

Carol Stream Fire Protection District Annual Report 2023



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From the Chief

To: Fire District and Board of Trustees,

It is my honor to present the Carol Stream Fire District 2023 year-end report. 2023 was another very productive year for the fire district.

In 2023, the fire district completed a series of three special meetings under a new committee called "Decennial Committee." This committee was part of a new law passed in Illinois mandating certain taxing bodies to look at their efficiency to the residents that they serve.

The fire district participated in a voluntary OSHA inspection of the policies, procedures, buildings within the fire district. OSHA concluded with positive findings and feedback.

Our fire district puts a great emphasis on fire and EMS training.

The fire district continues to be a part of the West Suburban Fire Alliance which is comprised of 6 fire departments (Carol Stream, Wheaton, Bloomingdale, West Chicago, Winfield, and Roselle). As the Alliance, we train together each month and operate under the same standard operating guidelines. In addition, we have the same responses for fire incidents, which gives us the resources needed immediately with all personnel being trained and operating the same on an emergency scene. This equates to a safer and more efficient fireground or emergency scene. It also saves money due to having the multiple resources available to the fire district right away.

Our biggest personnel change for 2023 was that the fire district hired a second Deputy Chief as part of its succession plan and to assist with the many duties that the Fire Chief and Deputy Chief are tasked with. Deputy Jason Day was hired in March. FF/PM Kevin Gay was promoted to Lieutenant and Jason Larson was hired as a new FF/PM in July.



The fire district was awarded a federal grant for two different pieces of equipment. The first was an air cascade system which is used to fill our SCBA bottles with air. The second was stair chairs which are on each ambulance and used to move patients in tight areas and down/upstairs. A third non-AFG grant was awarded for new iPads to be used for our fire investigation team conducting a fire investigation. Total amount of dollars received in grant money for 2023 was \$115,606.00.

Ordering new apparatus continues to be challenging due to long build times for the construction of fire and EMS vehicles. The fire district did take delivery of a new utility pick-up truck and new tower ladder. An order for two new ambulances was placed with a lead time of 18-24 months. The fire district continues to be aware of the long lead times and is proactively staying ahead by ordering vehicles earlier.

The fire district continued to complete improvements to our 3 fire stations. Concrete work was completed to the parking lots at Station 27 and 29. Station 28 had its original asphalt parking lot replaced.

Operationally, the fire district experienced its busiest year ever with respect to calls for service. The fire district responded to 6,387 calls from our three fire stations.

In closing, I thank you for looking over our 2023 annual report for the Carol Stream Fire District. I would like to also thank everyone who works for the fire district and makes us the best of the best by giving 100% each and every day. We strive to give our residents and visitors the best fire and EMS service possible.

Respectfully,

Robert M. Schultz

Fire Chief

Board of Trustees

William G. Natick
President



Karl Langhammer
Treasurer



Richard Fisher
Secretary



Brian Jordan
Trustee

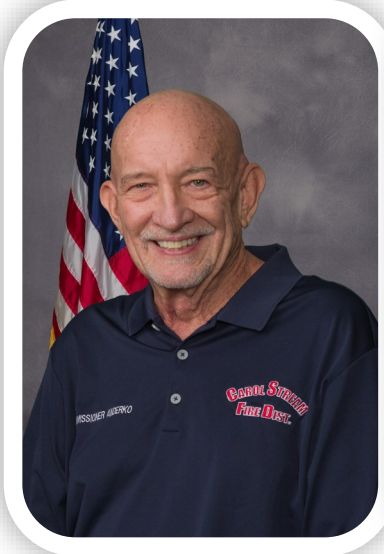


James Panopoulos
Trustee



Fire Commissioners

Kenneth Anderko
Chairperson



Joseph Pauling
Secretary



Robert Hoff
Commissioner



District Personnel

Administrative Staff

Robert Schultz
Fire Chief

Tom Nash
Deputy Fire Chief

Jason Day
Deputy Fire Chief

Angela Kneisel
Administrative Manager

Sara Moist
Administrative Assistant

Terri Flores
Administrative Assistant

Tim Ryan
Fire Inspector

Scot Neil
Fire Inspector

Vick Maxon & Butch Smith
MSW – IT Consultants

Sara Moist
Recorder – Board of Trustees

Shift Battalion Chiefs

Jeff Blaksley

Chad Grandgeorge

Danny Stelter

Lieutenants

Michael Bratta

Kevin Hencinski

Ben McClarey

Tim Cicero

Jason Kanzia

Steve Netzel

Patrick Coulter

Rick Kozak

Domiano Shurba

Kevin Gay

Eric Larson

Eric Wieringa

Firefighters & Paramedics

Lucero Avina

Donald Hane

Scott Naylor

Mark Bjorklund

Joseph Hanson

Dan Nelson

Josh Conlon

Max Hively

Frank Palermo

Tony Davenport

Derek Killey

Dan Patt

Frank Defino

Kasia Koscielniak

Jesus Pineda

Lauren Fairfield

Michael Kucia

Tyler Poffenbarger

Mike Fairfield

Jason Larson

Nick Potthoff

Patrick Felde

Joe Lauria

Drew Schultz

Chris Fischer

Jake Mapalo

Dylan Schultz

Tom Flannery

Ethan McReynolds

Steve Sievers

Levi Franklin

Joe Melone

Landon Starkey

Michael Foss

Chris Molsen

Josh Stein

Nate Gianpetro

Zach Morel

Tim Stratton

Nathan Grant

Adam Mullendore

Michael Timothy

Kevin Hames

James Mulligan

Gilberto Villa

Financial Summary 2023

The Carol Stream Fire Protection District utilizes a conservative budgeting process that stresses financial responsibility to its taxpayers while providing the highest level of protection and education possible.

For the fiscal year 2023, the Carol Stream Fire Protection District once again received a clean, unqualified audit from its outside CPA firm. Revenues exceeded expenses by a moderate amount, demonstrating strong management in maintaining and controlling expenses. Below is a recap of the District's revenues and expenses.

Revenues

For the fiscal year ended May 31, 2023

Property Tax	\$11,849,997
Replacement Tax	\$ 513,125
Foreign Fire insurance Tax	\$ 134,631
Charges for Services	\$ 2,319,969
Intergovernmental	\$ 265,918
Investment Income	\$ 98,216
Insurance Reimbursement	\$ 6,730
Miscellaneous	\$ 72,565
Sale of Assets	<u>\$ 85,880</u>
Total	\$15,308,822

Expenditures

For the fiscal year ended May 31, 2023

Fire Protection	\$ 7,138,126
Ambulance	\$ 5,500,909
Insurance	\$ 480,831
Social Security	\$ 119,382
Audit	\$ 15,361
Foreign Fire	\$ 92,488
Capital Outlay	<u>\$ 715,388</u>
Total	\$14,062,485

Division and Staff Reports

Information Technology Vicki Maxon and Butch Smith

Accomplishments

- Upgraded the district communications infrastructure to Station 29
- Upgraded the district phone system server
- Managed the upgrade of the district website
- Replaced two servers
- Configured new Zoll monitors to connect to wireless in any CSFPD vehicle
- Implemented iPads for Fire Investigation
- Completed an update to Telestaff
- Recycled electronics
- Put an emphasis of proactively monitoring cyber security threats

Preplan Program Lieutenant Steve Netzel

Pre-plans contain drawings and building information for commercial and multi-tenant buildings which the fire district protects. This information is uploaded to our vehicle computers, enabling firefighters to reference locations of equipment such as sprinkler connections, hydrants, hazards inside, roof access, gas shut off, electric shut off and much more in case of emergencies.

Accomplishments

- Created new preplan drawings for new construction in the fire district
- Scheduled companies to update preplans for commercial/multifamily buildings every month
- Oversaw and created CAD drawings for all updated pre-plans
- Worked with Fire Prevention Bureau to update fire district hazards and key box keys
- Trained FF's to assist drawing preplans

Safety Committee Lieutenant Steve Netzel

Year End Review

- New OSHA Board installed at Station 28
- Placed in service a Reeves Sleeve Draggable Lift Device for each medic unit
- Purchased a supply of cut-resistant safety gloves
- Reviewed all safety concerns regarding the fire stations, apparatus and equipment

Safety Committee Members

Chief Schultz

Deputy Chief Nash

Deputy Chief Day

Lieutenant Netzel (Committee Chair)

Inspector Ryan

Firefighter/Paramedic Medendorp

Firefighter/Paramedic Felde (Local 3192 Safety Steward)



Public Education Lieutenant Tim Cicero

The importance of Public Education in the fire service cannot be overstated. Fire safety education provides the following benefits:

- Preventing injury/death for our residents
- Preventing injury/death for our firefighters
- Saving hundreds of thousands of dollars for our residents
- Saving hundreds of thousands of dollars for our fire district
- Promoting positive public relations and experiences to our residents

It is the mission of the Public Education Department to provide excellent educational programs to the residents of our community and reduce/eliminate both civilian and firefighter deaths and injuries from home accidents and fires, while also creating positive experiences to the residents of our community.

Lieutenant Tim Cicero is the Public Education Coordinator. The 60 firefighters/medics along with every fire district employee participates in some form of education/public relations during the year, and everyone does an outstanding job.

Social Media Statistics

The fire district's Facebook webpage is continuing to gain followers and likes. This is a great way to inform our social media community.

- 19 Facebook posts in 2023
- 67,783 people reached virtually
- 9,796 page visits
- 2,800 followers



Public Education Month

We successfully visited 15 educational facilities in October, instructing over 3,000 children in person at their schools. Off duty members and on duty crews were the instructors for the children. Every student went home with activity books to complete.

Open House

We successfully hosted the Open House this year at station 28 on Saturday October 7, 2023 from 10am-2pm. We had more than 900 guests visit that day, and had multiple new presentations of our hands-on equipment throughout the day.

Events

- Senior Events—5 events - 16 hours
- Community Events—19 Events – 17 Hours
- Church Events—4 Events – 6 Hours
- Fire Extinguisher and First aid - 10 Classes – 25 Hours
- School Visits- 10 visits—10 Hours (excluding October)
- Block parties—10 events
- 7 Station tours
- On duty crews handed out glow sticks in the neighborhoods on Halloween



CPR

Firefighter/Paramedic Michael Fairfield

The importance of teaching CPR to the public cannot be overstated. CPR has proven to save lives for those in cardiac arrest. The Carol Stream Fire District provides limited CPR and first aid instruction to the public and businesses in the community. We have been teaching more businesses in our district than in previous years, both on-site at station 28 and off-site at the business locations.

American Heart Association Statistics

Annually, 475,000 Americans die from a cardiac arrest. Globally, cardiac arrest claims more lives than colorectal cancer, breast cancer, prostate cancer, influenza, pneumonia, auto accidents, HIV, firearms, and house fires combined. 90% of those who suffer cardiac arrest outside the hospital setting will die. However, CPR, especially if administered immediately after cardiac arrest, can double or triple a person's chance of survival.

Instructors

Michael Fairfield—CPR Coordinator	Joe Hanson
Derek Killey	Lauren Fairfield
Patrick Felder	Josh Conlon
Jesus Pineda	Tim Stratton

Classes Taught in 2023

CSFD instructors taught 21 Classes to 159 participants.



EMS Operations

Firefighter/Paramedic Kevin Hames (EMS Coordinator)

- Attended Chief/EMS Coordinator meetings with CDH
- Oversaw the IDPH and CDH annual inspections for the 4 medic units
- Completed the IDPH and CDH self-inspections for the 3 fire suppression vehicles
- Completed the annual maintenance on the cardiac monitors
- Completed the annual maintenance of the ambulance cots, stair chairs and power load systems
- Ordered and maintained the EMS supplies for all 3 stations
- Received a grant to purchase 4 new stair chairs
- Assisted with the specs for two new ambulances



Personal Protective Equipment

Lieutenant Rick Kozak

The Personal Protective Equipment (PPE) Division is in charge of making sure all of our firefighters have some of the best and up to date turnout gear on the market to keep them as safe as possible on all incidents they respond to. This turnout gear is used for all structure fires, vehicle fires, extrications, trainings, and any other time turnout gear is needed. Gear is inspected on a biannual basis and is sent out for repairs if needed. The gear also has a life span and is on a replacement schedule for all members. This year several sets of gear were ordered and delivered to new members, and also to members needing new gear due to the gear's age. In addition to the turnout gear, the PPE division also supplies fire boots, gloves, helmets, and Nomex hoods to all members.

Station 27,28,29 Small Tools

Lieutenant Dom Shurba, Firefighter/Paramedic Dan Patt, & Firefighter/Paramedic Derek Killey

- Maintained all consumables including oil dry, tarps, batteries, saw blades, saw fuel, and chains
- Maintained all tools and equipment
- Purchased equipment for the new Engine 29, including flashlights, chargers, tool mounts, and brackets
- Placed into service all new small tools on the new frontline Tower Ladder 28
- Completed annual service, inspections, and maintenance on all ground ladders, fire extinguishers, and hydraulic and E-Draulic extrication tools
- Purchased a new thermal imaging camera for the driver's position on Squad 27
- Maintained the District's meters and calibration machine by purchasing new calibrating gases and replacing sensors in the meters when necessary
- Performed annual Hurst Tool maintenance on both E-Draulic and hydraulic extrication tools for both Squad 27 and Engine 29



Vehicle Maintenance

Firefighter/Paramedic Michael Foss

Accomplishments

- Maintained the fleet for minor repairs
- Managed all vehicles going out to be repaired by outside repair vendors
- Continued with the semi-annual preventative maintenance
- Conducted annual pump testing
- Completed annual aerial certifications
- Took delivery of the new Tower 28 and put into service
- Took delivery of the new Station 27 pickup and put into service
- Ordered a new pickup for Station 28
- Sold the old reserve tower and placed 2011 Tower 28 into reserve status
- Purchased a new Skid Steer to assist with snow removal

Fitness Program

Firefighter/Paramedic Josh Stein

- Preventive maintenance performed on all fire district fitness equipment
- Purchased ancillary exercise equipment for all three stations, including a new rower and fitness bike
- Continuing education for peer fitness trainers
- Conducted fitness incentive program for district employees



Communications

Lieutenant Dom Shurba

- Maintained all the portable radios for the district through the ETSB of DuPage County
- Maintained all pagers and small replacement parts for portable radios including antennas, mic cables and batteries
- Repaired and/or replaced headsets for all the fire apparatus

SCBA Division Lieutenant Kevin Gay

- Fire district received an Assistance to Firefighters Grant and placed order for new SCBA compressor system and two fill stations
- Performed annual fit testing
- Performed annual flow testing
- Performed SCBA repairs as needed
- Performed hydrostatic testing of 45-minute SCBA bottles
- Purchased additional SCBA bottle quick connect adapters for Squad 27 pneumatic tools
- Completed all required NFPA maintenance



Hose and Appliances Lieutenant Eric Larson

- Completed annual hose testing for all district firehouses per NFPA 1962
- Removed all failed hose and retired all hose prior to 2004
- Purchased and received six 50' lengths of yellow 1 ¾" attack hose for station 27
- Purchased and received 800' of orange 2½" hose to replace 3" hose on reserve 27
- Repaired and replaced pressure relief valve for Station 28 and Station 29 hose tester
- Replaced numerous hose adapters and appliances for the fire apparatus

Fire Investigation Firefighter/Paramedic Eric Wieringa

The Carol Stream Fire Investigation Unit (FIU) investigated approximately 27 fires during 2023; 7 Vehicle fires, 5 structure fires, 5 cooking fires, and multiple miscellaneous fires.

The FIU team was able to secure a grant that incorporated iPads for our fire investigation reports. The iPads were purchased with grant money and all reports have moved to the Bomb Arson Tracking System, (BATS). This is a Federal program which tracks all fires in the nation. We are able to use the reporting system for free, and it is a much more user-friendly way to do reporting. Being a web-based program, reports can be accessed at any time, anywhere for review. Each investigator completed the required online training through CFITrainer.net. These are online training videos that test the student at the end of the program. When the test is then passed, each student gains a certain number of tested hours to use towards recertification every 4 years. Members attended outside classes as well.

The team at this time consists of 8 members:

Lt. Eric Wieringa	Lt. Domiano Shurba
FF Joe Hanson	FF Frank Palermo
FF Dan Nelson	FF Chris Fischer
FF Lucy Avina	FF Jesus Pineda



Training Lieutenant Patrick Coulter

- Worked with the other members of the Alliance Training Committee to provide quick drills, company officer drills, and mandatory training for Carol Stream and the other Alliance towns
- Provided and instructed multi-company training and live-fire training at our training tower
- Worked with the chief officers to develop a direction for our training
- Worked with Target Solutions to better capture and track our training
- Conducted training with all members at two different properties where structures were being torn down

Training Tower

Lieutenant Jason Kanzia

Every year the training tower strives to produce the best and most realistic training we can. This year was no different as we facilitated and hosted numerous fire departments and an impressive number of students. Carol Stream firefighters benefited greatly from all the effort put forth by those who assisted in the training tower this year. Below is a list of training tower highlights from 2023.

- Set up training tower for 2023 season, including an all hands spring clean-up
- Purchased and stored hay, flares and lumber materials throughout 2023
- Cut and stocked multiple materials for forcible entry and ventilation props
- Performed major clean up and organized training tower tools and storage room
- Performed general maintenance and upkeep of training tower, including repairs of walls and rebuild of second floor burn room
- Replaced numerous battery-powered tools to replace old tool
- Trained multiple new members to successfully participate in the training division
- Performed inspection and cleaning of both smoke generators
- Hosted 3-day Fire Behavior class taught by outside instructor
- Began fabrication of second floor roof forcible entry door prop
- Hosted 3 Alliance multi-company live fire trainings with each training reaching approximately 64 firefighter and paramedics plus numerous chief officers per day
 - Single family
 - Multi-family
 - RIT
- Hosted Special Operation Alliance trainings pertaining to:
 - Confined Space
 - Rope Recertification
- Multiple Carol Stream multi-company evolutions/trainings
- Hosted multiple outside departments/academies with approximately 490 participants
- Prepare training tower and grounds for winter
- Designed and set up SCBA confidence course to use throughout winter months

Technical Rescue

Lieutenant/Paramedic Kevin Hencinski

The Technical Rescue Team was busy sending members to Technical Rescue Classes, upgrading/replacing equipment and coordinating drills.

Highlights

- Upgrade of high-speed/lightweight rope rescue equipment
- Addition of four new members to the team
- Replacement of consumables (saw blades, lumber, etc.)
- Replacement of equipment that has reached the service life (helmets, anchor straps, etc.)

Classes/Training

- Members obtained nine technical rescue state certifications
- Created monthly technical rescue roll call drills for Target Solutions
- Prepared, coordinated and instructed five Alliance special ops drills
- Hosted WSFRA, Rope Rescue Operations Class
- Continued sending members to classes with the intention of technician level of all members



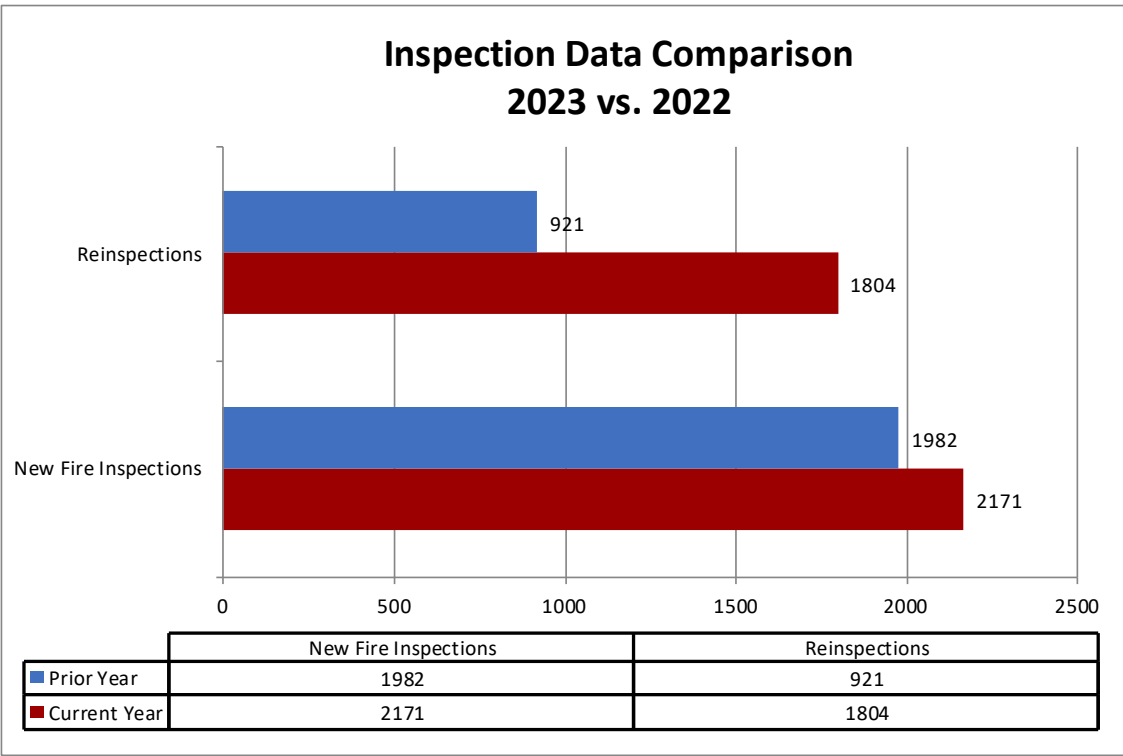
Station 27,28,29 Building Maintenance Firefighter/Paramedics Mike Kucia, Chris Molsen & Tyler Poffenbarger

- Repainted parking lines in parking lots
- Purchased and installed a tankless water heater at Station 29
- Maintained and repaired garage doors
- Installed new utility sink at Station 29
- Completed annual sprinkler testing and maintenance at all three stations
- Completed annual generator maintenance at all three stations
- Completed annual landscape maintenance at all three stations
- Completed annual floor drain and basin cleaning at all three stations
- Completed annual backflow preventer testing
- Completed annual crane inspection at Station 28
- Completed annual garage door maintenance at all three stations
- Installed new DEF hose reel
- Replaced refrigerators at Station 28
- Replaced washing machine at Station 28 and Station 29
- Replaced water fountain at Station 28
- Oversaw drain Maintenance program
- Removed gravel pad for snow removal
- Raised floor drain grates in bays, making them flush to floor at Station 27
- Completed new watch desk was completed on bay floor and made improvements to the layout and design of the area at Station 27
- Painted tool room and all man doors and door frames in Station 27



Fire Prevention—Inspections Inspector Tim Ryan and Inspector Scot Neil

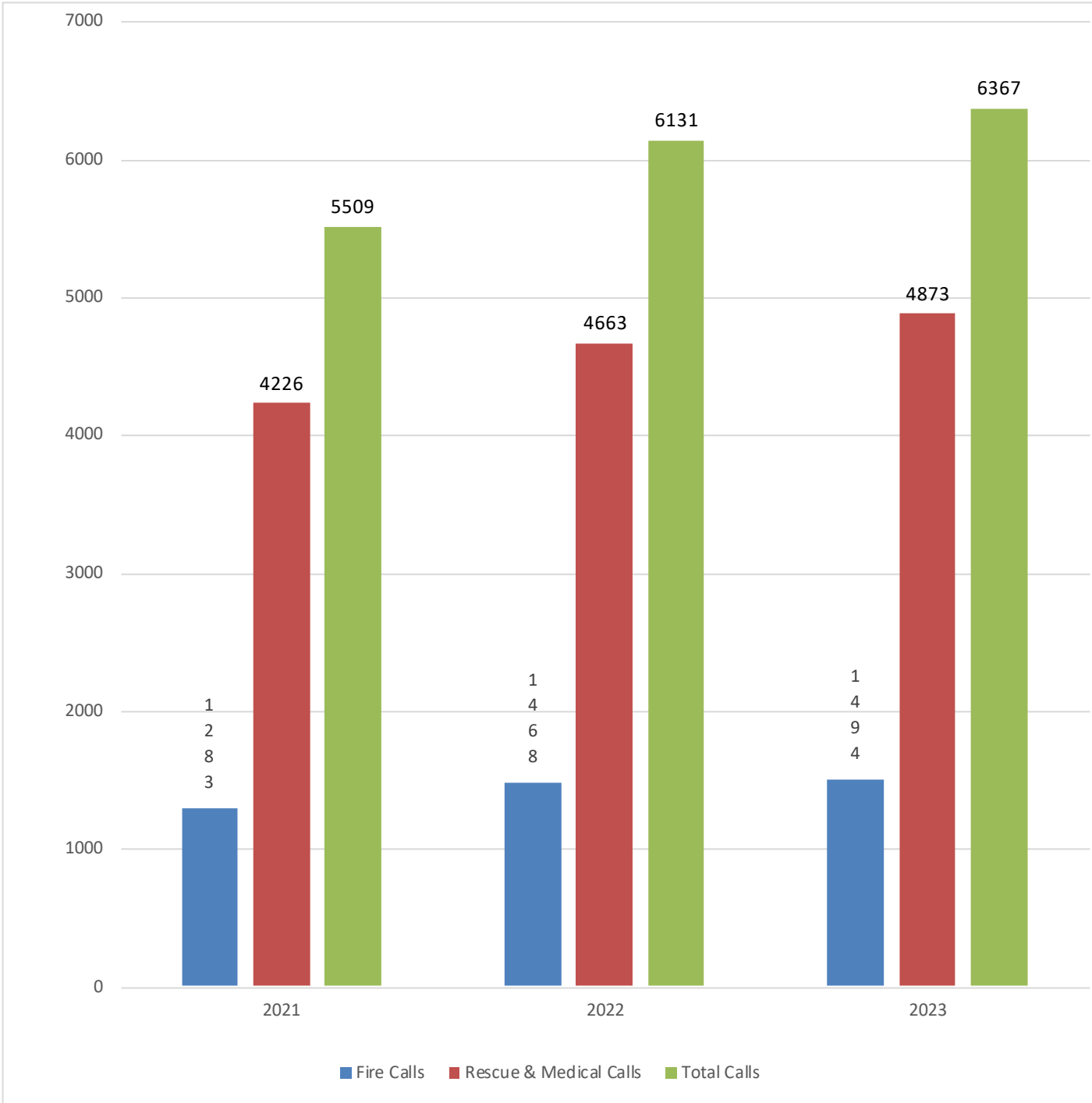
The Fire Chief is responsible for the management and daily operation of the Fire Prevention Bureau. The Fire Prevention Bureau is responsible for conducting life safety and code compliance inspections of all commercial and industrial businesses and multi-family occupancies within the fire district. The Fire Prevention Bureau is staffed with 2 full-time fire inspectors who strive to meet the demands of an increasingly diverse occupancy inventory and maintain knowledge of everchanging technology and code enforcement practices. There are approximately 1,567 buildings, commercial and public occupancies located within the district which are inspected on an annual or semi-annual basis.



The Fire Prevention Bureau inspection duties include:

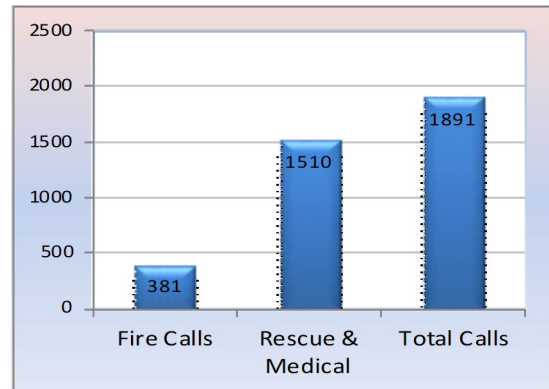
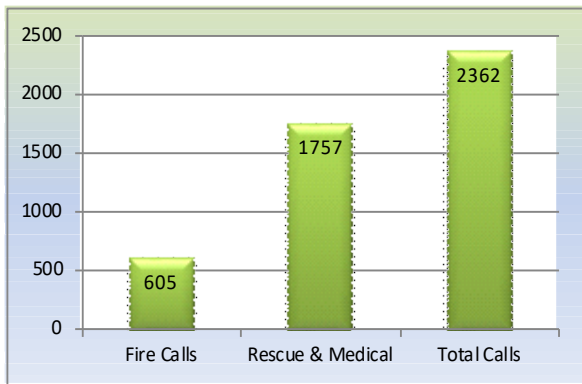
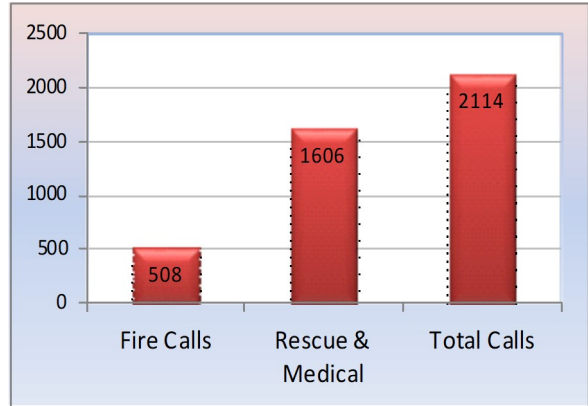
- Annual business and multi-family dwelling fire safety inspections
- Code compliance for Fire & Life Safety Codes
- Re-inspections for code violations
- School fire safety inspections and fire drills for public and private schools

2021 ~ 2023 Three Year Comparison of Fire, Rescue & Medical Calls



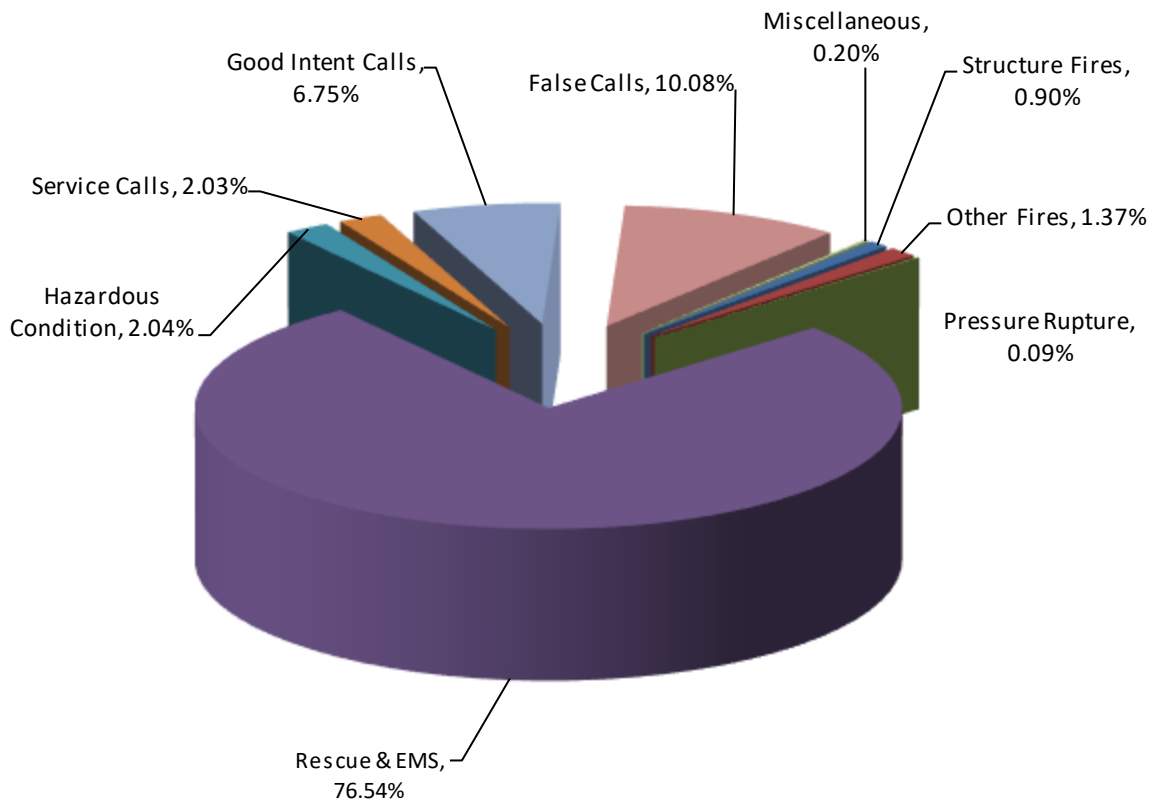


2023 Calls Handled by Station



2023 Fire District Responses By Incident Type

Incident Type	# of Incidents	% of Total Incidents	Incident Type	# of Incidents	% of Total Incidents
Structure Fires	57	0.90%	Service Calls	129	2.03%
Other Fires	87	1.37%	Good Intent Calls	430	6.75%
Pressure Rupture	6	0.09%	False Calls	642	10.08%
Rescue & EMS	4873	76.54%	Miscellaneous	13	0.20%
Hazardous Condition	130	2.04%			



2023 Rescue & EMS Responses Statistical Breakdown

Type of Call	# of Patients	% of Total Patients	Type of Call	# of Patients	% of Total Patients
Medical Emergencies	1967	40.37%	Psychiatric	412	8.45%
Traumatic Injuries	1107	22.72%	Overdose / Poisonings	66	1.35%
Vehicle Accidents	305	6.26%	Miscellaneous	142	2.91%
Breathing Related	448	9.19%	Obstetrical	26	.53%
Cardiac Related	400	8.21%			

