



**Mequon Fire Department**  
***2020 Annual Report***



11300 N. Buntrock Avenue 64W  
Mequon, Wisconsin 53092  
Phone (262) 242-2530  
Fax (262) 242-5042

---

**OFFICE OF THE FIRE CHIEF**

January 1, 2021

Mayor Wirth  
City of Mequon Council Members  
City of Mequon Administrator William Jones

In 2020 the Mequon Fire Department responded to 2,216 fire and emergency medical calls, a reduction of 107 calls from 2019. The reduced numbers of response seemed to follow a nationwide trend when the Covid-19 outbreak first began. Conversely, the fire department responded to a record 205 EMS calls in November. This report highlights the many emergency and non-emergency activities of the Mequon Fire Department in 2020.

The biggest accomplishments in 2020 was the ability of the Mequon fire department members to respond to the Covid-19 crisis. When the "Safer at Home" order was issued, and much was unknown about the Corona virus, the members of the fire department stepped up. The department had to put into place policy and procedures to protect its' membership and the public with information that was changing, sometimes hourly. Our members were involved, engaged and eager to do whatever they could to help. While the members were busy on the Covid-19 front, the elected officials and ADHOC members of the Future of our Fire Department continued their job of complying and analyzing data to come up with recommendations for the 2021 budget process. The fire department also performed 94 inter-facility transports generating over \$51,000 in revenue.

Moving forward into 2021, the fire department will continue to strive to deliver the highest level of service to the community in the most efficient manner with the resources available. The department will maintain, as its highest priority, the safety of both the residents and department members.

Respectfully Submitted,

*David L Bialk*

Mequon Fire Chief

# 2020 ANNUAL REPORT TABLE OF CONTENTS

|                                                    |       |
|----------------------------------------------------|-------|
| Vision Statement.....                              | 4     |
| Organizational Chart.....                          | 5     |
| Chief's Report.....                                | 6-14  |
| Fire Prevention Report .....                       | 15-16 |
| Training Report .....                              | 17-19 |
| Equipment Report.....                              | 20-21 |
| Station Improvements.....                          | 22    |
| Comparison of Fire and EMS Incidents by Year ..... | 23    |
| 2020 Fire Calls by Type .....                      | 24    |
| 2020 EMS Calls by Dispatch Reason/Age.....         | 25-26 |
| 2020 Hospital Destinations .....                   | 27    |
| 2020 Fire and EMS Calls by Time of Day .....       | 28    |
| Comparison of Average Response Times .....         | 29    |
| 2020 Years of Service Department Roster .....      | 30    |

# VISION STATEMENT

The Mequon Fire Department will prepare members to competently perform all duties of the job to serve the community. Each member will be well-trained in the most current practices of firefighting and emergency medical services as well as personal safety and health.

The Mequon Fire Department will provide consistent, reliable, and efficient emergency services to the community.

The Mequon Fire Department will serve the community by working as partners with businesses to provide fire code enforcement assistance and pre-planning to reduce the chance of loss of life and property.

Mequon Fire Department members will serve the community through education by sharing fire safety information, injury prevention messages and act as positive community role models.

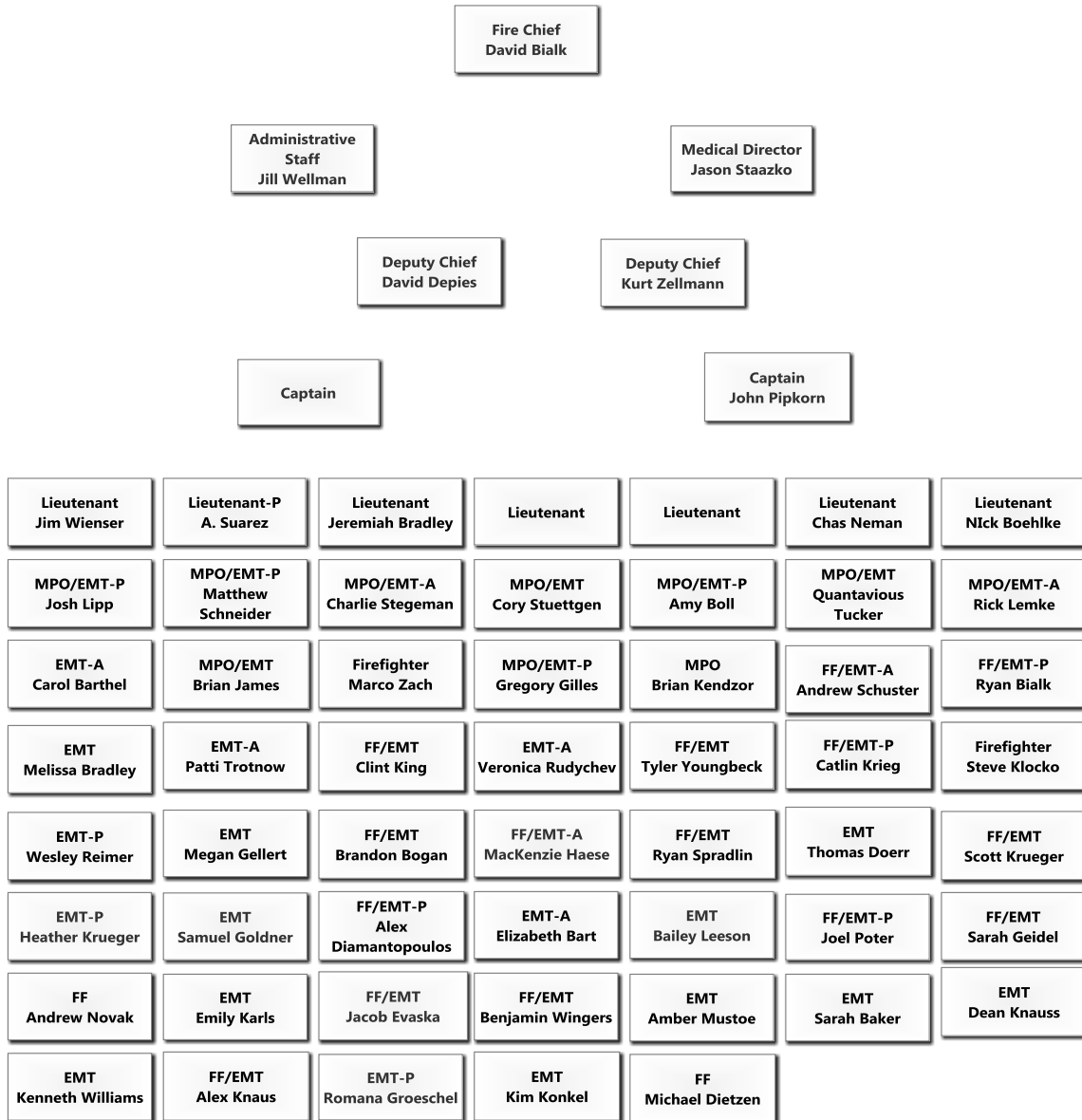
Each member of the Mequon Fire Department will pass on their training and experience to other members, thereby improving the ability and effectiveness of the department to serve the community.

Members of the Mequon Fire Department will treat membership on the department with honor and respect by appreciating that it is a privilege and not a right.

***Established 1933***

# ORGANIZATIONAL CHART

The Mequon Fire Department provides fire prevention, fire suppression and emergency medical services to an estimated 26,000 residents who reside within the 47 square miles of the City.



12/31/20

# CHIEF'S REPORT

## Operations

### January

- The Mequon Common Council agreed to a temporary MOU with the Mequon Fire and EMS Association to create incentive pay for members on call for weekend hours. The standby for weekends went from \$3.00/hour to \$7.00/hr. Weekends have historically been difficult to find members to cover hours.
- The fire department implemented its yearly training program to cover all State and Nationally mandated training. All in house emergency medical training meets the new National Continued Competency Program (NCCP). All fire training meets Wisconsin Safety and Professional Services 330 standards and the National Fire Protection Association recommendations.
- An audit was done of all EMS reports from 2019 to check for compliance with the State of Wisconsin required National Emergency Medical Services Information System III (NEMSIS III). Reports that were found to be non-compliant were amended and used as a platform for training going forward.

### February

- The Future of our Fire Department met to review staffing issues and the amount of on call hours members work.
- The Chief attended several virtual State of Wisconsin Department of Health meetings disseminating information on a virus that was causing counties to shutter and limit travel. The meetings focused on prevention and contact tracing.
- The fire department began stock piling personnel protective equipment and cleaning supplies.

### March

- The fire department reached its six-year anniversary of staffing one part-time paramedic around-the-clock to ensure 24/7 coverage of advanced life support calls. The department utilizes 15 members certified at the paramedic level to cover the 8,760 hours a year. To date, every paramedic shift has been filled and a paramedic has responded to every Advance Life Support EMS call.

## **Chief's Report (continued)**

- The fire department had a 12-person team that participated in the “Fight for Air Climb” at the US Bank Center building downtown. The members trained for months wearing full PPE including breathing apparatus and climbed the 43 flights of stairs.
- The Fire Chief attended the Wisconsin State Fire Chiefs Spring Education Conference in the Wisconsin Dells.
- On March 23<sup>rd</sup> the Governor issued the Safer at Home Order. In response the fire department suspended all in person training. Policy and procedures were drafted from best practices gathered from around the county and implemented with all personnel using virtual training.

## **April**

- When the Safer at Home Order was issued members of the Mequon fire department who were attending certification classes through the VOTEC system were forced to attend virtually without the hands-on portion of the training. Many of these students needed to attend a class later in the year to make up the practical parts of the instruction.
- The fire department recognized a 40% drop in responses to EMS calls. The department experienced the same reduction in call volume as much of the nation did during due to the shutting of States and Cities.
- The fire department already had a virtual platform for training through a third-party vendor and members were required to log in and document hours spent online training. Training continued one on one for members who were in their orientation period.
- The Future of Our Fire Department met virtually with the officers and members of the fire department to listen to their concerns about staffing the department and gather information for making recommendations.
- The fire department received its first shipment of personnel protective equipment from the Strategic National Reserve. The pallet of PPE included N95 masks, surgical masks for children, Tyvek suits, cleaning supplies and some hand sanitizer.

## **Chief's Report (continued)**

### **May**

- Deputy Chief Kurt Zellmann completed his first year with the department. The Deputy Chief oversees fire inspections and works with dispatch to improve the Emergency Medical Dispatch program.
- The of the Future of Our Fire Department met and began to compile the information learned through their meetings and come up with recommendations.

### **June**

- All Basic and Advanced Emergency Medical Technicians and Paramedics renewed their State EMT licenses.
- The Mequon Fire Department renewed its Paramedic license with the State of Wisconsin.

### **July**

- The fire department resumed up in person training for members. The trainings were capped at no more than five members in a group and were offered twice a day, five days a week and once on Saturday's to reach the largest number of members while keeping the group size small.
- The Chief participated in the first meeting with Wisconsin Public Policy Forum to discuss fire and EMS delivery in Ozaukee County. The PPF has experience in analyzing and suggesting efficiencies in multi-fire department operations.

### **August**

- Despite the pandemic the fire department continued to recruit, hire and train new members. Since January of 2020 the fire department had added 10 new members.



## **Chief's Report (continued)**

### **September**

- Six new candidates were selected as interns from students enrolled in the Fire Protection Technician Associate Degree program at MATC. Interns must maintain a 2.5 or greater GPA, pass the fire department agility test and pass both a background check and medical screening. The interns live in the fire station and respond to emergency calls just like the paid-on-call members and participate in community education, fire prevention, training and other assigned duties. The interns are paid a \$500 per month stipend for their participation. Training for the interns include, EMT, Firefighter Level II, Driver Operator Pumper and if they sign on for two years, paramedic training is paid for.
- The Future of Our Fire Department delivered its final report on staffing to the Mequon Common Council. The report detailed the staffing challenges facing Paid-on-Call fire departments and gave the Common Council four concepts of how structure the fire department in the future. The Council ultimately approved the hiring of three Battalion Chiefs to provide staffing, supervision and oversight of day to day operations.
- A fire department first responder vehicle was involved in an accident on North Port Washington Road. The member was driving non-emergent to station 2 when an inattentive driver pulled out in front of the first responder. Neither the department member nor the other driver was injured. The other driver was given a citation and the fire department vehicle was deemed a total loss. A new vehicle was ordered in September and taken delivery of in December. The new vehicle will not be put into service until early Spring due to the vendor installing the radios, lights and siren has a back log of 40 vehicles. When the pandemic struck, Ford Motor Company started making ventilators causing the shutdown of their SUV production line. When Ford resumed production, area police departments began taking delivery of their vehicles causing the back log.

### **October**

- Due to the increase numbers in positive Covid-19 cases throughout the State of Wisconsin and particularly Southeastern Wisconsin, the fire department suspended in person training.

## **Chief's Report (continued)**

- The fire department's administrative assistant completed three years of service with the fire department. The administrative assistant works 26 hours a week and processes payroll and invoices, collates call and training percentages, updates the website, maintains burning permits, enters fire inspection information in a record management system and maintains day-to-day operations of administration for the fire department.

## **November**

- The chief attended the annual meeting of the Ozaukee, Washington, Milwaukee, and Waukesha County Fire Chiefs to update all box alarm cards for their respective cities. A box alarm card is the template used to garner additional resources from other communities in the event of an emergency. Most departments design their box cards to request the closest units(municipalities)to the emergency. The box alarm cards are also designed to utilize resources from additional counties and across the state if needed.
  
- The paramedic program requires the fire department to maintain a stock of Schedule 1 (Class 1) Narcotics. Every year the narcotics are audited and inventoried. An audit was performed of the medications used for EMS and was found to be in compliance with all State and Federal regulations.

## Chief's Report (continued)

### Administration

- The fire department received its Fund Assistance Program (FAP) Application from the State of Wisconsin in January. Every year the fire department is eligible for FAP money from the State of Wisconsin. Funds are distributed to applicants based on a formula which includes a base sum plus a factor for run volume, service area, population and EMT roster size. In 2020, the fire department received \$7,428 of FAP money from the State of Wisconsin. The money may only be spent on EMT-Basic training and the purchase of EMS equipment.
- The fire department completed its third, full year of performing inter-facility transports. When St. Mary's hospital needs a patient transported to another hospital for specialty care, the fire department makes an ambulance crew available for transporting their patient. In addition to providing a service to the hospital, these transports generate additional revenue. The transports are only done when there are two paramedics available so the department can maintain one paramedic in the city for 911 calls. In 2020 there were 94 inter-facility transports performed. The estimated additional revenue from doing the transports is approximately \$51,000.
- In July, the fire department received its 2% dues disbursement from the State of Wisconsin totaling \$182,892. The department is eligible for the money by performing fire inspections of every public building twice a year, providing fire prevention education activities and doing fire training for its members.
  - The Fire Department Dues Fund is funded through fire insurance premiums paid in Wisconsin. The Insurance Commissioner's Office collects two-percent of the annual premiums for the Fire Department Dues Fund. Money in the fund is distributed to municipalities based on a formula of equalized assessed value.

#### **101.573 Fire dues distribution.**

No city, village or town maintaining a fire department under this section may use any dues received under s. 101.573 and this section for any purpose except the direct provision of the following:

1. The purchase of fire protection equipment.
2. Fire inspection and public education.
3. Training of fire fighters and fire inspectors performing duties under s. 101.14.
4. To fund wholly or partially fire fighters' pension funds or other special funds for the benefit of disabled or superannuated fire fighters.

## **Chief's Report (continued)**

- There were 519 burn permits issued in 2020 compared to 517 burn permits issued in 2019. Burn permits can be renewed via the internet.
- All fire department Standard Operating Guidelines were reviewed and updated.
- The fire department updated its website with the department goals and objectives and added local training material for members.
- In 2020 Mequon responded to 109 billable false fire alarms. Starting July 1, 2020, the City began waiving the first false fire alarm fee and now only charges for subsequent false alarms. Prior to July 1 there were 60 false alarm charges. Since July 1, there has only been eight qualifying, billable false alarms.

## **2020 Incidents**

1/1/20 – The fire department responded to W County Line Road to remove a 9-year-old who had his finger stuck in a paper shredder. The members used wooden wedges and a hammer to spread the machine apart, the child was unharmed.

1/9/20 – An early morning chimney fire caused minor damage to a home on Fleur De Lis. The fire was extinguished and caused damage to the chimney liner.

1/18/20 – Two people were extricated from a car involved in an accident at Granville and County Line. Two persons were transported to the hospital for their injuries.

2/26/20 – The fire department responded to a car fire in the parking lot of North Shore Cinema. The fire caused damage to two other vehicles.

2/20/20 – One person was extricated from a single vehicle accident on Highland and Cedarburg Road.

2/24/20 – A chimney fire caused extensive damage to the chimney chase at a home on Freistadt Road.

2/4/20 – The fire department rescued a cat off a roof on West Port Circle. The elderly homeowner was attempting to get the cat off his roof in negative six-degree temperature and was unable to lift his ladder. His wife called and asked for our assistance.

3/3/20 – A construction worker fell off a ladder from approximately two floors at the Fox Town development on Weston Drive. The worker was transported to the hospital for back injuries.

3/23/20 – A plastic rolling dumpster caught fire under the overhang at the Fox Town development.

4/16/20 – The fire department cleaned up about five gallons of oil in the roadway on Revere Road.

4/20/20 – A business on Commerce Street had an outlet burn up in the wall and cause minor damage.

4/25/20 – A chimney fire on Kenilworth Circle went to a Box Alarm and brought mutual aid crews to assist extinguishing the fire. The fire extended into the attic and extensive overhaul needed to be done.

6/6/20 – A women fell on the bluff at Virmond Park and needed to be rescued from about 15 feet below the edge of the bluff. A ladder was slide down the bluff and she was assisted up the bluff, the women was uninjured.

6/20/20 – The fire department stood by for a protest that started at Mequon and Port Washington to the Mequon Safety Building.

7/6/20 – A Child became stuck in a swing a River Barn Park. Laundry soap was used a lubricant and the child was lifted out of the swing.

8/6/20 – A person filling a chemical tank at Splash in the industrial park inadvertently added the chemical to the wrong tank. The mixing of the chemicals released chlorine gas into the building. Seven people were transported to area hospitals with breathing problems.

8/8/20 – The Mequon fire department assisted the Thiensville fire department in searching the Milwaukee River for a missing kayaker. The person was eventually found unharmed.

8/18/20 – The fire department responded for mutual aid to assist Germantown in what turned out to be a two-alarm grass fire north of Mequon Road and east of Pilgrim.

8/21/20 – A man on Hiawatha was struck by a falling tree he was cutting. The fire department assisted removing the tree from the victim, unfortunately the person was pronounced dead on the scene.

8/25/20 – A Mequon ladder truck with four personnel, along with nine other units from Ozaukee county, responded to Kenosha as part of a task force to assist the City of Kenosha three nights of civil unrest.

9/9/20 – Contractors working on a remodeling of a home on Juniper Court struck a buried power line under the concrete which in turn caused a short in the wall and started the building on fire. The fire was contained to one wall and part of the roof.

9/14/20 – Workmen cut through a wall with a saw and hit an electric line which started a fire in the wall of a home on Range Line Court. The fire was contained to wall behind be the electric box.

10/8/20 – The fire department responded to Thiensville to assist with a three-alarm fire at the Cheel restaurant on Cedarburg Road. The fire department spent about four hours on scene assisting Thiensville.

10/10/20 – The fire department extinguished a car fire in the 11200 block of I-43. The fire was fulling involved upon the arrival of the fire department.

10/30/20 – The fire responded to a report of a man stuck in a manhole on Shady Lane. Upon arrival the fire department found the homeowner stuck in his septic tank. The man had crawled into his septic tank and attempted to patch a leak. While crawling out he was unable to pull himself out of the tank without assistance. The members assisted the homeowner out and evaluated him.

11/30/20 – The department responded to a house filling with smoke coming from the basement of a home on Ridgeway. The owner stated earlier in the day he was working with oils and stains in the basement. Upon investigation the department found a plastic trash can in the basement burning with rags in it. The fire was extinguished and the home ventilated.

# **FIRE PREVENTION REPORT**

## **Public Outreach**

The Mequon Fire Department is mandated by State Statute Chapter SPS 314 (13)(b) 1. General. The chief of the fire department shall be responsible for having all public buildings and places of employment within the territory of the fire department inspected for the purpose of ascertaining and causing to be corrected any conditions liable to cause fire, or any violations of any law or ordinance relating to fire hazards or to the prevention of fires.

2. Determining the buildings that are to be inspected. The fire chief shall be responsible for determining those public buildings and places of employment that are to be inspected, for each municipality for which the fire department has responsibility.

3. Scheduling of inspections. Fire prevention inspections shall be conducted at least once in each non-overlapping 6-month period per calendar year, or more often if ordered by the fire chief, in all territory served by the fire department.

Creating a safe environment for people to live and work in is a goal of every fire department. Education is one way of improving safety. In Mequon, we can educate the community with programs unique to our city through the support of fire department fire inspectors, the business community, the school district and community groups.

Bi-annual fire inspections provide an opportunity to promote goodwill and education about the fire department's role with business owners and employees. This contact reaffirms their joint responsibility in regard to fire prevention. The inspection program also provides firefighters the opportunity to gain firsthand knowledge of building layouts and construction in the city.

Public education programs provide the department an opportunity to share fire safety education, injury prevention messages, and serve as positive community role models.

### **2020 Statistics**

Fire department personnel conducted 525 fire safety inspections in the field and wrote 180 violations. Fire inspections were temporally suspended due to the Governors Emergency Order 22. The total hours of fire inspections include activities such as property owner consultations, monitoring fire drills, issuing burning permits, installing Knox Boxes and sprinkler system inspections.

In 2020 Mequon's municipal code was amended to allow Mequon to self-certify completion of fire inspections and require a minimum of one fire inspection per year per inspectable occupancy.

The municipal code was also updated to amended to reflect the Local Fire Code Reduction enacted in WI Act 270 from 2013.

Due to the pandemic the amount of in person community outreach was limited. The fire department did participate in approximately four dozen “parades” for children’s birthday parties.

The fire department conducted CPR training for 102 people in 2021.



# TRAINING REPORT

The Mequon Fire Department trains its members through various means using the Vocational Technical College System (MATC), in-house and on-line education, conferences and a variety of seminars. In 2020, the year started like most with members enrolled in different training classes. When Covid hit, in person trainings were canceled and moved to online. Weekly training was replaced with virtual learning, small group and one on one training. Some members who were attending Spring classes had their classes canceled and had to make up their hours in the Fall.

- All members completed training on the mandatory Bloodborne Pathogens Policy. Other mandatory training included proper lifting, use of personal protective equipment, TB awareness and decontamination procedures for cancer prevention.
- The fire department conducted ice rescue training for all personnel in January.
- Dylan Neman completed Firefighter Level I certification.
- Michael Dietzen, and Alex Knaus completed Firefighter Level II.
- Ernesto Campos, Deonte Pettis and Andrew Novak completed Driver Operator Pumper training.
- Amy Boll, Charles Neman and Cory Stuetgen completed Fire Officer I certification.
- Heather Flores completed paramedic training.
- Cory Stuetgen completed Emergency Fire Service Instructor.
- The fire department technical rescue team conducted high-angle rescue training at the fire station and Virmond Park.
- All fire department members were recertified in advanced airway placement and defibrillation.
- David Schlageter, Sarah Baker, Ethan Natzke, Erika Christiansen all completed EMT Basic.
- The yearly training schedule is developed in January every year to ensure the most critical of both fire and EMS topics are covered for the year. Training is viewed by the fire department as the cornerstone to operating safely and efficiently. The schedule can be modified throughout the year to meet department needs.

## Training Report (continued)

- The fire department conducted in-house skills assessments called 911 Emergencies, High Risk/Low Frequency Events. Four times a year, emergency medical technicians and paramedics must demonstrate competencies for eight high-risk, low-frequency skills by completing proficiency stations. The 911 Emergencies model is a pass/fail assessment that all levels must pass to be eligible to work hours on the ambulance or first responder vehicle.
- A First Responder class was conducted for two individuals wanting to become first responders to EMS calls. There are two First Responder vehicles staffed 24/7 by one EMT on each side of the city. The First Responder has enormous responsibility being the first person on scene of an EMS call, often alone for several minutes until other personnel arrive. Members wishing to become First Responders are vetted through 20 hours of training and practice scenarios before being approved to become a first responder.

## Dive Team

The dive team cooperates with other departments in Ozaukee County to ensure there are an adequate number of personnel available in the event of an incident. The Mequon Fire Department dive team trains for three hours, monthly. Even during much of the shut down due to Covid-19, the team tried to stay up on their skills. In 2020, the dive team put in 207 hours of training along with members of the technical rescue team. There are currently five qualified divers and four support personnel. Training consists of pool sessions in the winter months focusing on basic scuba skills and in summer open water dives in the Milwaukee River and area quarries. The dive team continues to practice in the five environments they most likely will respond to:

1. Lake Michigan shore – practicing at the Harbor in Port Washington working with Port Washington divers.
2. Inland Lakes – training at Hammes Quarry, working on large area searches, navigation and dive scene command and setup.
3. Rivers – practicing on the Milwaukee River with shore drift patterns, evidence recovery patterns and boat handling.
4. Surface rescue – training at the MATC lagoon working on thin ice, victims on the surface and training fire department personnel with the ice rescue sled.
5. Ice rescue – practicing at the MATC lagoon diving under ice, working with a confined space environment and procedures for diver safety in risky environments.

## **Technical Rescue**

In 2020 the Mequon Tech Team trained in technical rescue, which includes high angle, trench rescue, and building collapse. In 2020, 177 hours was spent performing scenario-based exercises. Due to the very specialized training needed to safely perform technical rescue incidents, the team leaders worked with familiarizing all department members with the tools and techniques of the tech team. The Tech team trained all members to the awareness level of confined space.

# EQUIPMENT REPORT

One of the most important jobs of a fire department is to maintain emergency equipment in a state of readiness. Weekly vehicle checks are assigned to members on a rotating basis to ensure every vehicle is stocked and ready for an emergency response. Each member is responsible for checking equipment on their assigned vehicle weekly. Lieutenants are responsible for holding their assigned members accountable for vehicle checks.

## Current Fire Department Vehicle Fleet

| Unit | Year | Make                 | Type                               | Age |
|------|------|----------------------|------------------------------------|-----|
| 961  | 1996 | Pierce Quint         | 85' Aerial with 1500gpm Pump       | 25  |
| 967  | 1996 | Ford                 | 3500 Gallon Tender                 | 25  |
| 953  | 1998 | Ford/F350            | Rescue / Brush Truck               | 23  |
| 963  | 2005 | Pierce Kenworth      | Fire Engine 1500gpm Pumper         | 16  |
| 960  | 2006 | Pierce Ladder Tower  | 100' Platform with 1500gpm Pump    | 15  |
| 956  | 2009 | Chevy/Tahoe          | Staff car                          | 12  |
| 951  | 2009 | Ford/F350            | Ambulance                          | 12  |
| 962  | 2008 | Pierce Impel         | Fire Engine 1500gpm Pumper         | 13  |
| 966  | 2011 | Pierce International | 3500 Gallon Tender                 | 10  |
| 951  | 2014 | Ford/F450            | Ambulance                          | 7   |
| 964  | 2015 | Pierce Impel         | Fire Engine 1500gpm Pumper         | 6   |
| 955  | 2016 | Ford/F59 Van         | Special Operations Equipment Truck | 5   |
| 970  | 2016 | Chevy/Tahoe          | Chiefs Car                         | 5   |
| 950  | 2016 | Ford/F350            | Ambulance                          | 5   |
| 958  | 2015 | Jeep Grand Cherokee  | First Responder Vehicle            | 6   |
| 958A | 2015 | Jeep Grand Cherokee  | First Responder Vehicle            | 6   |
| 958  | 2017 | Jeep Grand Cherokee  | First Responder Vehicle            | 4   |
| 958A | 2017 | Jeep Grand Cherokee  | First Responder Vehicle            | 4   |

The National Fire Protection Administration has standards for the care and maintenance of fire equipment. The fire department is bound by the State law *Chapter SPS 330 Safety and Professional Services, Fire Department Safety and Health Standards* to perform annual certification test of equipment. Many of the same testing is required by the Insurance Service Organization to maintain our current ISO fire rating.

## **Equipment Report (continued)**

- Three mechanical CPR devices were put into service in early 2020. The machines are very valuable in reducing the potential for exposure of personnel to Covid during CPR.
- Two electric cutoff saws were purchased to replace older gas saws. The advantage is the electric saw is not difficult to start and easy to recharge.
- A replacement First Responder vehicle was purchased to replace one that was totaled out in an accident on Port Washington Road in August. A member driving from their home to station two had a vehicle pullout in front of them causing major damage to the vehicle, our member was uninjured. The vehicle that was damaged was due to be replaced in 2021.
- The fire department sold a 35-year-old pickup truck using an online auction site for \$11,500. The proceeds from the sale of the old truck were used to fund little more than a third of a new 2021 pickup truck.
- Each of the three ambulances has a power assisted patient stretcher. The power assisted stretchers had preventive maintenance performed by a certified representative of the manufacturer.
- Both department aerial ladder devices were tested and passed the yearly service certification test by Underwriters Laboratory.
- All five heavy pieces of fire department apparatus with fire pumps were tested and found to be within specifications and certified by Underwriters Laboratory.
- All department defibrillator and cardiac monitors were checked and calibrated.
- All departments CO monitoring equipment was checked and calibrated.
- All department ground ladders were tested and certified in 2020.
- The fire department has approximately three-and-a-half miles of fire hose that was service tested in 2020. Hose that fails the yearly service test is replaced or repaired.
- The department passed its SCBA breathing air quality testing. Testing is done once per quarter at a third-party testing facility. A test kit is mailed to the fire department; samples are taken of the air and sent back to the lab for testing.
- All members had a qualitative fit test performed with their face-piece for the self-contained breathing apparatus.

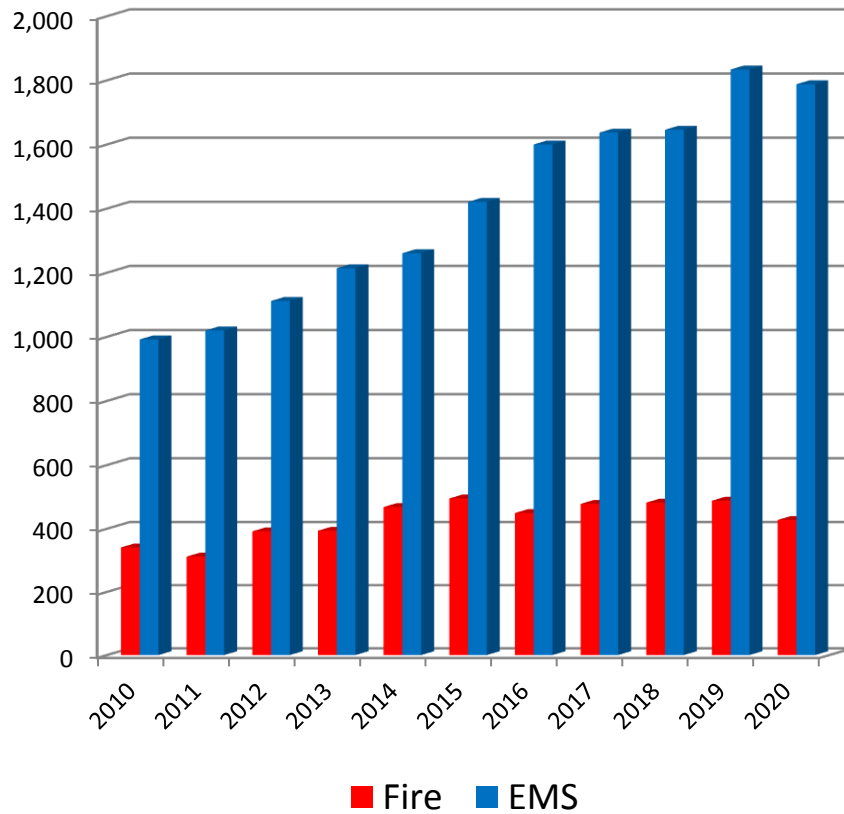
## STATION IMPROVEMENTS

One of the keys to a successful paid-on-call department is having a place where members can spend time working out, studying, having access to the internet, watching TV, sleeping and preparing food. Giving personnel an inviting station is a way to decrease response time to fire and EMS calls because it is more likely there will be personnel in the building when a call comes in. Having members spend some of their free time in the stations provides, at times, full-time staffing. Improving the fire stations not only creates an inviting place for members but creates a sense of pride and ownership of the department.

### **Improvements in 2020:**

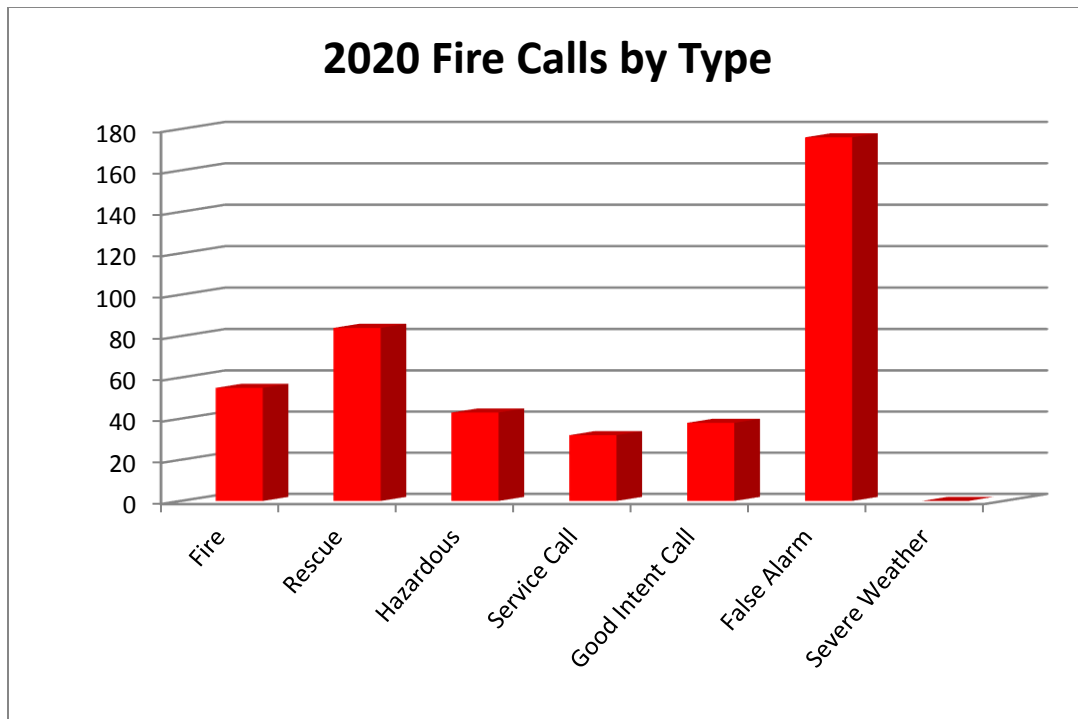
- Capital money was set aside in the 2020 budget to remodel the lower bathroom at station 2. At the end of 2020 final plans were still being drawn for the remodel.
- Remodeling of the women's locker room/bathroom at station 1 began in 2020 and will finish in January 2021 with installation of carpet.
- All the overhead door seals were replaced at station 1 to prevent weather and small animals from getting into the building.

## Fire and EMS Calls 10 Year Comparison



| Year | Fire | EMS   | *Total |
|------|------|-------|--------|
| 2010 | 341  | 992   | 1,333  |
| 2011 | 312  | 1,020 | 1,332  |
| 2012 | 392  | 1,112 | 1,504  |
| 2013 | 394  | 1,214 | 1,608  |
| 2014 | 469  | 1,261 | 1,730  |
| 2015 | 496  | 1,421 | 1,917  |
| 2016 | 450  | 1,600 | 2,050  |
| 2017 | 479  | 1,637 | 2,116  |
| 2018 | 483  | 1,646 | 2,129  |
| 2019 | 489  | 1,834 | 2,323  |
| 2020 | 428  | 1,788 | 2,216  |

\* Does not reflect interfacility transports



### Types of Fire Calls

**Fire** = includes structures, vehicles, dumpsters and grass or brush fires.

**Rescue** = motor vehicle accident with extrication, rescue or EMS standby, search and rescue on land and water or ice rescue.

**Hazardous Condition** = flammable liquid spill, gas leak, chemical spill, overheated equipment, power line down and arcing electrical equipment.

**Service Call** = water problem, smoke or odor removal, cover assignment for another fire department.

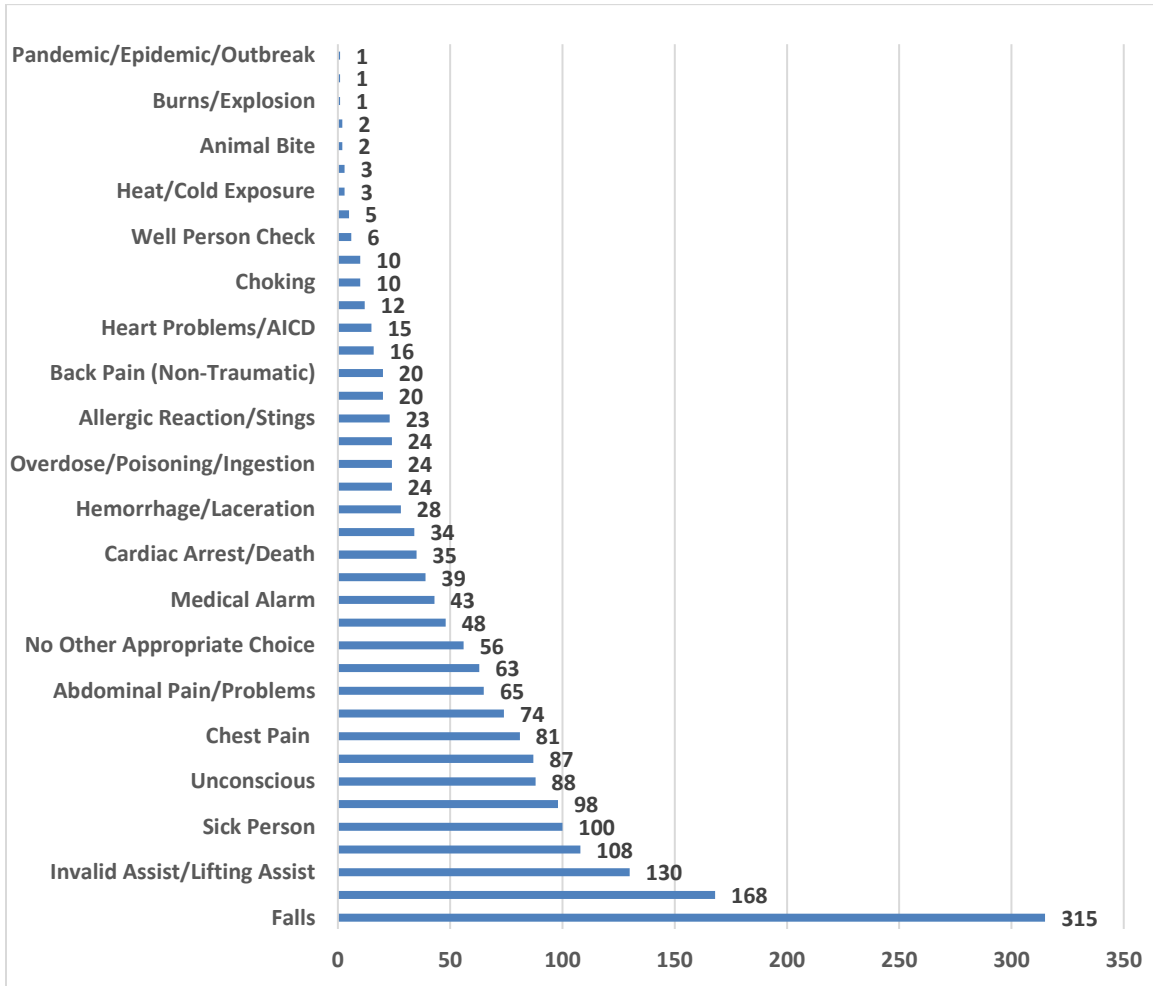
**Good Intent Call** = dispatched to an alarm and canceled en route.

**False Alarm** = false fire alarm or carbon monoxide alarm due to system malfunction or unintentional transmittal.

**Severe Weather** = lightning strike or storm-related

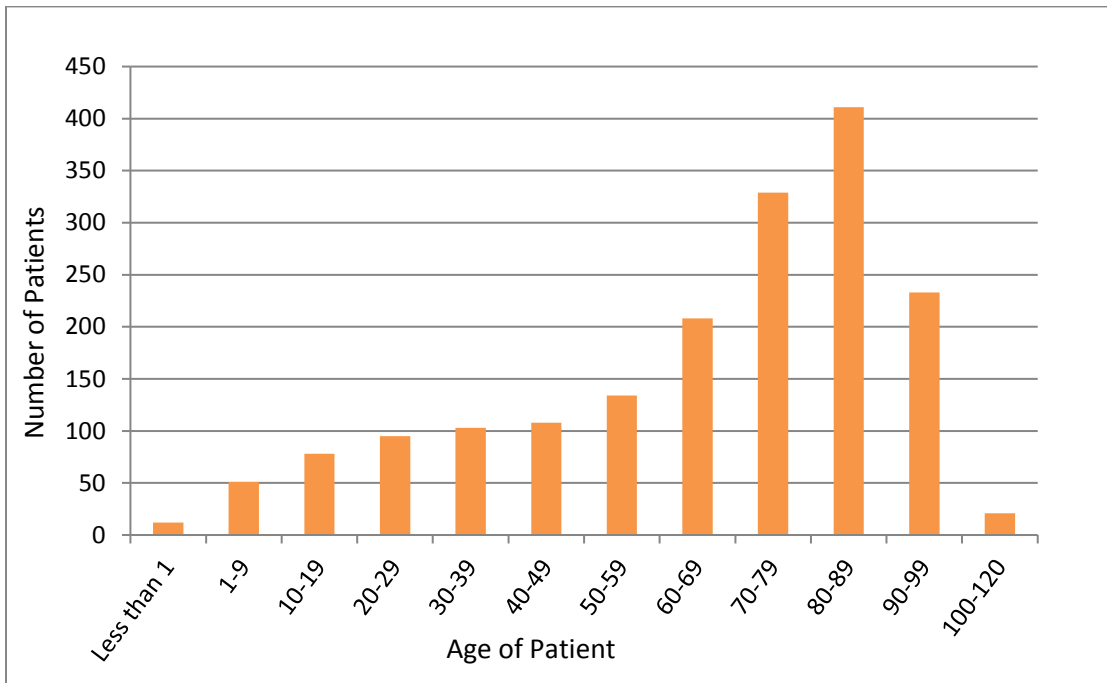


## 2020 EMS Calls by Dispatch Reason



|                                                              |              |               |
|--------------------------------------------------------------|--------------|---------------|
| <b>Pt Treated, Transported</b>                               | <b>1,156</b> | <b>61.42%</b> |
| <b>Pt Refused Eval/Care (w/o Trans)</b>                      | <b>242</b>   | <b>12.86%</b> |
| <b>Pt Treated, Released (per protocol)</b>                   | <b>216</b>   | <b>11.48%</b> |
| <b>Pt Treated, Released (AMA)</b>                            | <b>113</b>   | <b>6.00%</b>  |
| <b>Canceled (Prior to Arrival At Scene)</b>                  | <b>42</b>    | <b>2.23%</b>  |
| <b>Canceled on Scene (No Pt Contact)</b>                     | <b>42</b>    | <b>2.23%</b>  |
| <b>Canceled on Scene (No Pt Found)</b>                       | <b>28</b>    | <b>1.49%</b>  |
| <b>Pt Dead at Scene-No Resuscitation Attempt (w/o Trans)</b> | <b>21</b>    | <b>1.12%</b>  |
| <b>Pt Dead at Scene-Resuscitation Attempted (w/o Trans)</b>  | <b>16</b>    | <b>0.85%</b>  |
| <b>Pt Treated, Transferred Care to Another EMS Unit</b>      | <b>3</b>     | <b>0.16%</b>  |
| <b>Standby-Support Provided</b>                              | <b>2</b>     | <b>0.11%</b>  |
| <b>Pt Treated, Transported by Law Enforcement</b>            | <b>1</b>     | <b>0.05%</b>  |

## 2020 Age of Patients



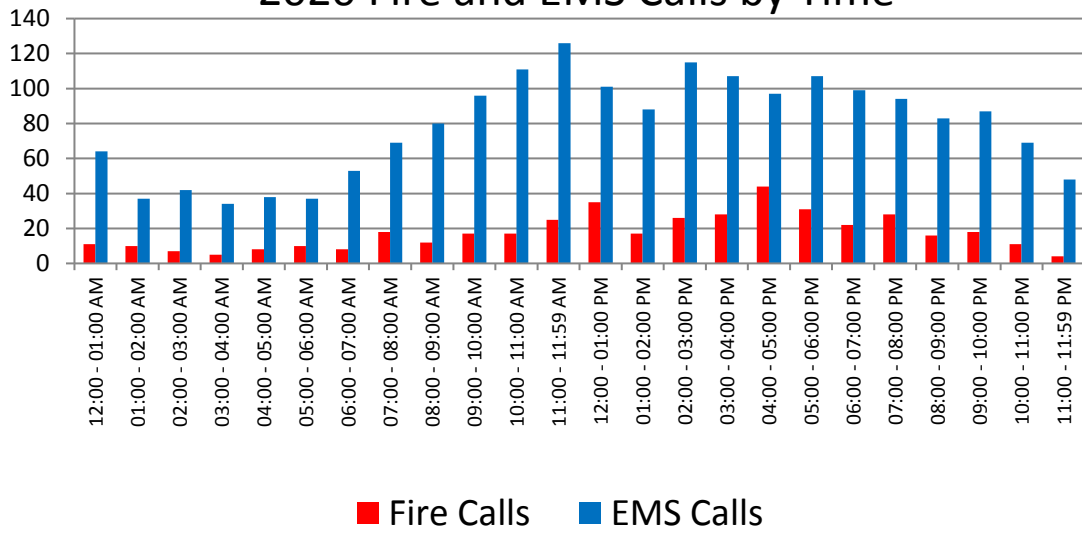
## HOSPITAL DESTINATIONS FOR 911 CALLS 2020

| <b>Hospital Destinations</b>         |              |
|--------------------------------------|--------------|
| <b>Columbia St Mary's Ozaukee</b>    | <b>736</b>   |
| <b>No Transport /Other</b>           | <b>656</b>   |
| <b>Aurora Medical Center Grafton</b> | <b>210</b>   |
| <b>Children's Hospital</b>           | <b>51</b>    |
| <b>Froedtert Memorial Hospital</b>   | <b>42</b>    |
| <b>Community Memorial Hospital</b>   | <b>16</b>    |
| <b>St Mary's Milwaukee</b>           | <b>65</b>    |
| <b>St Joseph's Milwaukee</b>         | <b>2</b>     |
| <b>St Luke's Medical Center</b>      | <b>5</b>     |
| <b>Aurora Sinai Medical Center</b>   | <b>1</b>     |
| <b>VA Medical Center</b>             | <b>4</b>     |
| <b>Total</b>                         | <b>1,867</b> |

## HOSPITAL DESTINATIONS FOR INTER-FACILITY TRANSPORTS 2020

| <b>Hospital Destinations</b>        |           |
|-------------------------------------|-----------|
| <b>Columbia St Mary's Milwaukee</b> | <b>62</b> |
| <b>Froedtert Memorial Hospital</b>  | <b>17</b> |
| <b>Children's Hospital</b>          | <b>14</b> |
| <b>Winnebago Mental Health</b>      | <b>1</b>  |
| <b>Total</b>                        | <b>94</b> |

## 2020 Fire and EMS Calls by Time



| Time             | Fire Calls | EMS Calls |
|------------------|------------|-----------|
| 12:00 - 01:00 AM | 11         | 64        |
| 01:00 - 02:00 AM | 10         | 37        |
| 02:00 - 03:00 AM | 7          | 42        |
| 03:00 - 04:00 AM | 5          | 34        |
| 04:00 - 05:00 AM | 8          | 38        |
| 05:00 - 06:00 AM | 10         | 37        |
| 06:00 - 07:00 AM | 8          | 53        |
| 07:00 - 08:00 AM | 18         | 69        |
| 08:00 - 09:00 AM | 12         | 80        |
| 09:00 - 10:00 AM | 17         | 96        |
| 10:00 - 11:00 AM | 17         | 111       |
| 11:00 - 11:59 AM | 25         | 126       |
| 12:00 - 01:00 PM | 35         | 101       |
| 01:00 - 02:00 PM | 17         | 88        |
| 02:00 - 03:00 PM | 26         | 115       |
| 03:00 - 04:00 PM | 28         | 107       |
| 04:00 - 05:00 PM | 44         | 97        |
| 05:00 - 06:00 PM | 31         | 107       |
| 06:00 - 07:00 PM | 22         | 99        |
| 07:00 - 08:00 PM | 28         | 94        |
| 08:00 - 09:00 PM | 16         | 83        |
| 09:00 - 10:00 PM | 18         | 87        |
| 10:00 - 11:00 PM | 11         | 69        |
| 11:00 - 11:59 PM | 4          | 48        |

# Response Times to Fire and EMS Calls

**Average Response to Fire Calls - 12:13**  
**Average Response for First Responder to EMS Calls - 4:20**  
**Average Response for Paramedic Ambulance to EMS Calls - 8:52**

There are national standards for response times to fire and EMS calls however, since Mequon is a Volunteer/Paid-on-Call fire department the standards for response times are more vague.

The National Fire Prevention Association treats volunteer and career departments differently when it comes to response time standards. Departments that are substantially career fall under **NFPA 1710** and departments that are substantially Volunteer/Paid-on-Call fall under **NFPA 1720**.

Benchmarks in **NFPA 1710** for career fire departments are as follows:

- *Response to Fire Calls* **8:00 minutes** 90% of the time
- *Response for a First Responder to EMS Calls* **4:00 minutes** 90% of the time
- *Response time for a Paramedic Ambulance to EMS calls* **8:00 minutes** 90% of the time

Benchmarks in **NFPA 1720** for Volunteer/Paid-on-Call fire departments are as follows:

- *Response to Fire Calls:* Once the fire department has assembled the necessary resources at the emergency scene, the fire department shall have the capability to safely initiate an initial attack within 2 minutes 90% of the time.
- *Response for a First Responder to EMS Calls:* **No standard in NFPA 1720**
- *Response time for a Paramedic Ambulance to EMS calls:* **No standard in NFPA 1720**

**The Mequon Fire Department will continue to strive for the NFPA 1710 benchmarks providing the best possible service using its available resources.**

# Mequon Fire Department - Years of Service Roster

## **Fire Chief**

David Bialk (14)\*

## **Deputy Chiefs**

David Depies (36)\* Kurt Zellmann (1) (P)

## **Captain**

John Pipkorn (34) (P)

## **Lieutenants**

Charles Neman, Jr. (31)\*

Nicholas Boehlke (17)\*

Jeremiah Bradley (11)\*

## **Motor Pump Operators**

Charles Stegeman (20)\*

Cory Stuetgen (19)\*

Ryan Bialk (13) (P)

Josh Lipp (11) (P)

Quantavious Tucker (10)\*

Amy Boll (9) (P)

Brian Kendzor (9)

Gregory Gilles (7) (P)

Brian James (7)\*

Matthew Schneider (7) (P)

Rick Lemke (5)\*

Andrew Novak (1)

Ernesto Campos (H)\*

Deonte Pettis(H)\*

## **Emergency Medical Technicians**

Carol Barthel (39)\*

Melissa Bradley (7)\*

Megan Gellert (7)\*

Wesley Reimer (7) (P)

Elizabeth Bart (6)\*

Heather Krueger (4)\*

Bailey Leeson (4)\*

Caitlin Krieg (3)\*

Dean Knauss (2)\*

Alex Knaus (2)\*

Kim Konkell (1)\*

Emily Karls (1)\*

Sarah Baker (1)\*

Amber Mustoe (1)\*

Erika Christiansen (H)

Ethan Natzke (H)

Laura Cecil (H)

Lauren Wolfrath (H)

Ryan Buyeske (H)

Abbey Walter (H)

## **Firefighters**

Steve Klocko (28)

Marco Zach (16)

Tyler Youngbeck (8)\*

Clint King (7)\*

A. Diamantopoulos (6) (P)

Scott Krueger (5)\*

Brandon Bogan (4)\*

Ryan Spradlin (4) (P)

Mackenzie Haese (4) (P)

Benjamin Wingers (3)\*

Samuel Goldner (2)\*

Jacob Evaska (2)\*

Jon Wood (1)

Humberto Hernandez (1)\*

Robert Bell (1) (P)

Jameson Czarnecki (1)

Michael Dietzen (1)

Craig Rebello (1)

Moises Reyes (H) \*

David Schlageter (H)

Dylan Neman (H)

Steve Plautz (H)

Bryan Rech (H)

Nicholas Salerno (H)\*

Antonio Salerno (H)\*

Eric Baugher (H)

## **Interns**

Heather Flores

Haylee Hubacz

Daniel Santiago

Charles Zalensky

Derek Ryan

Caden Mallas

## **Retired/Resignations**

James Wienser (30)\*

Andrew Schuster (7)\*

A. Suarez Del Real (17) (P)

Veronica Rudychev (5)\*

Patricia Trotnow (33)\*

Thomas Doerr Jr. (1)\*

Kenneth Williams (1)

Romana Groeschel (1)

Sarah Geidel (13)\*

M. Eggebrecht (10) (P)

**EMT Certified \***

**Paramedic (P)**

**Hired in 2020 (H)**



# WORKOUT FOR A PURPOSE

Volunteers Needed!

Everyone is needed: men and women, EMTs and Firefighters

Everyone is needed: men and women, EMTs and Firefighters



11300 N BUNTROCK AVE, MEQUON WI • (262) 242-2530

