

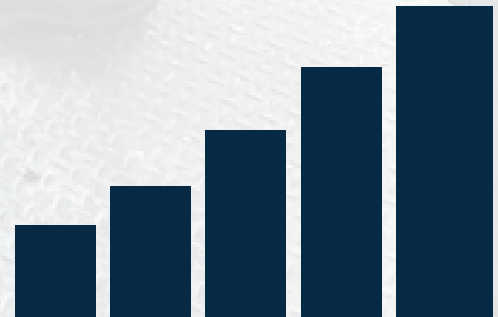
2023 Annual Report



CEDAR AREA FIRE & RESCUE
8907 RAILROAD AVE., CEDAR, MI, 49621
231-228-5396

Table Of Contents

About Us:	4
Department Administration:	5
Our Team:	6
Mission, Vision, Values:	7
Budget Breakdown:	8
Making History:	10
Incident Information:	12
Training:	17
Apparatus:	20





A MESSAGE FROM THE CHIEF

On behalf of our team here at Cedar Area Fire & Rescue, welcome to our 2023 annual report! We are excited to share with you all we were able to accomplish last year. In the following pages you will see the results of tireless effort by our staff to bring the best service we can to our community. We will cover some information on the types of calls we responded to and a little bit about the demographic we serve the most. From fires and car accidents to medical emergencies, we responded to a multitude of different incidents throughout our area and we provided assistance to our neighbors as they do for us.

Nothing we do would be possible without the support we receive from our community as a whole. Our ability to increase staff, become an advanced life support transporting agency, respond with the latest technology and many other examples are a true testament of the support we receive from citizens, township officials and the fire board. We are truly lucky to be able to serve this community and we hope that you are proud of the efforts we make to keep you all safe!

Best Regards

Chief Doornbos



About Us

Cedar Area Fire & Rescue is located in the heart of beautiful Leelanau County. Our single fire station is situated next to Victoria Creek in the Polish historical town of Cedar. On April 1, 2016, the Solon/Centerville Fire Department, owned by Solon and Centerville Townships and serving Kasson and Cleveland townships by contract, was reorganized as Cedar Area Fire & Rescue. This new department is governed by an interlocal agreement that includes Solon, Centerville, Cleveland, and Kasson Townships as equal partners. This new inter-local agreement permits a five-member Fire Board to provide guidance to the department and includes one representative from each partner township and a citizen-at-large.

Cedar Area Fire & Rescue is a combination department with full-time and part-time staff that provide all levels of firefighting, emergency medical services and technical skills to our community twenty-four hours a day 365 days a year. With our three-person duty crew, we are able to provide Advanced Life Support ambulance transport for EMS calls. This change from Basic Life Support was completed in October of 2023.

Fire responses in our jurisdiction are handled with a multitude of specialized equipment including a fire engine, water tanker, wildfire truck, and a Kubota UTV. These vehicles carry specialized equipment which allow us to handle incidents including structural and wildland fires, vehicle accidents, ice and water rescues, wilderness and other types of technical rescues and Hazardous Materials incidents. Our department has an International Organization for Standardization (ISO) rating of 9-10. This rating reflects a multitude of criteria that we use to better provide service to our community.

Department Administration



CEDAR AREA FIRE & RESCUE BOARD OF DIRECTORS

L to R In the Photo:

Secretary: John Imboden - Cleveland Township

Member at Large: John DePuy

Vice Chairman: Chris Comeaux - Solon Township

Treasurer: Ron Schaub - Centerville Township

Chairman: Greg Julian - Kasson Township



ANDREW T. DOORNBOS CHIEF OF DEPARTMENT

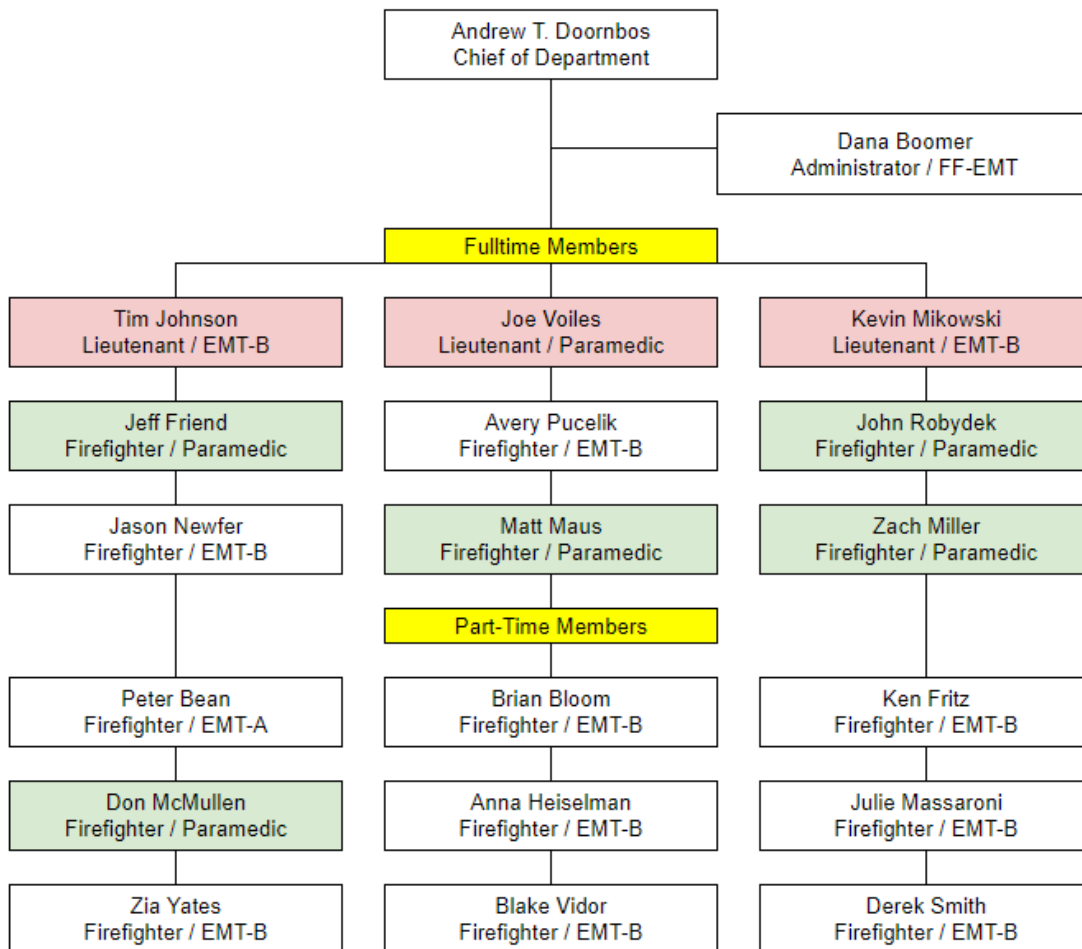
After a 16 year career at Grand Traverse Metro Fire Department Chief Doornbos joined Cedar Area Fire & Rescue in 2020 as the Chief of Operations and accepted the role of Chief of Department in 2021. Chief Doornbos has held many roles within the fire service including Firefighter, Lieutenant, Captain, Training Officer, Special Operations Team Manager, Assistant Chief and now Chief. This diversity of experience and training provides our department with a great foundation to build into the future with.



DANA BOOMER ADMINISTRATOR

Joining Cedar Area Fire & Rescue in 2016, Ms. Boomer fills multiple roles within our department. She is contracted by the Fire Board as our department bookkeeper and recording secretary. Within our department she manages a large portion of our Human Resources needs while filling the role of Firefighter / EMT-B. Holding the state designation of Professional Emergency Manager, Ms. Boomer brings a vast knowledge of emergency preparedness and both public and private sector management experience.

Our Team

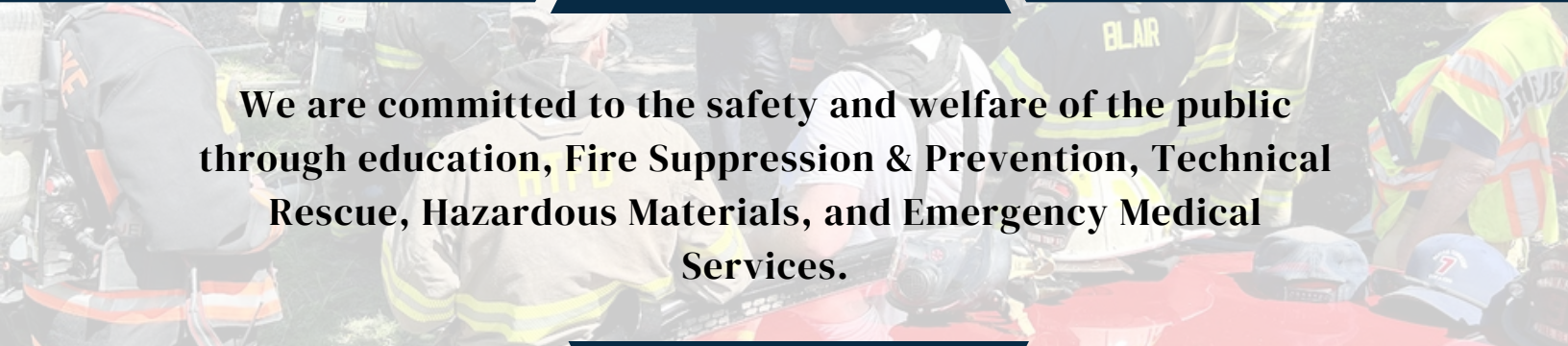




Mission, Vision & Values



Mission



We are committed to the safety and welfare of the public through education, Fire Suppression & Prevention, Technical Rescue, Hazardous Materials, and Emergency Medical Services.



Vision



The membership of Cedar Area Fire & Rescue, through our commitment to innovation, service, and excellence, will always strive to be leaders in fire and emergency services, and be the model of a community centered department.



Values



Professionalism – Excellence – Caring

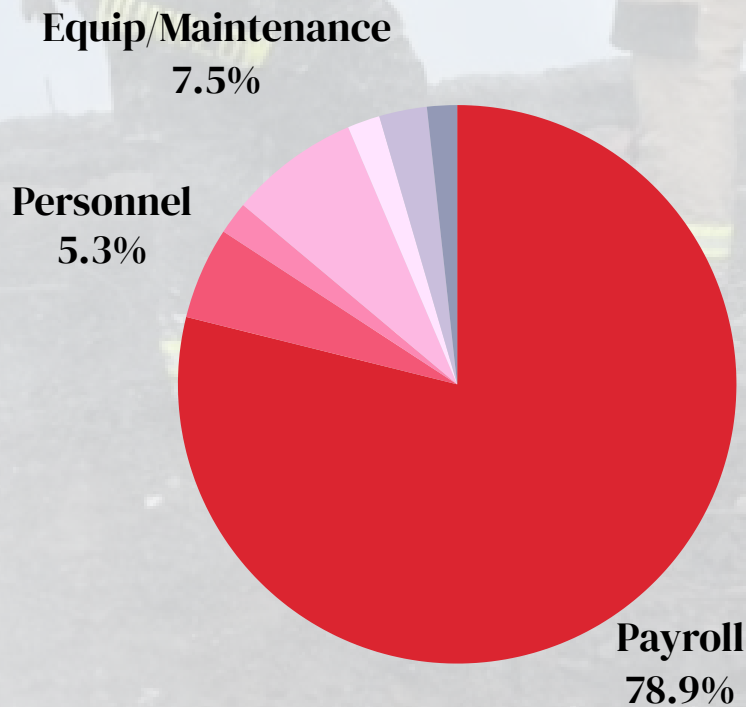
Budget Breakdown

Cedar Area Fire & Rescue is over 90% funded by contributions from Centerville, Cleveland, Kasson and Solon Townships. The 2023/2024 Fiscal Year operating budget totals \$1,199,915.16. Of this, \$1,083,915.16 is contributed by the townships, while the remainder is funded through charges for ambulance transports, utility company standbys, and ambulance standbys at Glen Lake Community Schools sporting events.

OPERATING EXPENSES

Over 78% of the operating expenses for CAFR are personnel-related, including wages and benefits for the full- and part-time staff. Other expenses include training, uniforms and personal protective equipment, vehicle and equipment maintenance, medical supplies, fuel, and building maintenance and utilities.

Operating Expenses by Cost Center



Budget Breakdown

CAPITAL BUDGET

The four townships also contributed a total of \$92,789.45 to the department for capital expenses in the 2023/2024 fiscal year. This money is used to pay for new capital equipment, such as apparatus, air packs, EMS equipment, and station equipment. In 2023, capital monies were used for loan payments for the primary ambulance and engine, to complete the purchase of the new command vehicle, received in December 2023, and to make the down payment on a new ambulance, to be received in 2025.

BUDGET CHANGES

Since 2016, CAFR's budget has increased on a yearly basis. Over the last six years, these increases have allowed the department to transition to a 24/7 service model providing Advanced Life Support (ALS) services with a full-time chief. Department funds are focused on providing staffing to maintain this service level, increase training for all incidents and hazards faced by the department, provide necessary equipment for staff, and generally maintain the department.

GRANTS

Grand Traverse Band - First Half 2023 - 2% Distribution: \$3,995

This grant was for funding to purchase medical training equipment needed for continued education for our department Paramedics. The equipment received included an infant manikin capable of accepting IV starts and ECG rhythm displays along with other equipment necessary to keep up their skills.

Grand Traverse Band - Second Half 2023 - 2% Distribution: \$14,590

The Leelanau County Chiefs Association received this grant for the purchase of a new fit-test machine for our SCBAs. This new machine will require less maintenance and provide a quicker test while utilizing the newest technology to keep our firefighters safe.

Making History

Cedar department now licensed for Advanced Life Service

By Amy Hubbell
amy@cedarfireandrescue.com

It's been some time in the making, but Cedar Fire and Rescue has been certified as a full-time Advanced Life Service (ALS) provider.

In October, the department passed its state ALS inspection and is now licensed to provide this service.

"We were able to provide ALS care under the Bennett Bill but that was a temporary option for us. The change to an ALS transporting agency means that we now will have a paramedic on shift all of the time. That means our citizens will have access to advanced care faster than we have ever been able to provide it," said Andy Doornbos, fire chief.

Doornbos is the second full-time chief in the short history

of the department, which goes back to 2015. That year, the Solon-Centerville Fire Department along with the townships of Cleveland and Kasson, agreed to a new interlocal agreement creating the Cedar Area Fire & Rescue. The agreement which began April 1, 2018, under the direction of Chief Dan Petroskey and a board composed of one member from Cleveland, Centerville, Kasson and Solon township, plus an at-large member.

Each township, individually, determined how to meet its financial obligation for the new organization and received millage support from voters.

At that time, the department has 25 staff total with three full-time firefighters working rotating 12-hour shifts. Nights were covered by members responding from home. By August of

that year, the department had hired three additional full-time staff members, allowing the station to be open 24/7 with three, two-person shifts.

And while the department was able to man the station, it was saddled with an aging fleet of vehicles and equipment. In 2018, under the direction of Chris Comeaux, the department's first full-time chief, replacing the retired Petroskey, the department replaced its 1984 brush truck; sold its 1996 tanker and 1994 ladder truck; ordered a new ambulance and added a mobile command truck to the fleet.

This was not possible when the department was formed as no moneys were set aside for future purchases. The new ambulance was delivered in 2019, however, the department retired its old fire engine due to

mechanical issues and a new engine was ordered.

Things were pretty quiet in 2020 with the COVID pandemic. Comeaux retired and Doornbos was hired in March 2021 as his replacement.

Seven months later, the department, which has previously offered Basic Life Support, was authorized to operate as a conditional ALS service as allowed under the state's Bennett Bill. This allowed the department to offer ALS with paramedics on board.

These purchases were put in place as the department staff completed additional rescue training. The department first full-time paramedic was hired and two additional members began paramedic school.

In November of that year, the department began the strategic planning process and completed


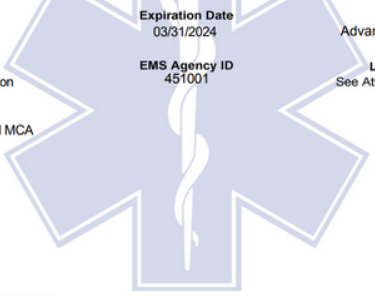
a facilities evaluation of the station which was then forwarded to Solon and Centerville township which retained ownership of the fire hall in Cedar.

Two staff members graduated paramedic school and another began paramedic courses.

This year, the roof of the fire hall was replaced; three additional members were hired—two paramedics and one emergency medical technician—and with the advanced training, passed its state inspection.

"None of the advances that we have been able to make since 2015 would be possible without the unwavering support of our community, continuous work from our staff or the guidance of the fire board and our member township elected officials," Doornbos said.

October 2023 will be fondly remembered as a great step forward in service delivery for our citizens! Passing our agency inspection was the culmination of years of planning and work from staff, elected officials and ballot box support from our community! At 7 am on October 12th, 2023, Cedar Area Fire & Rescue officially began responding as an Advanced Life Support agency. Our first official response as the primary ALS transport for our citizens came at 7:52 am that same day!

STATE OF MICHIGAN		
 Bureau of Emergency Preparedness, EMS and Systems of Care		
Pursuant to Act 368 of 1978, as amended, this license to operate a Life Support Agency in the State of Michigan is issued to:		
CEDAR AREA FIRE & RESCUE		
Effective Date	Expiration Date	Highest Level
10/11/2023	03/31/2024	Advanced Life Support
Service Type	EMS Agency ID	Licensed Vehicles
Ambulance Operation	451001	See Attached Vehicle List
Service Area(s):		
Northwest Regional MCA		
		
<small>THIS LICENSE IS VALID FOR 60 DAYS PAST THE LISTED EXPIRATION DATE</small>		
<small>PLEASE POST IN A PROMINENT PLACE</small>		

Making History

What's the difference between our old BLS license and our new ALS license you ask? Here are some key differences:

Differences between BLS and ALS

BLS (EMT-Basic)

- CPR
- Artificial ventilations
- Oxygen administration
- Basic airway management
- Spinal immobilization
- Vital signs
- Bandaging/splinting
- Obstetrics
- Blood Glucose monitoring

ALS (EMT-Paramedic)

Can provide all BLS skills plus:

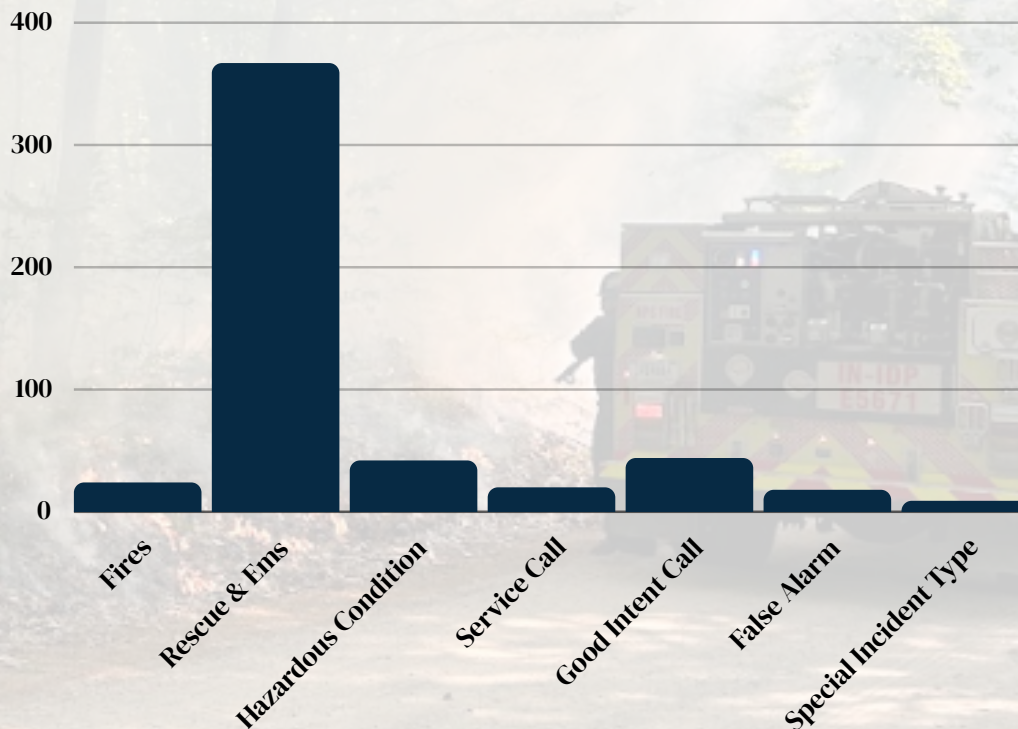
- EKG monitoring
- Manual defibrillation
- Advanced airway management
- External transcutaneous pacing
- Fluid therapy
- Needle chest decompression
- Administration of critical care medications

While these are not every difference we have seen in our upgrade these are some major differences that will have a positive impact on our ability to provide the highest level of service we can to our citizens.

Incidents Summary

In 2023 Cedar Area Fire & Rescue Responded to 523 calls for service. The following pages will provide some statistical breakdown of those incidents.

BREAKDOWN OF CALLS BY MAJOR INCIDENT TYPE

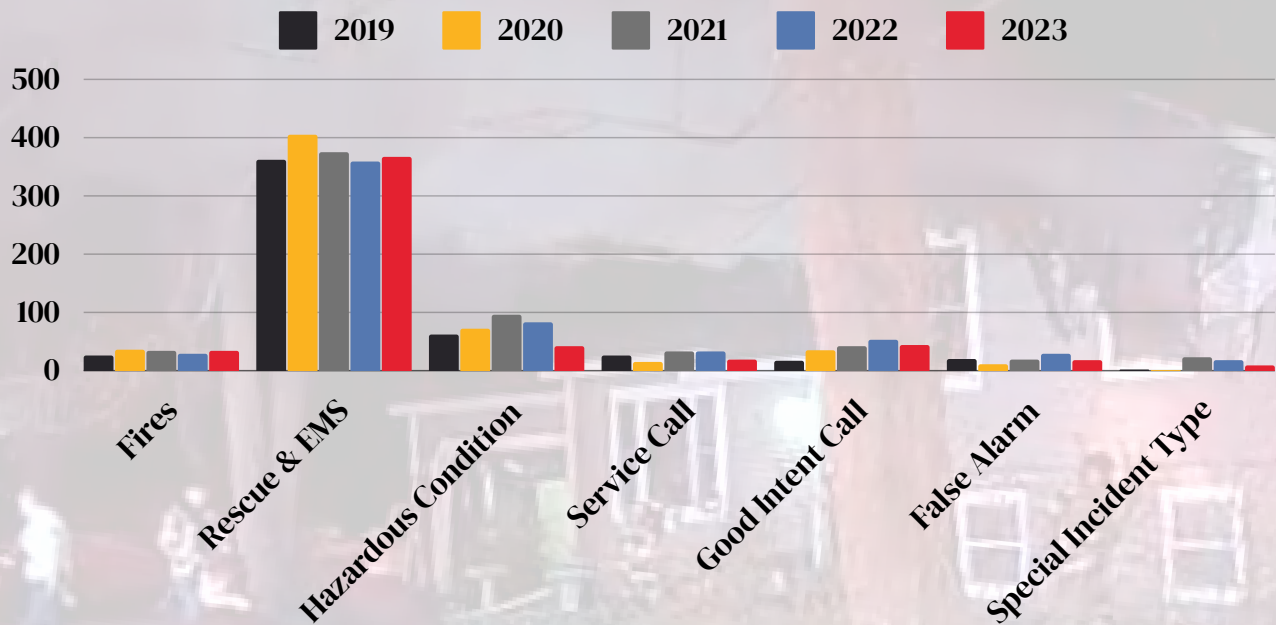


Each of these major incident type categories listed above were slightly down in calls for service from last year except for our EMS Incidents. In 2022 we responded to 359 EMS incidents and in 2023 we were called to 367.

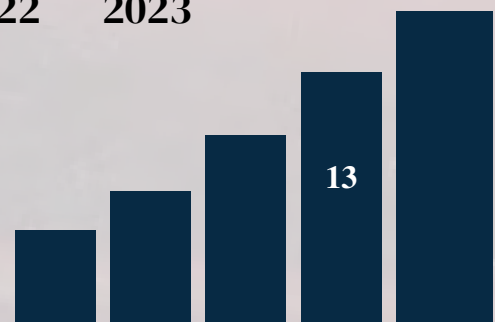
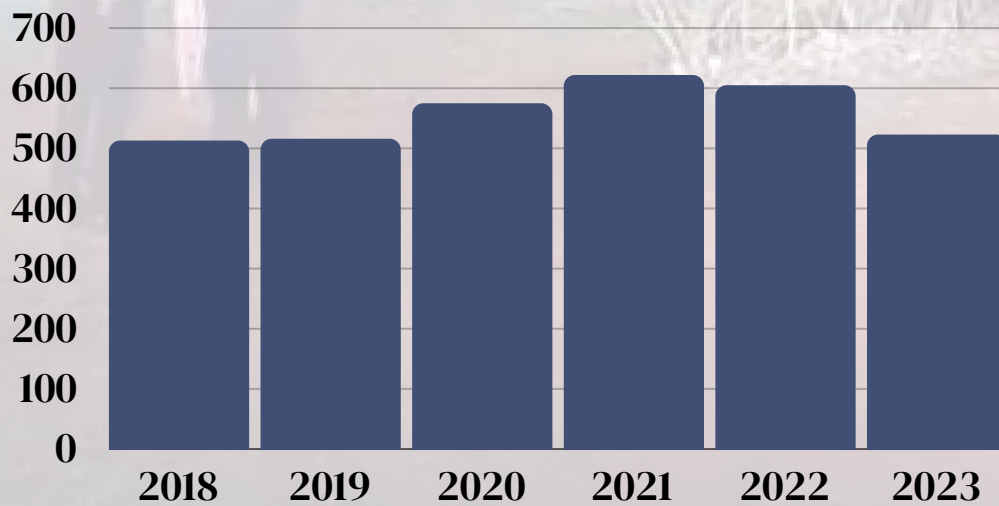


Incidents Summary

FIVE YEAR COMPARISON BY MAJOR INCIDENT TYPE

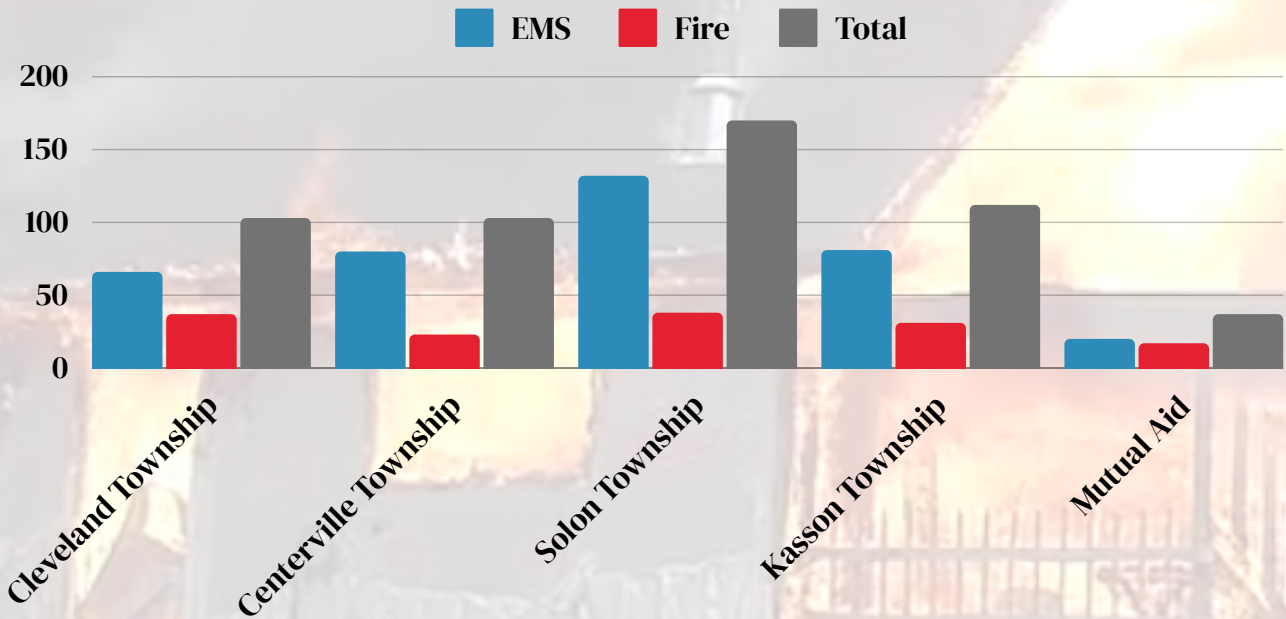


SIX YEAR COMPARISON: TOTAL CALLS FOR SERVICE

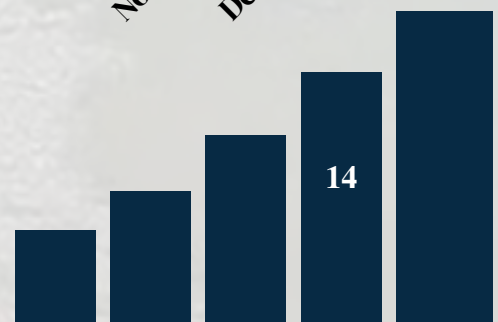
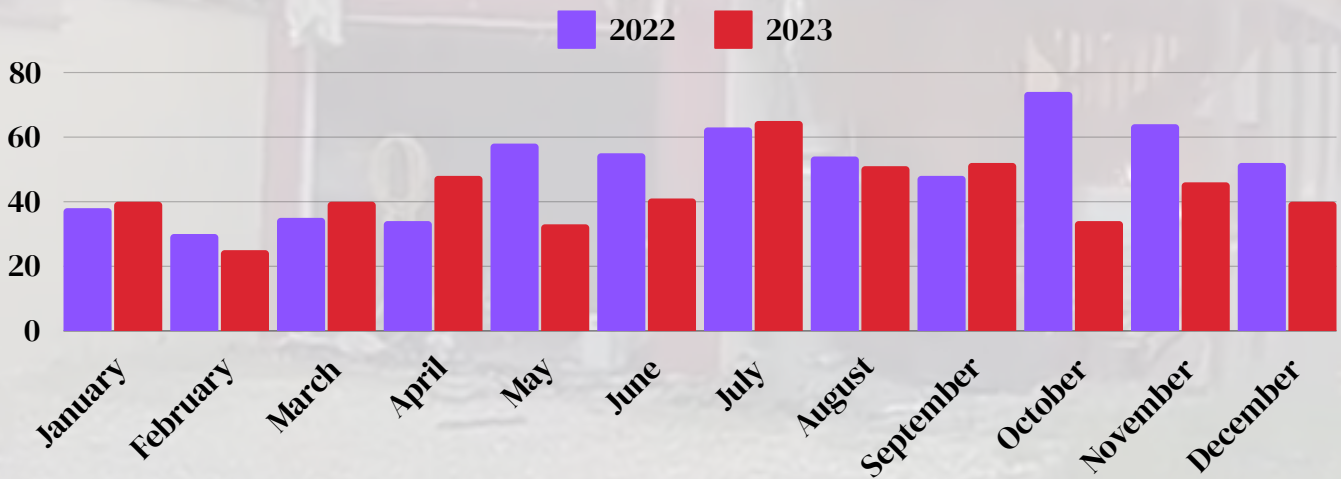


Incidents Summary

2023 INCIDENTS BY TOWNSHIP



CALLS FOR SERVICE BY MONTH

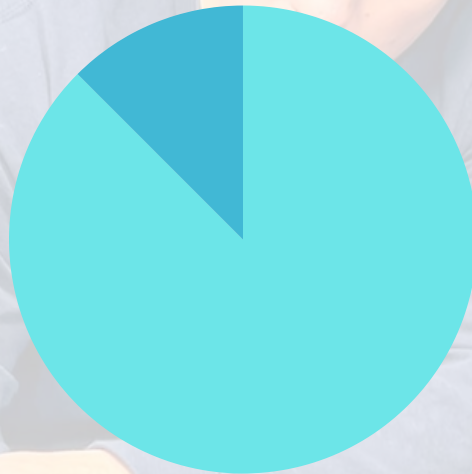


Incidents Summary



2023 ALS RESPONSE

Other ALS
12.5%



Cedar ALS
87.5%

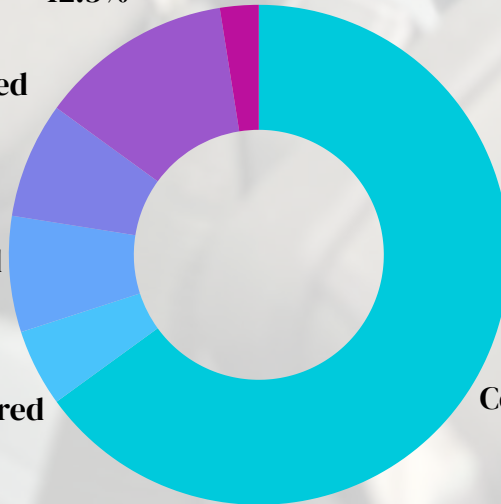
2023 OVERLAPPING CALLS

MMR Covered
12.5%

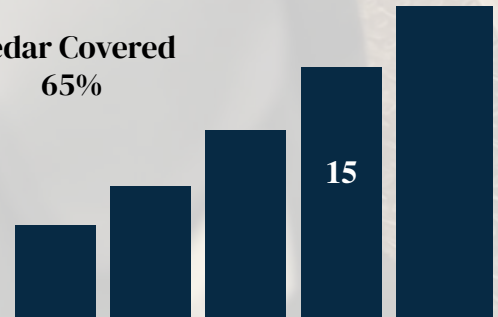
Elmwood Covered
7.5%

Leland Covered
7.5%

Glen Lake Covered
5%

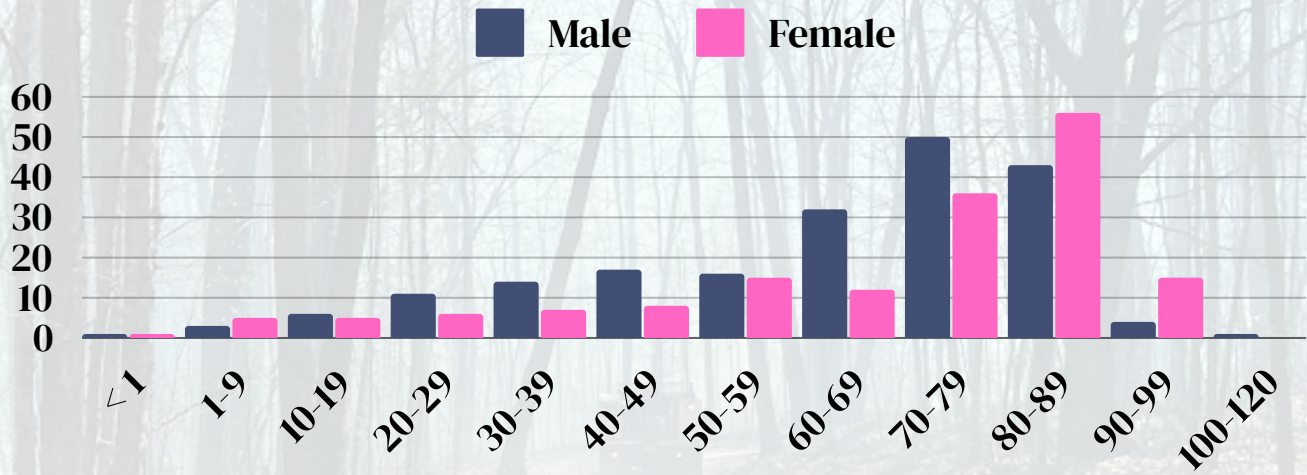


Cedar Covered
65%

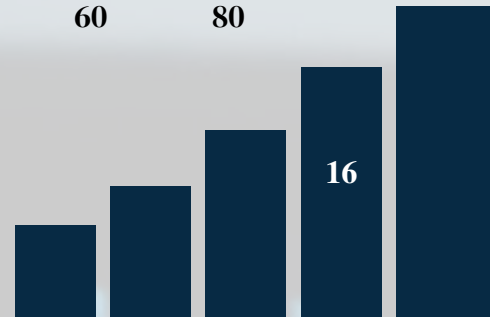
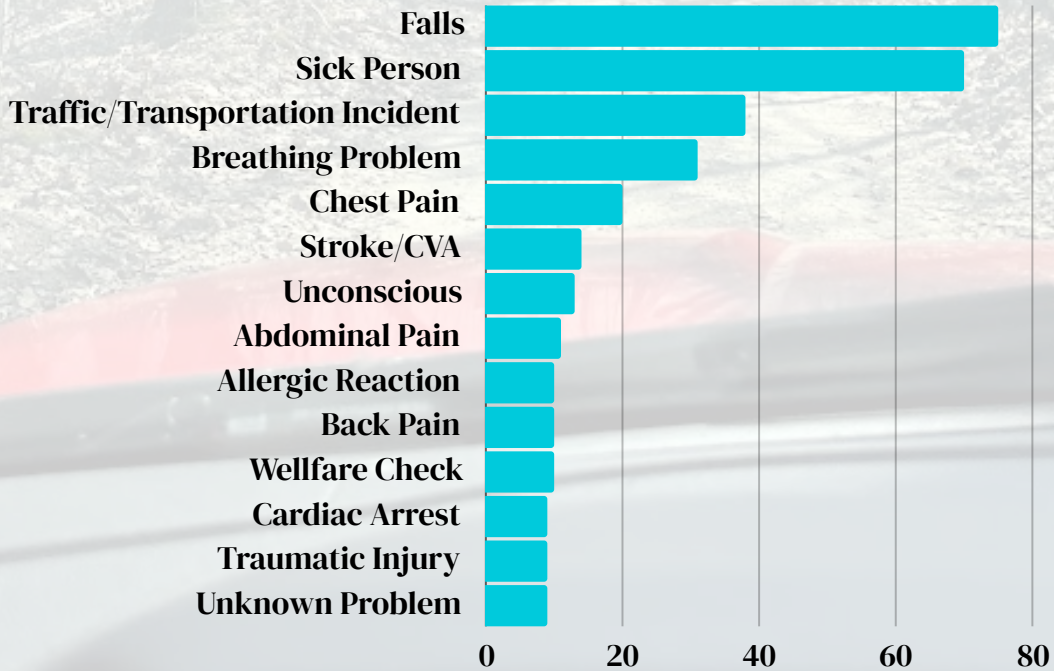


EMS Incidents

EMS RESPONSES BY PATIENT AGE



TOP EMS CALLS FOR SERVICE



Training

For last year your Cedar Area Fire & Rescue members completed 2,931 hours of training. The following pages show some highlights of the rigorous training our members do to keep our community safe.



FF/EMT Anna Heiselman attended a live burn training put on by Almira Township Fire Department. These types of training are not frequent and are very valuable to new members

Throughout 2023 all of our Lieutenants completed BlueCard command training. This is a type of incident command system that follows standard communications and management of resources at the scene of emergency incidents.



Training



In partnership with all of the other fire departments in the county we are fortunate to have our “County Training Trailer”. This trailer holds training props that are not realistic for each department to keep and maintain. Each department gets the trailer for at least a month a year to practice on these props.

With our department now providing ALS care full time, our members continue to work on these advanced skills to make sure they are always ready.



Training



Operating our equipment during an emergency requires a great deal of time and training to become proficient. We not only train on some of the advanced skills we may need but we also put a great deal of time into the basics like apparatus pumping.

Much of our job is physically along with mentally demanding. Our members put a great deal of pride into their physical fitness. Being physically fit is essential to our ability to perform our job when time matters.



Apparatus

Engine 811



The engine is a 2020 Pierce Sabre 4X4. It responds to all fire calls within our response area and is called to neighboring areas for mutual aid. On top of our firefighting equipment it carries 750 gallons of water, extrication equipment for motor vehicle accidents and technical rescue equipment for rope rescues and hazardous materials incidents.

Tanker 822

The tanker is a 2012 International and our water on wheels. It carries 2,000 gallons of water and some supplemental equipment for fire related incidents. It responds to all structure fire incidents in our district and as mutual aid to our neighbors. It also serves as the back up for our engine should that be out of service.



Brush 841



Our brush truck is a 2018 Ford F-250 and it responds to all wildland fire incidents. It also serves as the tow vehicle for our UTV. Brush 841 responds as a mutual aid resource and has responded as far as Karlin to assist with large wildfires. It carries 200 gallons of water and other specialized wildland fire fighting equipment.

Apparatus

Kubota 881



Our Kubota is a 2015 XT 900. It is equipped with tracks that allow us to navigate areas that the original tires would not. It responds to all wildfire incidents and as a support vehicle for technical rescues. It carries 50 gallons of water and wildland firefighting equipment.

Ambulance 891

Ambulance 891 is a 2019 PL Custom F-450 chassis. It is our primary ambulance and carries some light rescue equipment that allows us to handle some small scale incidents without having to bring other apparatus with us.



Ambulance 892



Ambulance 892 is a 2012 American Rescue International chassis. It serves as our backup ambulance but it can respond to incidents as a second ambulance should we receive multiple calls for service at once and have the staff to respond with it.

Contact Us



231-228-5396



adoornbos@cedarareafirerescue.org



sites.google.com/cedarareafirerescue.org/cedarareafirerescue/home

