



2022

# ANNUAL REPORT

**CEDAR AREA FIRE & RESCUE**  
8907 RAILROAD AVE., CEDAR, MI, 49621

# TABLE OF CONTENTS

<b>Our Department</b>	<b>2</b>
<b>Mission, Vision, Values</b>	<b>3</b>
<b>Our Team</b>	<b>4</b>
<b>Our Community At A Glance</b>	<b>6-9</b>
<b>Budget Breakdown</b>	<b>10</b>
<b>Incident Information</b>	<b>12-16</b>
<b>Maintenance &amp; Apparatus</b>	<b>17-19</b>
<b>Public Education</b>	<b>20</b>
<b>Department Training</b>	<b>21</b>
<b>Michigan MABAS</b>	<b>22</b>
<b>Acknowledgements</b>	<b>23</b>

# Chiefs Message

On behalf of our team here at Cedar Area Fire & Rescue, welcome to our 2022 annual report! We are excited to share with you all we were able to accomplish in 2022. In the following pages you will see the results of tireless effort and forethought on how we can better and more efficiently serve you. From members graduating paramedic training and National Fire Academy courses to the development of a five year strategic plan that lays out our goals and the corresponding tasks needed to meet them, all aspects of our department, operational and administrative, were assessed and developed in 2022.



The five areas we focused our strategic plan on were response, training, prevention, wellness and support services. Each of these main areas are the bedrock of how we provide service to our community. 2022 also brought us a full year under the Bennett Bill which allows us to provide primary ALS transport if we have a Paramedic on duty. Later in our report you will find more statistics on this critical ability. We also made strides in the county to more efficiently respond to incidents when mutual aid is required. The county chiefs are continually working on ways to bring better and more efficient services to our community. As you can see we are working on all fronts on ways to improve our service. I could not be more proud of our staff, they truly are some of the best! We hope you enjoy our report and please let us know if you have any questions on what we do!

Respectfully,  
Chief Doornbos

# Our Department



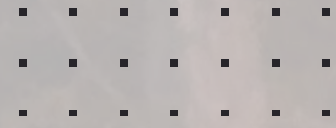
Cedar Area Fire & Rescue is located in the heart of beautiful Leelanau County. Our single fire station is situated next to Victoria Creek in the Polish historical town of Cedar. On April 1, 2016, the Solon/Centerville Fire Department, owned by Solon and Centerville Townships and serving Kasson and Cleveland 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 two-person duty crew, we are able to provide Basic Life Support ambulance transport for EMS calls. For those calls that require a higher level of care than we can currently provide, we receive Advanced Life Support through contracts with Leland Township Fire & Rescue, Mobile Medical Response, and Glen Lake Fire & Rescue.



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.

# Mission, Vision and Values



## Mission

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

# Our Team

Our Department is overseen by a 5 member board

Board President - Greg Julian, Kasson Township

Vice President - Chris Comeaux, Solon Township

Treasurer - Ron Schaub, Centerville Township

Secretary - John Imboden, Cleveland Township

Member at Large - John DePuy

Andrew Doornbos  
Chief of Department

Dana Boomer  
Administrative Assistant  
Firefighter / EMT-B

Kevin Mikowski  
Lieutenant / EMT-B  
Fulltime

Matt Maus  
Firefighter / Paramedic  
Fulltime

Don McMullen  
Firefighter / Paramedic  
Part-Time

Andrew Bakker  
Firefighter / EMT-B  
Part-Time

Tim Johnson  
Lieutenant EMT-B  
Fulltime

Avery Pucelik  
Firefighter / EMT-B  
Fulltime

Ken Fritz  
Firefighter / EMT-B  
Part-Time

Austin Novak  
Firefighter  
Part-Time

Blake Vidor  
Prob. Firefighter  
Part-Time

Joe Voiles  
Lieutenant / Paramedic  
Fulltime

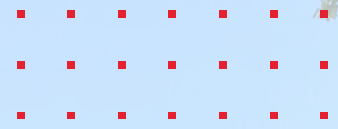
Jeff Friend  
Firefighter / Paramedic  
Fulltime

Peter Bean  
Firefighter / EMT-S  
Part Time

Julie Massaroni  
Firefighter / EMT-B  
Part-Time

Emily Murphy  
Prob. Firefighter / Paramedic  
Part-Time

# Do You Have What It Takes?



At minimum, each member of our Cedar Area Fire & Rescue team is a Michigan Office of Firefighter Training Counsel Certified Firefighter I&II. This basic training is offered each year at the Northwest Regional Fire Training Center in Grawn, just south of Traverse City. This five month program offers courses in fire behavior, building construction, search and rescue along with many other basic skills that we need to do our job.

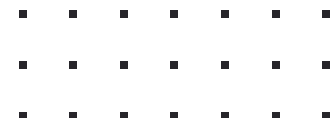


Along with the being certified firefighters, most of our members are state licensed Emergency Medical Technicians and Paramedics. Medical incidents are around 65% of our calls for service so we are not just a fire department we are an all hazards emergency service agency!

We offer many other specialties within our department. Department members are trained in Auto Extrication, Farm Rescue, Rope Rescue, Hazmat Response and other technical areas, and we have members on regional response teams such as technical rescue and HAZMAT.

**If you or someone you know is interested in a career in the fire service or if you want to give back to the community as a part-time member of our department please stop into the station and talk with the crews about this rewarding career!**

# Our Community at a Glance



## ✓ Centerville Township

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According to 2022 Census records, Centerville Township has a total population of 1,243 persons within their thirty square mile boundary. The median age of Centerville Township residents is 43 years of age.

## ✓ Cleveland Township

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According to 2022 Census records, Cleveland Township has a total population of 1,103 persons within their seventy square mile boundary though only thirty square miles of that are land. The median age of Cleveland Township residents is 57 years of age.

## ✓ Kasson Township

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According to 2022 Census records, Kasson Township has a total population of 1,647 persons within their 36 square mile boundary. The median age of Kasson Township residents is 46 years of age.

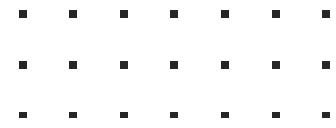
## ✓ Solon Township

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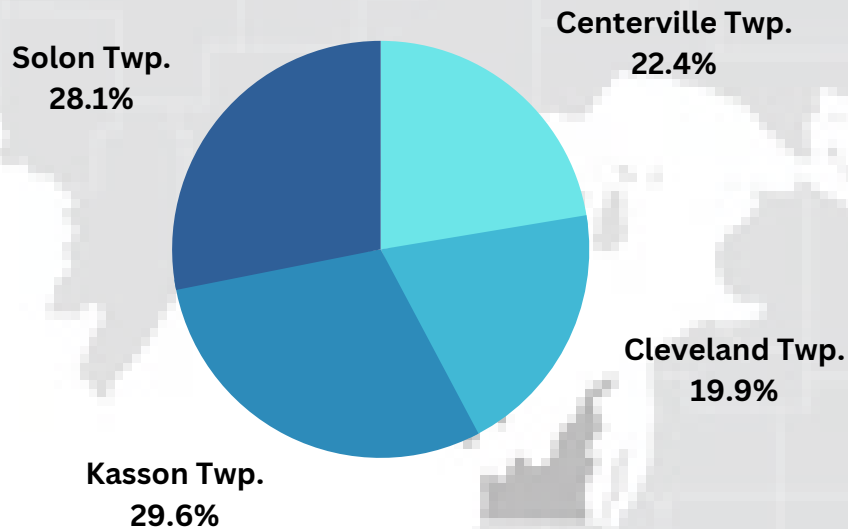
According to 2022 Census records, Solon Township has a total population of 1,562 persons within their 30 square mile boundary. The median age of Solon Township residents is 50 years of age.



# Our Community at a Glance

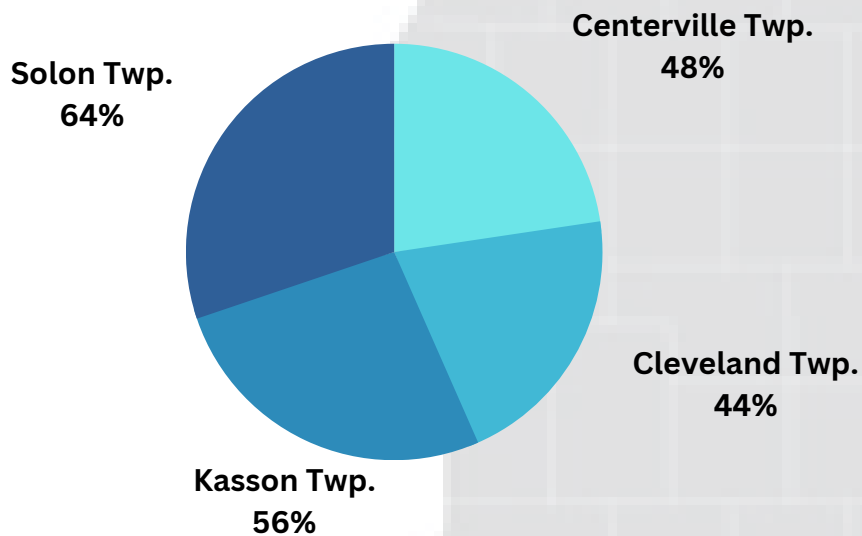


## Coverage Area Population %



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## Principal Residences by Township

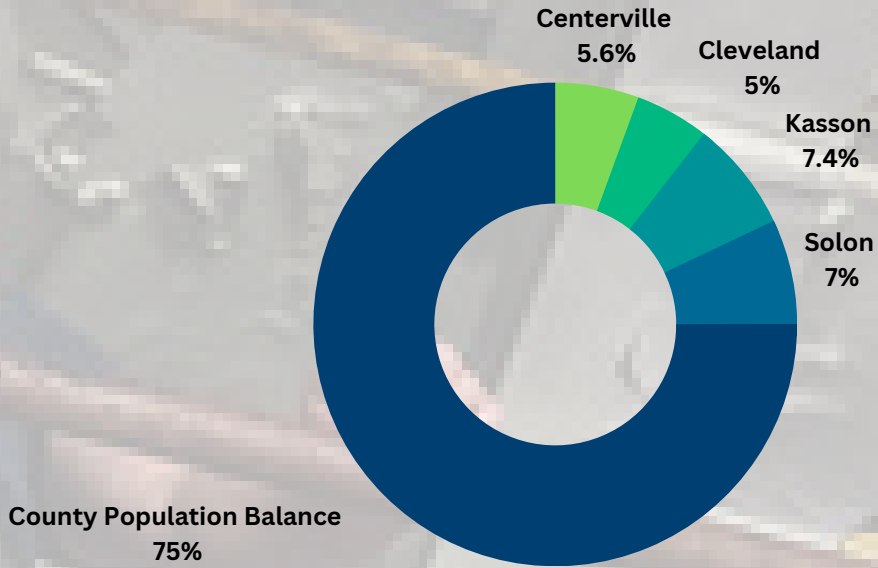


The above graph depicts the percentage of homes in each township that are designated as a persons primary residence. There are two types of residences, principal and non-principal where the person is not a year round resident.

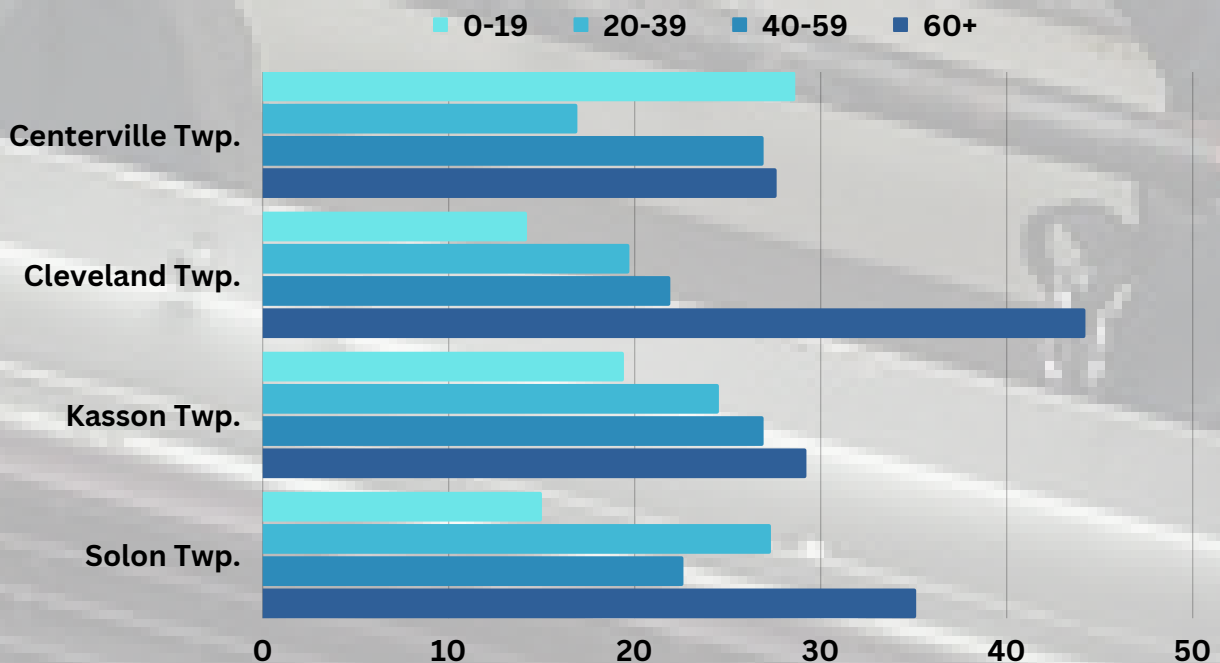
# Our Community at a Glance



## Our Townships vs. County Population

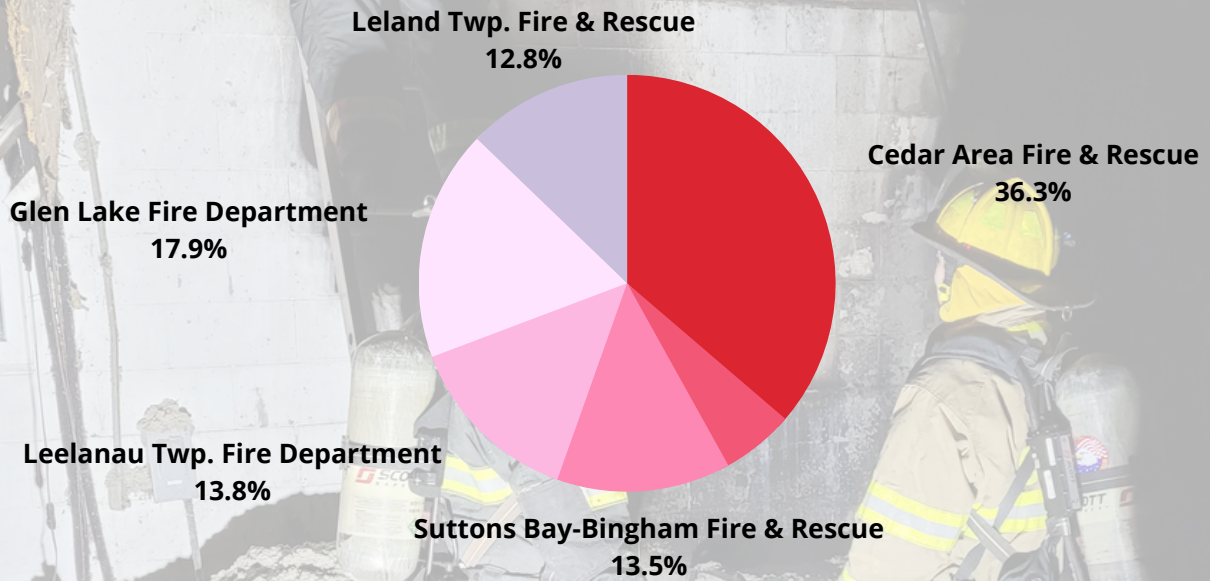


## Population Median Age %

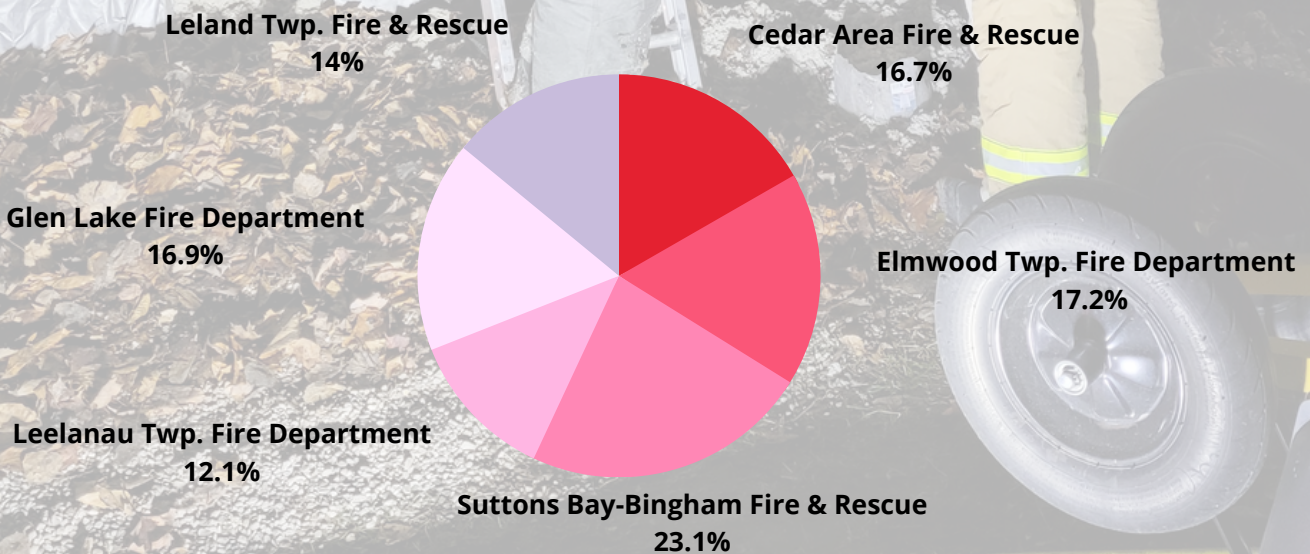


# Fire & EMS In The County

## Fire Department Coverage Area in the County



## Calls for Service in the County



# 2022 Budget Breakdown

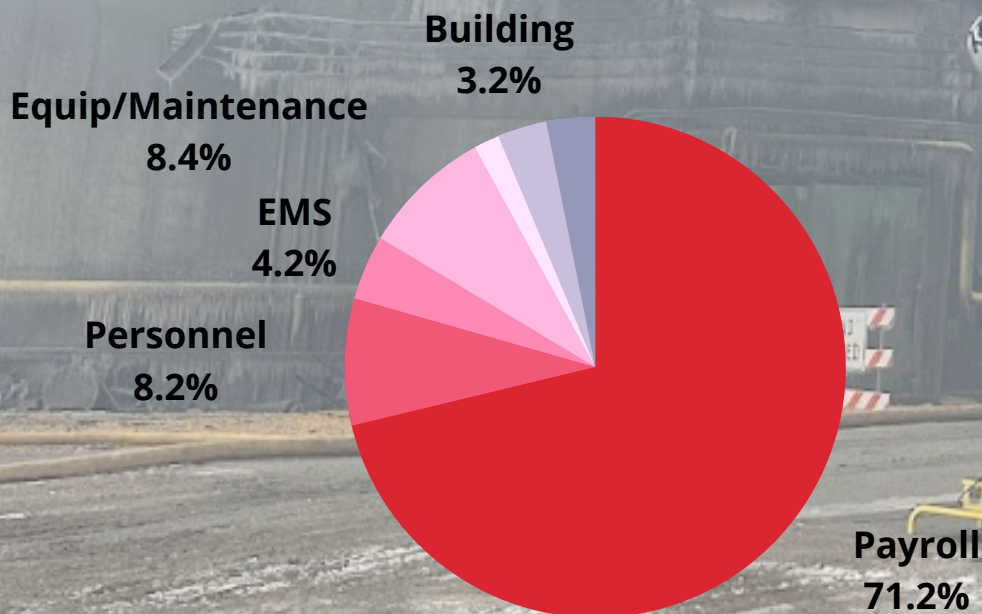


Cedar Area Fire & Rescue is over 89% funded by contributions from Centerville, Cleveland, Kasson and Solon Townships. The 2022/23 Fiscal Year operating budget totals \$1,043,404.48. Of this, \$937,404.48 is contributed by the townships, while the remainder is funded through charges for ambulance transports, utility company standbys, and ambulance standbys at Glen Lake sporting events.

## OPERATING EXPENSES

Over 70% 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



# 2022 Budget Breakdown



## CAPITAL BUDGET

The four townships also contributed a total of \$88,370.88 to the department for capital expenses in the 2022/23 fiscal year. This money is used to pay for new capital equipment, such as apparatus, air packs, EMS equipment, and station equipment. In 2022, capital monies were used for loan payments for the primary ambulance and engine, and to begin the build-out for a new command vehicle, to be received in 2023.

## 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 staff, hire a full-time fire chief, begin the transition to Advanced Life Support (ALS) services, increase training, and generally improve the department.

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## GRANTS

### **Grand Traverse Band - Second Half 2021 - 2% Distribution: \$54,656.00**

Funding to purchase 28 sets of PPEs to outfit each fire department in Leelanau County. PPE sets will include ballistic vest and plates, helmet, equipment carriers, and needed medical supplies such as tourniquets, chest seals, trauma bandages, and other assorted equipment. This PPE is designed to assist with rapid care as part of a rescue task force response. Four sets are to be distributed to each of the the Leelanau County fire departments.

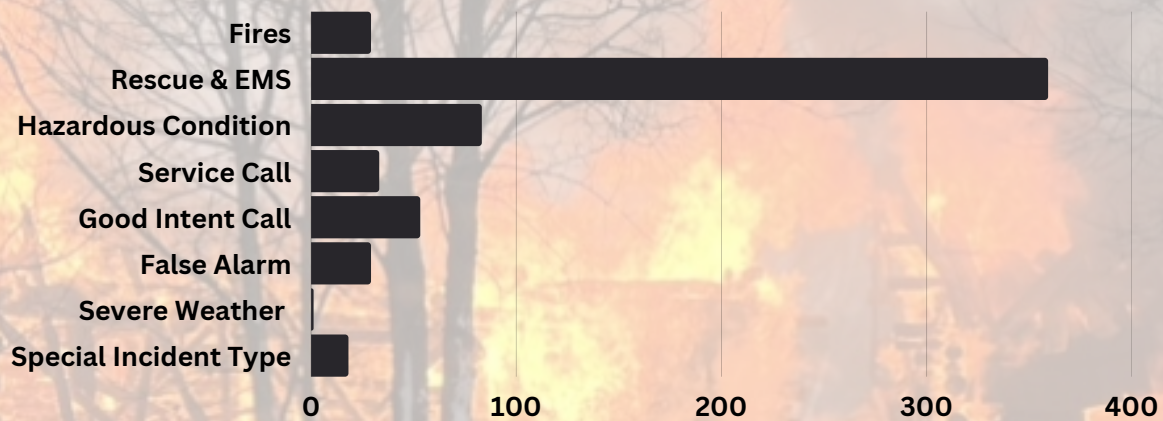
### **Grand Traverse Band - First Half 2022 - 2% Distribution: \$34,932.21**

This Grant was applied for and granted to the Leelanau County Fire Chiefs Association. The funds are being used to build a "County Training Trailer" that will contain equipment which will allow firefighters better and more quality training. Each department in the county will get use of the trailer for around two months of the year.

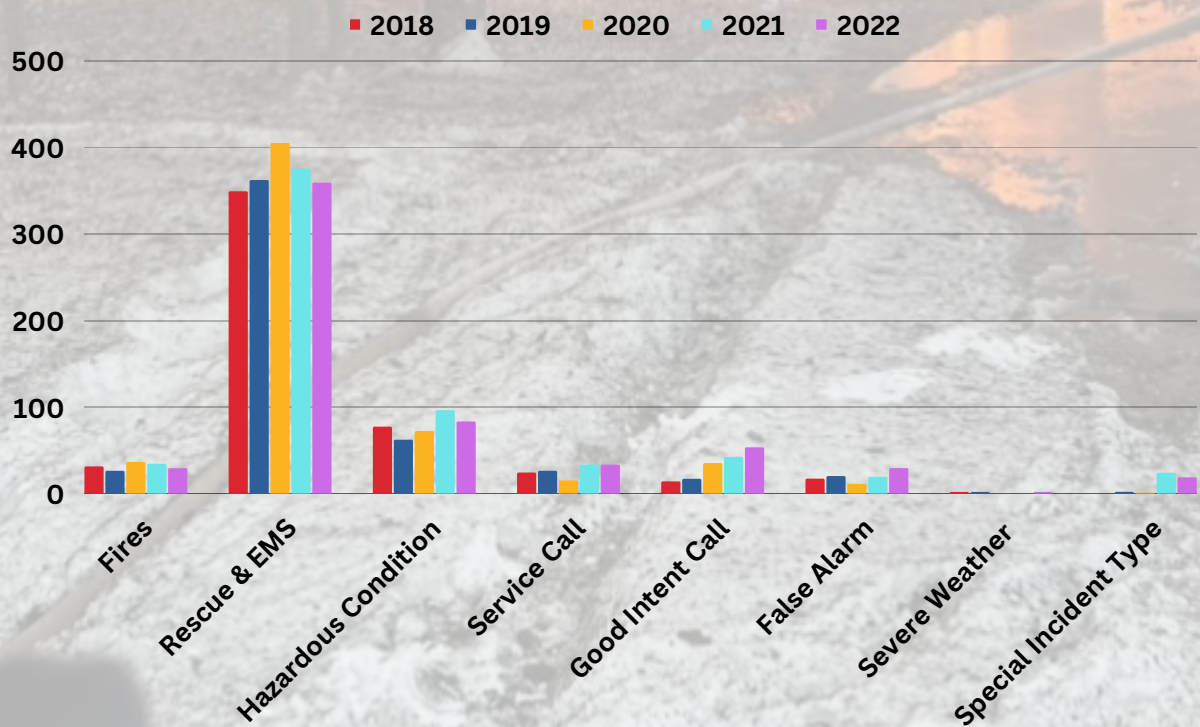
# Incident Breakdown



## 2022 Calls For Service



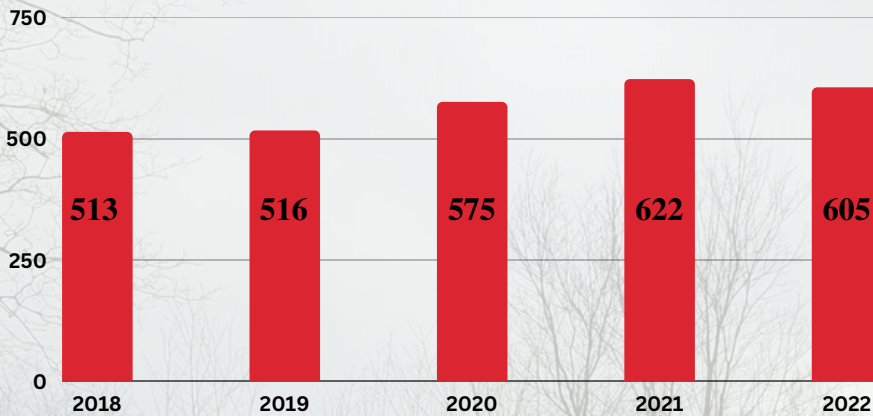
## Five Year Comparison By Call Type



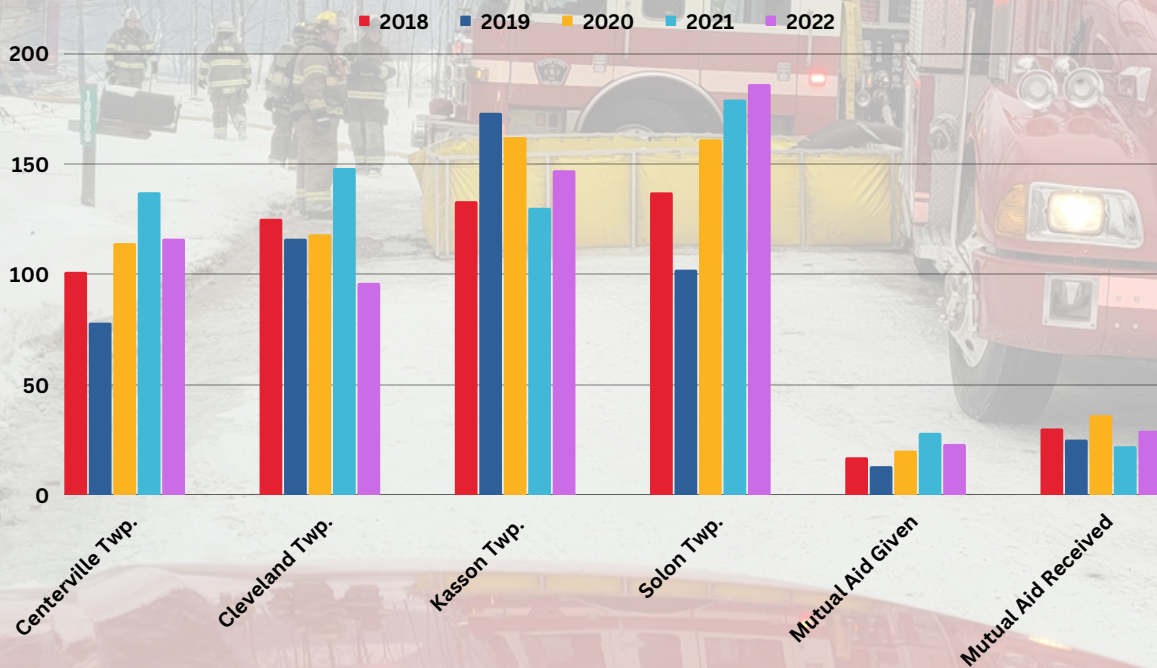
# Incident Breakdown



## Five Year Comparison - Total Calls For Service

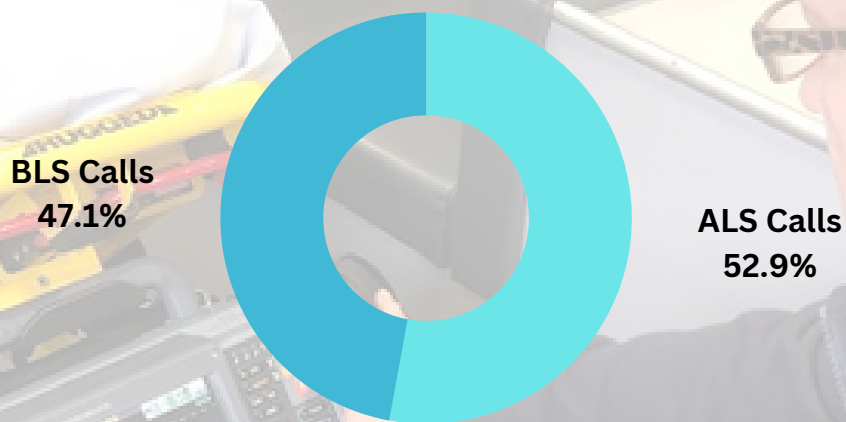


## Five Year Comparison - Calls For Service by Township

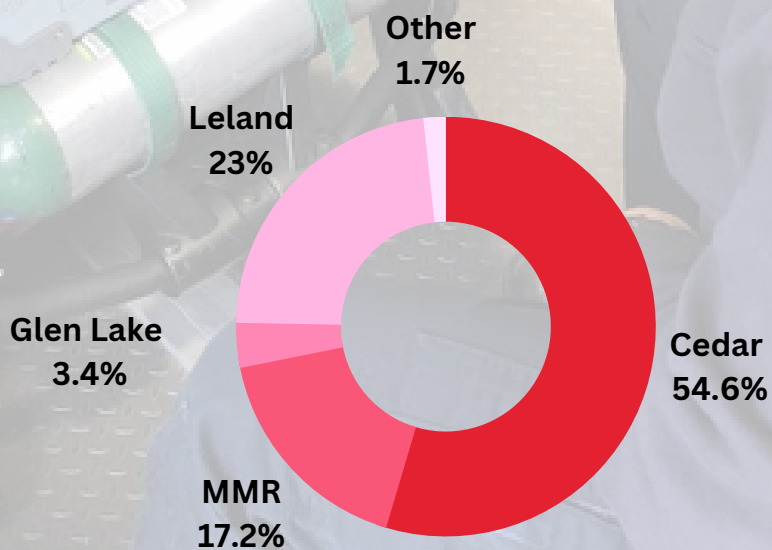


# EMS Incident Breakdown

## 2022 EMS Calls Advanced Life Support vs. Basic Life Support



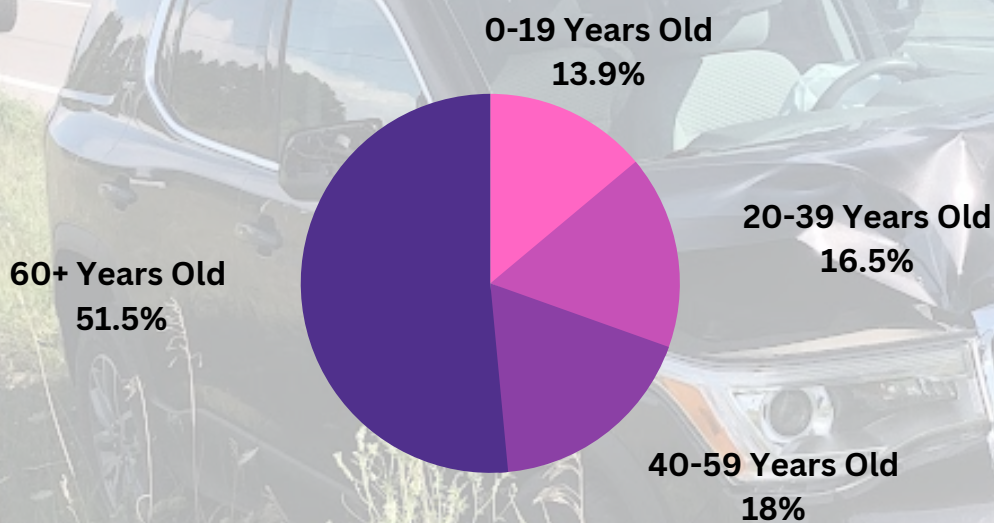
## Who Handled Our 2022 ALS Calls?



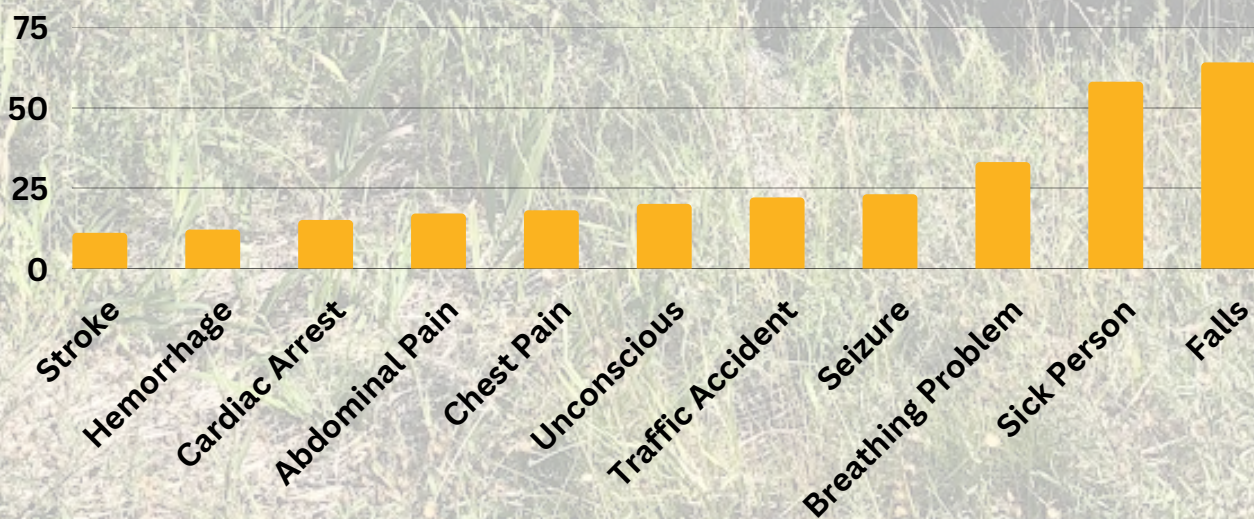


# EMS Incident Breakdown

## 2022 Patients By Age Range



## Top Patient Complaints



# Notable Incidents



Our first fire of 2022 was on a cold night in February. Members of CAFR and many other mutual aid departments worked for hours under difficult conditions including difficult access and freezing temperatures to bring this fire under control.

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In May of 2022 a tornado tore through the City of Gaylord. At the request of MABAS we sent personnel to the scene as part of an Engine Strike Team. They performed many tasks including building damage surveys and searches for survivors of the event.



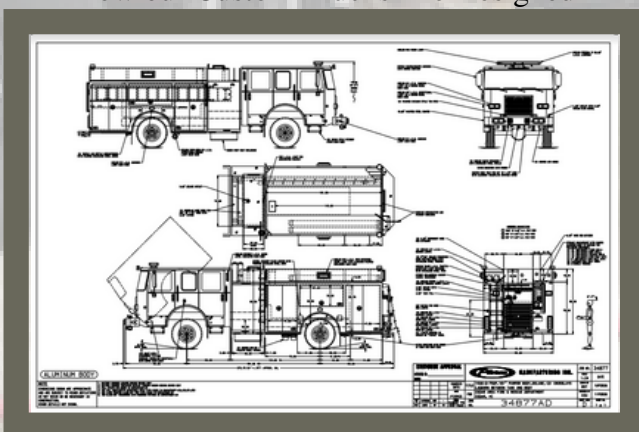
# Equipment Maintenance



## Lieutenant Kevin Mikowski

As the department's Chief Engineer I over see all apparatus and equipment maintenance. Apparatus and equipment checks are preformed every day by the duty crews. These include everything from daily EMS checks on the ambulances to weekly checks of fire apparatus to test pumps and assure equipment readiness . Each year all of our fire apparatus are inspected for DOT compliance and our fire pumps are tested by outside agencies. Routine general inspections are performed in house to maintain a service ready fleet. As user-serviceable items fail or wear out most can be repaired or replaced by personnel without apparatus being sent away and taken out of service for extended periods of time. Most of the apparatus used in the fire service are custom-built, making inspection and maintenance a crucial part of keeping the fleet healthy and able to assist people in our service area quickly and efficiently.

How our Custom Trucks Are Designed



**821 - Weekly Check**  
Cedar Area Fire & Rescue

To Be Submitted By: Andy Dornbos

Meter Readings  
 Odometer Reading:  Enter a Number      Engine Hours:  Enter a Number      Pump Hours:  Enter a Number

Cab Operations  
 Clean:  Pass \*  Fail  
 Windows / Mirrors:  Pass \*  Fail  
 Siren / Horn:  Pass \*  Fail  
 Comments:

Interior Lighting:  Pass \*  Fail  
 Heat / AC / Defrost:  Pass \*  Fail  
 Fuel above 3/4:  Pass \*  Fail

Gauges:  Pass \*  Fail  
 Wipers:  Pass \*  Fail  
 Radio on Primary and Scat:  Pass \*  Fail

Cab Equipment  
 ERG:  Pass \*  Fail  
 Reflective Vests x2:  Pass \*  Fail  
 Waterproof Binder:  Pass \*  Fail  
 Fuel Card:  Pass \*  Fail  
 TIC:  Pass \*  Fail  
 Comments:

AED Present & Located under inside seat:  Pass \*  Fail  
 Adult Peds 7 X2 weeks to expiration:  Pass \*  Fail  
 Peds Peds 7X2 weeks to expiration:  Pass \*  Fail  
 Rater X2:  Pass \*  Fail

Brake Check  
 Low Air Alarm Check:  Pass \*  Fail  
 Low Air alarm check parking brake engagement pressure:  Enter a Number

# 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 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 891



## 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.

# Public Education

A cartoon firefighter mascot wearing a yellow helmet with "SPARKY" written on it, a yellow and red striped jacket, and yellow pants with red stripes. The mascot is smiling and has its right hand raised in a wave. The background features a red and black geometric pattern in the top right corner and a grid of red dots.

## Lieutenant Tim Johnson

Coming into 2023 with Covid now behind us, we have a number of public outreach programs coming back into fruition. After two years of isolation due to the pandemic we were finally able to restart our annual Fire Prevention program at Glen Lake Schools. We teach the kids about fire safety and fire prevention and show them our equipment/apparatus. The kids thoroughly enjoy this public education and we are always thrilled with their enthusiasm for fire safety.

We will also be restarting our smoke detector program through the Red Cross. This program gives homeowners three free smoke alarms to be installed in their homes by fire personnel. We had a tremendous response when we introduced this program back in 2018. Unfortunately, due to Covid the program was brought to a halt. We will announce when the program is fully back up and running. Community CPR classes are another program we would like to start back up with our community. We are looking into certifying more of our personnel with CPR instructor licenses so we can start these classes as soon as possible. As a community we believe CPR education is essential and we look forward to beginning these classes.

Last, the department is also looking into certifying personnel in Child Car Seat Safety. This is a robust program giving instruction on properly securing child car seats in your vehicle. We've had numerous requests for this service in the past so we hear the need to get certified for our community. We will inform you when we will be able to provide this service in the near future.

# Department Training



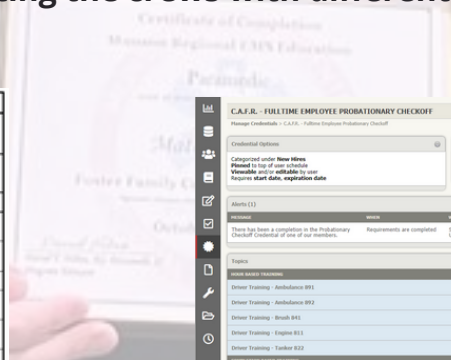
## Lieutenant Joe Voiles

As the Training Officer for Cedar Area Fire and Rescue, I am responsible for setting up the various trainings we do. These range from the online trainings that are required yearly, to the in-person trainings that we set up between the shifts. I am also a member of the County's Fire Training Council. With the county's fire training council, we meet to select different classes to bring to the County with the state's Fireworks funding. This is funding that the state gives out to each county for the purpose of training for fire departments. As a council we have also established a new county training trailer. This is a trailer that is shared between all Leelanau County Fire Departments. Inside this trailer we have a simulated roof for cutting, a simulated forcible entry doorway, and a simulated wall/roof that can be used for various training exercises. Each Department will get this trailer for a month at a time.

Cedar Area Fire and Rescue is also revamping the onboarding process for new hires. Paramedic/Firefighter Jeff Friend and I have been working on new Job Performance Requirements as well as revamping the old ones we have. This will make the EMS onboarding and continuing education much more user friendly and defined.

Along with the department training, I have also started to work with everybody on their physical fitness training. Cedar Area Fire and Rescue is going to put more of an emphasis on physical fitness and more job-related fitness. Starting this program, I will be assisting the crews with different nutritional as well as physical fitness plans.

Candidate:		Task: Hose-Line Advancement	
<b>Performance Objective:</b> The candidate shall successfully perform hose line advancement from apparatus to entry, ensuring proper technique and position of flaked hose. Task should be done with 1 1/2" or 2 1/2" hose.			
Step No.	Task Steps	Pass or Fail (check box)	
	Skill: Hose-Line Advancement	P	F
1	Candidate selects appropriate hose and executes load transfer to shoulder		
2	Working in a serpentine motion, candidate ensures proper flaking of hose		
3	Candidate positions self and nozzle in front of selected entry point		
4	Subjuncting to engineer or using radio, candidate asks for water (checks for lines when fully charged)		
5	Candidate cracks nozzle open to ensure proper bleeding of air in hose		
6	Candidate enters structure and with help of partner, makes way towards origin of fire		
7	When at fire location, in a controlled manner, candidate extinguishes fire		
8	When fire is extinguished, candidate exits structure with hand line		
9	Was the task completed in a safe and proper manner?		



Module	Status	Completion Date
Driver Training - Ambulance 011	Completed	10/10/22
Driver Training - Ambulance 012	Completed	10/10/22
Driver Training - Booth 041	Completed	10/10/22
Driver Training - Engine 011	Completed	10/10/22
Driver Training - Tanker 012	Completed	10/10/22
EMS - Training	Completed	10/10/22
EMS - EMS	Completed	10/10/22
EMS - Fire	Completed	10/10/22
EMS - HAZMAT	Completed	10/10/22
EMS - Operations	Completed	10/10/22

# MABAS Michigan



As a member department of Michigan MABAS Division 3701, Cedar Area Fire & Rescue provides personnel and resources in response to requests for mutual aid throughout the MABAS network and assists with MABAS organizational development. In addition to supporting our neighbors, Michigan MABAS directly benefits the residents of our community as CAFR can (and has) received mutual aid resources for major incidents in our service area.

Along with the Tornado response in May, some of the recent MABAS incidents that CAFR has been involved in include:

## Resolute Paper Products Menominee, Michigan

In October of 2022, Division 3701 received a request from MABAS for personnel and equipment to be sent to Menominee, MI for a large commercial fire. Members from CAFR were on site in Menominee for 7 days in this long duration incident.



## Hemlock Grain Elevator Hemlock, Michigan

In December of 2022, resources from Division 3701 were requested to assist at the scene of a grain bin fire in Hemlock, mi, about 15 miles west of Saginaw. Chief Doornbos responded as the strike team leader and was assisted by Chief Tampa of Elmwood Fire. Elmwood Tanker 121 and Inland Township Tanker 7, each with a crew of 2, also responded.





# Acknowledgements

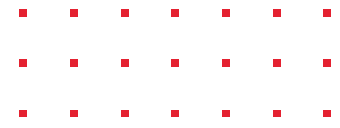
**Our Fire Board** - An often thankless position, we would not be able to provide the services we do without your continued support and guidance, thank you!

**Our mutual aid partners** - Due to our rural area we need assistance from many departments to have successful outcomes for some incidents. Along with Leland and Glen Lake, Elmwood, Long Lake and Almira Townships answer numerous requests for assistance each year. Thank you!

**Rick Royston, Fire Board Member (ret.)** - Our December board meeting was the final one for Chief Royston as the Vice President of our board. Chief Royston has served the members of several communities over his 50+ years in the fire service. His experience and willingness to be involved have undoubtedly left a positive impression on our department. Chief, congratulations on an outstanding career and thank you for your efforts in the development of Cedar Area Fire & Rescue!

**You, our community** - Without your continued support we would not have the ability to provide the level of service you have come to expect for us. Your support is steadfast and felt by all of our members. Thank you for allowing us to serve you!

# Contact Information



☎ +231-228-5396

✉ [adoornbos@cedarareafirerescue.org](mailto:adoornbos@cedarareafirerescue.org)

🏠 8907 Railroad Avenue, Cedar, MI, 49621

🌐 <https://www.leelanau.gov/cafr.asp>

