



ANNUAL REPORT 2022

Menomonie Fire Department

Station #1 - 116 W. Main Street
Station #2 - 2417 Wilson Street
Menomonie, WI 54751

Telephone:
715-232-2414
Non-Emergency



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FROM THE CHIEF'S DESK

The Mission Statement for Menomonie Fire Department reads:

Menomonie Fire and Rescue is a team of driven individuals that provides top of the line emergency response, public assistance, and education. Members are committed to the preservation and protection of life, property, and the environment from the adverse effects of fire, medical, and hazardous conditions through sustained training and progressive education.

Reflecting on the past year, 2022 challenged our department and its members like none other. We responded to a record 3,714 calls during the year which was a 10.3% increase from 2021 and a 29.4% increase since 2018. For the first time in department history, we averaged more than 10 calls per day, yet our members stepped up and handled that call volume along with all other required duties without wavering. This service meeting the mission statement would not be possible without the incredible dedication and professionalism shown by all members of the department.

We want to thank our citizens and local governments for their continued support in our mission. We are extremely fortunate to live and work in an area that shows great support and appreciation for the job we do.

Throughout this report you will see charts and graphs, statistics and pictures that tell the story of what our members have accomplished during the year. Although this information gives the reader a very detailed account of the when and where, it does not allow you to see the individual sacrifice and effort each of our members made to meet our mission. Much of what we do goes largely unnoticed by the general public but adds significantly to the safety and well-being of all those we protect. I ask that you reflect on that as you enjoy our 2022 yearend report.

Denny Klass
Fire Chief

ADMINISTRATION



Fire Chief
Denny Klass

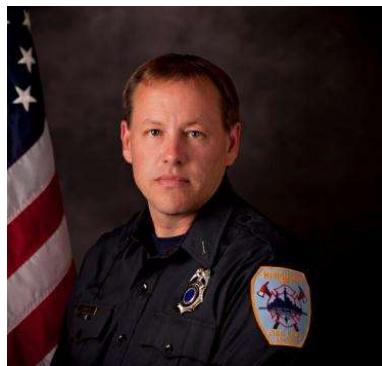


Administrative Assistant
Teri Riek

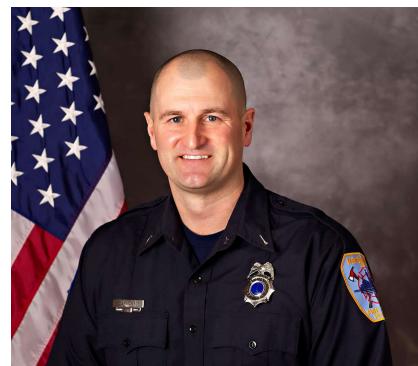
A SHIFT



Battalion Chief Andy Benrud



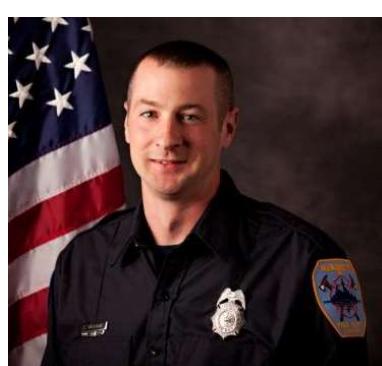
Captain Chuck Mensing



Lieutenant Josh Romsos



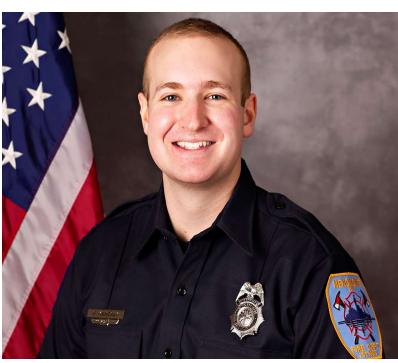
MPO Rich Brackett



MPO Dan Williams



Firefighter/Paramedic Ben Simmons



Firefighter/Paramedic Brad Kenealy



Firefighter/Paramedic Ross Boyd



Firefighter/Paramedic Josh Monk



Firefighter/Paramedic Matthew Goodrum

B SHIFT



Battalion Chief Adam Mucks



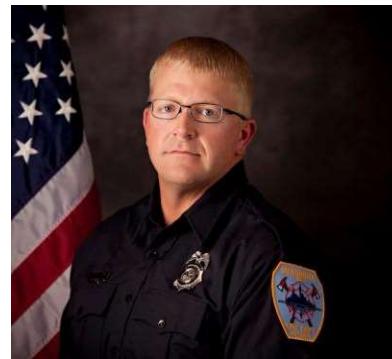
Captain Brady Bleskacek



Lieutenant Michael Christian



MPO Juan Gamez



MPO Jon Peterson



Firefighter/Paramedic Kaeden Thom



Firefighter/Paramedic Stuart Wallace



Firefighter/Paramedic Kyle Holden



C SHIFT



Battalion Chief Larry Zais



Captain Matt Poliak



Lieutenant Andy Kiss



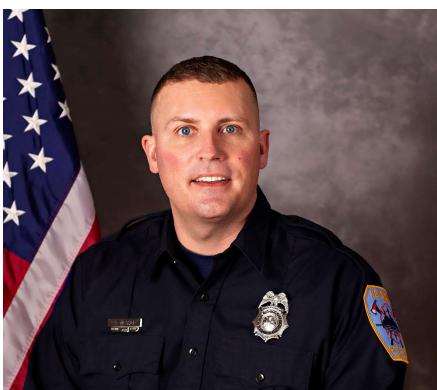
MPO Chad Bock



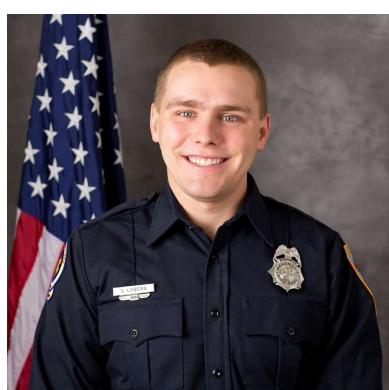
MPO Brent Monfort



Firefighter/Paramedic Adam McCulloch



Firefighter/Paramedic Travis Nessel



Firefighter/Paramedic Seth Loberg



PERSONNEL DATA

PROMOTIONS

September 16, 2022	Lieutenant Brady Bleskacek to Captain
November 1, 2022	Firefighter/Paramedic Andy Kissh to Lieutenant

HIRED

September 1, 2022	Firefighter/Paramedic Seth Loberg
September 1, 2022	Firefighter/Paramedic Dylan Gorres
October 1, 2022	Firefighter/Medic Matthew Goodrum

RESIGNED

September 2, 2022	Firefighter/Paramedic Clint Lightell
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RETIRED

July 31, 2022	Captain Tim Koleski
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BECAME CRITICAL CARE CERTIFIED

Firefighter/Paramedic Ross Boyd
Firefighter/Paramedic Brad Kenealy
Firefighter/Paramedic Clint Lightell

EMS CALL VOLUME

Yearly Runs by Zone-EMS

Scene Incident Zone	Number of Runs	Percent of Total Runs
City Ward-11	584	20.37%
City Ward 1	452	15.77%
City Ward 2	299	10.43%
Menomonie Township	208	7.25%
City Ward-10	172	6.00%
City Ward 9	128	4.46%
Red Cedar Township	115	4.01%
Out of Jurisdiction	102	3.56%
City Ward 8	98	3.42%
City Ward 4	96	3.35%
City Ward 7	93	3.24%
Tainter Township	89	3.10%
City Ward 6	82	2.86%
City Ward 3	76	2.65%
City Ward 5	76	2.65%
Dunn Township	67	2.34%
Lucas Township	44	1.53%
Village of Knapp	34	1.19%
Spring Brook Township	33	1.15%
Sherman Township	16	0.56%
Weston Township	3	0.10%
Total: 2,867		Total: 100.00%

FIRE CALL VOLUME

Yearly Runs by Zone-Fire

Basic Incident Zone/District Number (FD1.32)	Number of Runs	Percent of Total Runs
City Ward 1	118	14.46%
City Ward 2	103	12.62%
City Ward 3	79	9.68%
City Ward-10	77	9.44%
City Ward-11	77	9.44%
Menomonie Township	62	7.60%
City Ward 9	36	4.41%
City Ward 4	34	4.17%
Tainter Township	34	4.17%
City Ward 6	29	3.55%
City Ward 8	26	3.19%
Out of Jurisdiction	26	3.19%
City Ward 5	24	2.94%
Red Cedar Township	24	2.94%
City Ward 7	17	2.08%
Lucas Township	17	2.08%
Dunn Township	14	1.72%
Spring Brook Township	10	1.23%
Village of Knapp	5	0.61%
Sherman Township	3	0.37%
Weston Township	1	0.12%
Total: 816		Total: 100.00%

EMS OVERVIEW

Andy Benrud, Battalion Chief

Medical Director

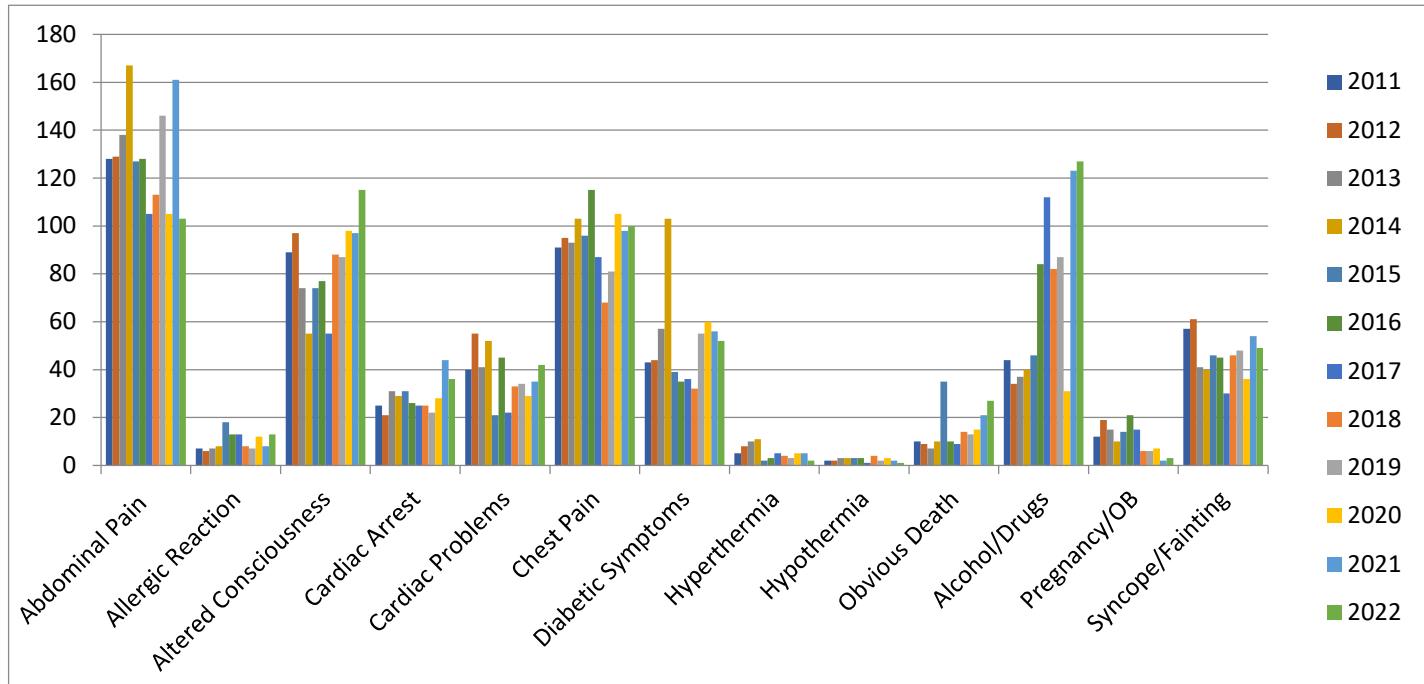


Dr. Nelson continues to be the Medical Director at MFD since 2017. He is a board-certified emergency room physician at Mayo-Menomonie and Eau Claire. He reviews critical calls that the ambulance responds to. During 2022, MFD had 2867 ambulance responses which was almost an 8% increase from the previous year and a 17% in the last two years. Dr. Nelson also provides invaluable quarterly medical training for MFD staff. His involvement is very much appreciated by the all.

Dr. Drew Nelson

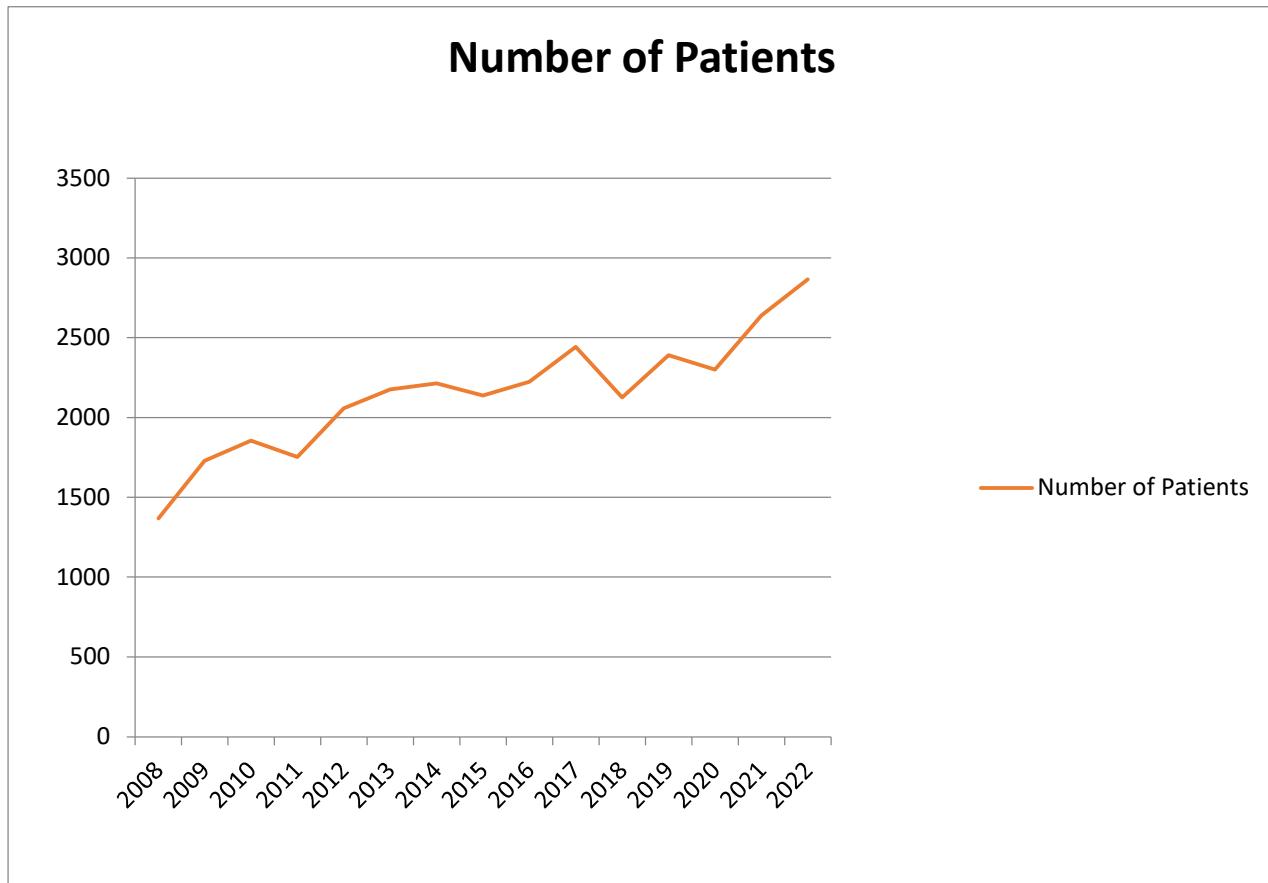
EMS AT A GLANCE

Provider Impressions



* In 2022, MFD had 242 traumatic injuries, coincidentally this is the same total as 2021. (Not in graph)

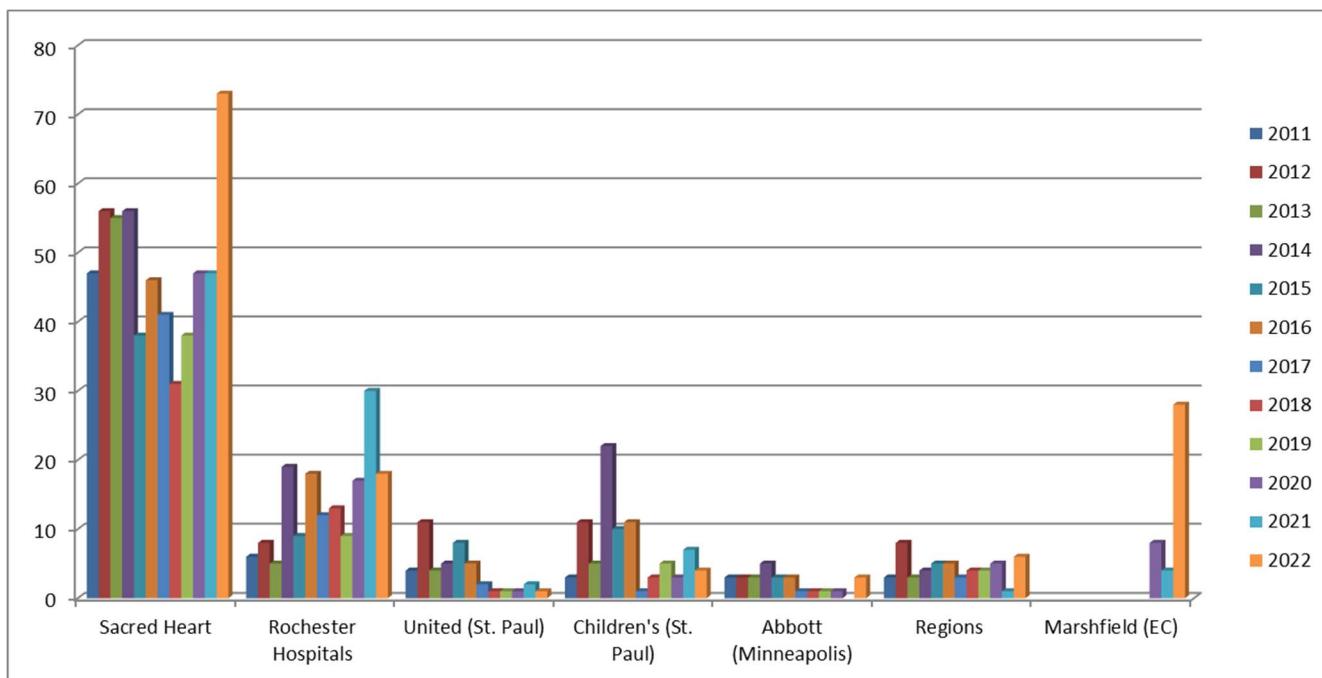
* Many patients had unspecified injuries or illnesses and are not included in this graph.



The number of patients MFD is treating each year has been increasing almost every year. But during 2020, we were affected by the COVID-19 pandemic and in the beginning of the pandemic the call volume drastically decreased. Towards the end of 2020 the ambulance call volume dramatically increased with the local surge of COVID cases. In addition, MFD also did 18 ambulance intercepts with other area ambulance services. This is requested of us to provide higher level of care that they cannot provide. In 2022, MFD responded to 2867 patients which was approximately an 8% increase from 2021 (fire calls not included).



Hospital Destinations

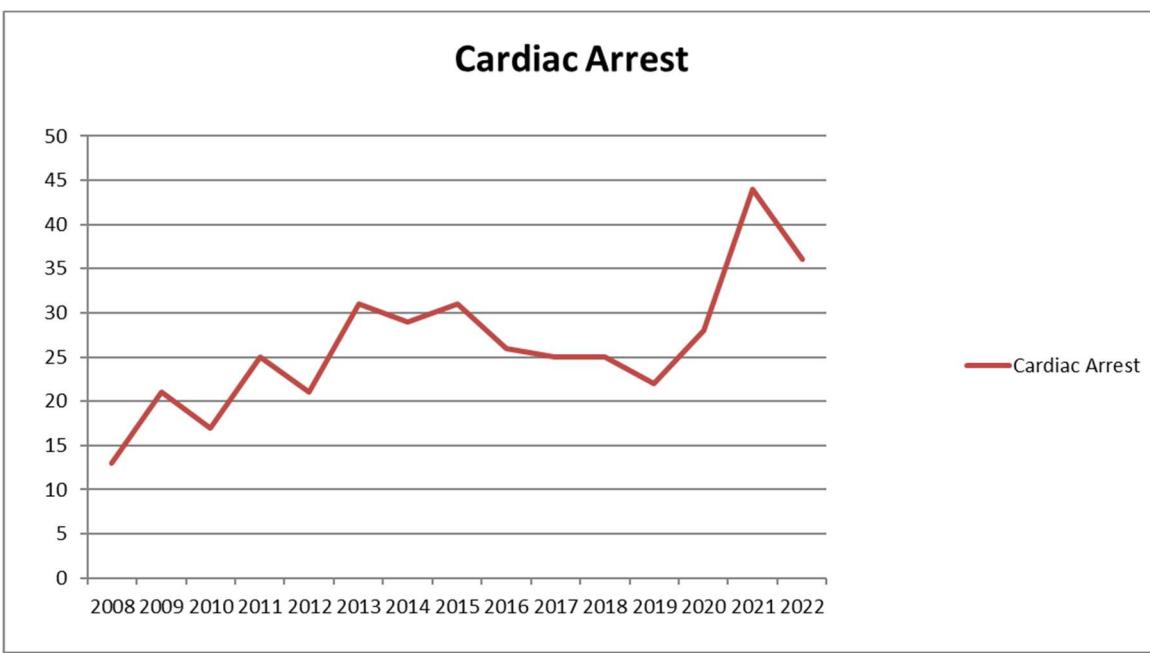
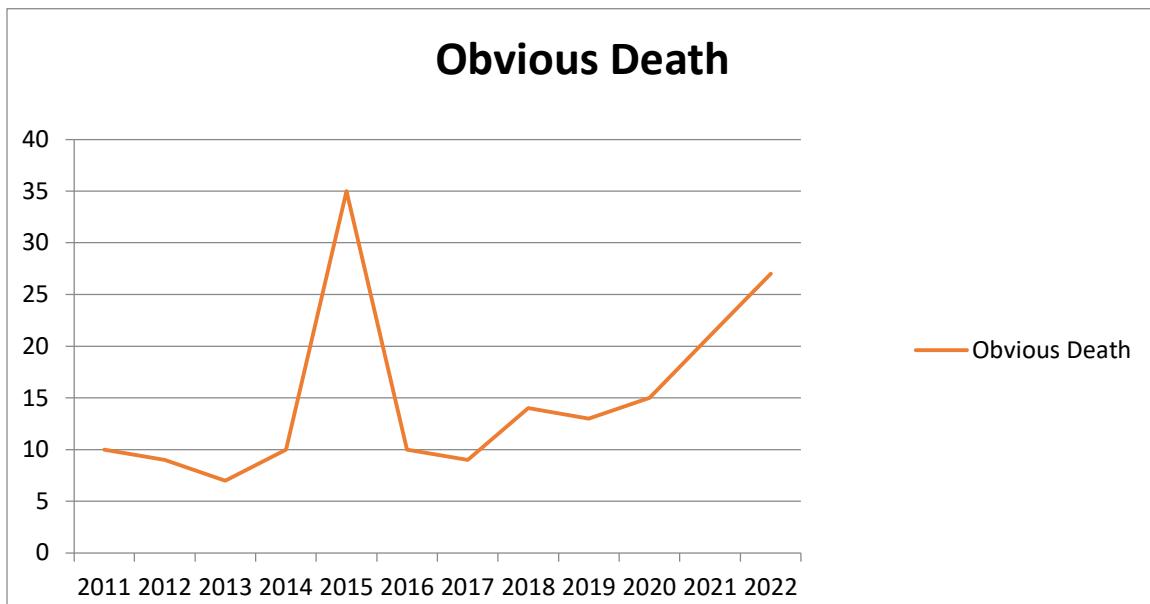


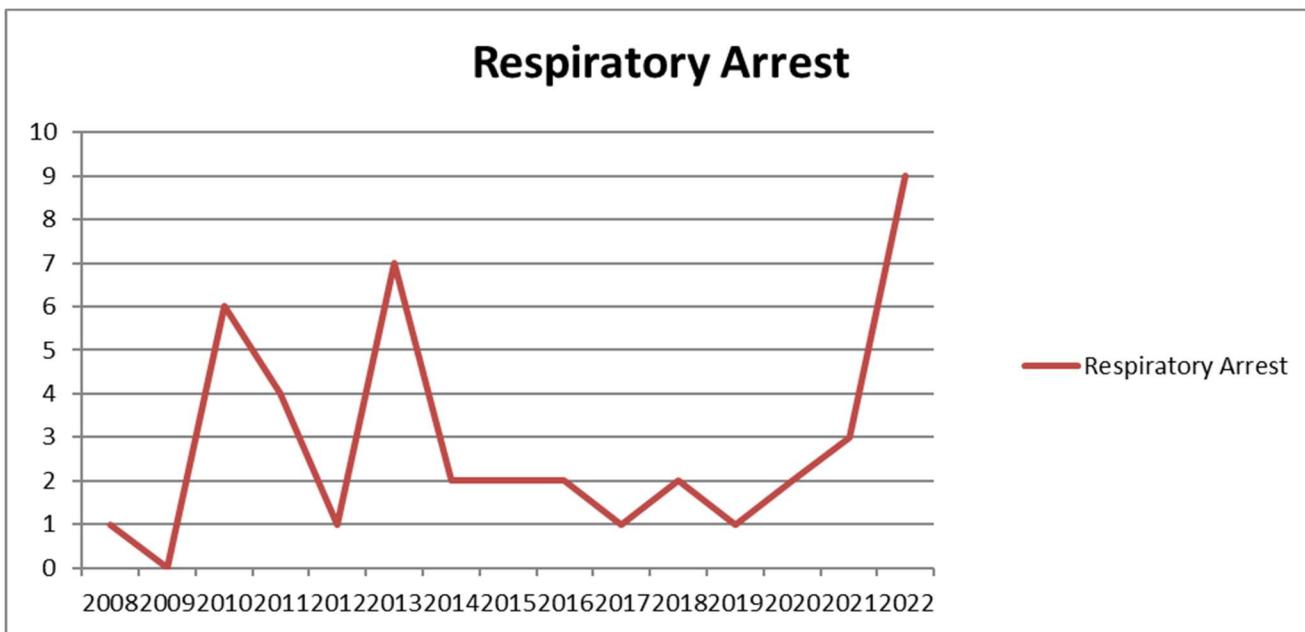
*The most frequent hospital that MFD transported patients to was Mayo-Menomonie. In 2022, the number of patients transported to Mayo-Menomonie was 1,577.

With the higher level of skills that the Paramedics have, it is possible to stabilize and transport patients to hospitals in Eau Claire for specialty care such as the cardiac cath lab or regional trauma center. MFD transported 229 patients to Mayo-Eau Claire in 2022 and this was the second highest hospital destination for MFD. This is due to Mayo-Eau Claire being the highest rated trauma center (Level II) in the area and having specialized cardiac capabilities.

We also transport less frequently to some other area hospitals that are not listed in the graph. The ambulance transported to hospitals that we have never been to before due to the lack of hospital beds in the regional area. We transported patients to Baldwin, Barron, Chippewa Falls (St. Joe's), Osseo, La Crosse, and River Falls during 2022. Also, many times patients decide they do not wish to be transported by ambulance and they refuse transport. Each year approximately 18% of all patients request not to be transported.

MFD provides hundreds of interfacility (hospital to hospital) transports. Of those interfacility transports, 76 were designated Critical Care which is the highest level an ambulance can be in Wisconsin. Only 66 ambulance services in Wisconsin have the Critical Care designation and this is out of 800 ambulance services in the State.







Interestingly, every day of the week received approximately the same volume of ambulance calls. All days of the week averaged between 13-15% of the total call volume with Thursday being slightly the busiest. This trend seems to stay consistent every year.

At MFD, we look forward to providing high quality patient care this year and in the future!

EMS SUPPLIES

Chuck Mensing, Captain

This summary of the EMS supplies discusses the major vendors used, the approximate amount spent, and some service upgrades that were added for 2022, at the Menomonie Fire Department.

The major vendors used when purchasing EMS supplies are Emergency Medical Products (EMP), Sacred Heart Hospital, Zoll Medical, Arrow, Life Assist, and Mississippi Welders. Emergency Medical Products is one of our largest vendors used at \$27,659.94; this includes intravenous (IV) solutions, IV sets, glucometer test strips, many medications, and some small items. Teleflex came in at \$5,843.31. Teleflex is used for IV supplies. Zoll Medical is where we purchase, primarily, cardiac defibrillator supplies for \$4,595.65. Life Assist is another major vendor used for video intubation at \$1,363.25. Mississippi Welders is the oxygen supplier for MFD at \$1,708.27. We purchased intra-osseous needles for initiating difficult intravenous lines from Arrow at a cost of \$4,488.22. We also purchased medications from Sacred Heart Hospital totaling \$7,230.12. Some of the medications purchased were Fentanyl, Ketamine, Midazolam, and Ketorolac. The total spent on EMS supplies was \$68,602. The budget for EMS supplies was set at \$65,000 for 2022.



Glidescope

We were able to upgrade the airway camera that we use on calls. This camera is called a Glidescope. This enables us to view intubations in real time without the use of a computer. Prior to this purchase we had to use a laptop to intubate. The cost of this camera was approximately \$4500. We also added two LUCAS Devices from grant money. These devices do the chest compressions for us during a cardiac arrest while doing cardio pulmonary resuscitation (CPR).



LUCAS Device



INSPECTIONS

Brady Bleskacek, Captain

The Menomonie Fire Department performs fire prevention inspections on all educational, commercial, industrial, manufacturing and multi-unit apartment buildings in our response area. This includes the City of Menomonie, Villages of Knapp and Downsville and Towns of Tainter, Spring Brook, Red Cedar, Lucas, Dunn, Sherman and Weston. All structures mentioned above are inspected twice per year. The fire department also assisted any business that was in need or wanted their inspections more often.

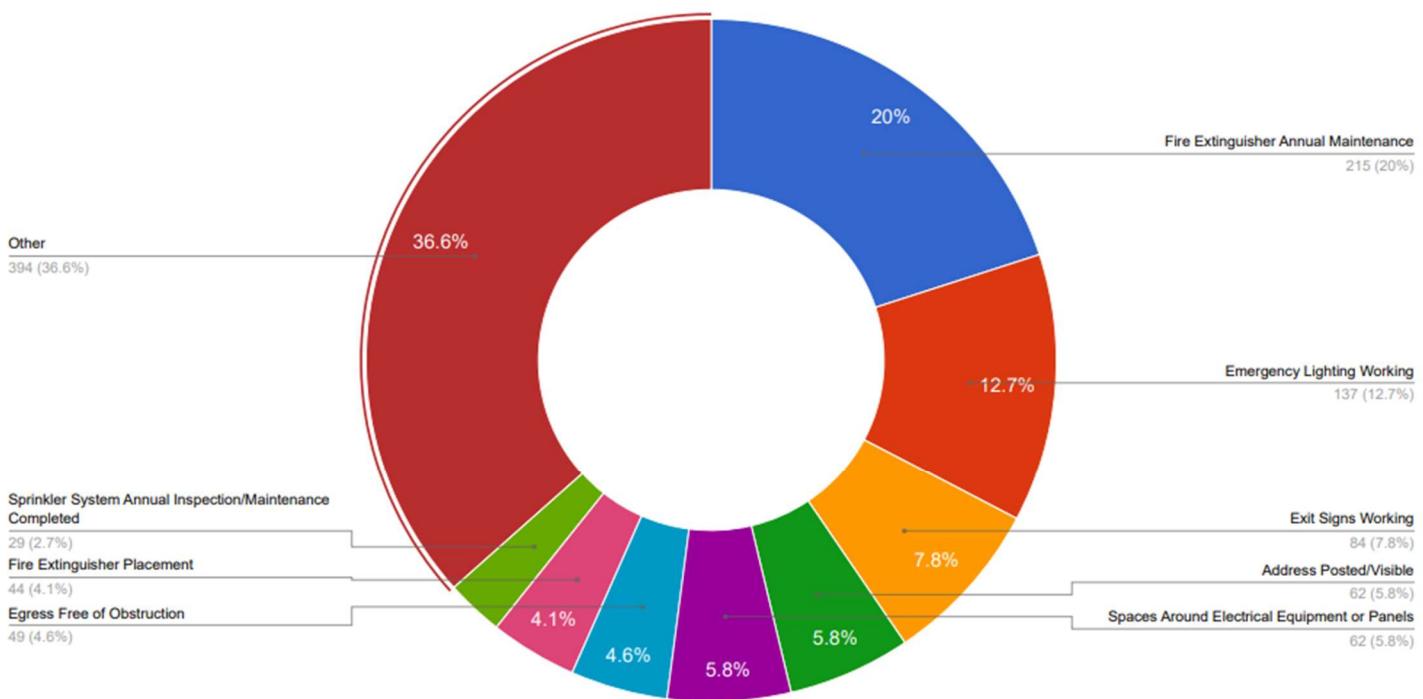
Inspection Numbers:

	<u>2021</u>	<u>2022</u>
Total Inspections performed -----	1041	2314
Total violations found -----	241	1076
Total re-inspections performed -----	0	0
Total notices issued -----	142	547

In 2022 we responded to nine fires in inspected structures.

<u>Date</u>	<u>Address</u>	<u>Business Type</u>	<u>Damage</u>	<u>Cause</u>
1-26-22	2100 Stout St	Motel	\$55,000.00	Undetermined
2-6-22	2121 S Broadway	Laundry Mat	\$10,000.00	Undetermined
3-9-22	124 10 th Ave	University	\$45,000.00	Undetermined
5-24-22	410 10 th Ave	University		House Keeping
6-30-22	104 River Rd	Manufacturing	\$10,000.00	Mechanical Failure
8-16-22	2912 Timber Ter	Apartment	\$5,000.00	Undetermined
9-28-22	2909 Bongey Dr	Bar	\$150,000.00	Undetermined
10-27-22	388 Red Cedar St	Apartment Building	\$1,000.00	Mechanical
12-28-22	2411 Stout Rd	Clinic Building	\$304,200.00	Undetermined

Inspections are conducted to assist the business/building owners in the elimination of hazards which could lead to a devastating fire loss.

Violations

PUBLICATION EDUCATION

Matt Poliak, Captain

Public education for MFD saw another strong year after the COVID lockdown. We made it to all of our local schools for in-person fire safety talks, as well as many preschools and daycares. We also hosted many station tours for social and civic groups. The highlight of the year for 2022 for Public Education came with the reintroduction of our Open House at Station 2. It was a huge hit and was the best attended open house in years. Activities included a bounce house, spraying the fire hose, face painting, trying on turnout gear, drawing fire escape plans, truck tours, and more.



As part of Public Education, the Stop the Bleed campaign also continued to progress. MFD has several Stop the Bleed instructors and were able to conduct several certification classes for high school students. We hope to extend this class city-wide in the coming years, as it is a great life skill for anyone to learn.

An additional branch of the Public Education sector is Social Media, which is collectively managed by FF-P Adam McCulloch, Engineer Dan Williams, and Captain Matt Poliak. Our goal is to provide both public education through our postings as well as a bridge for communication with our community. We respond to messages from the public and provide them with the appropriate information they are seeking.

HAZARDOUS MATERIALS

Matt Poliak, Captain

MFD serves Dunn and Pepin Counties as a contracted Level B HazMat team. We also serve as a State Type 3 team, meaning we can respond to incidents outside of our two contracted counties at the request of the Wisconsin Emergency Management Duty Officer. As a Level B and Type 3 team, we respond to known chemical releases. We have the capability to wear the highest levels of protective gear - vapor-protective, encapsulating suits, along with SCBA and are able to enter into Immediately Dangerous to Life or Health (IDLH) atmospheres, so long as it is known what chemical it is we are dealing with. In unknown chemical situations, we reach out to the Type 1 team from Eau Claire for assistance in identification.

In 2022 we purchased a few new gas meters that have been added to our first-out engines. These meters allow us to detect much smaller traces of explosive gases and VOCs (volatile organic compounds) and are similar to meters used by our local utility companies. Our meters are regularly calibrated and serviced by Lieutenant Mike Christian. FF-P Brad Kenealy is also involved with the Haz Mat branch.

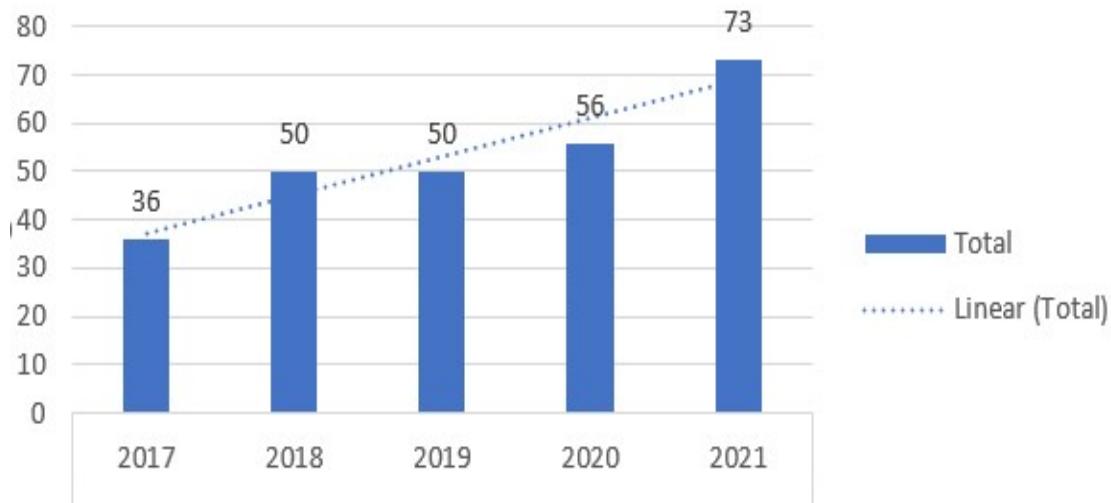


COMMUNITY RISK REDUCTION

Matt Poliak, Captain

The Community Risk Reduction Division is responsible for identifying the specific risks and issues affecting our community through data collections and analysis. The data comes from the fire and EMS reports that are submitted by our staff, as well as incorporating special and unique hazards within our response area. This division is slowly but steadily making progress in its task of developing a Community Risk Analysis (CRA) for the City of Menomonie and its surrounding townships. Once the CRA is complete, we can identify specific areas of public safety where improvement or training is needed for specific populations (i.e. Elderly Falls, Cooking Fires, etc). Additionally, it will be a resource for sharing information on special hazards such as the railroads or dams and the risks they pose to our community. Below is an example of a graphic that would be included in the CRA demonstrating the growing trend of “Hazardous Conditions (No Fire)” incidents responded to by MFD over the past 5 years.

HAZARDOUS CONDITION (NO FIRE) BY YEAR



QUICK RESPONSE TEAM

Matt Poliak, Captain and Andy Kiss, Lieutenant

The Quick Response Team (QRT) is a brand new program for the Menomonie Fire Department. The goal of the program is to break the cycle of addiction and relapse for those in our community with Substance Use Disorders (SUDs) by assisting individuals in getting treatment. The team is comprised of a behavioral health officer from either MPD or DUSO, a paramedic from MFD, social workers from Dunn County Human Services, and a treatment provider from Arbor Place, Inc. The team initially identifies individuals who have either suffered non-fatal overdoses or are addicted to Opioids or Methamphetamine. The team will then go out to meet the client and endorse getting treatment for their SUD. If the client elects to receive treatment, the QRT team can arrange a “warm handoff” to a treatment provider and can also facilitate obtaining financial assistance for treatment if needed. The training and preparation for this program began in mid-2022 and had its first deployments in January 2023. Initial reactions to the program from clients have been fairly favorable, and we look forward to the positive impacts of this program on their lives in the coming years.



RESCUE TASK FORCE

Matt Poliak, Captain

The Rescue Task Force (RTF) allows MFD to enter into “warm zones” during active threat incidents with a law enforcement escort, allowing more patients to receive access to life-saving interventions. With the purchase of a new bleeding simulator, MFD personnel as well as local law enforcement were given the opportunity to practice correcting major hemorrhages through the use of tourniquets and hemostatic dressings. We continue to conduct trainings and are in the process of planning a large training scenario that would include neighboring EMS agencies, law enforcement, and Mayo Menomonie.



PAID ON CALL FIREFIGHTERS

Larry Zais, Battalion Chief

Our Paid on Call is currently staffed with twenty personnel. We have a couple of members with over twenty years of service with our department. We also have four more members that have between 15-19 years of service. Their service and dedication to our department is greatly appreciated.



Each year the paid-on call helps develop their training schedule. The members meet twice a month for training.

TRAINING

Adam Mucks, Battalion Chief

2022 was another busy year of training for the Menomonie Fire Department. Our members continually dedicate time to prepare themselves and the organization for response to a large variety of emergency incidents. The Menomonie Fire Department has some of the most versatile firefighters you will find, as we ask our members to maintain proficiency in multiple disciplines. Be it 911 EMS response, critical care interfacility EMS transport, fire suppression, wildland firefighting, Haz Mat, or technical rescue our members are prepared. In 2022 we have 4,205 combined training hours for our members. Highlights include additional members obtaining critical transport training, multiple vehicles donated for extrication training and spending time training with our new fire engine. Please enjoy photos from some of our 2022 trainings.



Pump training with the new fire engine.



Practicing a modified vehicle lift in the event our Squad Truck is not on scene.



Electric Vehicle Training at Dunn Energy



Side Sonar Training on the Red Cedar River



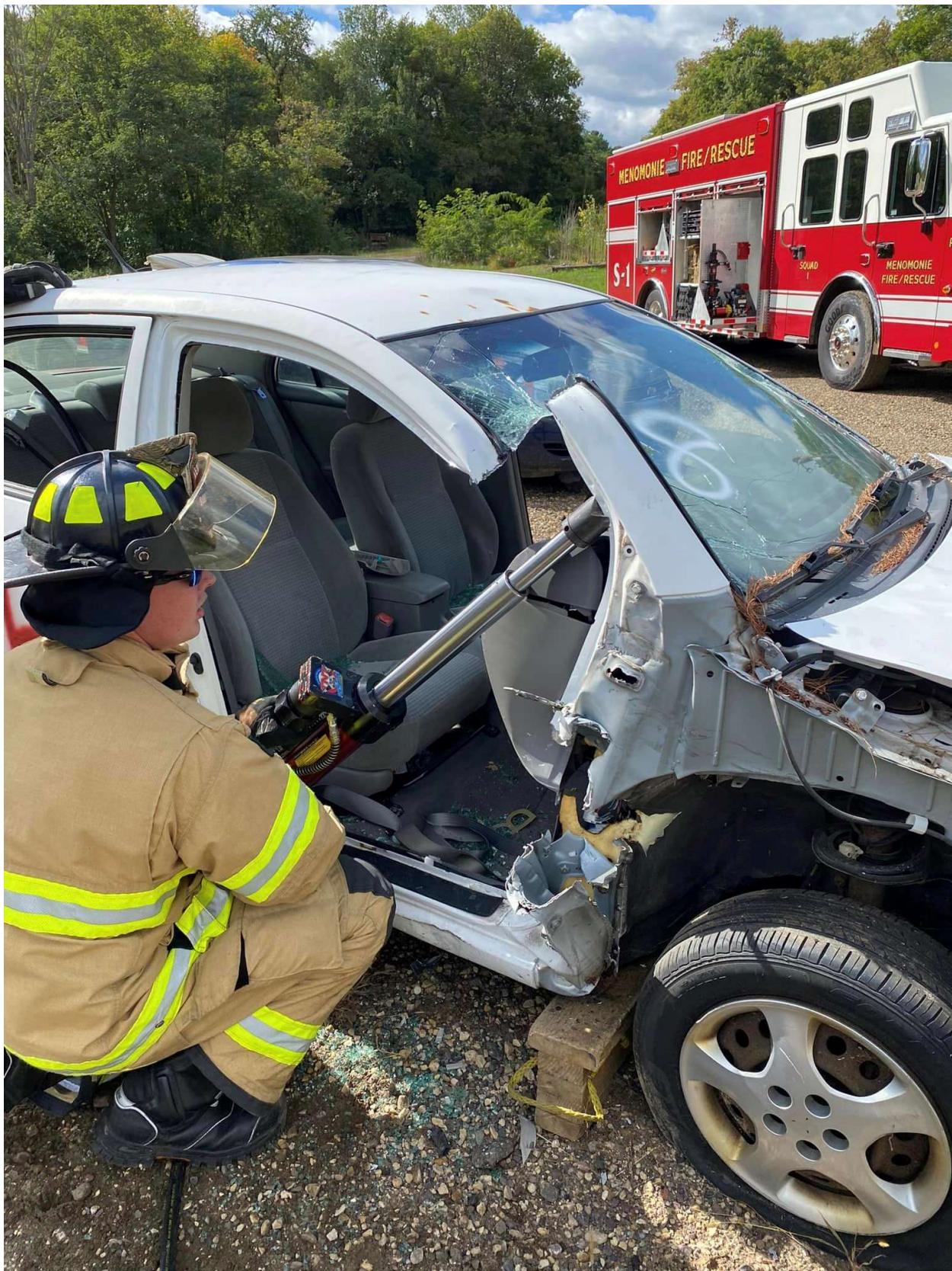
Training Menomonie Police Department on CPR and performing resuscitation with MFD



Ice Rescue Training on Lake Menomin



Vehicle Stabilization Training



Extrication Training



Haz Mat Refresher



Tender Operations

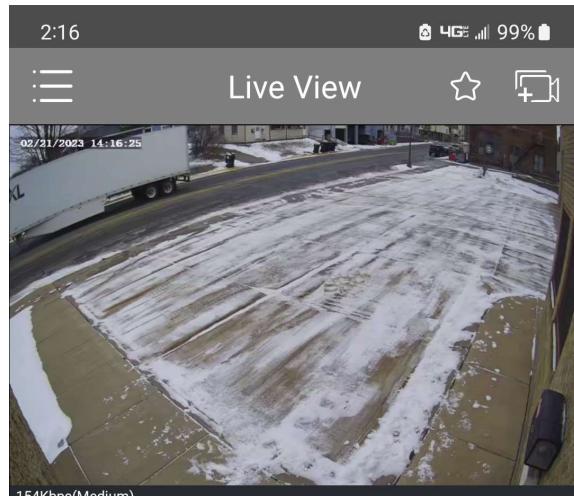
FACILITIES MANAGEMENT

Andy Benrud, Battalion Chief

In 2022, MFD personnel completed numerous building projects and general building maintenance. Most general building maintenance is completed by on-duty personnel to help reduce costs. Projects that were worked on were the Plymovent vehicle exhaust system and the compressor airline throughout the stations. The Menomonie Street Department replaced multiple areas of defective concrete around entry doors at Station #2. Also, this year a security firm was hired to install security camera systems at each station. This provides added security and safety.



Snapshot Record 1 SD Quality 2-way Audio



Snapshot Record 1 SD Quality 2-way Audio

APPARATUS

Larry Zais, Battalion Chief

The Menomonie Fire Department took delivery of its new engine in February. Engine 1 was built by Pierce Mfg. in Appleton, WI. The members of the department worked hard over the next couple of months to do training on the truck and to place equipment on the truck.

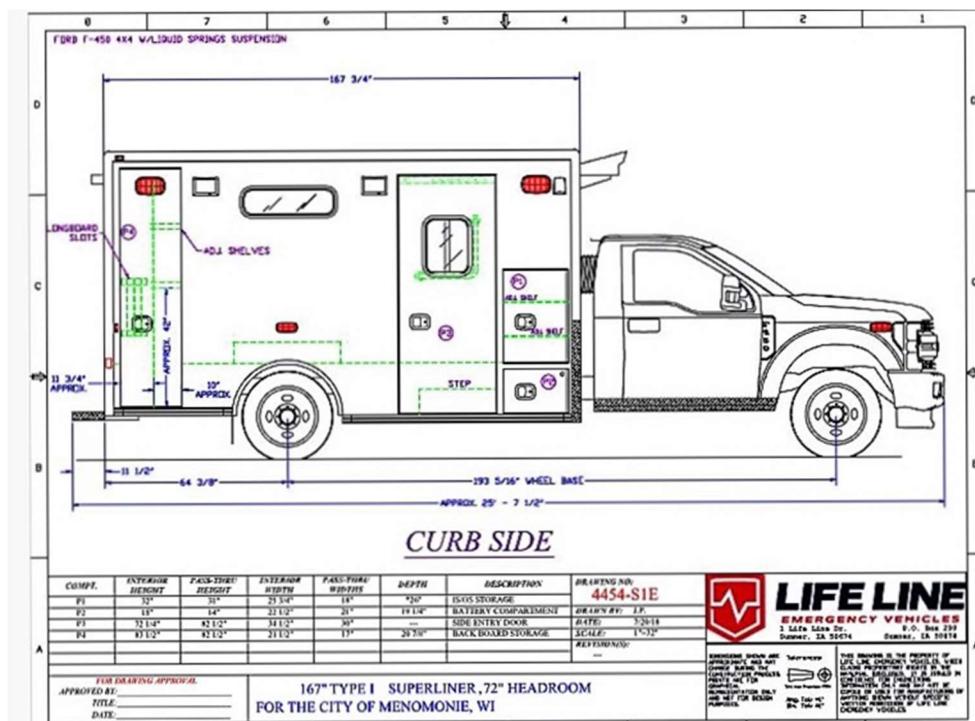


On this new engine we were able to have installed an Intercom System. This allows every seating position in the truck to have clear communications with each other while the truck is in operation. The headsets are wireless, which allows the driver to walk around the truck and still be in constant radio communication. This same brand and type of Intercom system is getting installed in our new tender and our 2003 Engine 2.



The department is still waiting on the new tender that the Rural Fire Board ordered in October 2021. We anticipate the tender arriving in late 2023.

In late December of 2022 the City of Menomonie signed a contract with LifeLine Emergency Vehicles for the purchase of (1) new ambulance and (1) remounted ambulance. With the current delays, we are planning on the new ambulance arriving in 2024. Once the new ambulance is put into service, our current Medic 3 (2012 LifeLine) will be sent to LifeLine for the remount. By doing a remount, the city will save around \$65,000 in comparison to a new ambulance.



Annually, our entire fleet gets a DOT inspection, has preventative maintenance done, and has pumps and ladders tested and recertified. Most of this is done by companies like Northtown Ford, Norden Truck Repair, Emergency Apparatus, and American Test Center. The department also uses these same companies for any repairs that cannot be done by our own personnel.

The average age of the City's Fire Apparatus is 5 years old.

The average age of the City's Ambulances is 6.7 years old.

The average age of the Rural's Fire Apparatus is 25 years old.

The fire department has added Milwaukee Battery tools to a couple of engines. These tools allow the staff to handle many different tasks without the use of generators, cords, and gasoline.



MISCELLANEOUS PICTURES



Fire on County Road G



Fire at 701 North Broadway



Accident on Slippery Roads



Rich Brackett Spraying Water
To Cool Things Down After
The Main Fire Was Out



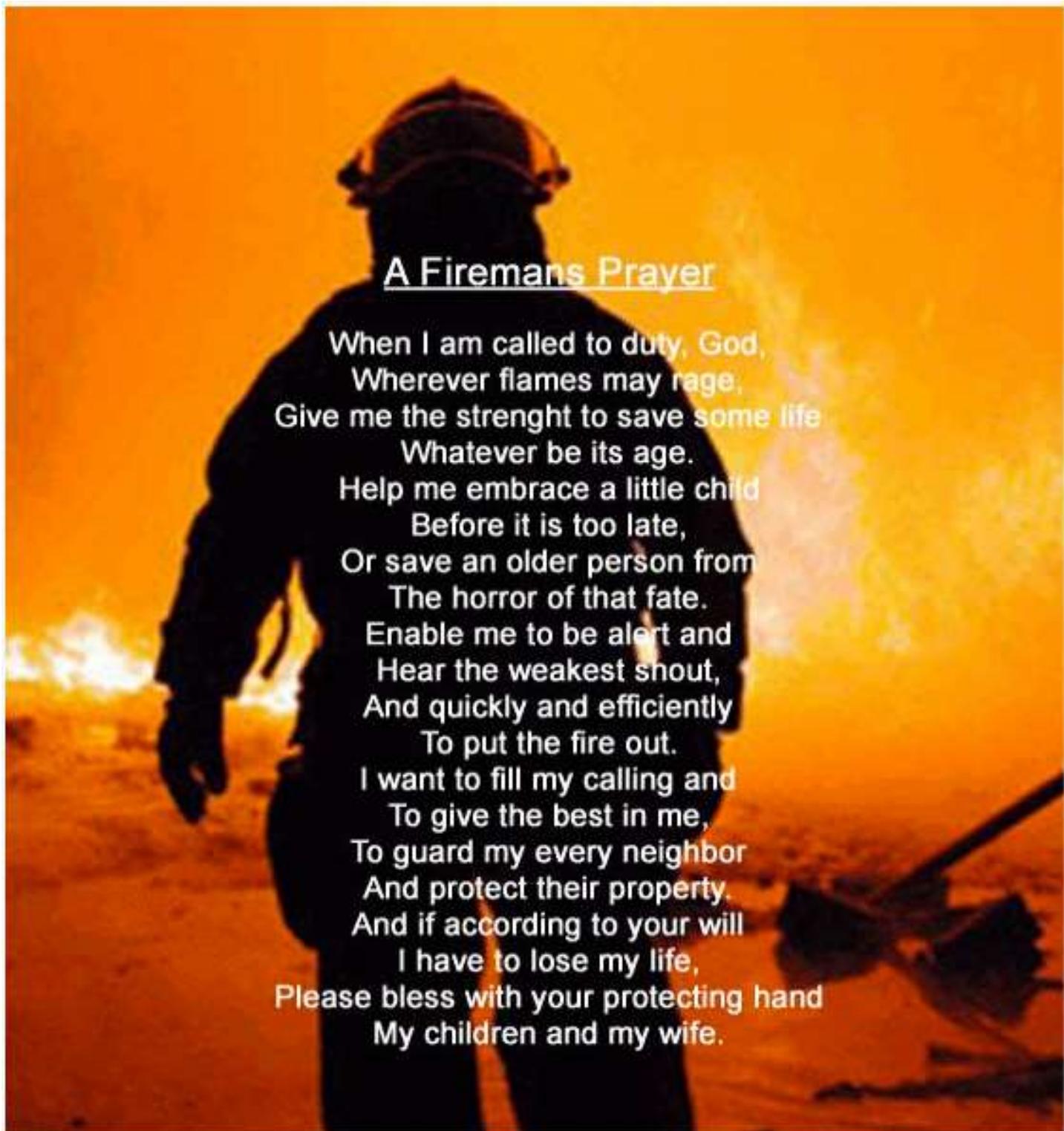
Truck Fire A Little Too Close to the Garage



Small Outbuilding Fire



Boat Fire on Tainter Lake



A Firemans Prayer

When I am called to duty, God,
Wherever flames may rage,
Give me the strength to save some life
Whatever be its age.
Help me embrace a little child
Before it is too late,
Or save an older person from
The horror of that fate.
Enable me to be alert and
Hear the weakest shout,
And quickly and efficiently
To put the fire out.
I want to fill my calling and
To give the best in me,
To guard my every neighbor
And protect their property.
And if according to your will
I have to lose my life,
Please bless with your protecting hand
My children and my wife.