



Train Derailment near Knapp on January 12, 2020

# MENOMONIE FIRE DEPARTMENT 2020

## FROM THE CHIEF'S DESK

The year started off in typical fashion but quickly turned into a challenge none of us ever envisioned. Despite the issues we faced with Covid-19 our department stood up and not only persevered but thrived. In the end we came out stronger and better able to handle adversity.

January brought new leadership as Chief Baus retired after 14 years and Battalion Chief's Benrud and Klass assumed interim fire chief duties. At the end of June, Battalion Chief John Entorf retired after 27 years and Captain Larry Zais was promoted to that position. In August, Lieutenant Adam Mucks was promoted to Battalion Chief as Battalion Chief Klass moved to the fire chief's position. With those promotions came openings which were filled when Matt Poliak was promoted to captain and Josh Romsos was promoted to lieutenant.

Three of our motor pump operators, Jon Fisher, Kyle Repaal, and Randy Wood, all of whom started in January of 2000 retired at the end of 2020. Those positions were filled with new hires which brought to five the number of new members hired in 2020. Those newly hired firefighter/paramedics are: Brad Kenealy, Jesse Daly, Ross Boyd, Matt Travis, and Clint Lightell.

Although call volume dropped off sharply when Covid first appeared, numbers stabilized and actually increased towards the end of the year. We ran 2,907 calls during the year with approximately 88% of those being EMS. Tragically, we lost four community members in two separate house fires during the year with all four occurring in Spring Brook Township.

Despite the limitations brought on by Covid, members were able to conduct a lot of training, station maintenance, and in-house items that we typically don't have time for. Although 2020 was a year most of us were glad to see come to an end, we as a department had a great year and are hopeful 2021 brings a sense of normalcy back into everyone's life.

We would like to thank the citizens we serve, city and rural administrations, and council for the support they've shown our department this year. In unprecedeted circumstances we were afforded the tools to safely continue service to all those we've been sworn to protect.

Denny Klass  
Fire Chief

**CHIEF**  
Dennis Klass

**ADMINISTRATIVE ASSISTANT**  
Teri Riek

**BATTALION CHIEFS**

Andy Benrud  
Adam Mucks  
Larry Zais

**CAPTAINS**

Tim Koleski  
Chuck Mensing  
Matt Poliak

**LIEUTENANTS**

Josh Romsos  
Michael Christian  
Brady Bleskacek

**MOTOR/PUMP OPERATORS (MPOs)**

Chad Bock	Rich Brackett
Juan Gamez	Jon Peterson
Kyle Repaal	Randy Wood

**FIREFIGHTERS/PARAMEDICS/EMTs**

Ross Boyd	Jesse Daly
Tim Fasbender	Andy Kissell
Clint Lightell	Adam McCulloch
Brent Monfort	Travis Nessel
Ben Simmons	Kaeden Thom
Matthew Travis	Joe Wayne
Dan Williams	

**PAID ON CALL FIREFIGHTERS**

Scott Barnhart	Alex Beranek
Sam Danovsky	Doug Fleming
Todd Glenna	Scott Gregory
Tony Klatt	Joe Kunkel
Josh Monk	Karl Palmer
Blake Paulson	Nathaniel Schmitz
Zach Sample	Sean Schuh
Dan Smith	Sean Staidl

Kollin Stirn

**Menomonie Fire Department**

**Incident Type Report (Summary)**

**Alarm Date Between {01/01/2020} And {12/31/2020}**

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>1 Fire</b>				
100 Fire, Other	8	1.30%	\$6,012	0.47%
111 Building fire	28	4.58%	\$1,074,327	84.18%
112 Fires in structure other than in a building	1	0.16%	\$2,700	0.21%
113 Cooking fire, confined to container	8	1.30%	\$450	0.03%
114 Chimney or flue fire, confined to chimney	2	0.32%	\$1,000	0.07%
121 Fire in mobile home used as fixed residence	1	0.16%	\$6,000	0.47%
130 Mobile property (vehicle) fire, Other	1	0.16%	\$500	0.03%
131 Passenger vehicle fire	9	1.47%	\$51,601	4.04%
132 Road freight or transport vehicle fire	4	0.65%	\$88,501	6.93%
137 Camper or recreational vehicle (RV) fire	1	0.16%	\$32,500	2.54%
138 Off-road vehicle or heavy equipment fire	1	0.16%	\$1,000	0.07%
140 Natural vegetation fire, Other	4	0.65%	\$650	0.05%
142 Brush or brush-and-grass mixture fire	2	0.32%	\$0	0.00%
143 Grass fire	4	0.65%	\$0	0.00%
150 Outside rubbish fire, Other	4	0.65%	\$0	0.00%
151 Outside rubbish, trash or waste fire	1	0.16%	\$0	0.00%
154 Dumpster or other outside trash receptacle	1	0.16%	\$250	0.01%
160 Special outside fire, Other	1	0.16%	\$0	0.00%
162 Outside equipment fire	1	0.16%	\$500	0.03%
	82	13.42%	\$1,265,991	99.20%
<b>2 Overpressure Rupture, Explosion, Overheat (no fire)</b>				
210 Overpressure rupture from steam, Other	1	0.16%	\$0	0.00%
221 Overpressure rupture of air or gas	1	0.16%	\$0	0.00%
251 Excessive heat, scorch burns with no	5	0.81%	\$100	0.00%
	7	1.14%	\$100	0.00%
<b>3 Rescue &amp; Emergency Medical Service Incident</b>				
300 Rescue, EMS incident, other	9	1.47%	\$0	0.00%
311 Medical assist, assist EMS crew	217	35.51%	\$0	0.00%
320 Emergency medical service, other	2	0.32%	\$0	0.00%
321 EMS call, excluding vehicle accident with	2	0.32%	\$0	0.00%
322 Motor vehicle accident with injuries	28	4.58%	\$0	0.00%
324 Motor Vehicle Accident with no injuries	21	3.43%	\$0	0.00%
350 Extrication, rescue, Other	5	0.81%	\$0	0.00%
351 Extrication of victim(s) from	1	0.16%	\$0	0.00%
352 Extrication of victim(s) from vehicle	5	0.81%	\$0	0.00%
353 Removal of victim(s) from stalled elevator	2	0.32%	\$0	0.00%
360 Water & ice-related rescue, other	2	0.32%	\$0	0.00%
361 Swimming/recreational water areas rescue	1	0.16%	\$0	0.00%
362 Ice rescue	1	0.16%	\$0	0.00%

**Menomonie Fire Department**

**Incident Type Report (Summary)**

**Alarm Date Between {01/01/2020} And {12/31/2020}**

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>3 Rescue &amp; Emergency Medical Service Incident</b>				
363 Swift water rescue	5	0.81%	\$0	0.00%
365 Watercraft rescue	1	0.16%	\$0	0.00%
	302	49.42%	\$0	0.00%
<b>4 Hazardous Condition (No Fire)</b>				
400 Hazardous condition, Other	5	0.81%	\$0	0.00%
410 Combustible/flammable gas/liquid condition,	1	0.16%	\$0	0.00%
411 Gasoline or other flammable liquid spill	4	0.65%	\$0	0.00%
412 Gas leak (natural gas or LPG)	15	2.45%	\$0	0.00%
413 Oil or other combustible liquid spill	2	0.32%	\$0	0.00%
420 Toxic condition, Other	1	0.16%	\$0	0.00%
421 Chemical hazard (no spill or leak)	1	0.16%	\$0	0.00%
424 Carbon monoxide incident	12	1.96%	\$0	0.00%
440 Electrical wiring/equipment problem, Other	2	0.32%	\$10,000	0.78%
443 Breakdown of light ballast	1	0.16%	\$0	0.00%
444 Power line down	10	1.63%	\$0	0.00%
445 Arcing, shorted electrical equipment	2	0.32%	\$0	0.00%
471 Explosive, bomb removal (for bomb scare,	1	0.16%	\$0	0.00%
	57	9.32%	\$10,000	0.78%
<b>5 Service Call</b>				
500 Service Call, other	5	0.81%	\$0	0.00%
510 Person in distress, Other	1	0.16%	\$0	0.00%
511 Lock-out	2	0.32%	\$0	0.00%
522 Water or steam leak	3	0.49%	\$0	0.00%
531 Smoke or odor removal	4	0.65%	\$0	0.00%
542 Animal rescue	4	0.65%	\$0	0.00%
551 Assist police or other governmental agency	1	0.16%	\$0	0.00%
553 Public service	1	0.16%	\$0	0.00%
561 Unauthorized burning	1	0.16%	\$0	0.00%
	22	3.60%	\$0	0.00%
<b>6 Good Intent Call</b>				
600 Good intent call, Other	27	4.41%	\$0	0.00%
611 Dispatched & cancelled en route	20	3.27%	\$0	0.00%
622 No Incident found on arrival at dispatch	3	0.49%	\$0	0.00%
631 Authorized controlled burning	1	0.16%	\$0	0.00%
651 Smoke scare, odor of smoke	1	0.16%	\$0	0.00%
652 Steam, vapor, fog or dust thought to be	2	0.32%	\$0	0.00%

Menomonie Fire Department

Incident Type Report (Summary)

Alarm Date Between {01/01/2020} And {12/31/2020}

Incident Type	Count	Pct of Incidents	Total Est Loss	Pct of Losses
<b>6 Good Intent Call</b>	<b>54</b>	<b>8.83%</b>	<b>\$0</b>	<b>0.00%</b>
<b>7 False Alarm &amp; False Call</b>				
700 False alarm or false call, Other	20	3.27%	\$0	0.00%
710 Malicious, mischievous false call, Other	3	0.49%	\$0	0.00%
713 Telephone, malicious false alarm	1	0.16%	\$0	0.00%
730 System malfunction, Other	4	0.65%	\$0	0.00%
731 Sprinkler activation due to malfunction	1	0.16%	\$0	0.00%
733 Smoke detector activation due to	10	1.63%	\$0	0.00%
735 Alarm system sounded due to malfunction	1	0.16%	\$0	0.00%
736 CO detector activation due to malfunction	3	0.49%	\$0	0.00%
741 Sprinkler activation, no fire -	2	0.32%	\$0	0.00%
743 Smoke detector activation, no fire -	13	2.12%	\$0	0.00%
744 Detector activation, no fire -	7	1.14%	\$0	0.00%
745 Alarm system activation, no fire -	14	2.29%	\$0	0.00%
746 Carbon monoxide detector activation, no CO	6	0.98%	\$0	0.00%
	<b>85</b>	<b>13.91%</b>	<b>\$0</b>	<b>0.00%</b>
<b>9 Special Incident Type</b>				
900 Special type of incident, Other	2	0.32%	\$0	0.00%
	<b>2</b>	<b>0.32%</b>	<b>\$0</b>	<b>0.00%</b>

Total Incident Count: 611

Total Est Loss: \$1,276,091

Menomonie Fire Department

Incidents by District (Summary)

Alarm Date Between {01/01/2020} And {12/31/2020}

District		Count	Pct of Incidents	Est Losses	Pct of Losses
001	001	62	10.14 %	\$14,151	1.11 %
002	002	69	11.29 %	\$57,500	4.51 %
003	003	39	6.38 %	\$0	0.00 %
004	004	28	4.58 %	\$15,200	1.19 %
005	005	10	1.63 %	\$35,001	2.74 %
006	006	28	4.58 %	\$1,001	0.08 %
007	007	33	5.40 %	\$102,500	8.03 %
008	008	45	7.36 %	\$20,601	1.61 %
009	009	30	4.91 %	\$700	0.05 %
010	010	31	5.07 %	\$3,000	0.24 %
011	011	55	9.00 %	\$1,000	0.08 %
020	Township of Lucas	24	3.92 %	\$277,001	21.71 %
021	Township of Menomonie	61	9.98 %	\$21,600	1.69 %
022	Township of Sherman	4	0.65 %	\$0	0.00 %
024	Township of Red Cedar	23	3.76 %	\$29,761	2.33 %
025	Township of Spring Brook	6	0.98 %	\$165,000	12.93 %
026	Township of Tainter	25	4.09 %	\$32,000	2.51 %
027	Township of Dunn	23	3.76 %	\$412,500	32.33 %
028	Knapp, Village of	5	0.81 %	\$1,000	0.08 %
030	Out of Jurisdiction	10	1.63 %	\$86,575	6.78 %

Total Incident Count: 611

Total Est Losses: \$1,276,091

## FLEET RESOURCES

Menomonie Fire Department maintains fifteen vehicles, three trailers with equipment, and two boats. Among these apparatus, eleven are owned by the city, nine are owned by the rural, and one is jointly owned by the city and rural. The average age of these apparatus is 9.5 years old for the city, 20.5 years old for the rural, and the one apparatus jointly owned is 22 years old.

There were several repairs of upgrades made to apparatus this year. In May, Tainter Machine cut off the tailboard bumper on Brush 1.



In October, Tender 3 had a side toolbox and battery box replaced due to the old box being rusted out. This work was again done by Tainter Machine.



In December, Medic 2 and Medic 3 had Stryker Power Load systems installed. This system does the lifting of our patient cots, with the patient on the cot. By getting this Power Load system the department hopes to reduce the chance of a potential back injury. Both Power Loads were able to be purchased with COVID relief funds.



A new Thermal Imaging Camera (TIC) was purchased and placed on Engine 2. All three frontline engines have the same FLIR brand TIC.



When we purchased this camera, we were able to receive another smaller Thermal Imaging Camera for free that the Battalion Chiefs carry with them when they are doing their walk-around at fire scenes.



Throughout the year, the members of our department do annual testing of different pieces of equipment. Every spring FF/Paramedic Joe Wayne does service on all of our small engines. He makes sure that all the chains are sharp, oil is changed, they have fresh gas, and that they start right away.



In May the department pressure tests all 18,500 feet of fire hose that is on the trucks or on the shelves for use when restocking trucks after fires. This testing generally takes all three shifts the entire month of May to get done.





In September the department tests the sixteen ladders we have within our fleet. They are tested for horizontal bend, the hardware is tested, and they are also visually inspected for any defects.

The department also relies on outside testing companies to come in and do annual testing. Emergency Apparatus and Maintenance out of Lino Lake, MN comes every June and does pump testing on all of our engines and the ladder truck. This certifies that the pumps do not have any leaks, maintains a vacuum, and makes sure that the truck will move water when an emergency call arrives.



American Test Center from River Falls, WI does annual testing of the aerial device on Ladder 4.



Fire Rescue Supply from Belleville, WI comes in and tests and cleans all of our extrication equipment. This is very essential as we need this equipment to work when we need it most.



Fall of 2020 brought the start of a committee to research the replacement of city Engine 6. This engine is 15 years old and is starting to develop problems. The committee of BC Zais, Lt. Bleskacek, Lt. Romsos, and MPO Peterson spent several hours researching the best replacement engine for Menomonie Fire. With this research, a set of specifications was developed and a price on replacement was presented to the City Council.

## PAID ON CALL FIREFIGHTERS

The Fire Department currently has 17 paid on call (POC) members. In 2020 we added two new members to our roster. They are divided into two platoons with two platoon leaders in each platoon. Members attend bi-monthly trainings taught by full time members along with any other trainings from outside instructors. POC were active on 28 calls last year. They are a huge asset to our department.



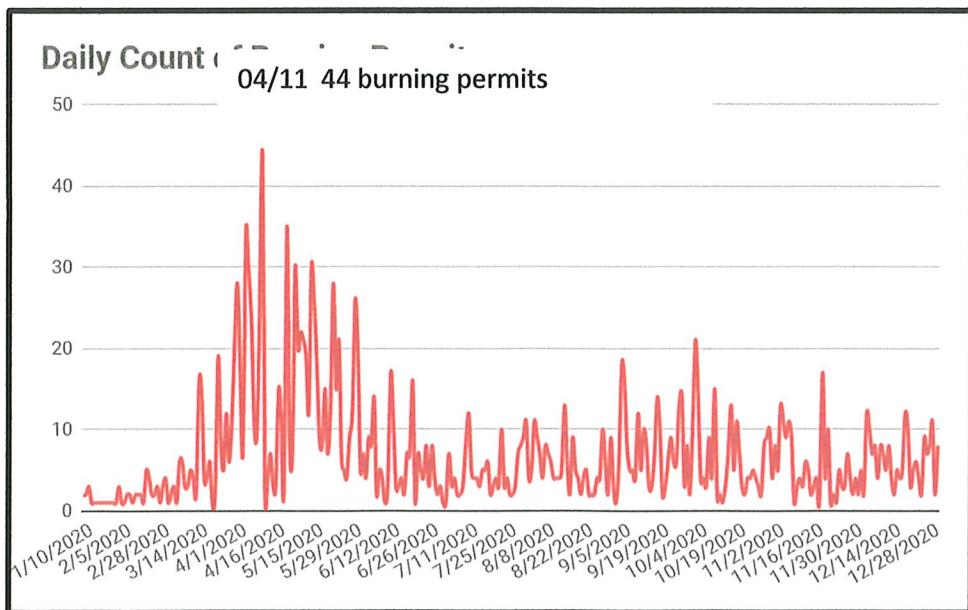
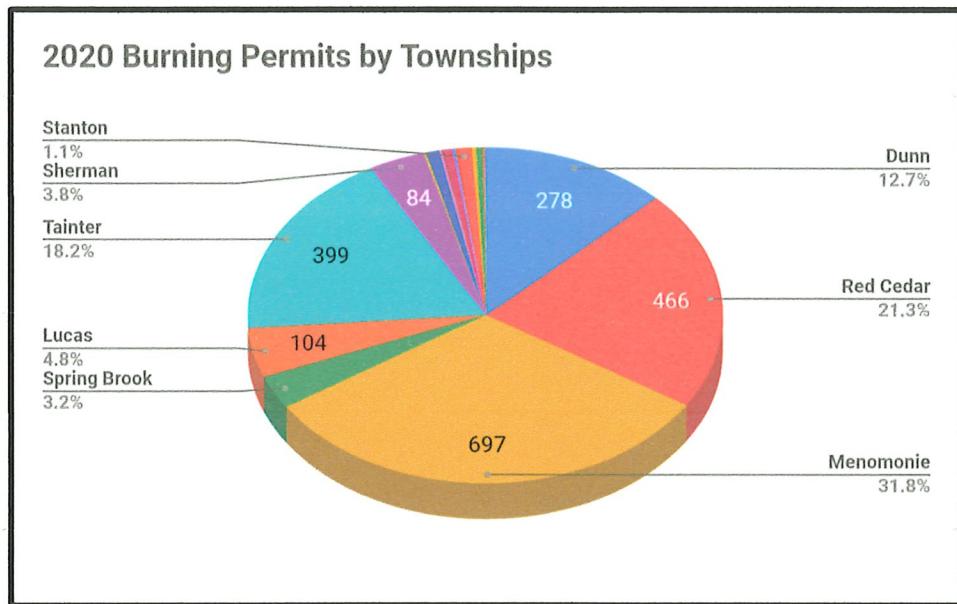
Larry Zais  
Battalion Chief

## BURNING PERMITS

Menomonie Fire Department is responsible for receiving and granting burning permits for the citizens of Dunn County. Residents of Dunn County are allowed to burn brush, leaves, pine needles, wood that is clean, dry, untreated, and unpainted. All fires must be attended to at all times and they are responsible for any damage that may result of a fire that becomes uncontrolled.

In 2020 Menomonie Fire Department received **2,190** burning permits for Dunn County which is a **34.8%** increase from 2019. Below are graphs showing the percentage and amount of burning permits in each township as well as the daily totals during the year. City of Menomonie residents have separate regulations for burning and must present to the fire department for burning permits within the city limits.

Michael Christian  
Lieutenant



## INSPECTIONS

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. 2020 was the exception to the rule due to COVID. The fire department under orders from the State of Wisconsin were not required to do our regular inspections. We did, however, inspect all of the schools and UW Stout buildings twice, as usual. The fire department also assisted any business that was in need or wanted their inspections done.

### Inspection Numbers:

	<u>2020</u>	<u>2019</u>
Total Inspections performed -----	80	2196
Total hours inspecting -----	60	637
Total violations found -----	9	422
Total violations corrected -----	0	162
Total re-inspections performed -----	0	16
Total notices issued -----	80	250

In 2020 we responded to two fires in inspected structures.

<u>Date</u>	<u>Address</u>	<u>Business Type</u>	<u>Damage</u>	<u>Cause</u>
10/16/20	1110 South Broadway	UW Stout	\$5,000	Rags in the dryer
12/16/20	388 Red Cedar St	Apartment	\$1,000	Dirty lint trap
12/25/20	2121 South Broadway	Laundry Mat	\$2,800	Undetermined

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

The photos below show some of the issues we find while inspecting.

Brady Bleskacek  
Lieutenant

Snow piled in front of FDC



### **Covered Pull Station**



### **Blocked Exits**



 **LOCKNET**

## TRAINING

2020 was a busy year of training for our department. With a decrease in inspections and public education because of COVID we were able to dedicate more time to training. This was beneficial for increasing our skill set and training new employees. We had multiple members complete State certification courses in Pumper Operations, Aerial Operations, Fire Officer, and Emergency Service Instructor. All of these courses were taught by Chippewa Valley Technical College. Our members have a strong passion for training and they are always looking to expand their knowledge base to better serve the community as professional firefighters and medics.

Adam Mucks  
Battalion Chief

Prescribed Wildland Training Burn





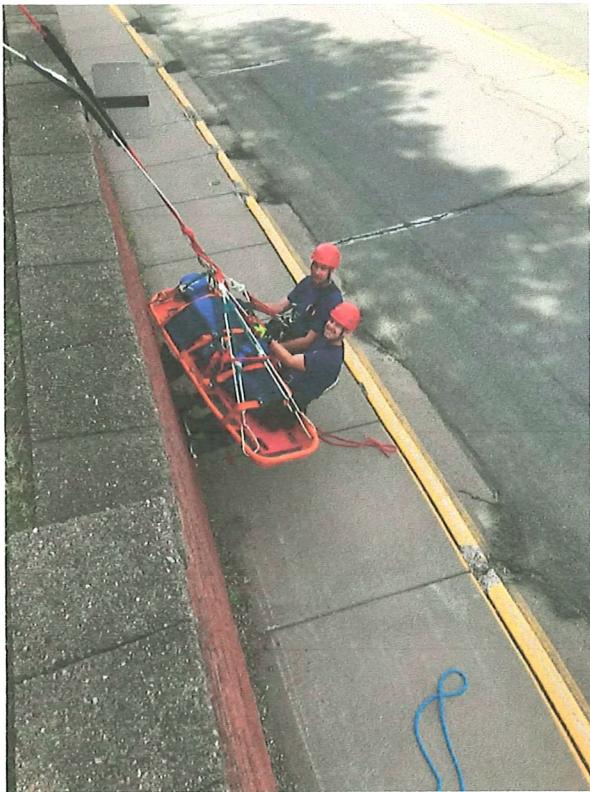
Trench Rescue Training



Aerial Operations Course with Chippewa Valley Technical College



## Rope Rescue Training at Station 1



Ice Rescue Training Preparing for 2020 season



## Self-Rescue Training



## HAZARDOUS MATERIALS

The Menomonie Fire Department is one of thirteen Type 3 teams for the State of Wisconsin. We have the capabilities to respond to hazardous incidents in our area if requested by the Wisconsin Emergency Management (WEM) office. We are also the Level B team for Dunn and Pepin Counties.

With the help of both counties, we were able to get a Wisconsin Emergency Management Grant to purchase protective gear to respond to chemical leaks and spills.

Tim Koleski  
Captain



This is a Level A fully encapsulated suit that is used to protect responders at spills and leaks.

**CHIPPEWA VALLEY  
TECHNICAL COLLEGE  
INTERNS**



Ross Boyd



Clint Lightell

We had five CVTC interns this year. Out of the group, two of them were selected to be hired as full-time firefighter/paramedics with Menomonie Fire Department. Ross Boyd and Clint Lightell were the two chosen. As part of the CVTC fire/medic program, the students are required to intern with a surrounding department. They are put on a shift with the department and they work with that shift for about two and a half months.

## High School Internship

Hello! I am Chloe Styer and I will be doing my senior internship at the Menomonie Fire Department. I am extremely excited to see what all goes into the job. I have always thought being a paramedic and firefighter would be an amazing job. When my dad fell off a 12-foot wall and snapped his femur in half, that really convinced me that this would be what I want to do in the future. It amazed me how calm everyone stayed and how everyone knew exactly what to do. I have always loved helping people and I am always willing to lend a helping hand. I am amazed at what you all do and I believe that this job would be incredibly rewarding - being able to help people on some of their worst days.

### **A little bit about myself:**

I grew up on a large dairy farm south of Menomonie. We milk around 2,000 cows and I have been working there all of my life. Some of the best things farming teaches kids is hard work, dedication, and to never be late for anything because if you're late for chores, you're going to be in trouble! I have shown pigs at the Dunn County fair for 7 years, and pride myself for only having 3 ribbons below second place. Hard work and dedication really pays off!

All in all, I am very excited to be interning with you guys and to be learning a lot!



## PUBLIC EDUCATION

The Public Education Division is responsible for providing information about our department to our community. Through school visits during fire safety week, younger students are able to interact with our staff and familiarize themselves with our staff, both in and out of turnout gear. We also take that opportunity to give age specific emergency safety talks to students and discuss topics ranging from knowing their address and fire escape plans at home, to changing batteries in their smoke detectors. The Public Education Division is also responsible for giving station tours to visitors and providing fire extinguisher training to local businesses and institutions.

2020 was an interesting year for the Public Education Division. Whereas we are normally able to visit our local schools and assist various civic groups, with COVID-19 restrictions in place, we were unable to visit with students and unable to have visitors at the station. However, even without being able to interact with our community face to face, we were still able to provide Fire Prevention Week materials to all of our schools and students. Through the department social media pages, we were also able to disseminate plenty of good fire prevention material to the public. We look forward to hopefully being able to return to our normal Public Education activities in 2021.

## SOCIAL MEDIA

The MFD social media pages saw notable upticks in usage and traffic over the course of the last year. One reason for this was the addition of two more members to the Social Media committee – Adam McCulloch and Dan Williams. These two put in a lot of time putting together quality information we can share with the public to keep them safe, but also to stay relevant and connected to our community. The other reason our social media usage increased was because COVID-19 left us no other way to interact with our community. Our MFD social media pages would typically have much more content and photos, but due to social distancing, we were very limited in our

◀  Menomonie Fire Department  
Oct 16, 2020 · 3

Tonight, MFD was honored to recognize two community members for their heroic and life-saving efforts during an early morning house fire on September 25th. Xeng Xiong and Russell Bahr immediately recognized what was happening and selflessly jumped into action before our crews arrived at the scene and were able to pull an entrapped resident out of the burning house. Please help us in giving these gentlemen congratulations and gratitude. An accomplishment of this magnitude is a very special and extremely rare. Thank you Xeng and Russell, and again, congratulations on a job VERY WELL DONE!



opportunities to show them.

 Menomonie Fire Department  
Oct 5, 2020 · 3

This week all MFD personnel will be completing Trench Rescue training. Techniques learned are used in the event that an individual becomes trapped in an unstable soil collapse.



[Learn More](#)



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## RESCUE TASK FORCE (RTF)

Menomonie Fire Department continues to stand ready for active shooter and mass casualty incidents. As a rescue task force, we are able to enter zones we previously had to wait long periods of time to get into. This provides for quicker patient access, life-saving treatment, and extrication from the scene and to the hospital. Through grant funding a couple of years ago MFD was able to obtain ten sets of ballistic vests and helmets. We also were able to buy three supply packs that contain multiple tourniquets, bleeding control gauze, bandaging, chest seals, and patient movers. In addition to active shooter incidents and mass casualty incidents, our gear and its placement on our ambulances, allows our staff to operate more safely and quickly put on the gear should one of our “run-of the-mill” EMS calls quickly deteriorate.

As a department, we are usually scheduled to participate in active shooter and rescue task force training with our local law enforcement agencies, but again, due to COVID-19, interdepartmental training has been put on hold. By working with these local law enforcement agencies, we are able to familiarize ourselves with their movements and commands. They, in turn, are also able to see what it is we do for our patients and what our priorities are.

Each shift has a representative from the RTF committee and consists of FF Joe Wayne, FF Andy Kiss, and FF Travis Nessel.

## AIR PACKS

Our self-contained breathing apparatus (SCBAs) or “air packs” go through weekly inspection and maintenance to ensure they operate correctly. This includes cleaning, checking for adequate air pressure, and checking to make sure the personal alert safety systems (PASS) function properly. They also must pass an annual “flow test” that is done by an outside company to test their pressure and electronics components.

Each member of MFD also goes through an annual “fit test” with their issued face mask. This process, conducted by MPO Rich Brackett, FF Andy Kiss, and FF Ben Simmons, consists of firefighters putting on their face masks and performing a series of movements while hooked up to a machine that detects air leaks in an improperly fitting mask. This helps to keep our members safe from hazardous environments we frequently find ourselves working in.

Matt Poliak  
Captain

## Runs by Zone - District

Scene Incident Zone	Number of Runs	Percent of Total Runs
City Ward-11	493	21.4%
City Ward 1	333	14.5%
City Ward 2	207	9.0%
Menomonie Township	158	6.8%
City Ward 8	127	5.5%
City Ward-10	112	4.8%
City Ward 9	108	4.7%
Red Cedar Township	95	4.1%
City Ward 4	94	4.0%
City Ward 3	88	3.8%
Tainter Township	84	3.6%
Out of Jurisdiction	76	3.3%
City Ward 6	58	2.5%
City Ward 7	52	2.2%
Dunn Township	40	1.7%
Spring Brook Township	39	1.7%
City Ward 10	38	1.6%
Lucas Township	32	1.3%
City Ward 5	27	1.1%
Village of Knapp	24	1.0%
Sherman Township	12	0.5%
Total: 2,297		Total: 100.0%

## Report Filters

Incident Date: is between '1/1/2020' and '12/31/2020'

Agency Name (Dagency.03): is in 'Menomonie Fire Department'

Response Ems Shift (Iresponse.005): is in 'A Shift , B Shift , C Shift'

Response Type Of Service Requested (Eresponse.05): is in '911 Response (Scene), Flagdown/Walk-in Emergent, Intercept, Interfacility Transport, Lift Assist, Private Caller, Public Assistance/Other Not Listed, Standby'

## Runs by Location Type

Scene Incident Location Type (eScene.09)	Number of Runs	Percent of Total Runs
Single-family non-institutional (private) house	690	30.04%
Apartment	376	16.37%
Hospital	315	13.71%
Street or highway	207	9.01%
Assisted Living Facility	187	8.14%
Nursing home	156	6.79%
Other specified public building	94	4.09%
Mobile home	62	2.70%
Retail Store	39	1.70%
	29	1.26%
College	26	1.13%
Private commercial establishments	23	1.00%
Factory	13	0.57%
Public park	11	0.48%
Health Facility - Dialysis	8	0.35%
Other ambulatory health services establishments	8	0.35%
Elementary school	6	0.26%
Jail	6	0.26%
Other specified industrial and construction area	6	0.26%
Health care provider office	5	0.22%
Middle school	5	0.22%
Other recreation area	5	0.22%
Lake/River	4	0.17%
School dormitory	4	0.17%
Daycare center	3	0.13%
Church	2	0.09%
High school	2	0.09%
Public administrative building	2	0.09%
Athletic court	1	0.04%
Farm	1	0.04%
Wilderness area	1	0.04%
<b>Total: 2,297</b>		<b>Total: 100.00%</b>

## Report Filters

Incident Date: is between '1/1/2020' and '12/31/2020'

Agency Name (Agency.03): is in Menomonie Fire Department

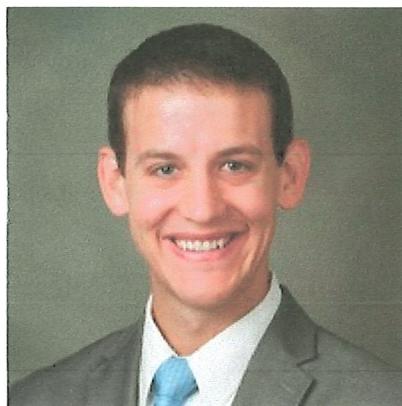
Response Ems Shift (lResponse.05): is in 'A Shift , B Shift , C Shift'

Response Type Of Service Requested (EResponse.05): is in '911 Response (Scene), Flagdown/Walk-in Emergent, Intercept, Interfacility Transport, Lift Assist, Private Caller, Public Assistance/Other Not Listed, Standby'

## EMS ADMINISTRATION

### Medical Director

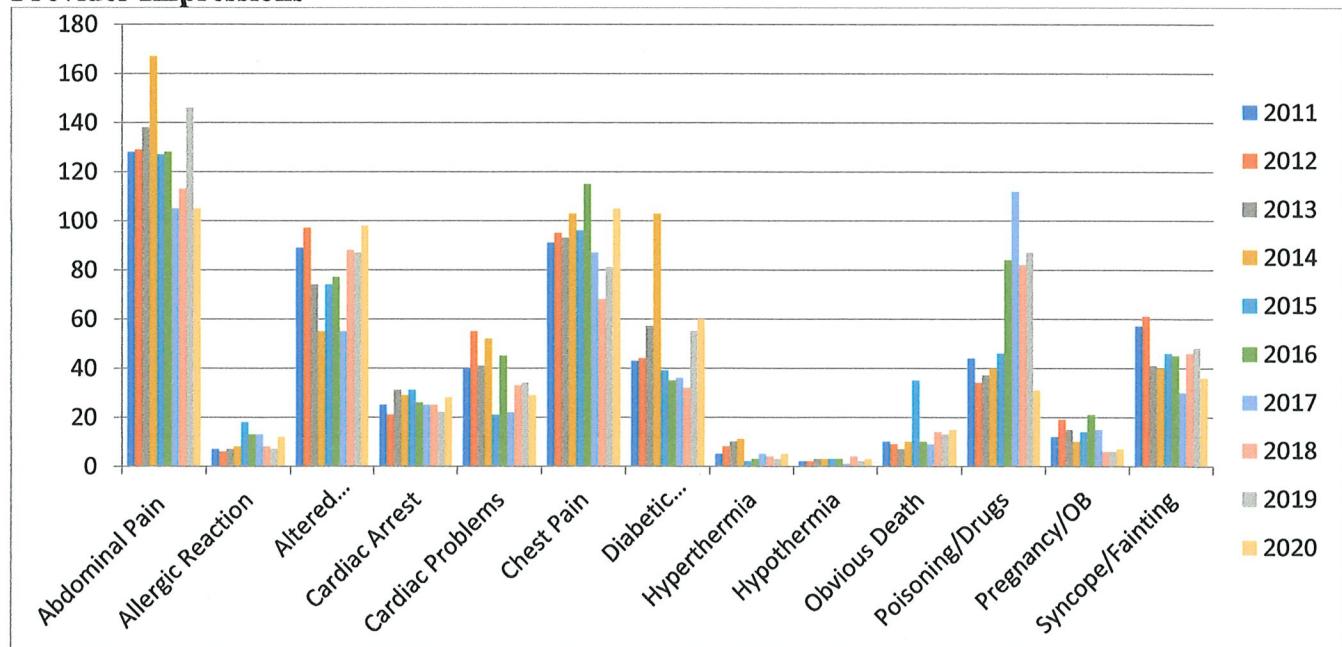
Dr. Nelson continues to be the Medical Director at MFD. He is a board-certified emergency room physician at Mayo-Menomonie and Eau Claire. He reviews critical calls that the ambulance responds to and provides frequent training for ambulance personnel. During 2020, MFD had 2300 ambulance responses. His involvement is very much appreciated by the MFD staff.



Dr. Drew Nelson

### EMS AT A GLANCE

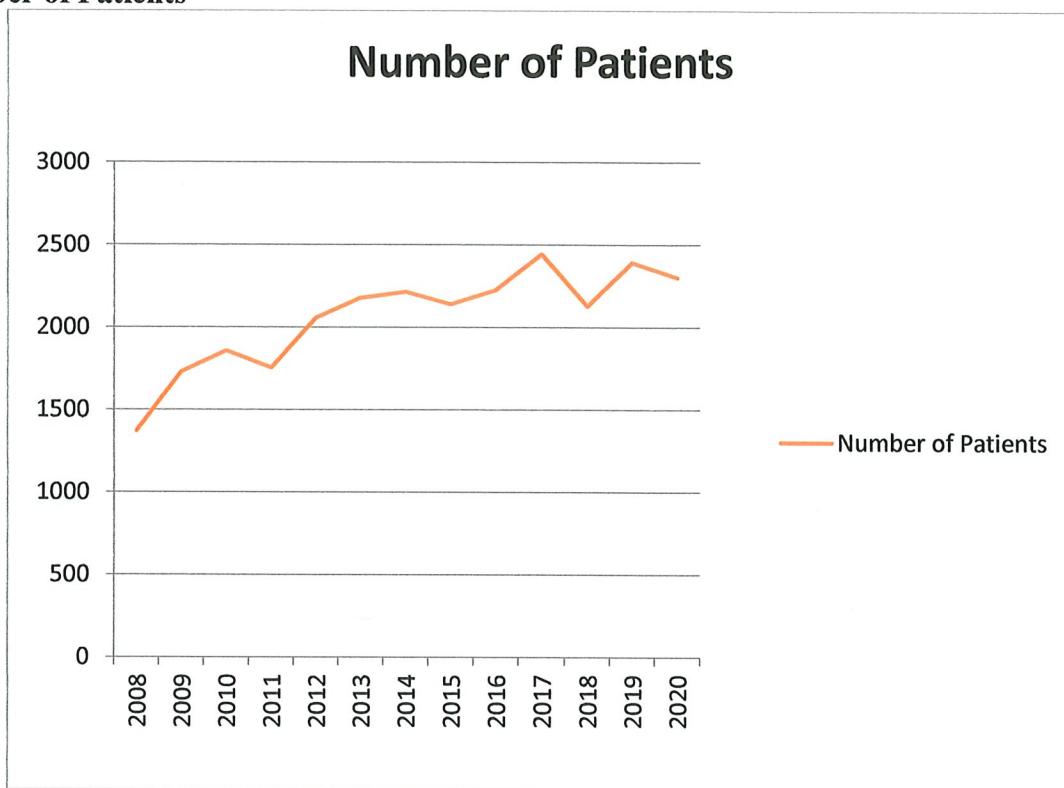
#### Provider Impressions



\* In 2020, MFD had 302 traumatic injuries. (Not in graph)

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

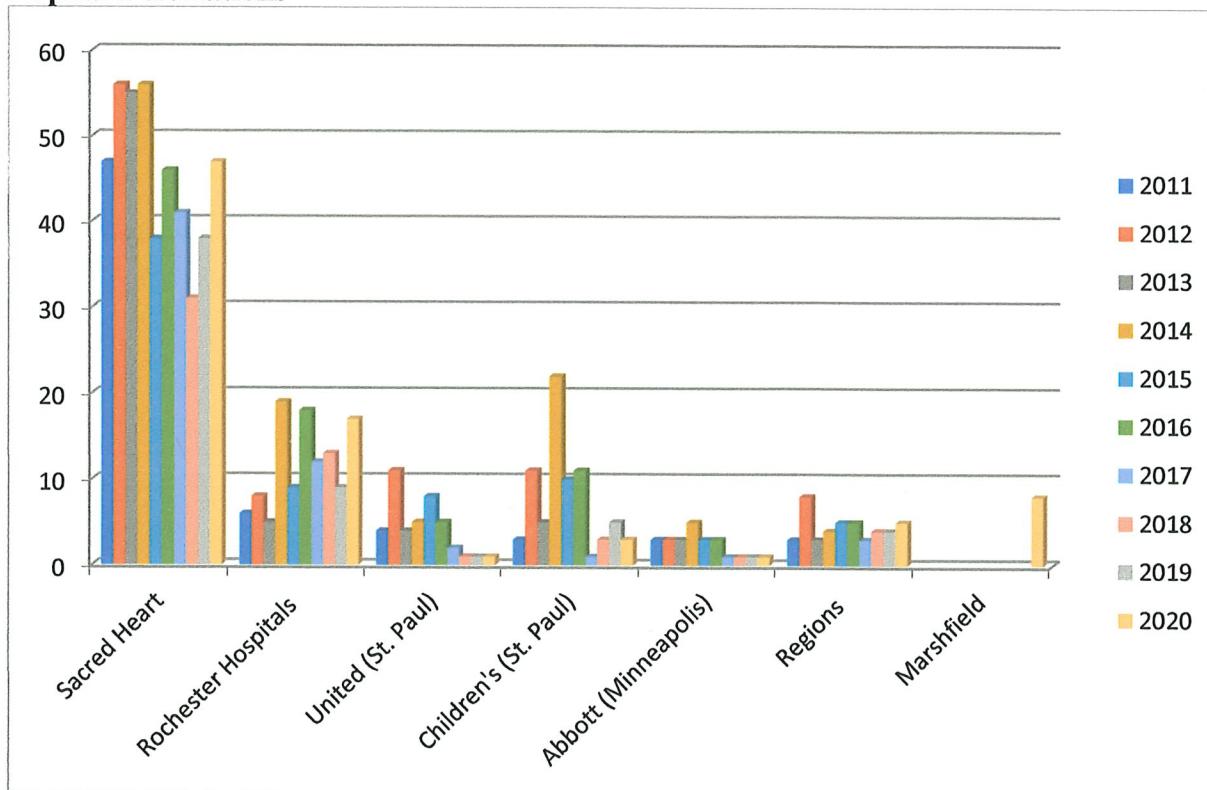
## Number of Patients



The number of patients MFD is treating each year has been inclining 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 fifty-one ambulance intercepts with other area ambulance services. This is requested of us to provide a higher level of care that they cannot provide. In 2020, MFD responded to 2300 patients which was approximately a 4% decrease from 2019 (fire calls not included).



## Hospital Destinations



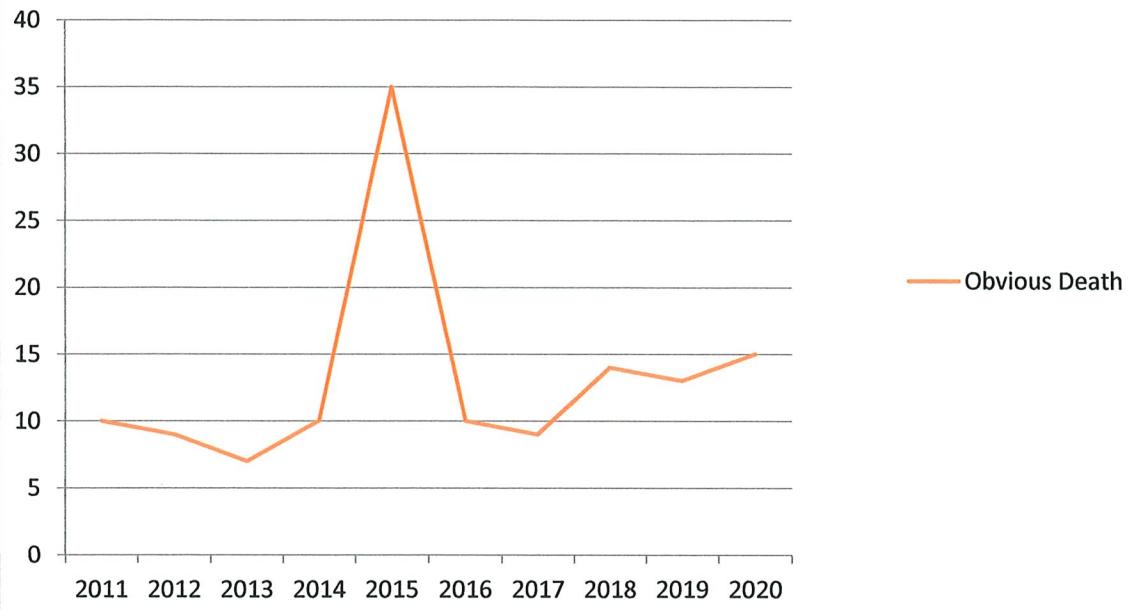
\*The most frequent hospital that MFD transported patients to was Mayo-Menomonie. In 2020, the number of patients transported to Mayo-Menomonie was 1,289.

With the higher level of skills that the Paramedics have, it is now 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 282 patients to Mayo-Eau Claire in 2020 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.

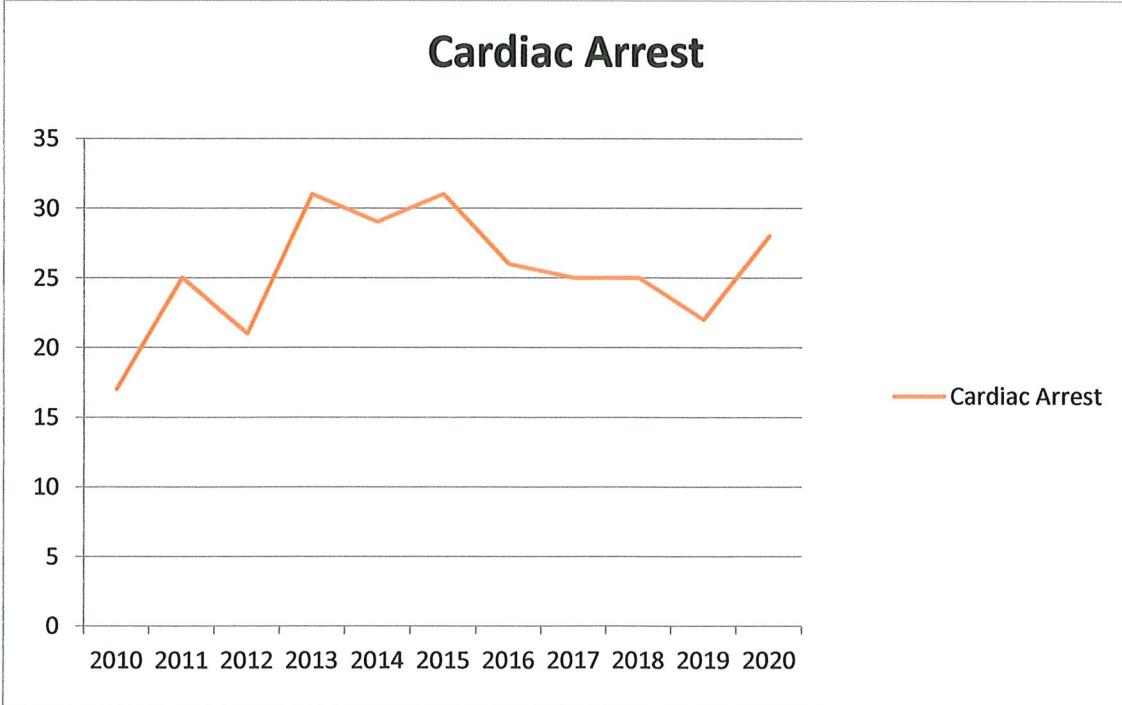
We also transport less frequently to some other area hospitals that are not listed in the graph. Many times, patients decide they do not wish to be transported by ambulance and they refuse transport. Each year approximately 18-20% of all patients request not to be transported.

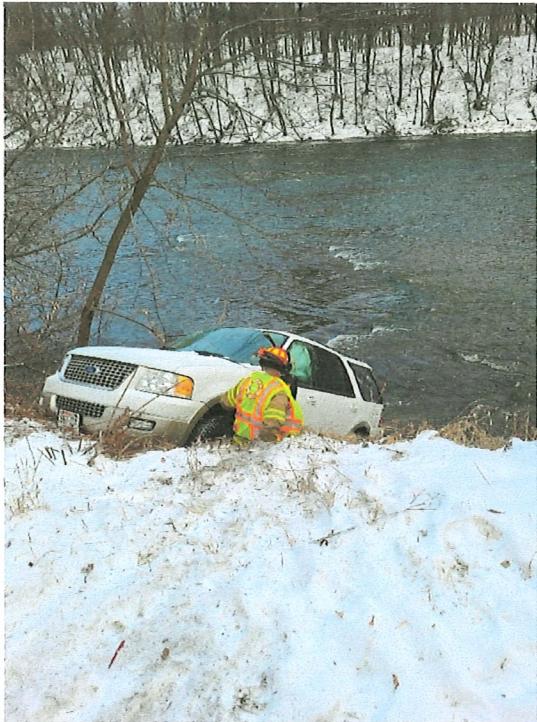
In 2020, MFD provided 356 interfacility (hospital to hospital) transports. Of those interfacility transports, 86 were designated Critical Care which is the highest level an ambulance can be in Wisconsin. Only 66 ambulance services in Wisconsin have the Critical Care designation and this out of 800 ambulance services in the State.

## Obvious Death



## Cardiac Arrest





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 Monday being slightly 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!

Andy Benrud  
Battalion Chief

## EMS SUPPLIES

This summary of the EMS supply division discusses the major vendors used, the approximate amount spent, and some service upgrades that were added for 2020, 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 our largest vendor used, at \$36,659.94; this includes intravenous (I.V.) solutions, I.V. sets, glucometer test strips, many medications, and some small items. Purchases at Teleflex totaled \$5,531.31. Teleflex carries a lot of our IV supplies. Zoll Medical is where we purchased, primarily, cardiac defibrillator supplies for \$1,297.65. Life Assist is another major vendor used for video intubation, totaling \$1,363.25. Mississippi Welders is the oxygen supplier for MFD at \$1,671.27. 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 \$5,241.12. Some of the medications purchased were Fentanyl, Ketamine, Midazolam, and Ketorolac. The total spent on EMS supplies was \$58,695.

We were able to purchase and upgrade the airway camera that we were currently using. 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 visualize the intubation of a patient. The cost of this camera was approximately \$4500.

Chuck Mensing  
Captain

