



2022 Annual Report



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@apexfiredept

Website

[https://www.apexnc.org/262/
Fire-Department](https://www.apexnc.org/262/Fire-Department)

MESSAGE FROM THE CHIEF

2022 Year in Review

I am excited to share the 2022 Apex Fire Department (AFD) annual report with you, showcasing all the aspects of services provided, accomplishments, and things to come. I became the Apex Fire Chief on September 19, 2023 and quickly learned I was among a group of dedicated, passionate, and professional people, both within the fire department and the town as a whole. This environment of great people helped me as the new fire chief, hit the ground running and start to build upon the great foundation laid before me!



2022 had multiple milestones and will be a part of the AFD history forever. Construction began on Public Safety Station 6 on the north side of Highway 64. This created the need to hire 15 additional firefighters. These new firefighters started the AFD training academy mid-year and are looking forward to graduating in April 2023! With the additional fire station and personnel came the need for additional leadership positions, to include a new assistant fire chief and 3 new battalion chiefs.

As we move into 2023, I am honored to guide AFD in a positive direction as we open the new fire station, add 15 new firefighters to our family, fill the assistant chief position, and promote multiple members into new roles. This will put AFD in a great position to provide excellent service to our community through risk reduction, response readiness, and a genuine commitment to excellence in all we do. #theAFDmission

I am proud to serve as the Apex Fire Chief, and lead our dedicated group of fire service professionals. The men and women of AFD train, prepare, and serve our community, responding to any request that may arise, 24/7. We will continue to meet all the needs and challenges we encounter, striving to be the best in all we do!

Tim Herman
Fire Chief

AFD GUIDING PRINCIPLES

MISSION

The Apex Fire Department enhances the quality of life in our community through risk reduction, response readiness, and a genuine commitment to excellence in all we do.

VALUES

- Commitment to our mission
- Respect for others
- Diversity of thoughts and opinions
- Actions to strengthen teamwork
- Continual improvement
- Organizational transparency
- Trustworthy leadership

GOALS & OBJECTIVES (From current Town of Apex Game Plan)

Goal 1 – Response Readiness

- ✓ Ensure Health and Wellness is a priority for all staff members.
- ✓ Enhance training and professional development.
- ✓ Enhance physical resources and replacement programs.
- ✓ Evaluate the department's response capabilities.

Goal 2 – Risk Reduction

- ✓ Improve community outreach efforts and abilities.
- ✓ Ensure code enforcement programs are helping reduce risk.
- ✓ Evaluate current internal safety programs to ensure all personnel and facilities are in safety compliance.

Goal 3 – Commitment to Excellence

- ✓ Achieve fire service accreditation through the Center for Public Safety Excellence (CPSE).
- ✓ Improve internal and external communications.
- ✓ Improve recruitment and retention of diverse candidates.

AFD ACCOMPLISHMENTS

ADMINISTRATION and OPERATIONS

- Started construction of Public Safety Station 6.
- Hired 15 new firefighters to staff new station and create a 2nd Battalion Chief per shift.
- Added a new Assistant Chief position to oversee professional standards.
- Apparatus committee designed a new engine and aerial apparatus, both ordered.
- Created AFD goals and objectives in the town's "Game Plan" strategic plan to help guide all town departments for the next 5 years.
- Replaced all medical gear bags and automatic defibrillators.
- Completed a high-rise hose project and placed new 2" high-rise hose, nozzles, bags, and related equipment on all engines.
- Purchased new light weight RIC bags and placed them on all engines (these bags are equipped to save firefighters in distress).
- Standardized compartments and hose-loads on all apparatus improving the efficiency of emergency operations.
- Participated in Fire Prevention Week "Fire Won't Wait, Plan Your Escape".
- Participated in Marine Corps Toys for Tots program.
- Completed 19,017 training events with 34,173 hours of training with an average of 307 hours per full-time employee (FTE).
- Participated in National Night Out with APD, annual community-building campaign.
- Completed annual hose testing on 26,500 feet of hose.
- Tested all Self-Contained Breathing Apparatus (SCBA) in-house with certified personnel.
- Hired new fire chief.



AFD Teamwork is a Driving Factor towards our Accomplishments

AFD Fire Academy

Apex started a fire academy in August of 2022 with 15 cadets to staff the new fire station on Wimberly Rd. The academy is lead by Capt. Lee and classes are instructed by multiple Apex firefighters during the 35-week academy. At the end of the academy, all cadets will graduate with multiple certifications to include Firefighter Level 2, Emergency Medical Technician (EMT), Technical Rescuer, and Hazardous Material Level 1.

In 2022, the cadets completed the following:

- 19 weeks of a 35-week academy which included:
 - Orientation (Benefits processing, HR training, uniform & PPE issuance, policies and procedures, respiratory fit testing, seatbelt pledge, etc.)—27 hours
 - ICS 100, 200, 700, & 800 classes—13 hours
 - Emergency Medical Technician-Basic certification—288 hours
 - Traffic Incident Management Responder Training—4 hours
 - Emergency Vehicle Driver—29 hours
 - Firefighter 1&2 certification—216 (of 514) hours
 - Physical Fitness Training—84 hours

This totals 661 hours of training per individual and a combined total of 7,932 personnel training hours completed.



RESPONSE STATISTICS



Population
74,063



Service Area
66.2 sq. mi.



Total Calls
4,485



Unit Responses
6,793



Training Hours
34,173



Fire Calls
117



Medical Calls
2,017



Hazardous Calls
139



Fire Alarm Calls
521



Vehicle Accidents
382



Service Calls
335

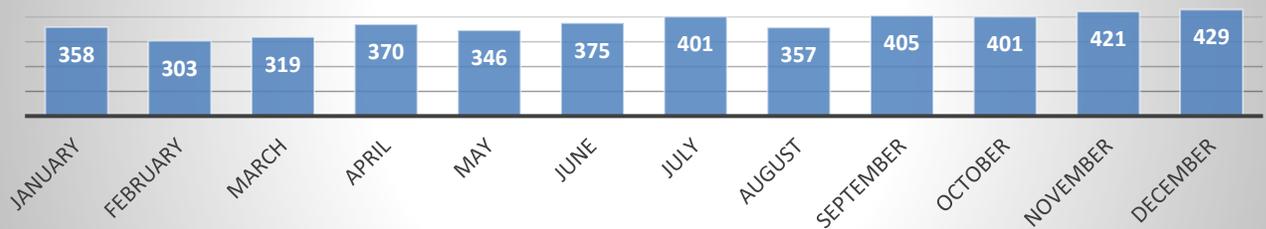


Technical Rescue
50

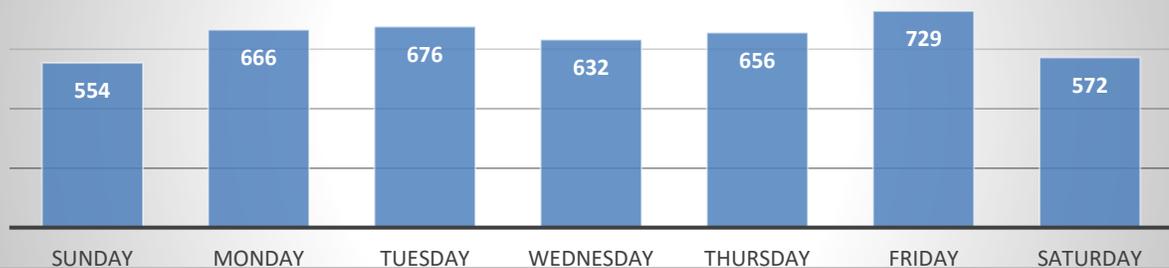


Electrical
49

Call Demand by Month

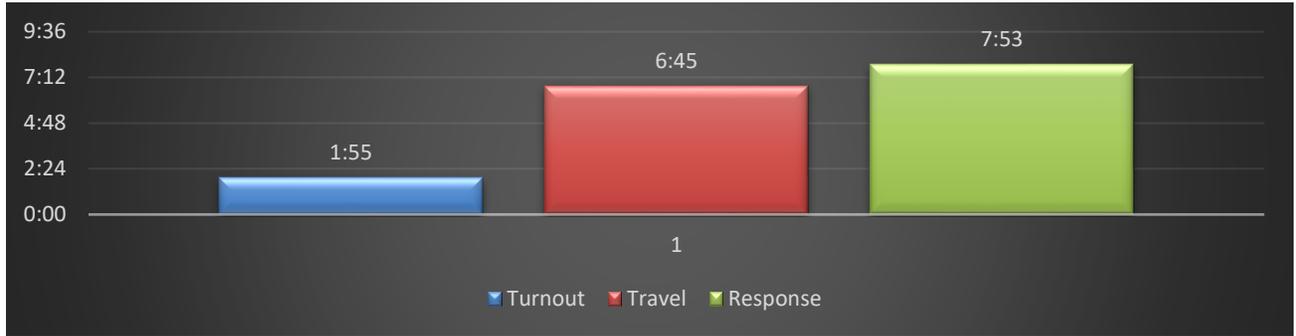


Call Demand by the Day of the Week

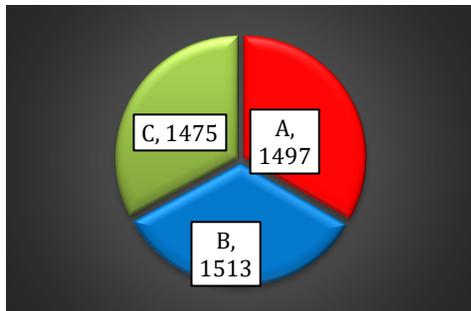


RESPONSE STATISTICS

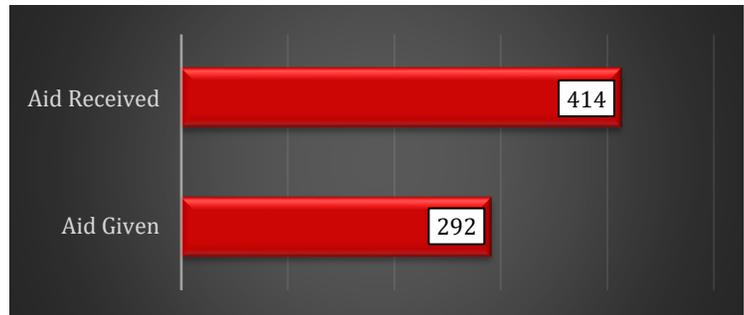
90th Percentile Emergency Response Time Performance



Call Demand by Shift

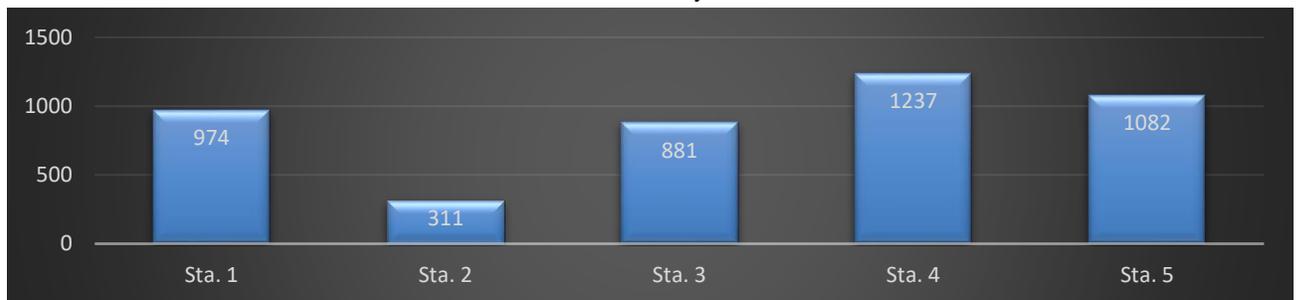


Mutual Aid

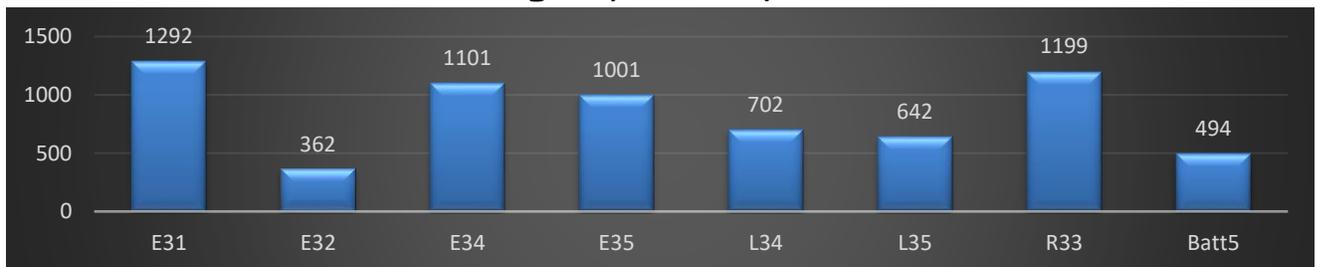


Call Demand for 2021 = 3,875
15.74% call demand increase for 2022

Call Demand by Station

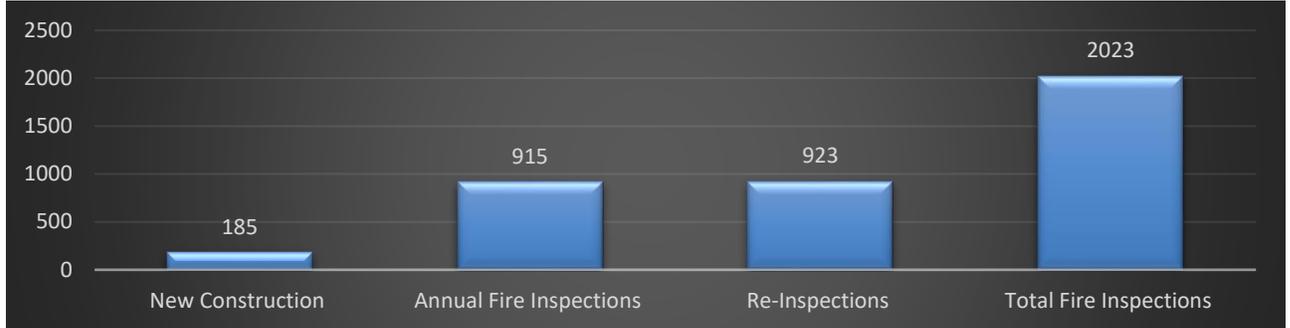


Emergency Unit Responses

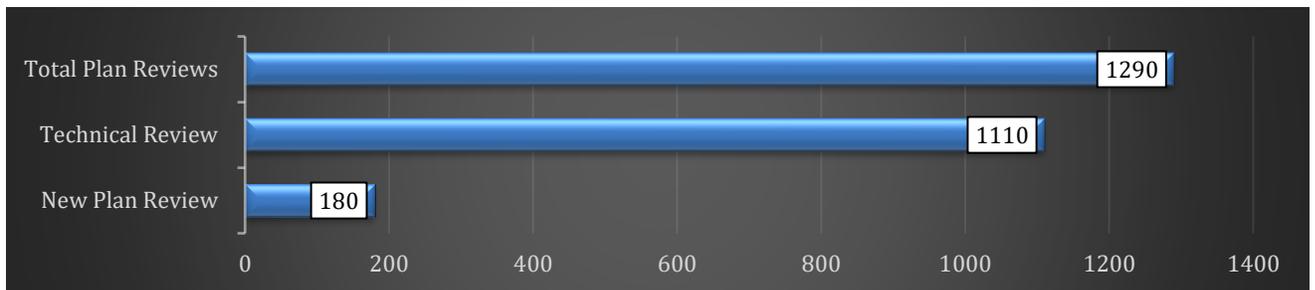


Risk Reduction

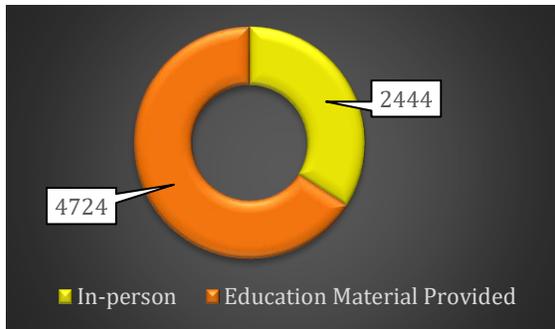
Fire Inspections



Plan Reviews (Fire)



Community Activities

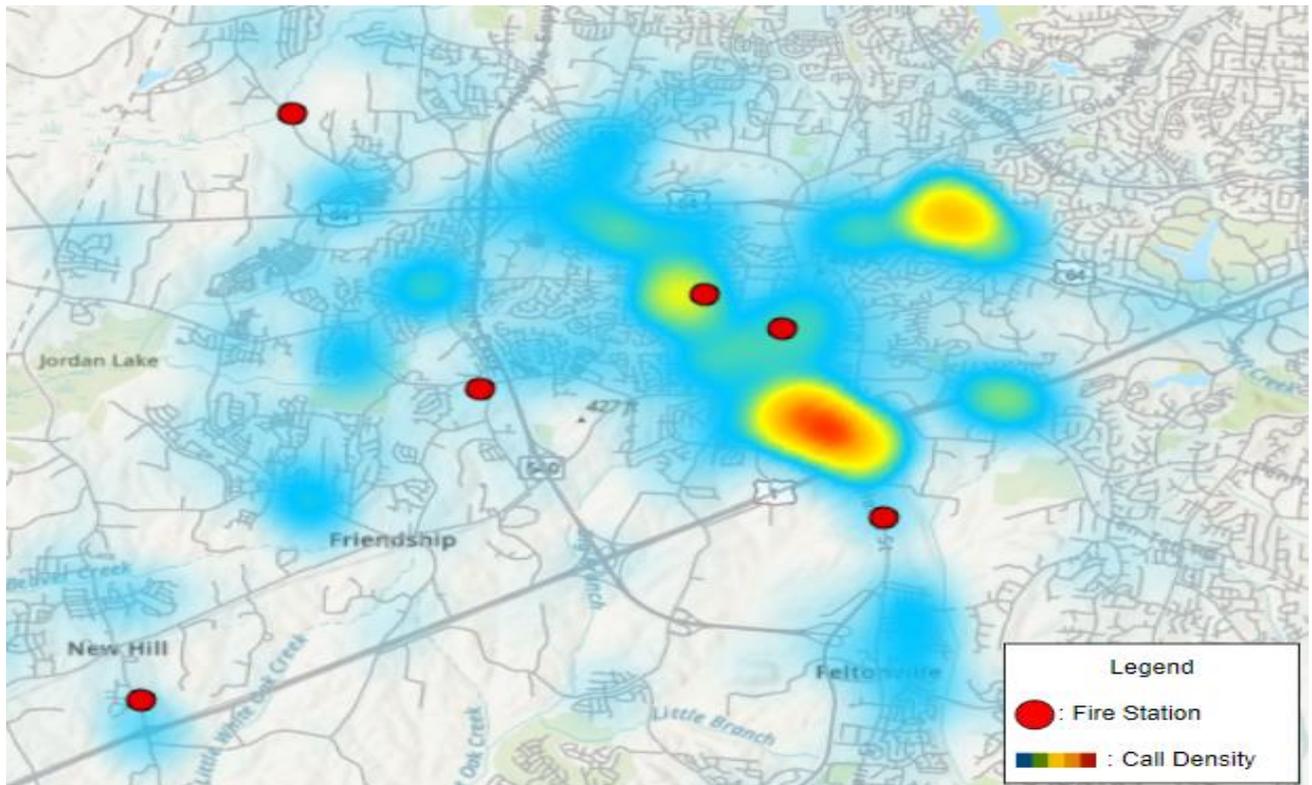
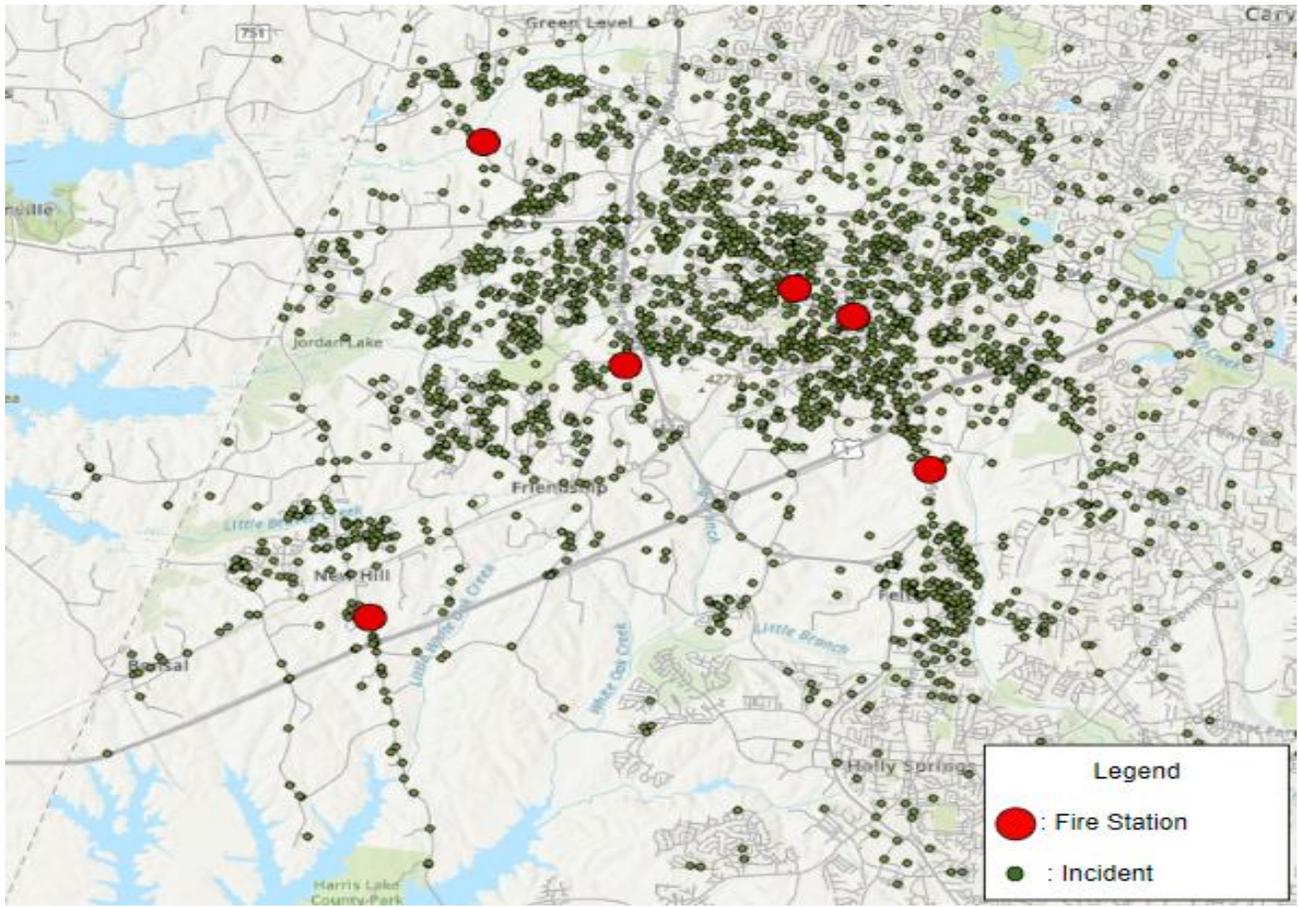


Car Seat Inspection/Installs



Fire Prevention Week Proclamation

2022 CALL LOCATIONS



2022 Capital Projects

New Fire Engine Ordered



New Aerial Ladder Ordered



New Fire Station Under Construction

