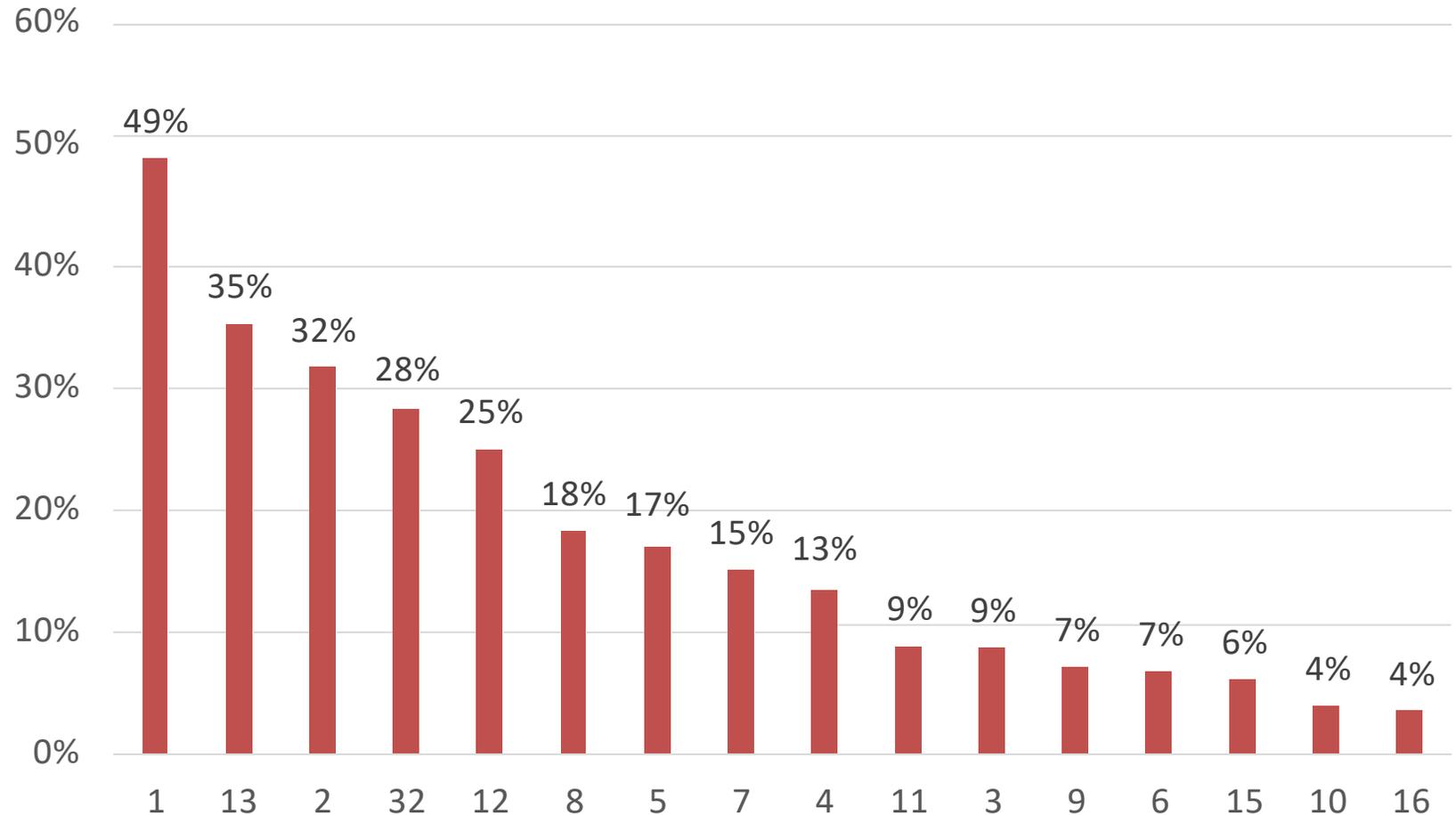
Service Demand

- 5 Year Increases
 - 18.4% Total Volume
 - 21% EMS Volume
- 2022 Numbers
 - 37,868 Total Incidents

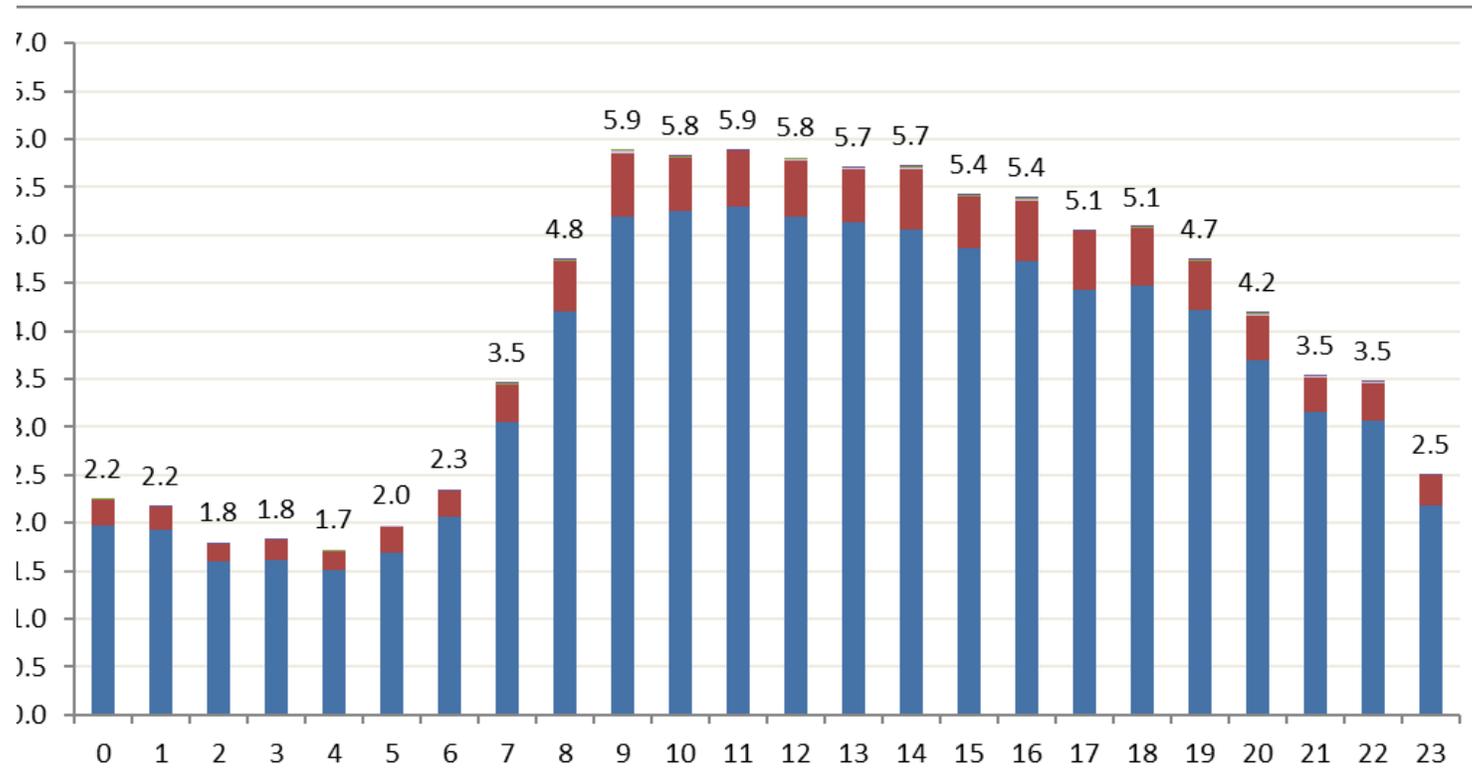


Peak Call Responses

- 2nd Call received in Zone
- Station 1 – 49%
- Station 13 – 35%
- Station 2 – 32%
- Rescue 32 – 28%



Temporal Distribution



- The community demand is at its peak between 8 am and 8 pm
- Generally, there is an average of ~6 calls per hour throughout the peak periods

Unit Hour Utilization

Station	Unit	Total Busy Hours	UHU
1	Rescue 1	2342.05	27%
32	Rescue 32	2273.14	26%
1	Rescue 10	2258.52	26%
2	Rescue 2	2122.50	24%
12	Rescue 12	2048.12	23%
13	Rescue 13	1866.06	21%
8	Rescue 8	1638.20	19%

- Best Practices would not have units exceed 30%
- IAFC Recommends 25% as a Planning Threshold

Response

- **Response Objective**

1. Emergency unit on scene as quickly as possible (Engine vs Rescue)
2. Advanced Life Support (ALS) on scene as quickly as possible (ALS vs BLS Engine)
3. Emergency Transport on scene as quickly as possible (Rescue)

Best response is all three at once

- **ALS Engine**

- Currently 11 of 14 total Engines are ALS
- Increasing Engine 3, 7 and 11 to ALS
- Closest Response with Advanced Life Support

- **10-12 Hour Rescue**

- 0800-1800 Highest Call Volume
- Unit Hour Utilization (UHU)
- System Reliability
- Call Concurrency

- **Officer on each Engine**

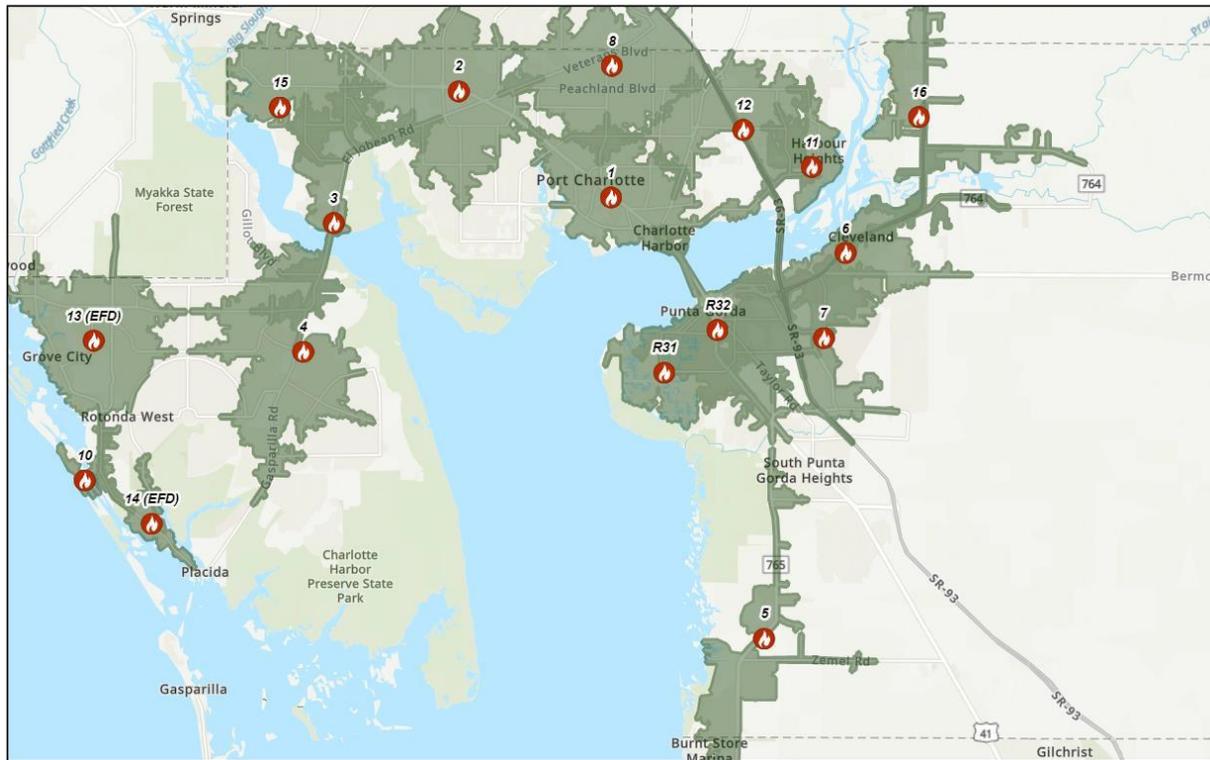
- Effective Response Force
- Safety
- Increased Supervision
- Span of Control

- **Engine Staffing of 3**

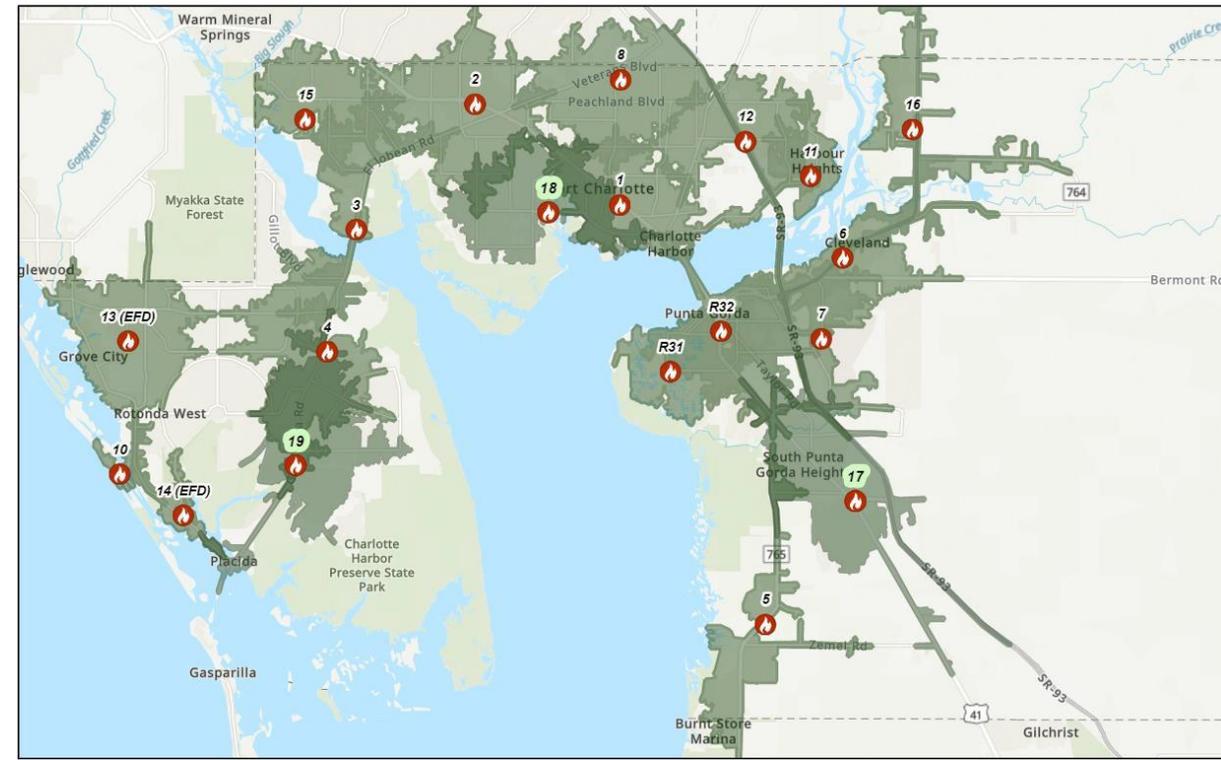
- Effective Response Force
- Safety
- Work Assignments
- Workload Capacity

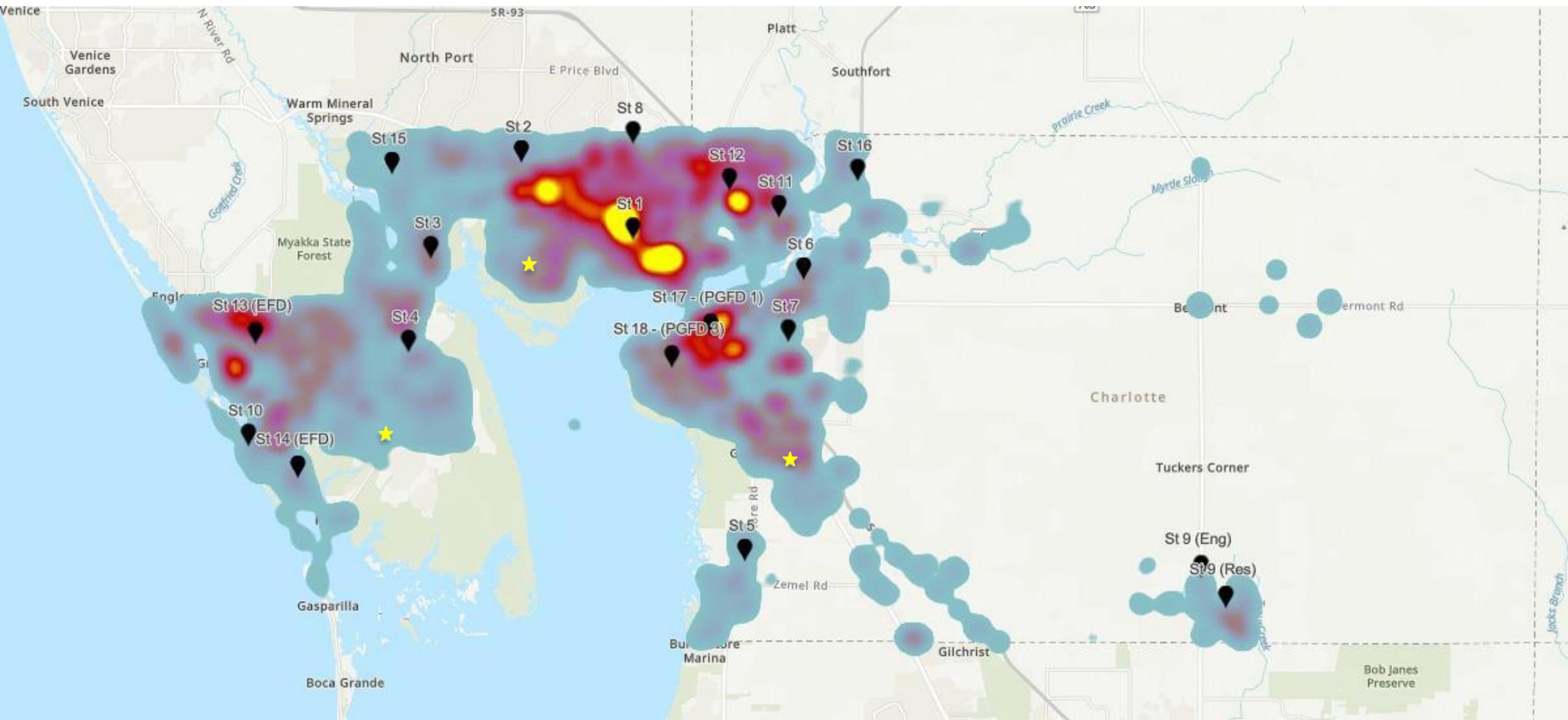
Geographical Drive Time Analysis – 6 Minute

Current Stations



3 Proposed Stations



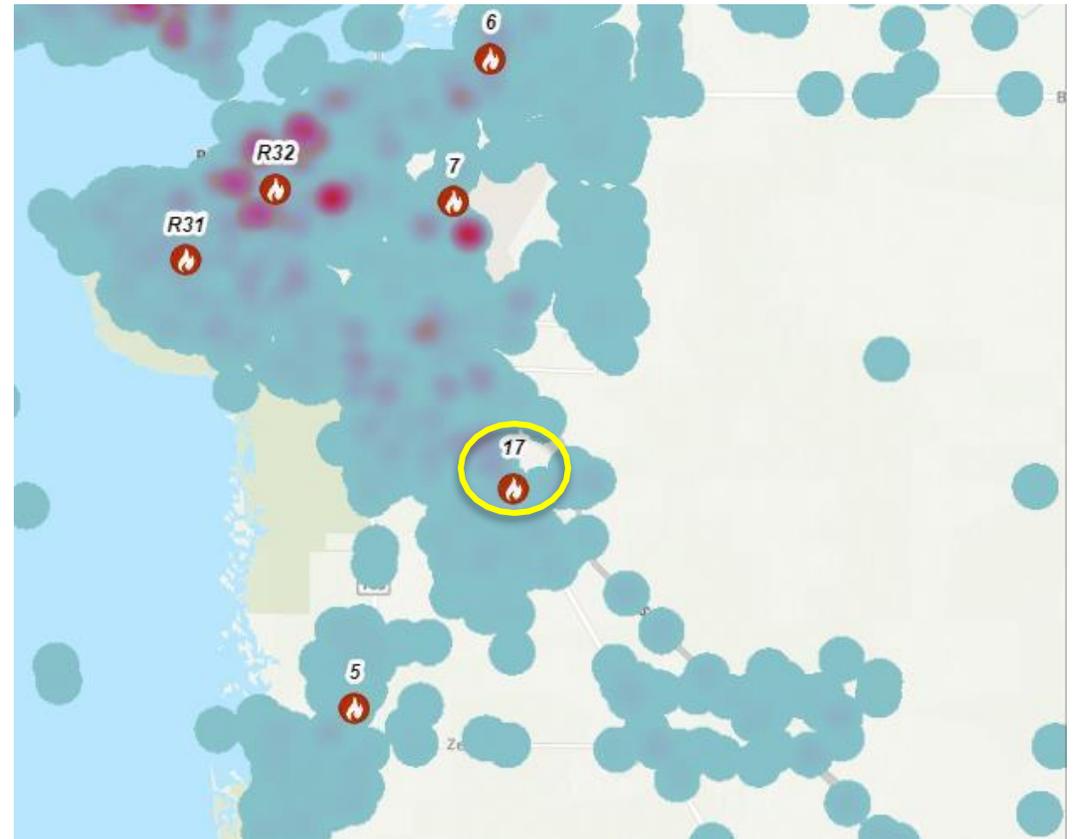


2022 Call Volume (37,868)



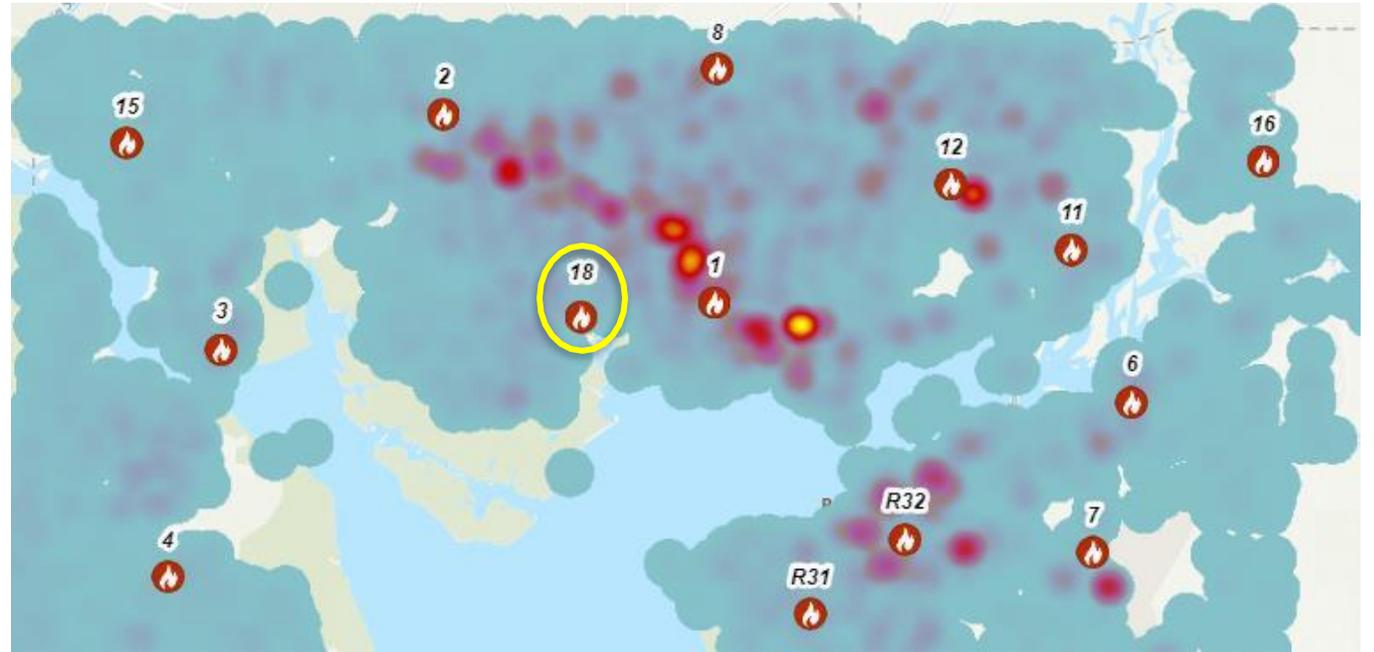
Station 17 - South County 2025

- Station 17 - *Current Sales Tax Project*
 - ALS Engine - *new*
 - Rescue - *new*
 - *Ladder Truck Recommendation 2027 new (Truck and 9 FTEs)*
- Total Station FTEs
 - LT 3
 - FireMedics 6
 - Fire/EMT 6



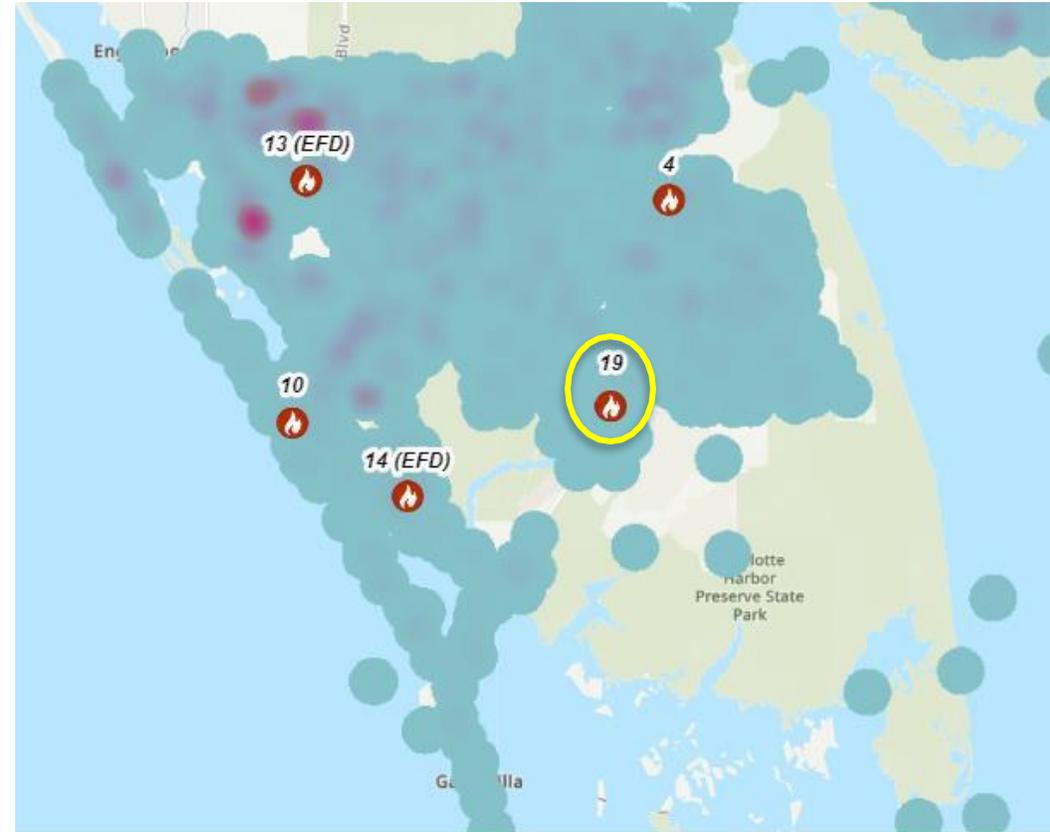
Station 18 - Edgewater 2026

- Station 18
 - ALS Engine - *new*
 - Rescue - *new*
- Total Station FTEs
 - LT 3
 - FireMedics 6
 - Fire/EMT 6



Station 19 - Gasparilla Rd. 2027

- Station 19
 - ALS Engine - *new*
 - Rescue - *new*
- Total Station FTEs
 - LT 3
 - FireMedics 6
 - Fire/EMT 6



Babcock Stations - East County

- Station in 2028

- ALS Engine - *new*
- Rescue - *new*

- Total Station FTEs

- LT 3
- FireMedics 6
- Fire/EMT 6

- Station in 2031

- ALS Engine - *new*
- Rescue - *new*

- Total Station FTEs

- LT 3
- FireMedics 6
- Fire/EMT 6

Day Time Units

Rescue (10-12 Hour) x 3

2024

2 Rescues - *new*
(Currently > 18 Months)

4 Paramedics

4 EMT

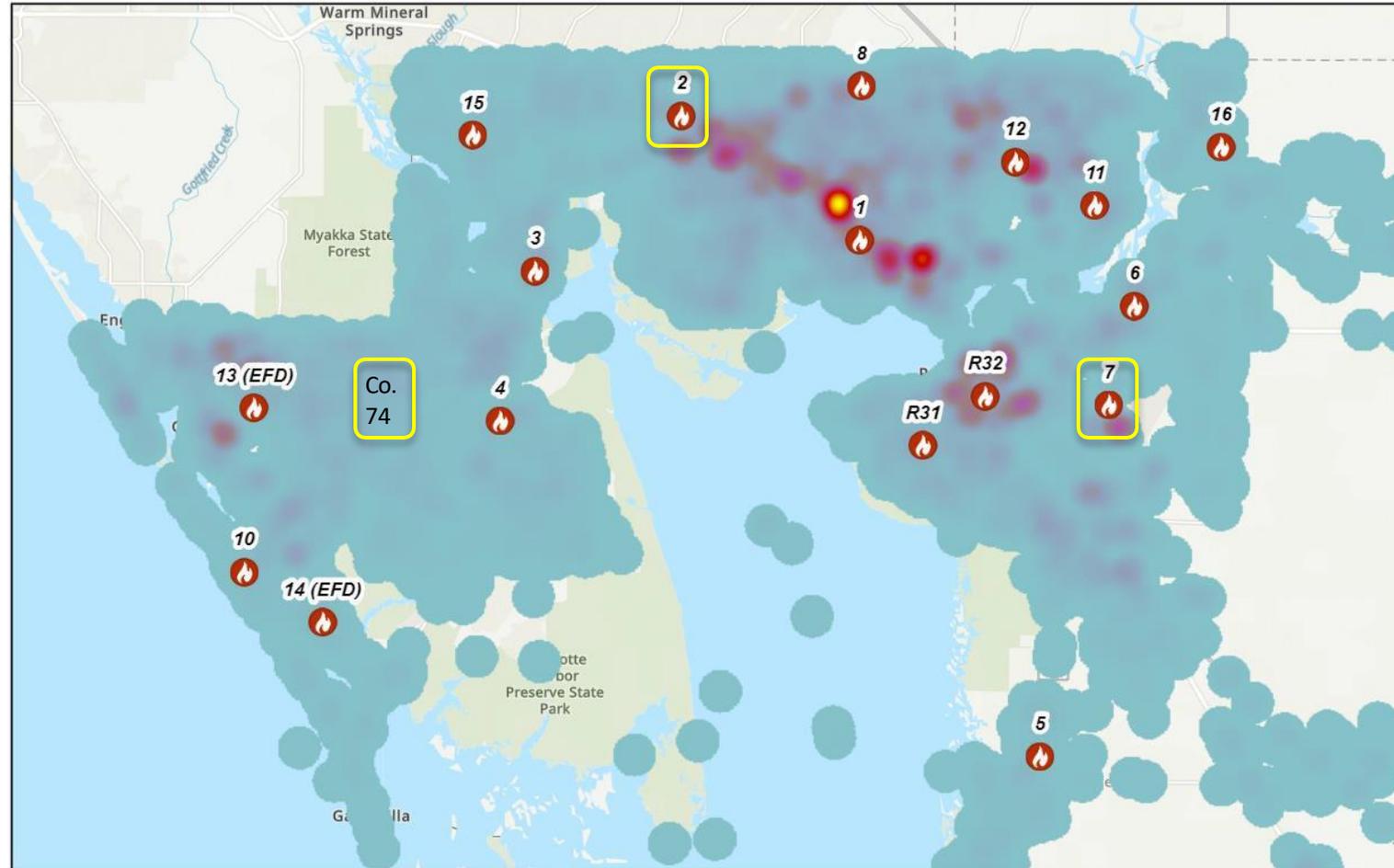
2025

1 Rescue - *new*

2026

3 Paramedics

3 EMT



Additional Personnel

2024

- Fire Inspector 1
- Admin Assistant 1
- Project Coordinator 1
- Training Officer 1
- Division Chief 1
- Lieutenants 6
- FireMedics6
- Firefighter/EMTs 6

2025

- Deputy Fire Marshal 1
- Admin Assistant 1
- Captains 3

2026

- Fire Inspector 1
- Division Chief 1
- Lieutenants 3
- FireMedics3
- Firefighter/EMTs 3

2027

- Captains 3

2028

- Division Chief 1
- Lieutenants 3
- FireMedics3
- Firefighter/EMTs 3

Fire MSBU Financials

Fire/EMS Funding

Fire Services

- Fire Assessments

Emergency Medical Services

- General Fund

Capital Expansion

- Sales Tax
- Impact Fees

County Comparison Methodology

County Information						
County	Population (Total County)	Population (Service Area)	Households (Service Area)	County Square Miles (Service Area)		
				Total	Land	Water
Charlotte County	196,742	176,812	80,736	837	665	172
Martin County	161,655	142,074	60,715	740	533	197
St. Lucie County	350,518	350,518	122,186	688	572	116
Sarasota County	452,378	339,066	154,825	587	436	151
Lee-Lehigh Acres	124,523	124,523	36,122	94	92	2
Lee-North Fort Myers	42,315	42,315	20,270	55	51	4

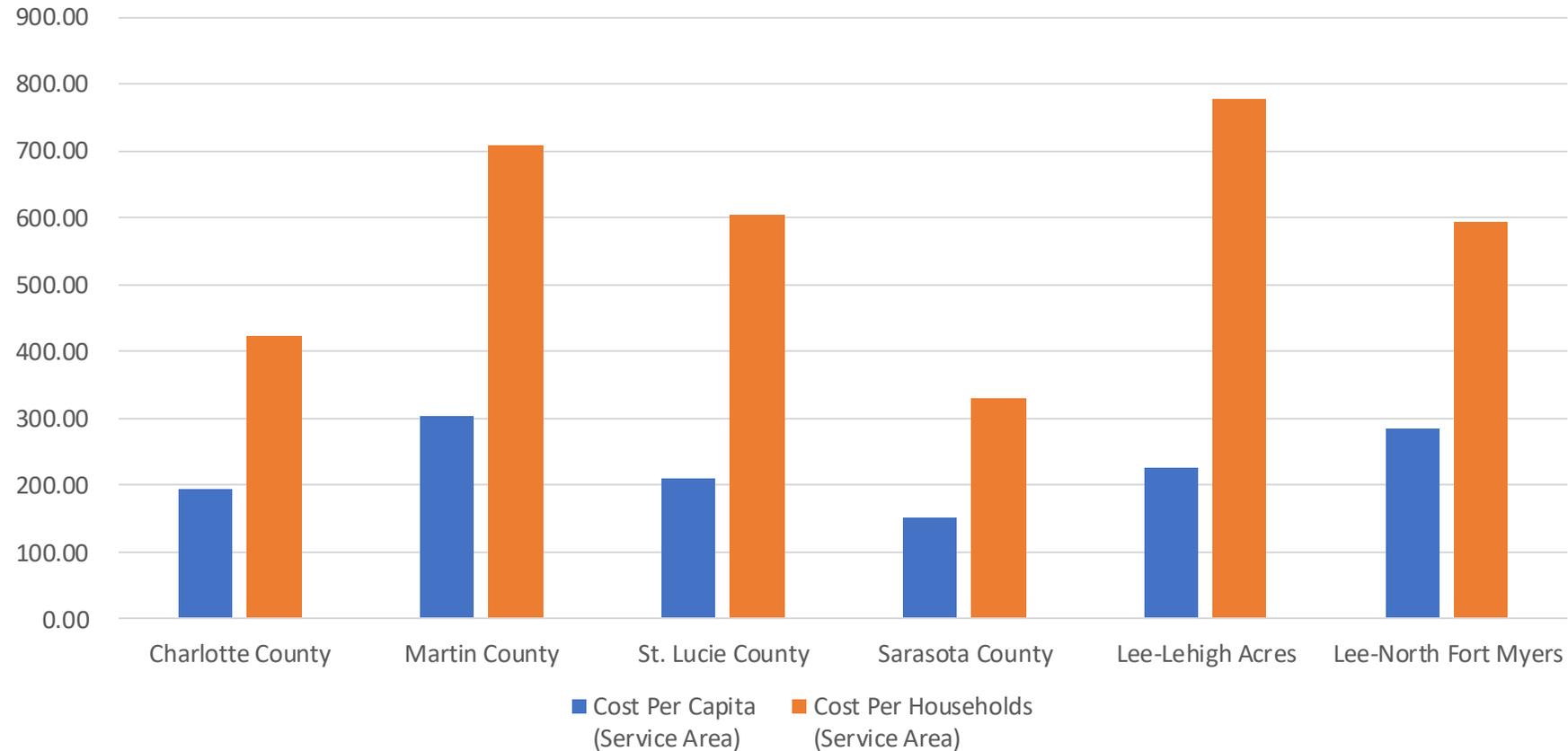
County Comparison

Methodology – Fire Rescue

Fire Rescue						
County	FY2023 Net Fire Budget	Tax Type	Fee Type	Millage	Rate	Notes
Charlotte County	34,228,585	Non-Ad Valorem	MSBU	N/A	203.77	Rate for Residential Property is a Flat \$203.77
Martin County	43,005,100	Ad Valorem	MSTU	2.2640	1,006.36	Rate if Assessed Value is \$444,517 (Average Home Value)
St. Lucie County	73,769,930	Ad Valorem	MSTU	2.1600	810.67	Rate if Assessed Value is \$375,311 (Average Home Value)
Sarasota County	51,137,904	Non-Ad Valorem	Sq Ft	N/A	153.00	Rate if 2000 Sq ft Home (7.65 x Sq ft (1 EBU = 100 sf)
Lee-Lehigh Acres	28,134,406	Non-Ad Valorem	MSBU	N/A	324.83	\$170.04 plus \$0.98 per \$1,000 of improvements (Ex. \$300,000)
Lee-North Fort Myers	12,020,000	Ad Valorem	MSTU	3.5000	1,077.00	Rate if Accessed Value is \$307,715 (Average Home Value)

County Comparison

Fire Rescue



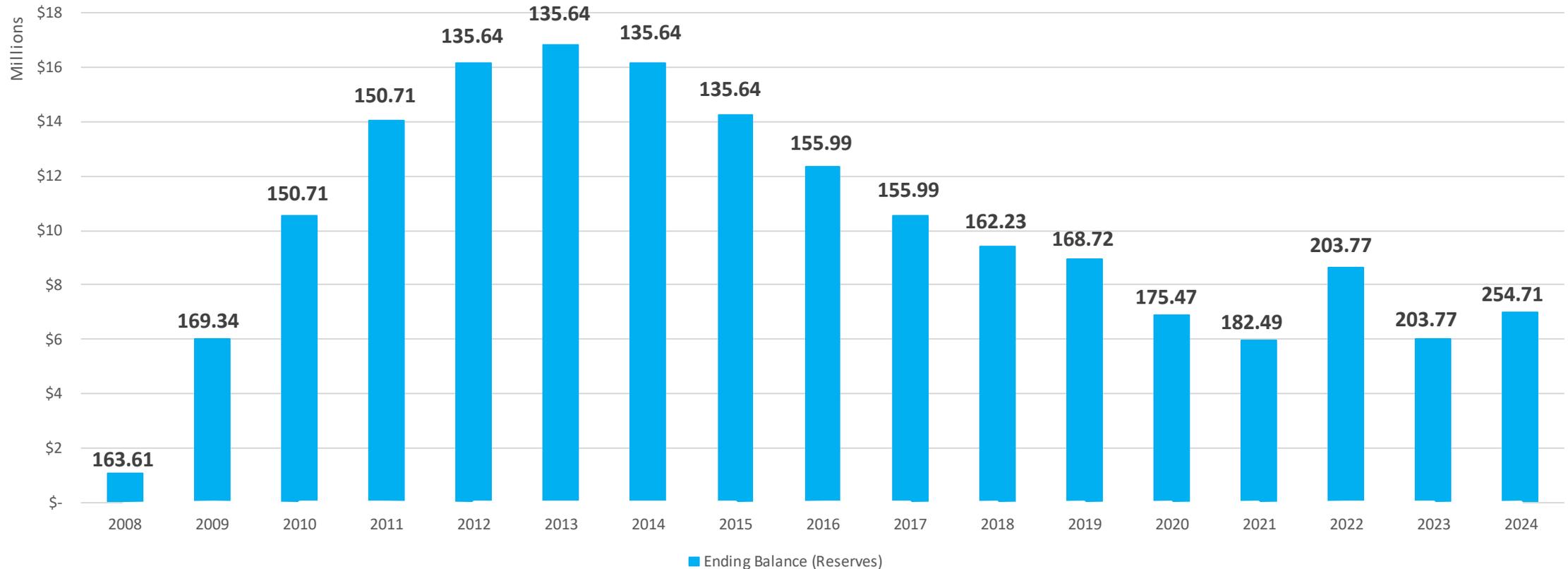
Equivalent Millage

Fire

Property Description	Taxable Value	Millage Rate @ 1.443	Current MSBU Rates
Vacant Lot	20,000	28.86	86.79
Residential Unit	75,000	108.23	203.77
Residential Unit	150,000	216.45	203.77
Residential Unit	250,000	360.75	203.77
Residential Unit	350,000	505.05	203.77
Residential Unit	550,000	793.65	203.77
Residential Unit	750,000	1,082.25	203.77

10 Year Projections

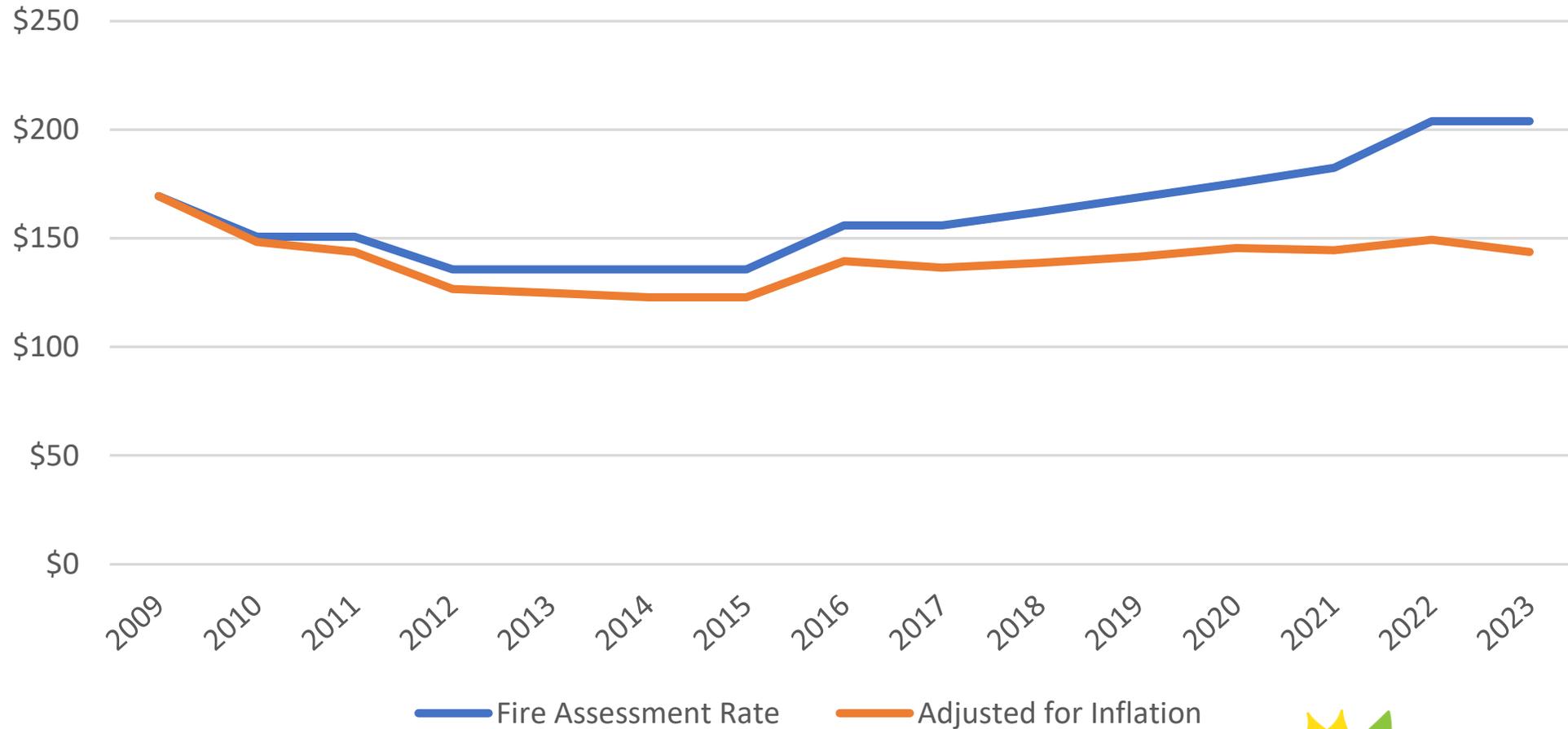
Fund Balance vs Fire Rates



Residential homes, apartments, condominiums, mobile homes, barns, etc.



Fires Assessment Rates



Fire Assessment

Equivalent Residential Units (ERUs)

Category	2009 Total Units	2023 Total Units	Unit Change	Fiscal Impact
Occupied	68,320	83,822	15,502	2,625,109
Vacant	182,437	119,073	(63,364)	(4,570,428)
Commercial	20,969,823	23,695,518	2,725,695	572,396

Assumptions – Presented 3/21/2023

Fiscal Year 2024

Babcock Station 1 (9 Positions for Ladder Truck)

10 Hour Rescues @ 2 (8 Positions, Operating Costs, and 2 Rescues)

Floater (18 Positions and Staff Outfitting)

New Positions

Inventory Specialist - EVM

Fire Inspector - Fire Prevention

Administrative Assist. - Fire Prevention

Project Coordinator - Support Services

Training Officer (FF/LT/Captain) - Administration

Division Chief (New Class) - Administration

Staff Vehicles (4 Vehicles)

Fiscal Year 2025

Station 17 (15 Positions, Operating Costs, 1 Engine and 1 Rescue)

Captain - 56 Hour (3 Field Staff)

New Positions

Technician - EVM

Deputy Fire Marshal - Fire Prevention

Admin Assist. / Financial - Support Services

Staff Vehicles (3 Vehicles)

Assumptions – Presented 03/21/2023

Fiscal Year 2026

Station 18 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
10 Hour Rescues @ 1 (Staffing, Operating Costs, and 1 Rescues)
Floater (9 Positions and Staff Outfitting)
Division Chief - New Class (3 Field Staff)
New Positions
Fire Inspector - Fire Prevention
Staff Vehicles (2 Vehicles)

Fiscal Year 2028

Babcock Station 2 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
Floater (9 Positions and Staff Outfitting)

Fiscal Year 2027

Station 19 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
Captain - 56 Hour (3 Field Staff)
Staff Vehicles (1 Vehicle)

Fiscal Year 2031

Babcock Station 3 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
New Positions
Division Chief (New Class) - Administration
Staff Vehicles (1 Vehicle)

Rate Scenarios – Presented 3/21/2023

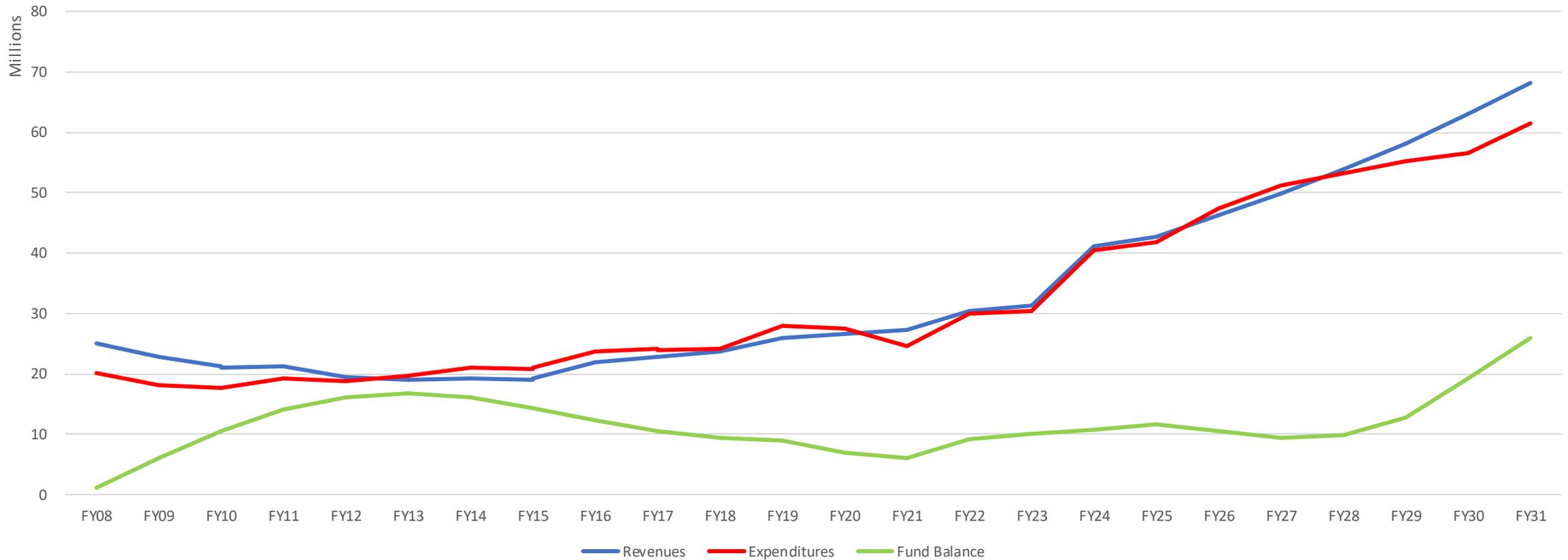
Rate Increase Scenarios	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31
4% annually	\$ 203.77	\$ 203.77	\$ 211.92	\$ 220.40	\$ 229.21	\$ 238.38	\$ 247.92	\$ 257.83	\$ 268.15	\$ 278.87
6% annually	\$ 203.77	\$ 203.77	\$ 216.00	\$ 228.96	\$ 242.69	\$ 257.26	\$ 272.69	\$ 289.05	\$ 306.40	\$ 324.78
25% in 2024, then 5% annually	\$ 203.77	\$ 203.77	\$ 254.71	\$ 267.45	\$ 280.82	\$ 294.86	\$ 309.61	\$ 325.09	\$ 341.34	\$ 358.41
20% in 2024, then 6% annually	\$ 203.77	\$ 203.77	\$ 244.52	\$ 259.20	\$ 274.75	\$ 291.23	\$ 308.71	\$ 327.23	\$ 346.86	\$ 367.67

Rate Scenario – Presented 7/17/2023

Rate Increase Scenario	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31
25% in 2024, then 6% annually	\$ 203.77	\$ 203.77	\$ 254.71	\$ 270.00	\$ 286.20	\$ 303.37	\$ 321.57	\$ 340.86	\$ 361.32	\$ 382.99

Charlotte County - Fire

25% in 2024, then 6% annually – Presented 7/17/2023



FY08 – FY22: Actuals
 FY23 – FY31: Projected



Revised Assumptions

Fiscal Year 2024

- *Babcock Station 1 (9 Positions for Ladder Truck)
- *10 Hour Rescues @ 2 (8 Positions, Operating Costs, and 2 Rescues)
- *Floaters (18 Positions and Staff Outfitting)
- *New Positions
 - Inventory Specialist - EVM
 - Fire Inspector - Fire Prevention
 - Administrative Assist. - Fire Prevention
 - Project Coordinator - Support Services
 - Training Officer (FF/LT/Captain) - Administration
 - Division Chief (New Class) - Administration
 - Staff Vehicles (4 Vehicles)

Fiscal Year 2025

- **Station 17 (15 Positions, Operating Costs, 1 Engine and 1 Rescue)
- Captain - 56 Hour (3 Field Staff)
- New Positions
 - Technician - EVM
 - Deputy Fire Marshal - Fire Prevention
 - Admin Assist. / Financial - Support Services
 - Staff Vehicles (3 Vehicles)

*Adjusted budget for 9 months of costs in FY2024 due to time needed for onboarding

**Adjusted budget for 3 months of costs in FY2025 allowing time for onboarding before CO of station in FY2026

Revised Assumptions

Fiscal Year 2026

Station 18 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
10 Hour Rescues @ 1 (Staffing, Operating Costs, and 1 Rescues)
Floater (9 Positions and Staff Outfitting)
Division Chief - New Class (3 Field Staff)
New Positions
 Fire Inspector - Fire Prevention
 Staff Vehicles (2 Vehicles)

Fiscal Year 2028

Babcock Station 2 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
Floater (9 Positions and Staff Outfitting)

Fiscal Year 2027

Station 19 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
Captain - 56 Hour (3 Field Staff)
 Staff Vehicles (1 Vehicle)

Fiscal Year 2031

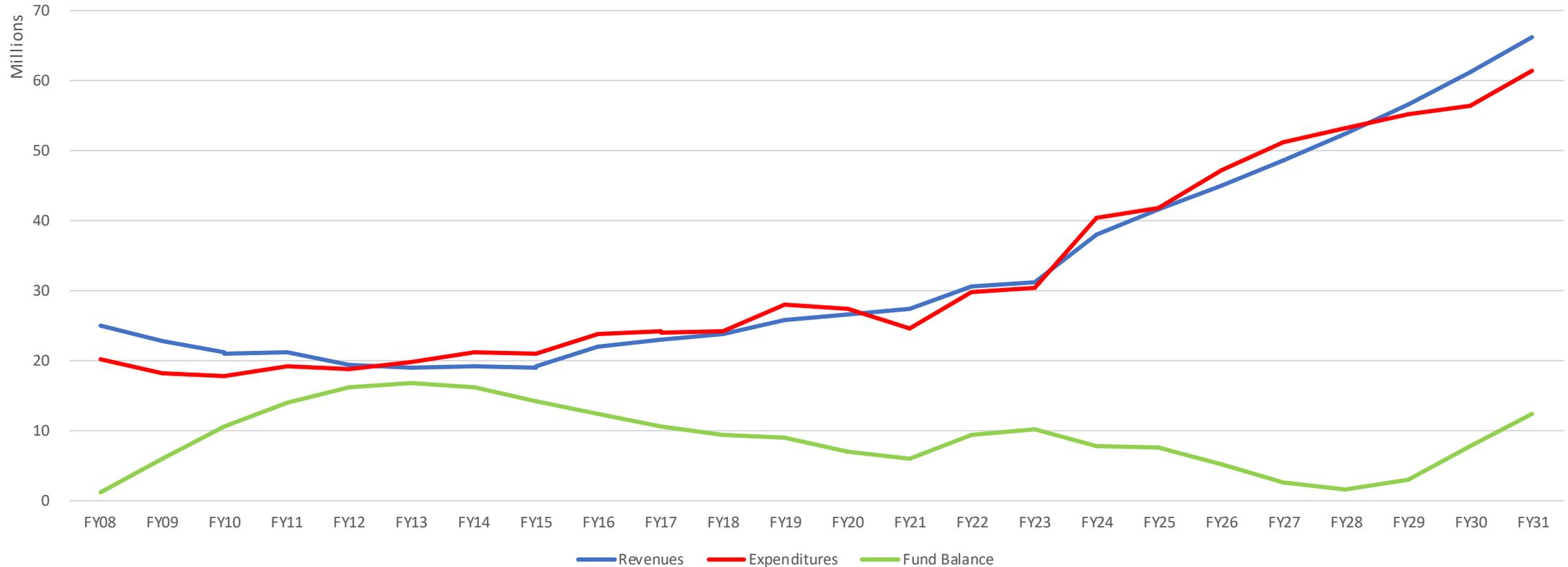
Babcock Station 3 (Staffing, Operating Costs, 1 Engine and 1 Rescue)
New Positions
 Division Chief (New Class) - Administration
 Staff Vehicles (1 Vehicle)

Revised Recommended Rate Scenario

Rate Increase Scenario	FY22	FY23	FY24	FY25	FY26	FY27	FY28	FY29	FY30	FY31
25% in 2024, then 6% annually	\$ 203.77	\$ 203.77	\$ 254.71	\$ 270.00	\$ 286.20	\$ 303.37	\$ 321.57	\$ 340.86	\$ 361.32	\$ 382.99
15% in 2024, 12% in 2025, then 6% annually	\$ 203.77	\$ 203.77	\$ 234.34	\$ 262.46	\$ 278.20	\$ 294.90	\$ 312.59	\$ 331.35	\$ 351.23	\$ 372.30
Variance	\$ 0	\$ 0	\$ 20.37	\$ 7.54	\$ 8.00	\$ 8.47	\$ 8.98	\$ 9.51	\$ 10.09	\$ 10.69

Charlotte County - Fire

15% in 2024, 12% in 2025, then 6% annually



FY08 – FY22: Actuals
 FY23 – FY31: Projected



Questions

West Charlotte Stormwater MSBU



West Charlotte Stormwater MSBU

Where Does Your MSBU Dollar Go?

	Percentage	Rate/Acre	Per 80' Lot
Public Works Services	33.1%	\$ 41.38	\$ 10.35
Other Direct & Misc. Costs	11.0%	\$ 13.76	\$ 3.44
Contract Services/Other	3.0%	\$ 3.73	\$ 0.93
Pipe Lining	27.1%	\$ 33.81	\$ 8.45
Water Quality			
One Charlotte One Water			
<i>Funding request (\$97,108)</i>	2.6%	\$ 3.28	\$ 0.82
<i>Additional funding request (\$27,892)</i>	0.8%	\$ 0.94	\$ 0.24
Annual Monitoring	0.8%	\$ 1.03	\$ 0.26
Infrastructure Compliance Projects			
TMDL	3.8%	\$ 4.69	\$ 1.17
NPDES	1.1%	\$ 1.41	\$ 0.35
Canal Sediment Removal-West County	16.8%	\$ 20.96	\$ 5.24
Total Rate		\$ 125.00	\$ 31.25
Initial proposed rate		\$ 125.00	\$ 31.25
One Charlotte One Water reduction		\$ (0.94)	\$ (0.24)
Canal Sediment Removal reduction		\$ (20.96)	\$ (5.24)
Revised Rate		\$ 103.10	\$ 25.77

Notes:

TMDL and NPDES projects are split between Mid, South and West Stormwater Units.

Decreased One Charlotte One Water funding from \$125,000 to \$97,108.

Canal Sediment Removal project postponed to FY26.



Questions



Public Hearing

Adopt Final MSBU Rates