



Mequon Fire Department
2018 Annual Report



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OFFICE OF THE FIRE CHIEF

January 1, 2019

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

In 2018 the Mequon Fire Department responded to 2,245 fire and emergency medical calls, which is 66 more requests for service than a year ago and 637 more than five years ago. This report highlights the many emergency and non-emergency activities of the Mequon Fire Department in 2018.

Three noteworthy accomplishments in 2018 are the creation of an Emergency Medical Dispatch review committee which brought together Mequon tele-communicators, Mequon Fire, St Mary's Hospital and Mequon's medical director to review EMD calls, the hiring of six interns and the completion of two years of performing inter-facility transports.

Moving forward into 2019, 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

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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.

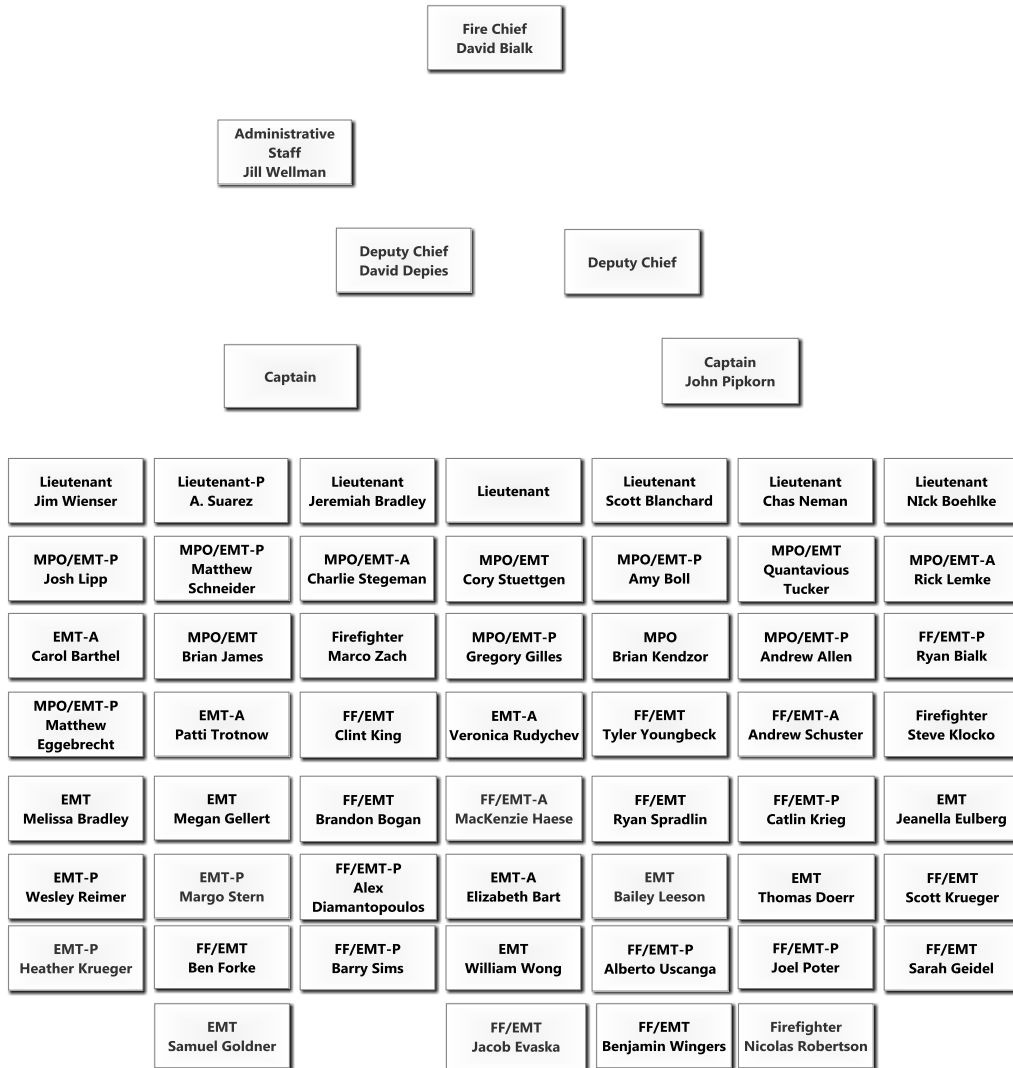
Members of the Mequon Fire Department will treat membership on the department with honor and respect by appreciating that it is a privilege and not a right.

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.

Mequon Fire Department Organization Chart



12/31/18

CHIEF'S REPORT

Operations

January

- ◆ The Public Safety Committee approved the hiring of a full-time Deputy Fire Chief in charge of inspections.
- The fire department completed its revalidation with Medicare to allow for continued billing of Medicare patient transports.
- The City and the Mequon Fire and EMS Association agreed on a three year contract.
- An audit was done of all EMS reports from 2017 to check for compliance with the State of Wisconsin required National Emergency Medical Services Information System III (NEMSIS III). All reports were found to be in compliance.

February

- ◆ The Mequon Common Council approved the hiring of fulltime Deputy Fire Chief in charge of inspections.
- A second video laryngoscope was purchased with money donated by the Mequon Community Foundation.

March

- ◆ The Fire Chief presented the Mequon Police and Fire Commission with a job description for the Deputy Fire Chief at the March meeting and the Commission voted unanimously to table the process of hiring a Deputy Fire until June of 2018.
- The fire department reached its four-year anniversary of staffing one part-time paramedic around-the-clock to ensure 24/7 coverage of advanced life support calls. The department utilizes 13 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. Out of the current 13 paramedics who work for Mequon, 10 of them completed their schooling and licensing out of their own pocket at a cost of about \$5,000
- The Fire Chief attended the Wisconsin State Fire Chiefs Spring Education Conference in the Wisconsin Dells.

Chief's Report (continued)

April

- Six new candidates were selected as interns from students enrolled in the Fire Protection Technician Associate Degree program at MATC. Interns must be State of Wisconsin Certified Firefighter Level I, 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 involvement.

May

- ◆ The Mequon Police and Fire voted unanimously to table the hiring process of a Deputy Fire Chief until January of 2019.
- 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.

June

- Station 2 (11800 N Port Washington Road) suffered major water damage to the sleeping area from heavy rains. Drywall and insulation was removed and replaced. The DPW regraded the outside of the firehouse, added two new drains and poured a new sidewalk that pitches away from the building.

July

- The fire department participated in the Fourth of July Observance at Trinity Lutheran Church-Freistadt.
- Chief Bialk conducted a dispatcher training session for all Mequon telecommunication employees. The dispatcher training was intended to create a better understanding of fire department operations and use feedback to enhance fire department operations. Several ideas exchanged at the training have been implemented.
 - Dispatchers now participate in a ride along program with the fire department on EMS calls.
 - An Emergency Medical Dispatch review committee was created to work with the Ozaukee County EMD steering committee to make improvements as needed to call processing.

Chief's Report (continued)

August

- New CPR manikins were purchased to comply with new American Heart Association standards. The new manikins have an Instrumented Directive Feedback Device (IDFD), which include indicator lights that provide feedback to the student on their CPR effectiveness.

September

- The fire department switched from Toughbook computers to iPads for electronic patient care records. The switch will save money over time. A new Toughbook is about \$3,500 and a new iPad at state pricing is about \$250.

October

- The fire department's administrative assistant completed one year 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 of the fire department.
- A temporary agreement between the Mequon Fire and EMS Association and the City was reached to increase the pay for performing fire inspections from the station work rate to the members rank rate. The increase was meant to incentivize conducting fire inspections until a full-time Deputy Fire Chief can be hired.
- The chief attended the annual meeting with the Ozaukee, Washington, Milwaukee, and Waukesha County Fire Chiefs to update all box alarm cards including the City of Mequon. A box alarm card is the template used to call for additional resources from other communities in the event of an emergency. Most departments design their box cards to request the closest units to the emergency. The box alarm cards are also designed to utilize resources from other counties and across the state if needed.
- A new inflatable boat was purchased to replace a 37 year old inflatable that had reached its end of life.
- 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)

- Five upgrades for our self-contained breathing apparatus were purchased. The new upgrades have a thermal imaging camera built into the electronics of the unit. Now a firefighter will have a TIC with them at all times giving a firefighter an advantage during search and rescue operations or performing overhaul.

December

- The fire department converted all EMT refresher training, traditionally held in-house, to the new National Continued Competency Program (NCCP). The NCCP streamlines the recertification process into three strategic categories of continuing education: National, Local, and Individual. The program is designed to encourage Nationally Certified EMS personnel to pursue life-long education while also providing state and local agencies freedom to customize education to meet local operational needs.
- Four spare self-contained breathing apparatus bottles were purchased to better facilitate training needs.

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 2018, the fire department received \$6,301 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 second 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 2018 there were 58 inter-facility transports performed. The estimated additional revenue from doing the transports is approximately \$35,000.
- In July, the fire department received its 2% dues disbursement from the State of Wisconsin totaling \$164,000. 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 537 burn permits issued in 2018 compared to 487 burn permits issued in 2017. Burn permits are now being sent via email saving \$160 in postage in 2018.
- A burn permit pamphlet was created with frequently asked questions for distribution to City Hall, the Police Department, and Fire Department.
- All fire department Standard Operating Guidelines were reviewed and updated.
- The fire department created a tracking system for open record requests.
- The fire department created its own website with specific local training material for members to access.

2018 Incidents

1/1/18 – New Year's Day the fire department responded to a basement fire at 11347 N Oriole Lane. A dehumidifier in the basement started on fire and spread to the structure causing extensive damage. This was the fourth fire in two years started by a dehumidifier in the City.

2/7/18 – A vehicle caught fire in the parking lot of a business at 11520 N Port Washington Road. The vehicle was a complete loss.

2/18/18 - One person was extricated from a car accident at Wauwatosa Road and Mequon Road.

2/26/18 – The fire department assisted some residents out of their home along the Milwaukee River due to flooding.

3/9/18 – One person was extricated from a car in the 13100 block of Port Washington Road in front of St Mary's Hospital. The person was transported to Froedtert Hospital due to the nature of his injuries.

3/24/18 – The fire department extinguished a grass fire at 10631 N Wauwatosa Road after a burn pile grew out of control.

4/10/18 – The fire department responded to a house fire at 3906 W Sherbrook Drive. A prefabricated fire place malfunction was the cause of the fire that spread up the chimney chase to the attic and across the house.

4/29/18 – The fire department responded to a barn fire at 11627 W Highland Road. Some items were placed too close to a portable space heater. The fire was contained to the milk house and the barn was not damaged.

4/30/18 – A strong wind caused a backyard fire pit to start a grass fire at 2601 Lake Park Court.

5/30/18 – A pedestrian was struck at Port Washington Road and Highland Road, the person was transported to St Mary's for their injuries.

6/1/18 – The fire department responded to a multiple vehicle accident in the 13600 Block of I-43. Three people were transported for their injuries.

6/7/18 – A vehicle caught fire in the 10300 block of Donges Bay Road. By the time the fire department arrived the car was a total loss.

6/11/18 – A landscaping truck rolled over at Mequon Road and Buntrock Road. One person had minor injuries. The diesel spill and mulch took about 2 hours to clean up off the road.

2018 Incidents(continued)

6/13/18 – A short circuit in a commercial refrigerator caused a kitchen fire at Sara Chudnow at 10995 N Market Street. The fire was contained by the sprinkler system. A few residents in the immediate area had to be evacuated due to the smoke in the area.

6/19/18 – A car in the parking lot of the movie theater on Port Washington Road caught fire. The fire was extinguished before any other vehicles were damaged.

6/26/18 – A ceiling light fixture malfunctioned and melted down onto a plastic pet carrier at the vet clinic on Port Washington Road. The fire was minor; however the smoke damage was extensive to the kennel area.

6/26/18 – One person was treated on scene at Steffen Middle school after cleaning personnel mixed cleaners in the bathroom. The gases given off caused one person respiratory issues and the building had to be ventilated.

7/1/18 – Mequon Fire Department sent an engine and a chief on an inter-divisional request to fight a fire in Racine County. The request came through the Mutual Aid Box Alarm System; Mequon spent 12 hours from 6pm to 6am fighting the fire at a recycling plant.

7/26/18 – The fire department responded to a car accident on I-43, two people were transported to the hospital.

7/30/18 – One person had to be extricated from a vehicle in the 5800 block of Donges Bay Road, the vehicle struck a DPW truck and rolled onto its side.

8/13/18 – The fire department responded to a fatal motorcycle accident on I-43.

8/26/18 – The fire department responded to a lighting strike at 114 E Trillium Road. The lighting created a hole in the roof and a minor fire to the surrounding roof boards.

9/6/18 - A vehicle caught fire in the 2700 block of Mequon Road.

9/17/18 – A semi truck's fuel tank ruptured in the parking lot of a warehouse at 5500 West Donges Bay Road. The fuel spill was contained and the Ozaukee County Hazardous Material team was called to assist with clean up.

9/15/18 – One person had to be extricated from a one car roll over in the 3900 block of Freistadt Road.

10/2/18 – The fire department extinguished a dumpster fire at 11127 N Industrial Drive.

2018 Incidents(continued)

11/26/18 – An electrical problem caused an attic fire at 11345 N Solar Ave. The homeowner woke up to the smell of smoke and noticed blackening around his bathroom fan. When the fire department arrived the fire had spread from the bathroom area across the attic.

12/17/18 – The fire department requested a MABAS box alarm for a barn fire at 10106 W Hawthorn Road. A large burning pile and strong winds caused the barn to catch fire. The fire was contained to a small portion of the roof.

1/1/18 – 12/31/18 The Mequon Fire Department administered the drug Narcan 14 times in 2018. Narcan is given to patients to reverse the effects of an opioid overdose.

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.

2018 Statistics

Department personnel conducted 1,671 fire safety inspections in the field. 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. As a result of these inspections, 432 written requests for compliance were issued.

In 2018, the fire department spent 160 hours conducting fire safety talks and tours of the fire department for the community. In 2018 about 300 adults and children had direct interaction with the fire department and fire prevention activities.

Fire Prevention Report (continued)

The greatest interaction with the community was during our annual open house held on October 6th at the fire station located at 11300 N. Buntrock Avenue. The yearly open house was not as well attended as in the past. With the development around the fire station, Flight for Life was unable to attend and historically the helicopter is a big draw. The open house includes fire prevention and safety talks, apparatus demonstrations and fire safety activity books and items provided to the children.

The fire department did ambulance stand-bys at all Homestead High School football games, all Concordia University football games and wrestling matches, the Taste of Mequon, and the Milwaukee Lakefront Marathon.

The fire department donated birthday parties at the fire house to community organizations as a fund raiser to; Mequon/Thiensville Tartan Bash, Lumen Christi's Shamrock Dinner, Wilson Elementary Fun Fair and a ride to and from school in a fire truck for the Mequon/Thiensville Chamber of Commerce Awards Dinner.

The fire department conducted CPR training for 271 people in 2018.

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 2018, the department delivered 3,550 hours of in-house training on Monday nights and Tuesday mornings.

- 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.
- Drew Schuster and Nick Roberts completed Firefighter Level I training.
- Jake Campbell, Katlin Krieg, Wesley Reimer, Alberto Uscanga, and Heather Krueger completed paramedic training.
- Ryan Spradlin, Drew Schuster, and Mackenzie Haese completed EMT-Advanced training.
- Rick Lemke completed Firefighter level II certification.
- The fire department technical rescue team conducted high-angle rescue training at the fire station.
- All fire department members were recertified in CPR, advanced airway and defibrillation.
- The yearly training schedule was developed in January 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.
- The fire department conducted four 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. 911 Emergencies is a pass/fail assessment that all levels must pass to be eligible to work hours on the ambulance or first responder vehicle.

Training Report (continued)

- The fire chief and the EMS training officer attended the Wisconsin EMS Association trade show in downtown Milwaukee.
- December the fire department hosted in cooperation with St Mary's Hospital an advanced life support training at the Mequon Nature Preserve. Three doctors spoke on a variety of subjects, including environmental emergencies, stroke care, and pediatric emergencies. The training was open to anyone, in all about 35 people attended.
- A First Responder class was conducted for four individuals wanting to become first responders to EMS calls. There are two first responder vehicles that are staffed 24/7 by one EMT on each. 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 monthly for three hours. In 2018, the dive team put in 202 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.

Training Report (continued)

Two divers attended a "Diver Survivability" class in Chicago offered by Dive Rescue International.

The dive team participated in joint ice dive training with other Ozaukee County dive teams in February.

The dive team was called 6 times in 2018:

- Two calls were to check on watercraft in the Milwaukee River to confirm they were unmanned.
- One call was for two individuals trapped in their home due to rising flood waters.
- One call was to Grafton to assist with several kayakers who underestimated the current in the flooded river.
- One call was for a boat that had run aground in a shallow bay of the Milwaukee River.
- One call was to assist with the search for two victims who had entered Lake Michigan at Harrington Beach State Park. One victim was found before the dive team arrived on scene. The dive team joined the search with the Port Washington and Cedarburg dive teams, but could not locate the second victim. He was eventually found in Door County.

Technical Rescue

In 2018 the Mequon Tech Team trained in technical rescue, which includes high angle, trench rescue, and building collapse. In 2018, 142 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 dropped from its training confined space rescue because of the vast number of hours required to maintain a certified team. The team chose to train 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
957	1986	GMC	4x4 Pick up	32
961	1996	Pierce Quint	85' Aerial with 1500gpm Pump	22
967	1996	Ford	3500 Gallon Tender	22
953	1998	Ford/F350	Rescue / Brush Truck	20
963	2005	Pierce Kenworth	Fire Engine 1500gpm Pumper	13
960	2006	Pierce Ladder Tower	100' Platform with 1500gpm Pump	12
962	2008	Pierce Imperial	Fire Engine 1500gpm Pumper	10
956	2009	Chevy/Tahoe	Staff car	9
951	2009	Ford/F350	Ambulance	9
966	2011	Pierce International	3500 Gallon Tender	7
951	2014	Ford/F450	Ambulance	4
964	2015	Pierce Impel	Fire Engine 1500gpm Pumper	3
955	2016	Ford/F59 Van	Special Operations Equipment Truck	2
970	2016	Chevy/Tahoe	Chiefs Car	2
950	2016	Ford/F350	Ambulance	2
958	2017	Jeep Grand Cherokee	First Responder Vehicle	1
958A	2017	Jeep Grand Cherokee	First Responder Vehicle	1

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)

- A new inflatable boat was purchased to replace a 37 year old inflatable that had reached its end of life.
- This is the first full year of using an electronic maintenance/repair request form and it was proven successful. The requests for maintenance/repair are emailed directly to the city maintenance garage and the mechanic can prioritize requests.
- 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 2018.
- The fire department has approximately three-and-a-half miles of fire hose that was service tested in 2018. Hose that fails the yearly service test is replaced or repaired.
- The two sets of fire department hydraulic rescue tools were tested and a factory-trained technician performed required maintenance.
- 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.

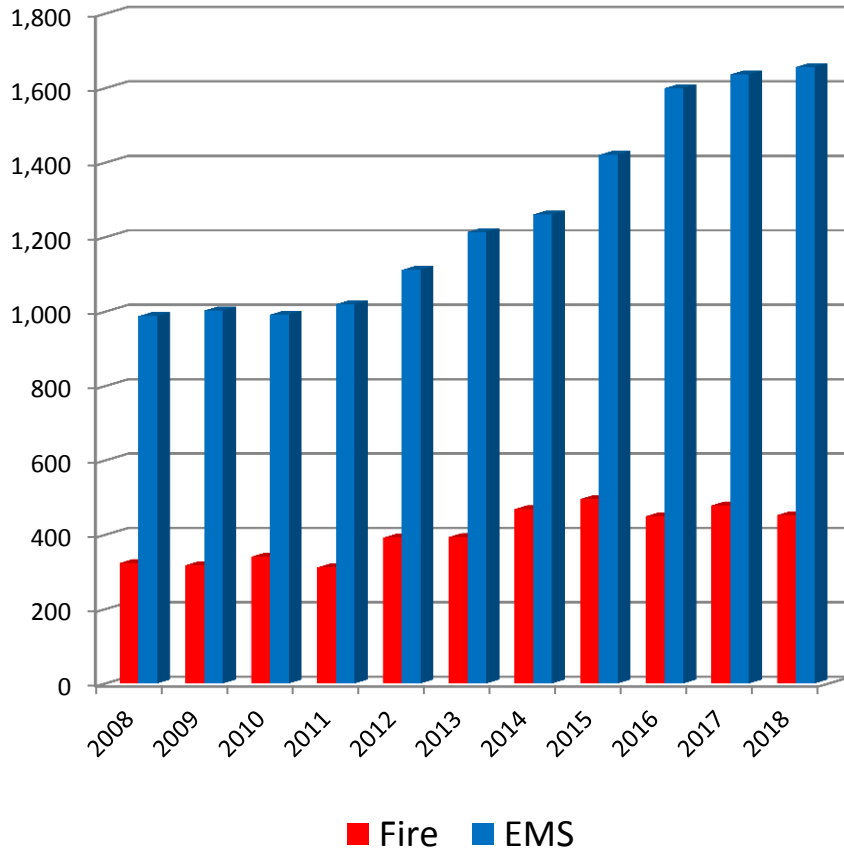
STATION IMPROVEMENTS

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.

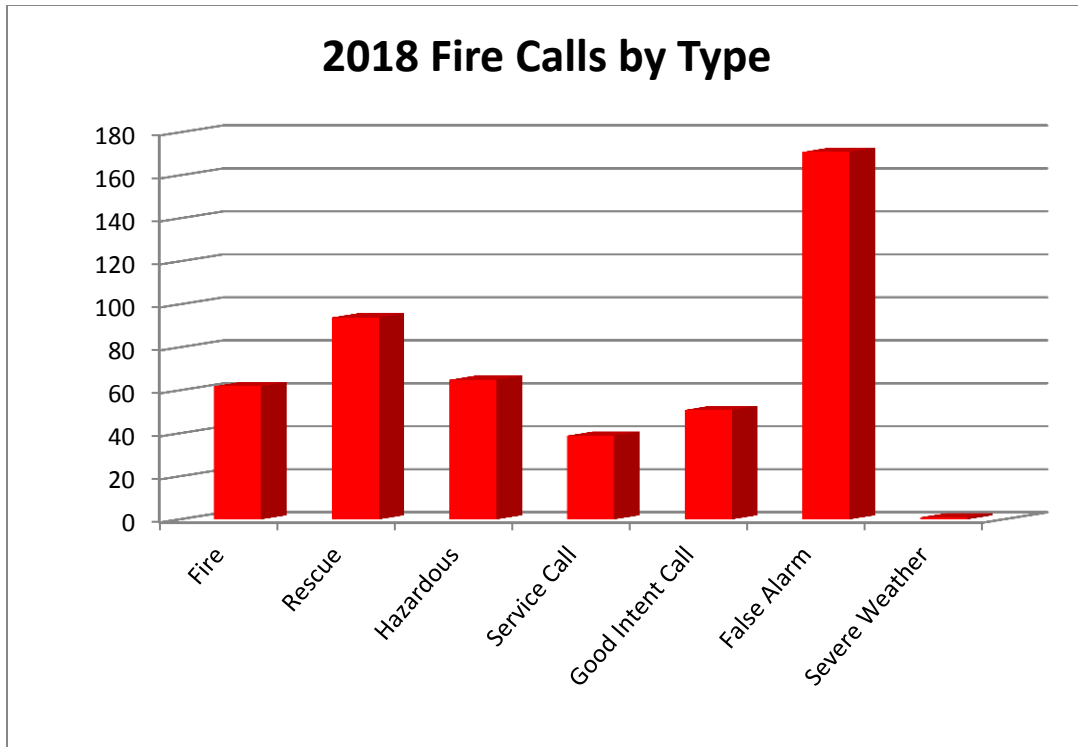
Improvements in 2018:

- The remodeling project of the dormitories at station 1 and 2, which started in 2017, was completed in 2018. The money use was set aside in the 2017 budget. As part of the project ceiling tiles were replaced at both stations.
- Two new mattresses were purchased for the fire stations.
- A second floor closet at station 1 was cleaned out and made into one large storage area for spare personal protective equipment.

911 Fire and EMS Calls 10 Year Comparison



Year	Fire	EMS	Total
2008	324	988	1,312
2009	318	1,003	1,321
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	1,704	2,187



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.

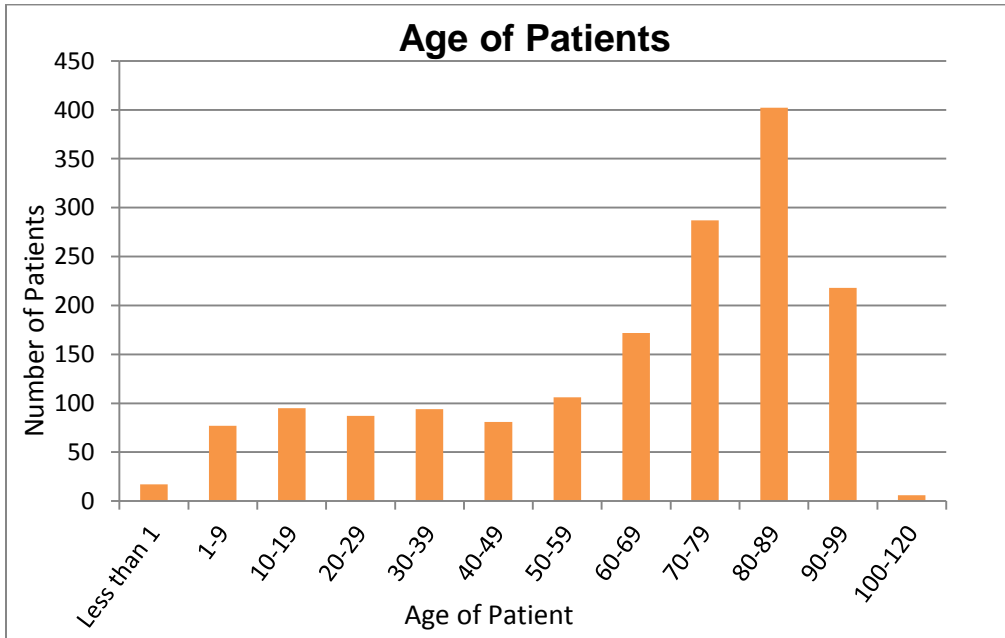
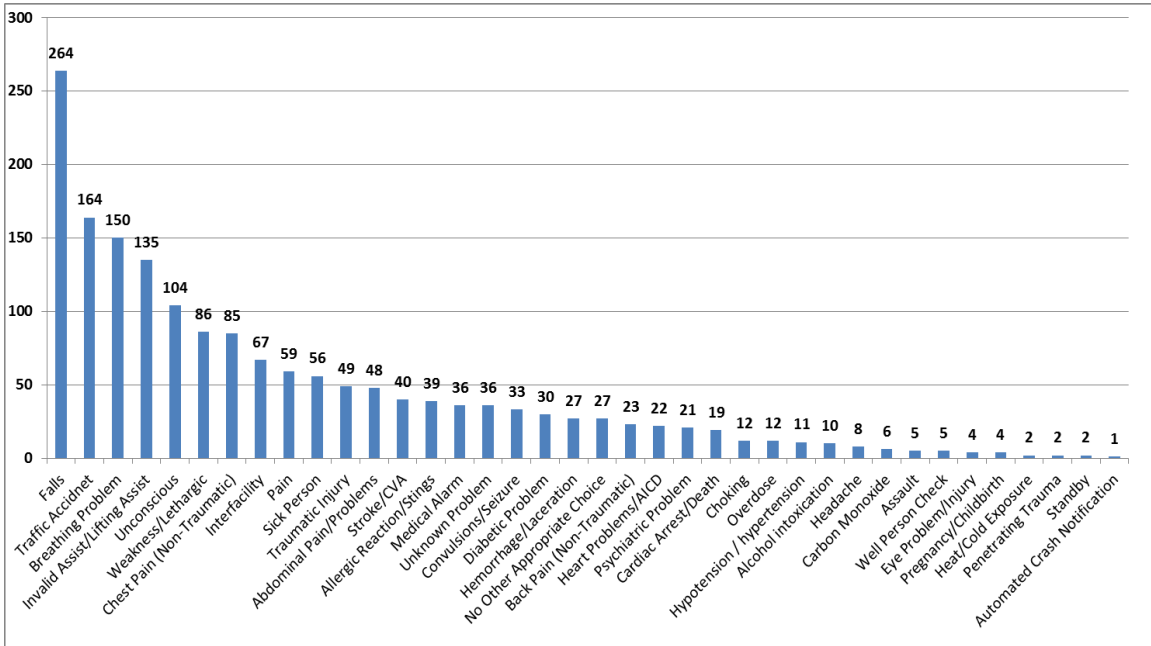
Service Call = water problem, smoke or odor removal, cover assignment for another fire department.

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

2018 EMS Calls by Dispatch Reason

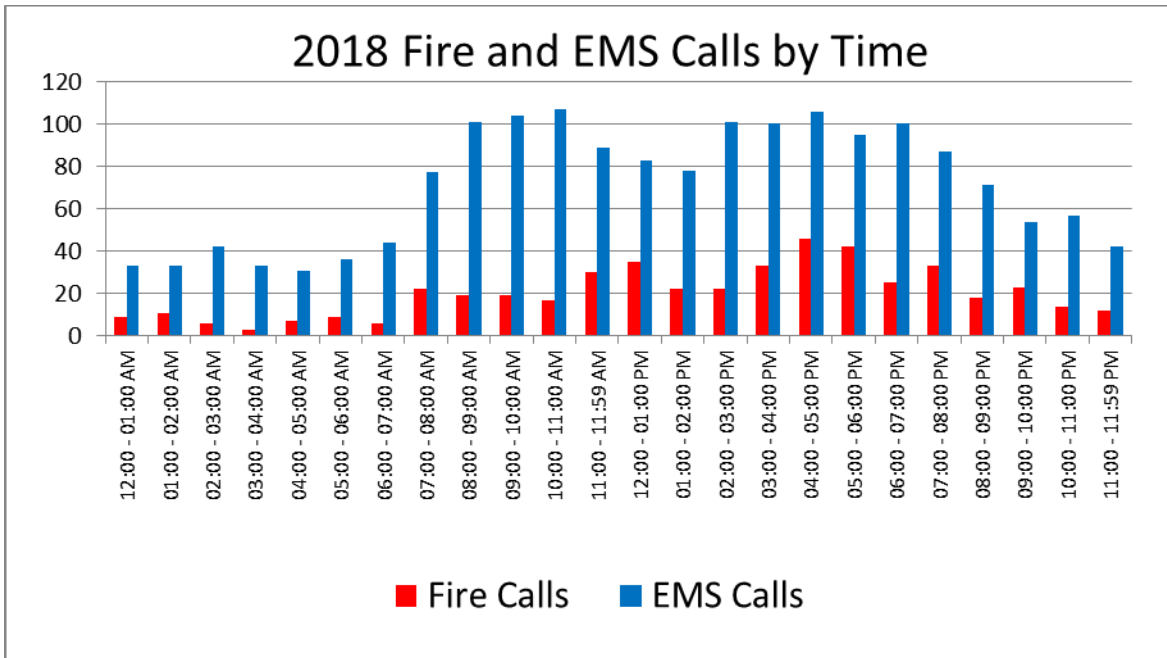


HOSPITAL DESTINATIONS FOR 911 CALLS 2018

Hospital Destinations	
Columbia St Mary's Ozaukee	798
No Transport /Other	555
Aurora Medical Center Grafton	213
Children's Hospital	58
Froedtert Memorial Hospital	47
Community Memorial Hospital	18
St Luke's Medical Center	5
St Mary's Milwaukee	4
VA Medical Center	4
St Joseph's Milwaukee	1
Aurora Sinai Medical Center	1
Total	1,704

HOSPITAL DESTINATIONS FOR INTER-FACILITY TRANSPORTS 2018

Hospital Destinations	
Columbia St Mary's Milwaukee	31
Froedtert Memorial Hospital	14
Children's Hospital	12
Winnebago Mental Health	1
Total	58



Time	Fire Calls	EMS Calls
12:00 - 01:00 AM	9	33
01:00 - 02:00 AM	11	33
02:00 - 03:00 AM	6	42
03:00 - 04:00 AM	3	33
04:00 - 05:00 AM	7	31
05:00 - 06:00 AM	9	36
06:00 - 07:00 AM	6	44
07:00 - 08:00 AM	22	77
08:00 - 09:00 AM	19	101
09:00 - 10:00 AM	19	104
10:00 - 11:00 AM	17	107
11:00 - 11:59 AM	30	89
12:00 - 01:00 PM	35	83
01:00 - 02:00 PM	22	78
02:00 - 03:00 PM	22	101
03:00 - 04:00 PM	33	100
04:00 - 05:00 PM	46	106
05:00 - 06:00 PM	42	95
06:00 - 07:00 PM	25	100
07:00 - 08:00 PM	33	87
08:00 - 09:00 PM	18	71
09:00 - 10:00 PM	23	54
10:00 - 11:00 PM	14	57
11:00 - 11:59 PM	12	42

Response Times to Fire and EMS Calls

Average Response to Fire Calls - 11:35
Average Response for First Responder to EMS Calls - 4:56
Average Response for Paramedic Ambulance to EMS Calls - 9:23

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 (12)*

Deputy Chief

David Depies (34)*

Captains

John Pipkorn (32) (P)

Lieutenants

Charles Neman, Jr. (29)*
James Wienser (28)*
Armando Suarez Del Real (15) (P)
Nicholas Boehlke (15)*
Scott Blanchard (14)*
Jeremiah Bradley (9)*

Motor Pump Operators

Charles Stegeman (18)*	Quantavious Tucker (8)*	Gregory Gilles (5) (P)
Cory Stuetzgen (17)*	Andrew Allen (8) (P)	Brian James (5)*
Ryan Bialk (11) (P)	Amy Boll (7) (P)	Matthew Schneider (5) (P)
Matthew Eggebrecht (8) (P)	Brian Kendzor (7)	Rick Lemke (3)*
Josh Lipp (9) (P)		

Emergency Medical Technicians

Carol Barthel (37)*	Wesley Reimer (5) (P)	Margo Stern (2) (P)
Patricia Trotnow (32)*	Elizabeth Bart (4)*	Caitlin Krieg (1)*
Andrew Schuster (6)*	Veronica Rudychev (3)*	William Wong (1)*
Melissa Bradley (5)*	Heather Krueger (2)*	Thomas Doerr Jr. (H)*
Megan Gellert (5)*	Bailey Leeson (2)*	Dean Knauss (H)*

Firefighters

Steve Klocko (26)	Scott Krueger (3)*	Jacob Evaska (H)*
Marco Zach (14)	Brandon Bogan (2)*	Schaeffer Broeske (H)
Sarah Geidel (11)*	Barry Sims (2) (P)	Benjamin Forke (H)*
Tyler Youngbeck (6)*	Ryan Spradlin (2)*	Samuel Goldner (H)*
Clint King (5)*	MacKenzie Haese (2)*	Joel Porter (H)
A. Diamantopoulos (4) (P)	Alberto Uscanga (1)*	Nicholas Robertson (H)
Jeanella Eulberg (4) (P)	Benjamin Wingers (1)*	

Interns

Robert Bell	Jameson Czarnecki	Humberto Hernandez
Zachary Mayo	Aurelio Vazquez	

Retired/Resignations

Jake Campbell	Jacob Goplin	Noelle Gross
Daniel Hoffman	Freya Ludeman	Dale Schoessow
Jacob Wnuk		

EMT Certified *
Paramedic (P)
Hired in 2018 (H)