

2023



GFR ANNUAL REPORT

www.garnerfire.com






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CONTACT INFORMATION

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Non-Emergency 919.772.1550
Website www.garnerfire.com

SOCIAL MEDIA

 @Garner Fire-Rescue
 @garnerfire
 @garnerfire85

FIRE CHIEF MATTHEW POOLE



I am pleased to present the 2023 Annual Fire Department Report. This comprehensive report reflects our commitment to transparency and highlights the achievements, challenges, and key statistics that define our department's performance.

Response Times - Our team continues to try and meet response time standards, ensuring swift and efficient emergency services to the community.

Incident Types - The report details the types and frequency of incidents responded to by our dedicated firefighters. We continue to adapt and enhance our strategies to address emerging trends and challenges in fire safety and emergency services.

Training and Preparedness - Our department invested significant resources in training programs to ensure our personnel are well-equipped to handle diverse emergencies. Preparedness initiatives contribute to the overall competency of our team.

Community Outreach - We actively engaged with the community through various outreach programs, educational initiatives, and collaborative efforts to enhance fire safety awareness. Together, we have made strides in creating a safer living environment for everyone.

Equipment and Technology Upgrades - The report highlights investments in state-of-the-art equipment and technology upgrades. These enhancements are pivotal in maintaining the highest standards of safety and efficiency in our operations.

Staff Recognition - I am proud of the dedication and hard work displayed by our firefighting and support staff. Their commitment to service has been instrumental in achieving the positive outcomes reflected in this report.

I encourage you to review the detailed statistics and insights presented in the report. Your ongoing support and collaboration remain crucial as we work together to ensure the safety and well-being of our community. Thank you for your continued trust in the Garner Fire-Rescue. We look forward to another year of serving and protecting our community.



Matthew R. Poole
Fire Chief

“Leading this community as your fire chief is the most challenging chapter of my professional career.”

GFR GUIDING PRINCIPLES

Mission

Garner Fire-Rescue is dedicated to protecting the life and property of our community by building our future on the foundation of our past.

Values

Garner fire**FIGHT**ers possess the courage needed to save lives and make our community safe. We will be models of honesty, possess giving hearts, and be grateful for our heritage.

Vision

To become the best possible fire service organization through well-trained and developed personnel, modern resources and equipment, and continue to be an integral part of our community.

Fortitude **I**ntegrity **G**enerosity
Honor **T**radition

Strategic Goals & Initiatives



GOAL 1

Commit to continuous organizational improvement.



GOAL 2

Continue fire department merger planning with the Town of Garner.



GOAL 3

Enhance emergency response capabilities.



GOAL 4

Enhance departmental training and personnel development.



GOAL 5

Enhance physical resource allocation and replacement programs.



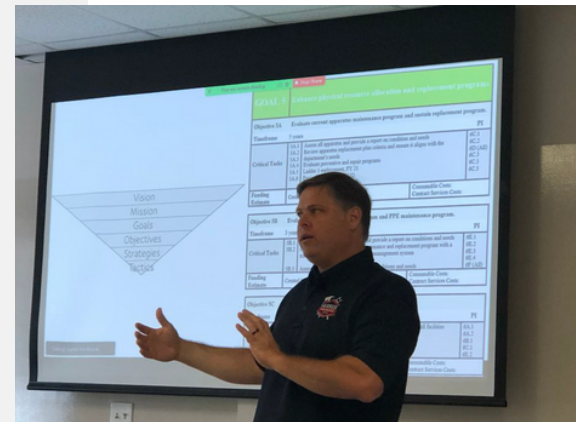
GOAL 6

Improve community risk reduction efforts.



GOAL 7

Improve information technology components such as policies, procedures, security, software, and hardware.



GFR ORGANIZATIONAL STRUCTURE

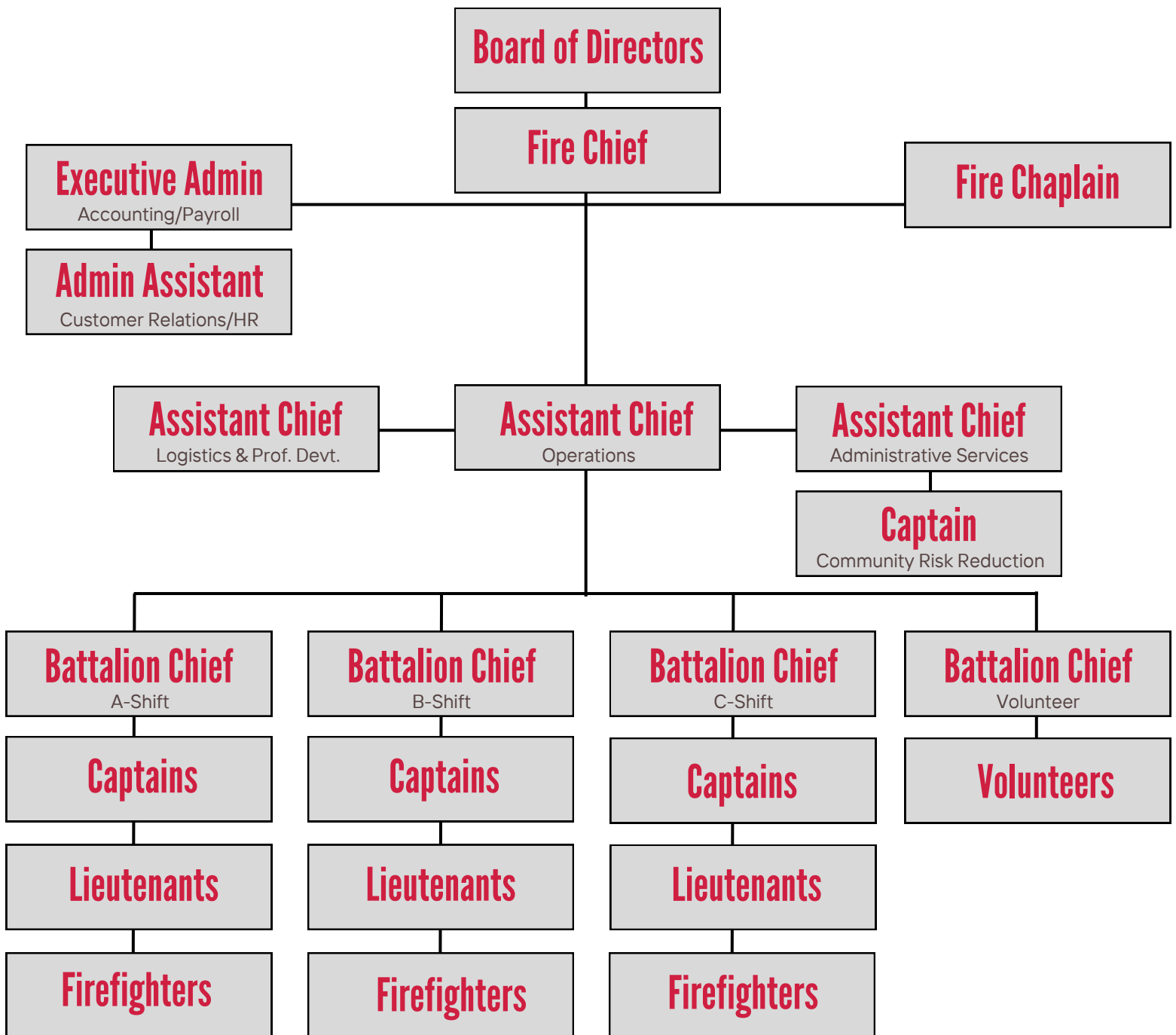
Board of Directors

Board Officers

President - Joe Sample
Vice President - Mark Wilson
Secretary/Treasurer - Kenny Walker

Board Members

Board Member - Nancy Anderson
Board Member - Stacy Kolacz
Board Member - Carl Williams
Board Member - Johnny Foster
Board Member (Alt) - Jeffrey Gulley



GFR FIXED FACILITIES

Stations



1 **Station 1**
503 W. Main St.
Garner, NC 27529
2516 Call Demand
3847 Unit Demand



2 **Station 2**
9115 Sauls Rd.
Raleigh, NC 27603
1138 Call Demand
1379 Unit Demand



3 **Station 3**
1695 Timber Dr.
Garner, NC 27529
2269 Call Demand
4204 Unit Responses



4 **Station 4**
125 Spaceway Ct.
Garner, NC 27529
1197 Call Demand
1430 Unit Responses



5 **Station 5**
7816 Caddy Rd.
Raleigh, NC 27603



**A
D
M
I
N** **Administration**
914 7th Ave.
Garner, NC 27529

Districts

Station 1

Urban 1A
5.94 square miles
12,277 population

Rural 1B
6.13 square miles
1,792 population

Station 2

Urban 2A
1.08 square miles
3,030 population

Rural 2B
24.07 square miles
17,760 population

Station 3

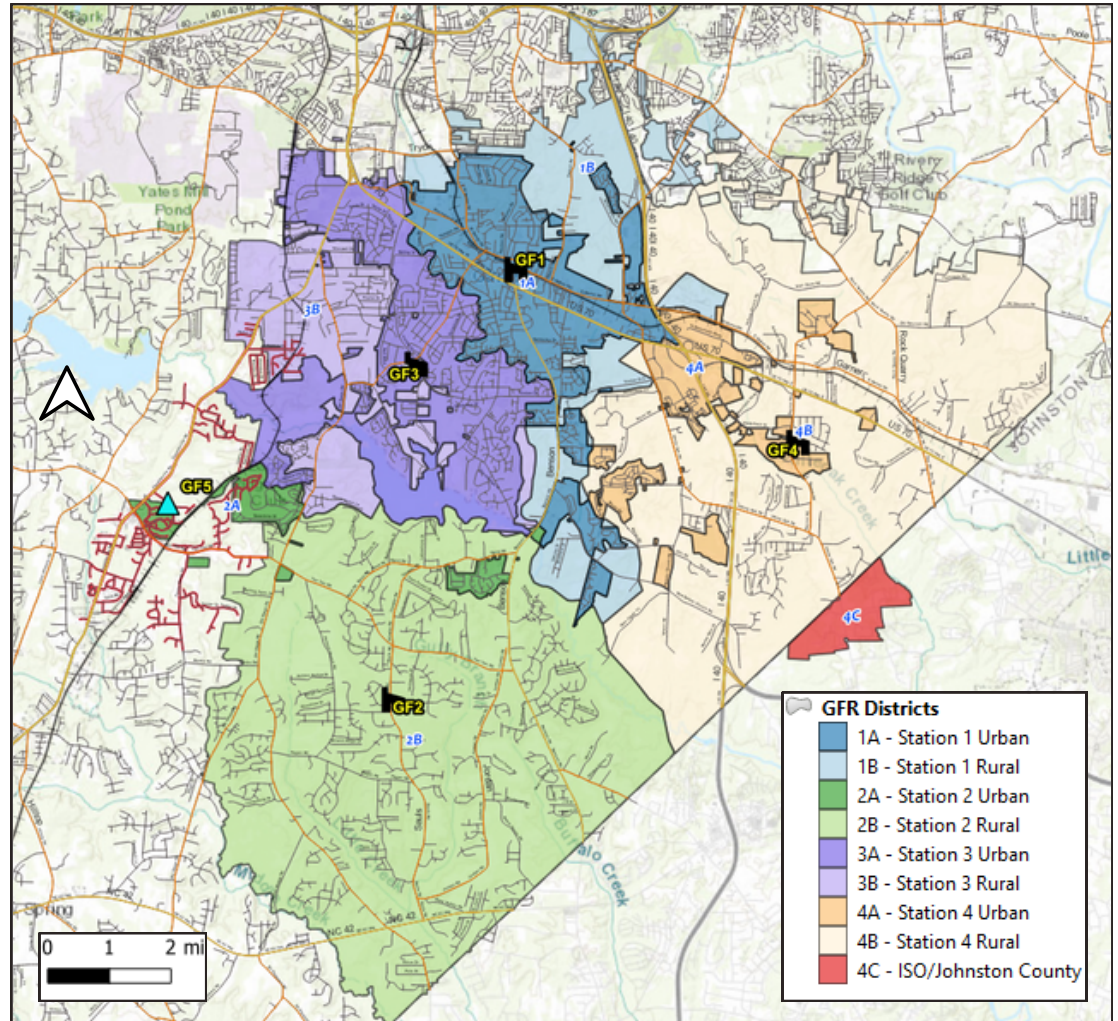
Urban 3A
7.63 square miles
12,928 population

Rural 3B
5.05 square miles
4,023 population

Station 4

Urban 4A
2.75 square miles
2,949 population

Rural 4B
21.73 square miles
7,141 population



GFR PROGRAM HIGHLIGHTS

Fire Suppression

- Placed in service (2) new frontline Pierce Impel engines (dump capable & carry dump tanks)
- Reduced battalion chief dispatches
- Modified fire alarm response run card (single engine, engine/ladder)
- Upgraded working rural structure fires to include a minimum of three GFR engines
- Updated and improved After-Action Reviews (18 completed in 2023)
- Increased amount of stocked fire hose, tested and ordered Sniper attack hose
- Developed and implemented a Search Culture Manual and training
- Began the development of a Truck Company Manual

Technical Rescue

- Responded to 189 Delta level motor vehicle collisions with a high mechanism of injury
- Responded to 35 children locked in a vehicle calls
- Performed 22 extrications from vehicles and/or machinery
- Responded to 7 elevator rescues
- Responded to 3 calls involving motor vehicle collisions with buildings
- Responded to 2 water rescues

Logistics

- Placed new air trailer in service
- Replaced all exterior stairs at station 2
- Expanded two administrative offices
- Established a Research & Development Committee
- Worked on renovations to St. Mary's House
- Installed new HVAC system at station 1
- Upgraded/replaced 8 defibrillators
- Purchased 6 new thermal imaging cameras
- Attended the FIERRO Turnout Gear Symposium
- Upgraded daily uniforms to include better quality pants, new sweatpants, and personalized job shirts
- Issued 21 new sets of turnout gear

Emergency Medical Services

- Temporarily implemented squad concept at Station 3 to test due to Station 5 opening delay and to alleviate resource demand on GFL3
- Verified that the most common EMD complaint was breathing difficulty
- Administered Naloxone (Narcan) 41 times
- Administered Aspirin to 40% of patients with a chief complaint of chest pain
- Responded to 57 cardiac arrest events
- Recognized 18 GFR first responders at Code Celebrate Event for five separate cardiac arrest calls in 2022 that resulted in patients being successfully discharged from the hospital. Four of the calls involved incidents with some type of bystander intervention, such as CPR or defibrillation, prior to fire department arrival

Hazardous Materials

- Experienced an increase in hazardous condition (400 series) type calls by 27.69%
- Coded roughly 70% of hazmat calls as natural gas or LPG leaks
- Completed required annual six hour training for employees
- Participated in Senior Officials Workshop for All-Hazards Preparedness hosted on-site by Texas A&M Engineering Extension Service in conjunction with Garner Police Department, Garner Town Leadership, Wake County EMS, NC State Bureau of Investigation, and the Federal Railroad



GFR PROGRAM HIGHLIGHTS CONT'D

Community Risk Reduction

- Conducted 112 community events
- Hosted annual Firemen's Day Festival
- Hosted and graduated seven participants from the Citizen Fire Academy
- Partnered with Red Cross to conduct two smoke alarm canvas events impacting 323 citizens
- Provided live fire extinguisher training at six events impacting 100 citizens
- Assisted the NC Office of the State Fire Marshal with fire prevention education during the NC State Fair
- Produced a public service announcement video showcasing the dangers of turkey fryers with the NC Office of the State Fire Marshal
- Purchased enclosed trailer, generator, and fire extinguisher prop for community risk reduction

Hiring/Professional Development

- Completed four hiring and orientation processes for 13 new firefighters
- Completed three promotional processes (FF 1st Class, lieutenant, captain)
- Created a new probationary firefighter packet
- Created a new driver/operator packet
- Hosted TR and VMR certification program
- Hosted NIMS 300 and 400 course
- Completed NFPA 1582 compliant annual member physicals
- Completed annual physical agility testing for all members

Promotions/Advancements

- **Assistant Chief** - Jason Deitch
- **Battalion Chief** - Brandon Smith
- **Captain** - Robert Hodge, Josh Taylor
- **Lieutenant** - Brandon Holmquist, Zach Johnson
- **Firefighter 1st Class** - Hunter Byrd, Jonathan Fisher, Tyler Hutchison, Ryan Landrum, Grayson Lee, Samuel Smith

Scholarship/Award Recipients

- **Associate's Degree** - Robbie Beasley, David Blanc, EG Burr, Daniel Pickett, Scott Rietvelt, Cody Workowski
- **Bachelor's Degree** - Grayson Lee
- **Master's Degree** - Daniel Ward
- **Chief's Award** - Aerial Smith



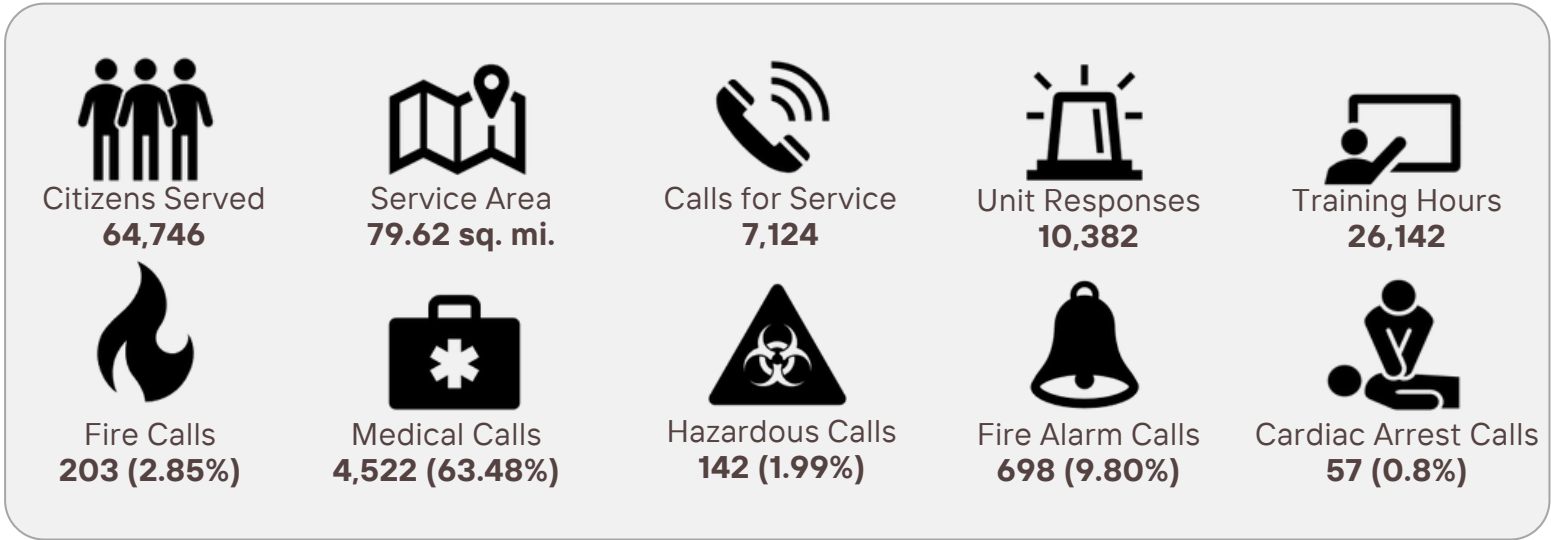
Training

- Completed 26,142 hours of training
- Facilitated 4 new hire orientation periods (4-week orientation schedule)
- Utilized "out of district" training facility at Goldsboro Fire Department multiple times throughout the year
- Utilized "in district" training location at the City of Raleigh Wastewater Treatment Plant
- Conducted numerous vehicle extrication training evolutions at the LKQ facility
- Hosted and completed 4 quarterly water haul drills
- Utilized four acquired structures to perform engine/ladder company operations, RIT, and MAYDAY training for the entirety of the department
- Facilitated and provided NIMS 300/400 training to 13 personnel
- Hosted and facilitated the North Carolina Peer Support Course with 28 students
- Provided Driver-Operator Aerials state certification training to 11 personnel
- Sponsored 3 GFR battalion chiefs for Officer Development Program in Florida
- Sponsored 4 personnel for the North Carolina Breathing Equipment School held at Gaston College

Accreditation/ISO

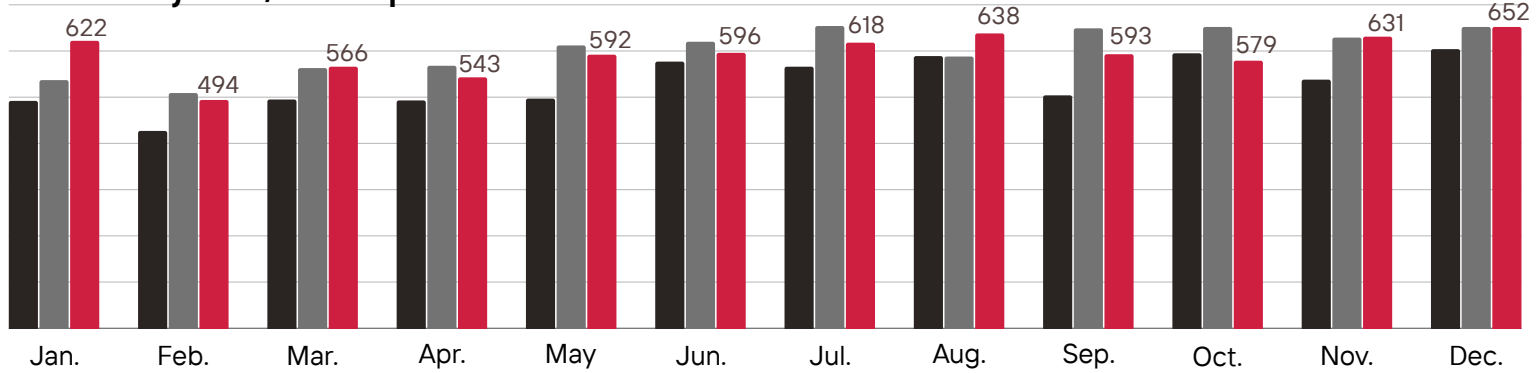
- Completed GFR Annual Report
- Completed Annual Compliance Report (ACR), approved by CPSE
- Completed 136 policy reviews with updates
- Completed and implemented two peer team recommendations for 1A.8 and Criterion 5A
- Completed all required annual program appraisals
- Created new annual program appraisal template for 2023
- Conducted annual strategic planning goals and objectives meeting
- Completed three strategic plan objectives (1D.6, 4A.9, and 4B.3)
- Finalized new community risk assessment station-based template
- Completed annual hose testing, apparatus service testing, hydrant servicing, ground ladder and ladder/aerial testing
- Improved 90th percentile turnout time for all units by 3 seconds

GFR RESPONSE STATISTICS



■ 2021 ■ 2022 ■ 2023

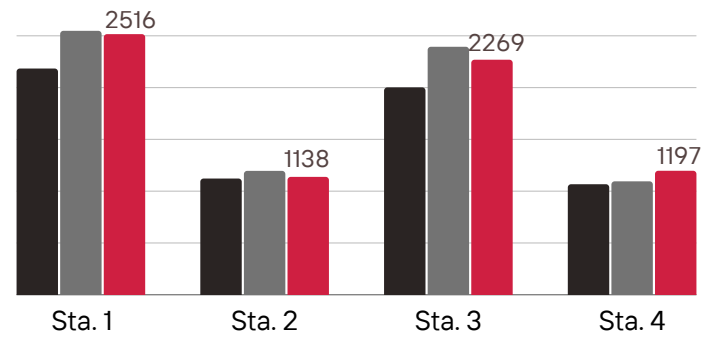
Call Demand by Month/Year Comparison



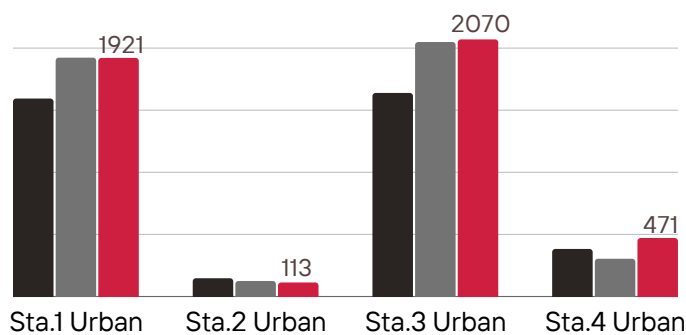
Cost-Benefit Analysis

Cost Per Incident >> **\$1,482.87**
 Calls per 1k Residents >> **110**
 Fire Loss Per Resident >> **\$28.32**
 Property & Contents Lost >> **\$1.83M**
 Property & Contents Saved >> **\$14.18M**

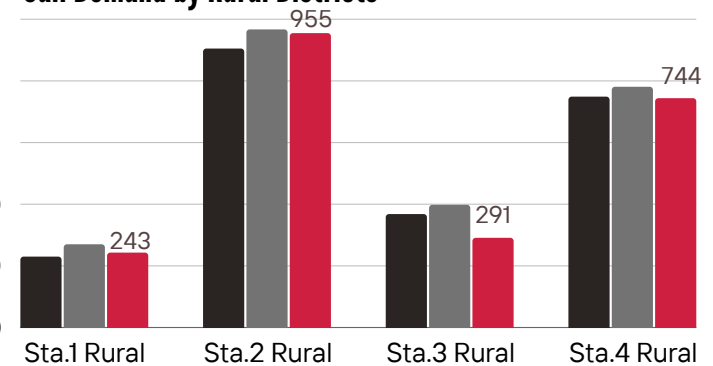
Call Demand by Station



Call Demand by Urban Districts

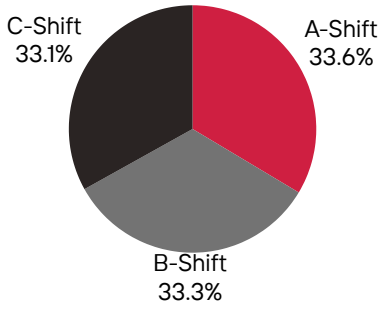


Call Demand by Rural Districts

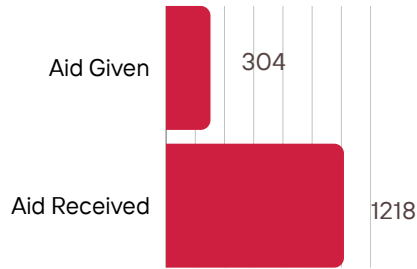


GFR RESPONSE STATISTICS CONT'D

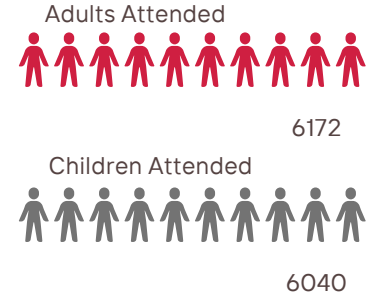
Call Demand by Shift



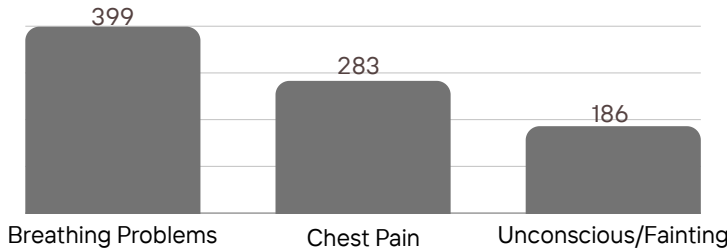
Automatic/Mutual Aid



Community Activities



Top 3 Medical Dispatches



Staffing Utilization by Unit Demand



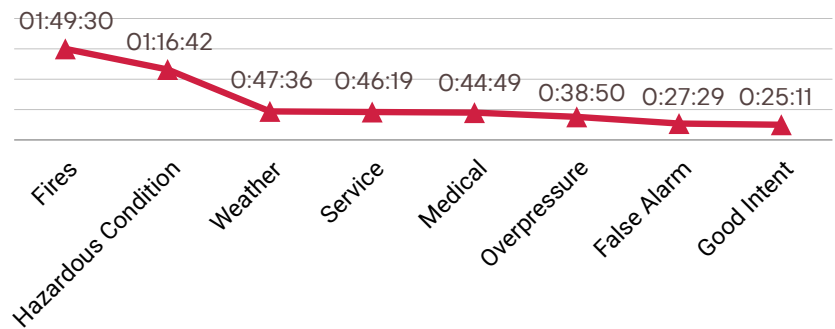
Top Unit Responses



Civilian/Firefighter Fire Casualties



Unit On-Scene Time by Call Type



90th Percentile Turnout Times

Unit	A	B	C
GFE1	0:01:22	0:01:28	0:01:26
GFE2	0:01:30	0:01:24	0:01:31
GFL3	0:01:25	0:01:19	0:01:26
GFE4	0:01:43	0:01:34	0:01:33
GFL1	0:01:02	0:01:37	0:01:12
GFR1	0:00:51	0:01:12	0:01:50

90th Percentile Travel Times

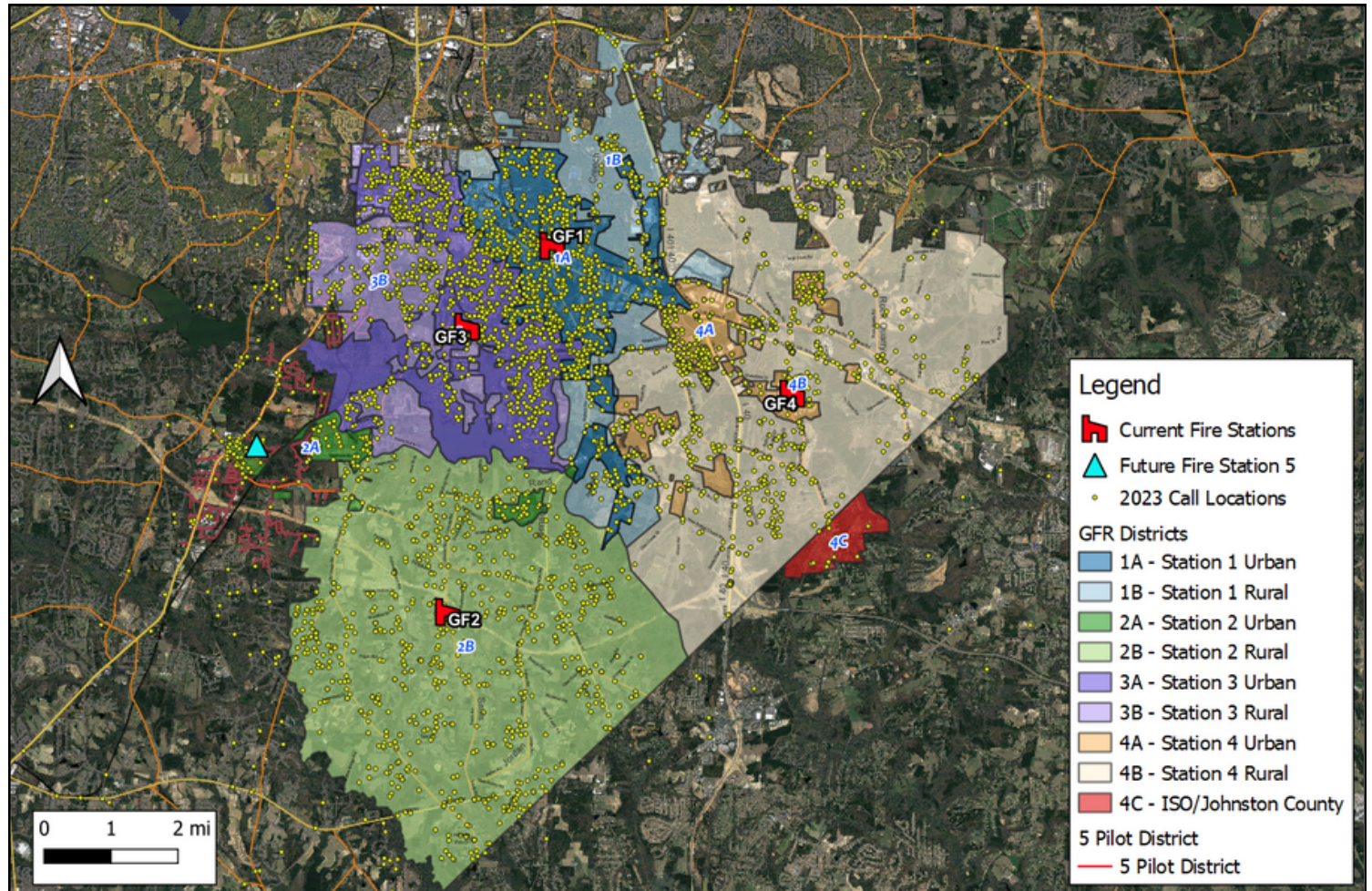
Unit	A	B	C
GFE1	0:06:49	0:06:50	0:06:40
GFE2	0:08:04	0:08:25	0:07:47
GFL3	0:07:09	0:06:41	0:07:04
GFE4	0:08:10	0:08:35	0:09:10
GFL1	0:07:05	0:07:06	0:06:09
GFR1	0:09:20	0:06:57	0:09:30

90th Percentile On-Scene Times

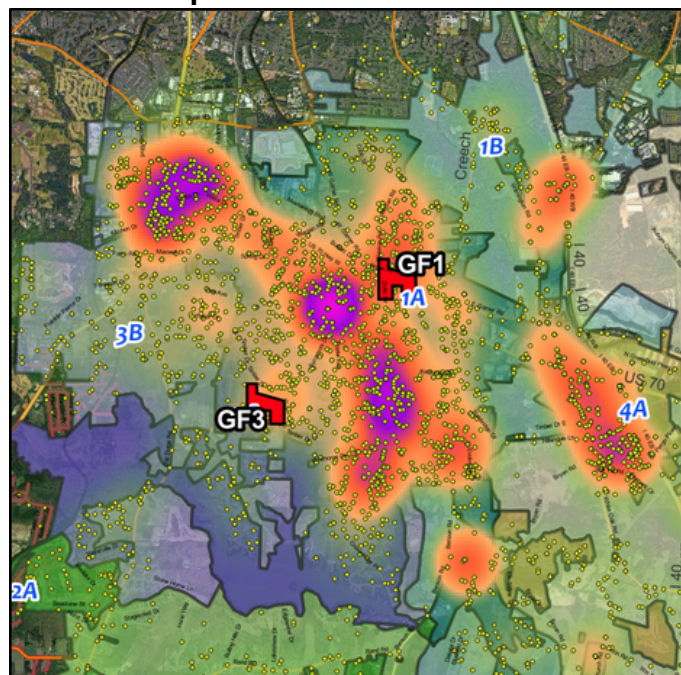
Unit	A	B	C
GFE1	0:42:55	0:40:43	0:43:41
GFE2	0:50:32	0:47:31	0:45:18
GFL3	0:35:51	0:39:16	0:40:13
GFE4	0:53:05	0:53:29	0:50:44
GFL1	0:37:59	0:38:51	0:44:29
GFR1	0:50:13	0:39:49	1:01:45

GFR GIS CALL LOCATIONS

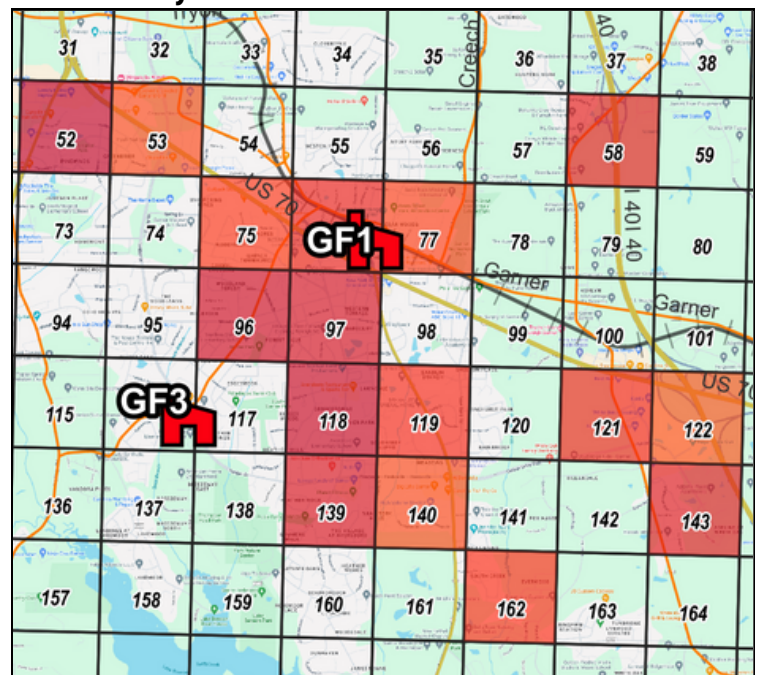
2023 Call Locations



2023 Call Hot Spots

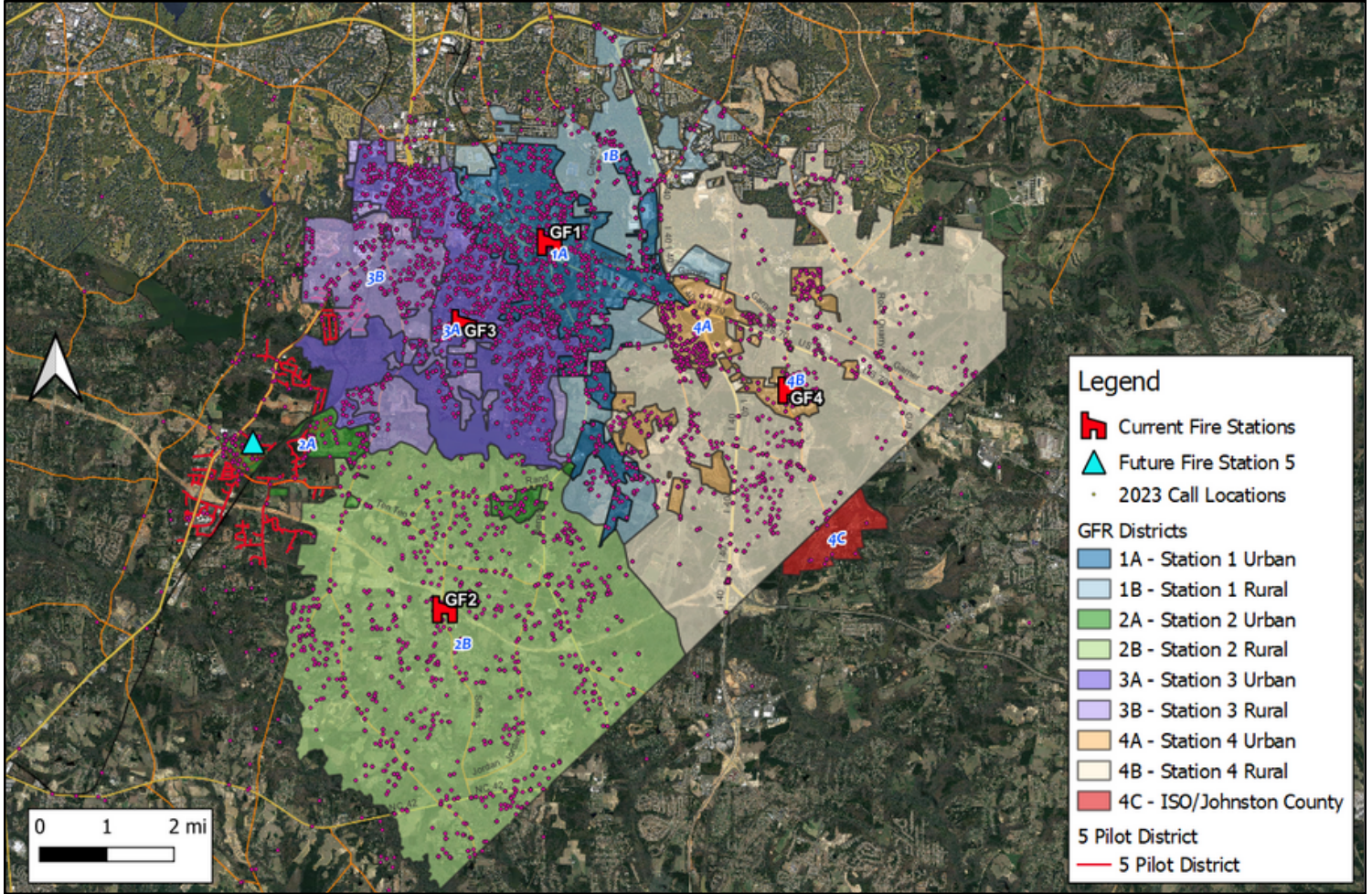


2023 Calls by USNG

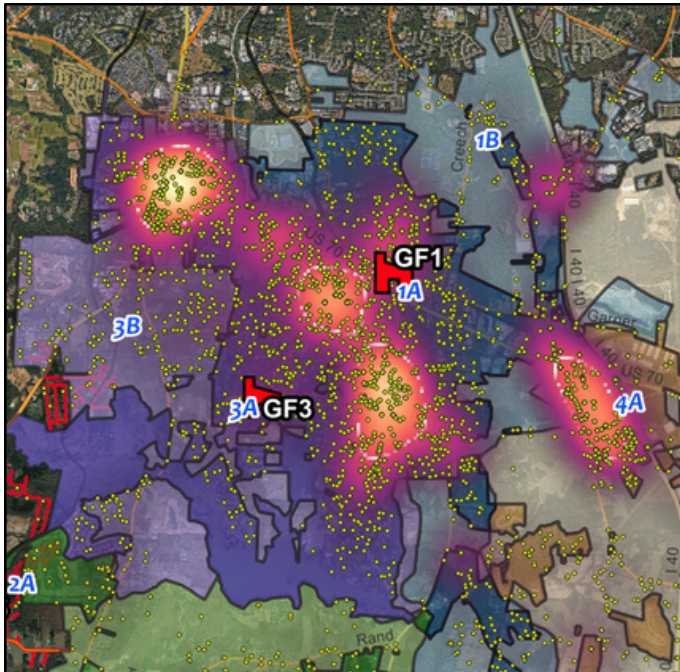


GFR GIS UNIT RESPONSES

2023 Unit Response Locations



2023 Unit Response Hot Spots



2023 Unit Responses by USNG

