



Mequon Fire Department
2015 Annual Report



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OFFICE OF THE FIRE CHIEF

January 19, 2016

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

In 2015, the Mequon Fire Department responded to 1,917 fire and emergency medical calls, an 11% increase from the previous year. This report highlights the many emergency and non-emergency activities of the Mequon Fire Department in 2015.

A noteworthy achievement for 2015 was the creation of the fire department intern program. Partnering with Milwaukee Area Technical College the fire department recruited three students in their second year of the Fire Protection Technician Program to work a firefighter's schedule. Each day one of the three interns is working a 24 hour shift in the fire house. The interns are expected to be in the station during their shift except when at school. All the interns are state-certified Firefighter I, EMT-Basic and have passed the fire department agility test. The interns supplement personnel on fire calls and fill in on EMS shifts during times of low staffing. The interns continue their career growth by attending additional state certification classes, assisting with fire inspections, and performing equipment checks.

Moving forward into 2016, 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.

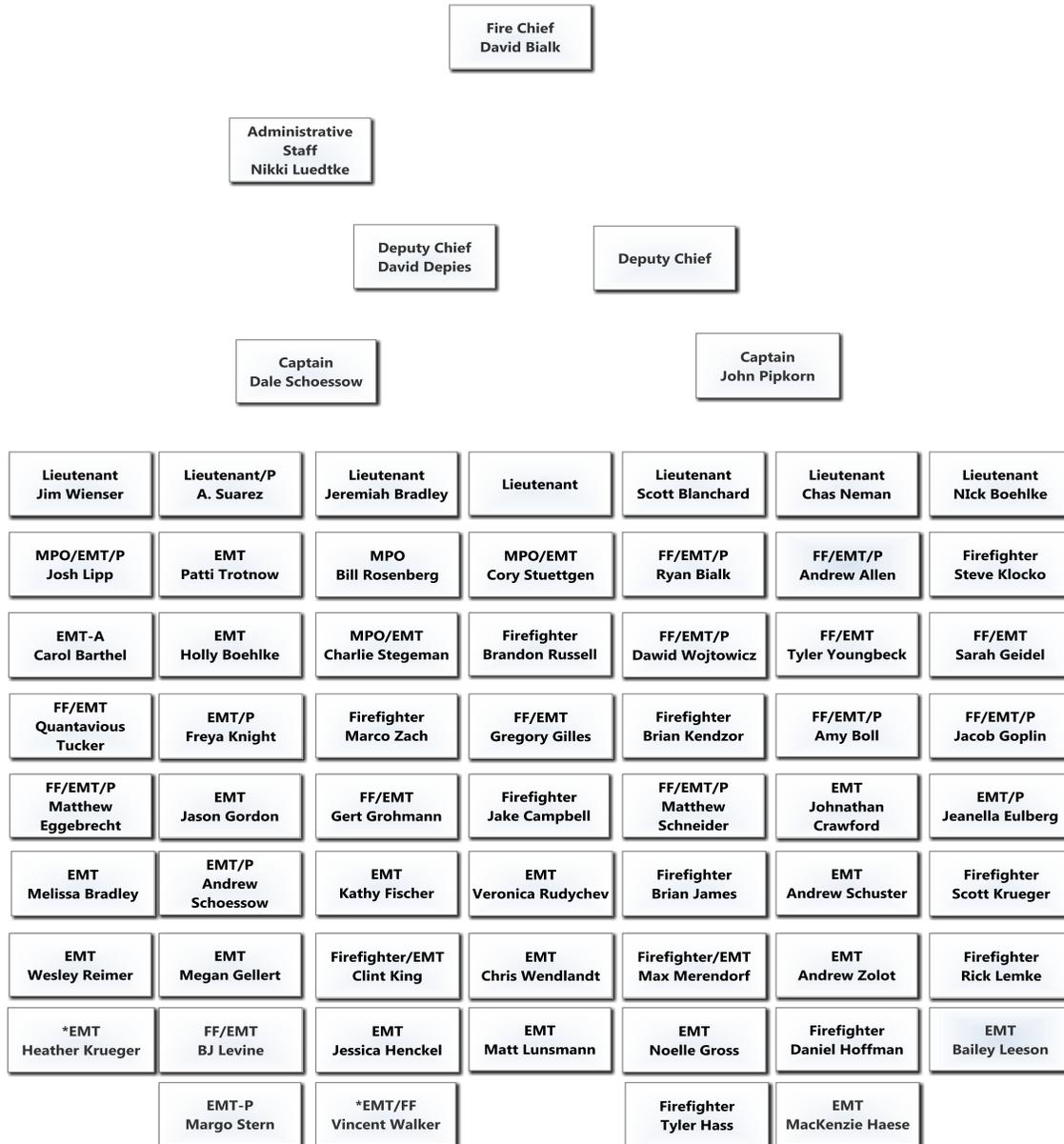
Each member of the Mequon Fire Department will pass on their training and experience to other members, thereby improving the ability and effectiveness of the department to serve the community.

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 23,000 residents who reside within the 47 square miles of the City.



CHIEF'S REPORT

Operations

January

- The fire chief met with a representative from the Insurance Service Office to update and review the Public Protection Classification for the City of Mequon.
 - The Insurance Services Office is a national nonprofit organization that provides an evaluation process using a rating scale to measure a fire department's protection abilities. A fire department's ISO rating directly affects insurance premiums paid by homeowners and businesses.
- A new tracking system was created to better monitor the use of emergency medical supplies and prevent shortages or excesses of medical supplies.
- A new patient transport device was purchased for pediatric patients. The Pedi-Mate allows EMTs and Paramedics to treat an infant in a moving ambulance with the infant secured to the ambulance cot.
- Work began on consolidating the special operations teams of the fire department. Historically the dive team and technical rescue teams were separate disciplines within the department. Logistically it is difficult to maintain two separate teams so the team were blended to create one team. This will allow for more training as well as more available personnel in the event of a dive or technical rescue event.
- One new probationary member was hired: Max Mierendorf (Firefighter/EMT).
- The fire department was denied being grandfathered in under Act 270.
 - In 2013 the State of Wisconsin passed legislation eliminating all local fire prevention codes and replacing the local codes with a uniformed State Fire Prevention code. Some of Mequon's local fire prevention codes were more restrictive than the state codes and the fire chief applied for the current codes to be grandfathered. Act 270 allowed for a process to apply for an exemption under the law. In July 2014, the fire department applied to be grandfathered in under Act 270 to allow the City to maintain its more restrictive code.

February

- The fire department had eight members working standby in the station overnight during a record 10-inch snowfall. During the standby the department responded to two EMS calls.

Chief's Report (continued)

- The fire department completed its revalidation with Medicare to allow for continued billing of Medicare patient transports.
- An internal audit was performed on the use and storage of narcotics. All paperwork, including administration and inventory documentation was in order.

March

- The department completed one year of staffing a part-time, around-the-clock paramedic to ensure 24/7 coverage of advanced life support care. The department utilizes 14 members certified at the paramedic level to cover the annual 8,700 hours.
- The fire chief attended the Wisconsin State Fire Chiefs Education Conference in the Wisconsin Dells.
- Three new probationary members were hired: Dan Alderfer (FF/Paramedic), Jake Campbell (FF), and Scott Krueger (FF).
- All static water sources were entered into a database using GPS coordinates and mapped into an application called *iamresponding*. The app allows firefighters access to the location of all city hydrants and cisterns on their smart phones, on a laptop in the fire engine, or on the display screen at the fire station before responding to a call.
- The fire department attended a job fair at Homestead High School to discuss the option of pursuing a career in firefighting or emergency medical services with students. Fire department members spoke to approximately 75 students and handed out 28 application packets.

April

- The fire chief met with a representative from the Insurance Service Organization and was informed that Mequon's ISO rating was going to improve from a 5 to a 4.
- The fire department was audited by the State of Wisconsin Department of Safety and Professional Services to check for compliance with the 2% dues requirement. There were no deficiencies found during the audit.
 - The 2% dues payment to the city is approximately \$142,000 a year.
- The fire department purchased three DSPA 5 fire extinguishers, which operates much like a hand grenade. Each weighs 10lbs and is carried on each fire responder vehicle and can be deployed through a door or window. In some situations the device can extinguish a fire in its incipient stage prior to the fire department's heavy equipment arriving on scene.

Chief's Report (continued):

May

- The fire department accepted delivery of a new Pierce fire engine, replacing a 30-year-old FWD fire engine. The lease purchase price of the new engine was \$454,000 and the old fire engine was sold at auction for \$5,000. The department maintains a fleet of three fire engines, two ladder trucks, and two tenders.
- Partnering with MATC the fire department started an intern program. Three interns were selected from students enrolled in the Fire Protection Technician Associate Degree program. 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 and participate in community education, fire prevention, training, and other assigned duties.

June

- The fire department participated in the Mequon/Thiensville *Fun Before the Fourth Parade*.
- The fire department was relicensed by the State of Wisconsin, Department of Health Services as a Paramedic-level provider. Before submitting for relicensing the operational guidelines must be reviewed and updated.
- The department's fire orientation recruit manual was updated to reflect current standard operating guidelines and practices.

July

- The fire department participated in the Trinity Lutheran Church-Freistadt parade.

August

- Five new probationary recruits were hired: Jessica Henckel (EMT), Noelle Gross (EMT), Rick Lemke (FF), Benjamin Levine (FF/EMT), and Tyler Hass (FF).

September

- Four new probationary recruits were hired: Daniel Hoffman (FF), Veronica Rudychev (EMT), Chris Wendtland (EMT), and Mathew Lunsman (EMT).
- All department Toughbooks (laptops) were updated with the latest software for electronic patient care records, maps, and alarm cards.

Chief's Report (continued)

- The chief attended an annual meeting with the Ozaukee, Washington, Milwaukee, and Waukesha County Fire Chiefs to update all box alarm cards for the City of Mequon. A box alarm card is the template used for calling additional resources from other communities in the event of an emergency. Most departments design their box cards around bringing in the closest units to the emergency. The box alarm cards are also designed to bring in resources from other counties and across the State if needed.
- The fire department joined Columbia-St Mary's Chest Pain Accreditation Committee. The purpose of the committee is to review STEMI (ST Elevation Myocardial Infarction) cases for on-scene times, diagnoses, and door-to-balloon time for patients suffering a heart attack.
- The fire department added the drug ketamine to its list of narcotics for administration in the field. The drug gives paramedics an extremely powerful tool to use on patients requiring sedation.

December

- The chief attended an Ozaukee County meeting for the Critical Incident Stress Debriefing (CISD) team. The CISD team contact information was disseminated to all the officers of the department. The purpose of the team is to provide a supportive crisis intervention process in the event of a traumatic event. The aim of CISD is to provide coping methods for members who have been overwhelmed by an event and are exhibiting signs of distress, impairment, or dysfunction.

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 2015, the fire department received \$7,216 of FAP money from the State of Wisconsin. The money may only be spent on EMT-Basic training and the purchase of EMS equipment.
- After a meeting with the State of Wisconsin Fire Prevention Coordinator for our area in March, the fire department began a new program of handing out post cards during fire inspections. If a violation is noted a property owner can sign the card and send it back stating they corrected the violation and are now in compliance with fire prevention code.

Chief's Report (continued)

- In July, the fire department received its 2% dues disbursement from the State of Wisconsin totaling \$139,064. The department is eligible for the money by performing fire inspections of buildings each 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.
- There were 521 burn permits issued in 2015 compared to 544 permits issued in 2014.
- In the 2015 fee schedule the cost of a burn permit was raised to \$20.00 with permits are now available on-line for renewals through the City of Mequon's website. First-time residents wanting a burn permit still need an inspection prior to the issuance of a permit.
- The fire department's fee schedule was re-evaluated and some increases were made to the base rate for ambulance transports along with an increase for mileage.

2015 Incidents

1/11/2015 – The fire department provided mutual aid to the North Shore Fire Department for a basement fire in Bayside.

1/11/2015 – The fire department responded to a house at 11633 Austin Avenue. Upon arrival there was fire and heavy smoke showing from the second floor of the home. The fire started somewhere between the first and second floor and was determined to be electrical in nature. The house was extensively damaged and the homeowner did not have insurance. The house was in a non-hydranted area and water needed to be shuttled in. Mutual aid was received from Thiensville, Cedarburg, Saukville, Port Washington, Germantown, Grafton, and North Shore.

1/12/2015 – The fire department responded to a vehicle rollover on North Wauwatosa Road north of Bonniwell Road. A male occupant needed to be extricated from the car and transported to Froedtert Hospital for traumatic injuries. The patient was a candidate for Flight for Life (FFL) transport, but because of bad weather FFL was grounded. During the extrication the patient was combative and one EMT was punched and bit and a police officer was choked. The patient was later arrested after being found to be under the influence.

1/16/2015 – The fire department responded in subzero temperatures to a house fire at 3200 W. Grace Avenue. The fire started behind a fireplace and spread up the walls to the attic. The fire was contained in the chimney chase and the fireplace but the home had extensive damage due to overhaul. Mutual aid was received from Thiensville, Cedarburg, Saukville, Port Washington, Germantown, Grafton, and North Shore. The house was located in an area without fire hydrants so water had to be shuttled in from a half of a mile away.

2/1/2015 – During a snow storm with 30mph winds a person drove off the road near 10900 West Donges Bay. While trying to get out of the ditch the tires of the Jeep caught fire. The wind fanned the fire and caused it to travel quickly into the passenger compartment. The driver stated he barely made it out of the vehicle before the entire Jeep was engulfed in flames. When the fire department arrived the car was fully-involved and a total loss.

2/19/2015 – The fire department responded to a chimney fire on Sunnyvale Road. The chimney was so full of creosote that part of the chimney had to be removed to gain access to the fire.

2/25/2015 – The fire department responded to Telsmith for a dumpster fire. The dumpster was loaded with paint chips and heavily involved in fire upon arrival. Plant management confirmed the dumpster had no exposures and the fire was allowed to burn until it was smaller in size and easier to extinguish.

2015 Incidents (continued)

3/2/2015 - A discarded cigarette on a windy day started a fire between the deck and house at 13608 N. Lakewood Drive. The owner was alerted by his smoke detector alarming. Extensive overhaul was done to an interior kitchen wall. The fire had smoldered for a long enough time between the exterior and interior walls before it was discovered that a 2x10 above the sill plate had burned completely through.

3/3/2015 – Mequon responded to Fredonia on a 5th alarm with a tender to assist with a structure fire on Highway KK.

3/11/2015 - A person suffering a medical issue could not negotiate the curve northbound on Port Washington at Zedler Lane and plunged down the embankment and rolled the car. The person was extricated from the vehicle and transported to Froedtert Hospital.

3/16/2015 – The fire department responded to a fatal accident in the Sendik's parking lot on Port Washington Road. An elderly female was run over by a full-size van and was dragged under the vehicle.

3/20/2015 - A speeding car rolled over on Mequon Road just east of Port Washington Road. The person was trapped briefly in the car until the seatbelt could be released and the occupant self-extricate. The driver was evaluated by the department at the scene and signed a release.

3/22/2015 – The fire department responded to a chimney fire at 12700 North Shoreland Parkway. There was heavy smoke damage to the interior of the home and the chimney was damaged trying to extinguish the fire.

4/11/2015 - The fire department provided mutual aid to Germantown for a fatal house fire on Squire Drive. The fire department assisted Germantown on scene for about two hours.

4/11/2015 - The Mequon Fire Department dive team responded to Grafton to help rescue four teenagers who were stranded in the Milwaukee River just north of Pioneer Road. The teenagers purchased a raft from Costco and went for a ride in the swollen river. Two of the teenagers were hanging onto a tree and two others were stranded on a high ground. The Mequon crew assisted with rescuing the two stranded on high ground.

4/17/2015 – The fire department responded to 14015 N. Port Washington Road for a man who fell off the roof. The workman fell approximately 20 feet and landed on an air conditioning unit. The patient was transported to Columbia-St Mary's Hospital and flown by Flight for Life to Froedtert Hospital for his injuries.

2015 Incidents (continued)

4/17/2015 – A two car accident at Highland and Wasaukee Roads required one adult and one infant to be extricated from a vehicle. Two helicopters were needed for transport of the patients by Flight for Life to Froedtert Hospital's trauma unit.

4/30/2015 - A 21-year-old Concordia student was struck by a car at Highland and Port Washington Roads. The patient traveled approximately 40 feet through the air before landing in the middle of the road. The patient had serious injuries but was alert and transported to Froedtert Hospital by Flight for Life.

5/23/2015 - While tending to a minor traffic accident on southbound I-43 just south of Pioneer Road, a second accident occurred in the northbound lanes of I-43. A total of eight patients between the two accidents required a "Life Safety" Box Alarm to be requested. The box alarm brought engines from Fredonia and Menomonee Falls, ambulances from Thiensville, Grafton, Cedarburg, North Shore, and Germantown.

5/27/2015 – One person was transported by Flight for Life to Froedtert Hospital after the lawn mower he was riding on fell off a retaining wall and landed on Wauwatosa Road. The accident resulted in fatal injuries.

6/23/2015 – Mequon responded to Shorewood and provided mutual aid to the North Shore Fire Department for a fire on the fourth floor of a four-story apartment building.

6/26/2015 – Flight for Life was requested for a painter who fell approximately 30 feet onto the pavement at a house on Cedarburg Road.

6/27/2015 - An overload caused an air conditioning unit to start on fire at the AT&T building at 7404 W. County Line Road. The building contains equipment extremely sensitive to temperature. The building needed to be cleared of smoke and the power restored quickly to prevent damage to the phone circuits. The first arriving fire engine was met with smoke pouring out of the building. The fire department stayed on scene until all the smoke was clear and assisted with restoring the power to the building.

7/24/2015 – One person was extricated from a two-vehicle accident at Donges Bay and Granville Roads. The person suffered only minor injuries and refused transport to the hospital.

2015 Incidents (continued)

7/26/2015 – An outlet behind a refrigerator started a kitchen fire at 1108 W. Zedler Lane. After the home owner discovered the fire and called 911, he went back into the house with a garden hose to extinguish the fire. When the fire department arrived they evaluated the homeowner for smoke inhalation, finished extinguishing the fire, and overhauled the area.

8/9/2015 – A person was airlifted by helicopter from a single-vehicle rollover accident at Pioneer and Granville Roads. Prior to the fire department's arrival, an off-duty firefighter dragged the person from the smoking car.

8/18/2015 – The fire department responded to a one-vehicle fatal accident at 9030 W. Poplar Drive. The person was traveling north on Swan Road and failed to negotiate a turn north of Mequon Road.

9/9/2015 – A discarded cigarette in a trash can caused a garage fire at 7775 W. Kings Crossing Way in Mequon. A quick response by the member manning the fire responder vehicle kept the damage to a minimum.

9/10/2015 - A person drove a car into and under a stopped school bus at Concord Drive and Stanford Court. There were a dozen students on the bus at the time of the accident. The driver of the car was transported to the hospital; none of the students were injured.

9/26/2015 – The fire department provided mutual aid to the Germantown Fire Department with a house fire on North Lovers Lane. The fire department sent an engine and tender to Germantown and were on scene assisting for nearly five hours.

10/26/2015 - A leaf blower that fell onto some stuffed cushions started a garage fire in the 5700 block of Sherwood. The fire was limited to the garage and caused some smoke damage to the home.

11/20/2015 – A tanker truck carrying about 7,000 gallons of diesel fuel rolled over on the northbound on-ramp to I-43 from Mequon Road. The driver took the turn too fast causing the tanker to roll over. The truck driver managed to self-extricate from the vehicle prior to the fire department's arrival. The tanker was found to be leaking diesel fuel and Ozaukee County Emergency Management was notified to respond with the hazardous material team. Working with the Ozaukee County hazmat team, the fire department constructed a dike and deployed booms across a creek to contain the spill. Veolia responded with a vacuum truck and sucked up approximately 2,000 gallons of diesel that had leaked from the tanker truck.

11/23/2015 – Between November 23rd and the 28th the fire department's dive team searched several times in the Milwaukee River and a local pond for a missing Mequon woman.

2015 Incidents (continued)

11/28/2015 – A head-on collision in the 9600 block of Mequon Road sent two people to the hospital. One of the drivers needed to be extricated from her vehicle.

12/10/2015 – A toaster oven left on under a kitchen cabinet caused extensive smoke damage to home on North Woodberry Drive.

12/14/2015 – Three people were transported, one with serious injuries, to the hospital after a head-on collision in the 8800 block of Mequon Road. One patient needed to be extricated from the vehicle.

12/10/2015 – A car fire cause a large traffic backup at Port Washington and Mequon Roads. Before the fire department arrived the car was fully-involved.

12/31/2015 – The fire department responded to a car vs. snow plow accident on Cairdel Lane. The passenger in the car was treated for minor injuries.

FIRE PREVENTION REPORT

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 helping people feel safe. In Mequon, we are able to 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 the department with 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 regards to fire prevention. The inspection program also grants 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.

2015 Statistics

In 2015, the fire department completed a year-long program to enter all fire prevention inspections into a database. The next step is to evaluate a mobile platform with an electronic form for doing fire inspections in the field. Department personnel conducted 2,314 fire safety inspections in the field. Over the next few years this number is expected to grow with the recent new developments in the community. The total hours of fire inspections include all types of 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, over 600 written requests for compliance were issued.

The third-party vendor the fire department used for sprinkler inspections retired in 2015. All sprinkler system inspection duties are now performed in-house.

2015 Statistics (continued)

In 2015, the department spent 250 hours conducting fire safety talks and tours of the fire department for the community. In all, over 950 adults and children had direct interaction with the fire department. The greatest interaction with the community was during our annual open house held on October 3rd at the fire station located at 11300 N. Buntrock Avenue. The yearly open house was well-attended by the public.

TRAINING REPORT

The Mequon Fire Department trains its members through various means using the Vocational Technical College (MATC), in-house and on-line education, conferences, and a variety of seminars. In 2015, the department delivered 3,670 hours of in-house training on Monday nights and Tuesday mornings. In addition, the department spent 75 hours doing basic Emergency Medical Technician training and 262 hours of Advance Life Support training.

January

- A yearly training schedule is 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 EMS training officer attended the State EMS Instructors Coordinators Conference in the Dells.
- The fire department conducted the first of four in-house skills assessment called 911 Emergencies. 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 is a pass/fail assessment that all levels must pass to be eligible to work hours on the ambulance or first responder vehicle.
- Matt Schneider, Brian Kendzor, and Steven Presser enrolled in Driver/Operator-Pumper certification.
- All members were trained in surface ice rescue, use of the ice rescue sled and cold water suits. Training was conducted at the Homestead High School pool.
- 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.
- All members were recertified in CPR, advanced airway and defibrillation.
- The fire chief and the EMS training officer attended the Wisconsin EMS Association trade show in downtown Milwaukee.
- Brandon Russell completed EMT-Basic through MATC.

Training Report (continued)

March

- The fire department added a new type of splinting tool for femur fractures, called the Kendrick Device. All members were trained in the use, application and care of the device.
- 911 Emergencies skills assessment was held.
- The fire department conducted aerial ladder training at the Concordia University parking garage.
- Deputy Chief Dave Depies, Captain John Pipkorn and Lieutenant Jeremiah Bradley completed Blue Card training. Blue Card is a nationally recognized training program for incident command.

April

- The fire chief and training officer attended the Fire Department Instructors Conference.
- Ryan Dunn completed State-Certified Firefighter I training.

May

- Branson Russell and Ryan Dunn completed EMT-Basic training.
- Three members passed paramedic training: Tyler Youngbeck, Greg Gilles and Sarah Geidel. All three members paid the \$5,000 course fee out of their own pockets.

June

- Elizabeth Bart, Max Mierendorf, Brian James, and Brandon Russell started ambulance orientation.
- Andrew Schuster completed the EMT-Advanced course.
- Jeanella Eulberg and Jake Campbell completed Firefighter I training.
- Scott Blanchard completed Fire Officer I.
- Quantavious Tucker completed Fire Inspector I.

July

- The fire department conducted fire ground operations and live fire training in an acquired structure at 10701 North Wauwatosa Road. The owner donated the building for training purposes.

Training Report (continued)

- With the 10701 North Wauwatosa Road donation, the department was able to train on search-and-rescue techniques, overhaul procedures, ladder rescue and fire attack before burning the house to the ground. Each of the other eight fire departments in Ozaukee County sent personnel to the training exercise.

August

- Training was conducted with the athletic training staff from Concordia University to review procedures and protocols to be used during standby at Concordia football games. Mequon provides an ambulance at all Concordia home football games and works with the medical staff from Concordia to treat injured players.
- Andrew Schoessow completed the Fire Officer I course.

September

- 911 Emergencies skills assessment was held.

October

- All fire department members completed the 32-hour EMT-Basic Refresher training. Refresher training is mandated by the State of Wisconsin and is a requirement for re-licensure of EMTs. The class was held in Mequon and presented by MATC.
- The fire department began CPR and AED training of all full-time and part-time City employees.

November

- The fire department upgraded the *CentreLearn* on-line training program to now allow Mequon to create and deliver its own on-line training programs. The training programs can be accessed from any electronic device and reviewed. We also have the ability to offer a test at the end of the on-line course to evaluate how well a member comprehended the training.
- Brian Kendzor completed the State Driver/Operator course.

December

- 911 Emergencies skills assessment was held.

Training Report (continued)

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 2015, the dive team put in 351 hours of training along with members of the technical rescue team. There are currently five qualified divers including one Dive Master, four Advanced Rescue Divers, and six support personnel. 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 to recover a gun and practice recovering a simulated victim.
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 shore drift patterns, evidence recovery patterns, and boat handling.
4. Surface rescue – training at Homestead High School working on strategies with thin ice, victims on the surface and training fire department personnel with the ice rescue sled.
5. Ice rescue – practicing at Harrington Beach State Park Pond, diving under ice, working with a confined space environment, and procedures for diver safety in risky environments.

Technical Rescue

The members of technical rescue team are the only team in Ozaukee County that trains in all four disciplines of technical rescue. This includes high angle, confined space, trench rescue, and building collapse. The tech team trains on each of these disciplines throughout the year. In 2015, the team put in 60 hours doing 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.

EQUIPMENT REPORT

One of the most important jobs a fire department does is maintain emergency equipment in a state of readiness. To that end, weekly vehicle checks are assigned to members on a rotating basis to ensure that 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	29
967	1996	Ford	3500 Gallon Tender	19
961	1996	Pierce Quint	85' Aerial with 1500gpm Pump	19
953	1998	Ford/F350	Rescue / Brush Truck	17
950	2001	Ford/F350	Ambulance	14
955	2002	Pierce	Heavy Rescue / Equipment Truck	13
971	2003	GMC Yukon	Staff car	12
963	2005	Pierce Impel	Fire Engine 1500gpm Pumper	10
960	2006	Pierce Quint	100' Elevating Platform with 1500gpm Pump	9
962	2008	Pierce	Fire Engine 1500gpm Pumper	6
970	2009	Chevy/Tahoe	Chiefs car	6
951	2009	Ford/F350	Ambulance	6
966	2011	Pierce International	3500 Gallon Tender	5
952	2012	Jeep Grand Cherokee	First Responder Vehicle	4
954	2012	Jeep Grand Cherokee	First Responder Vehicle	4
951	2014	Ford/F450	Ambulance	2
964	2015	Pierce Impel	Fire Engine 1500gpm Pumper	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.

- Both of the department's aerial ladder devices were tested and passed their 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 of the department's defibrillator and cardiac monitors were checked and calibrated.

Equipment Report (continued)

- In 2014 during a routine maintenance inspection the city mechanic found excessive corrosion to the frame rails of Heavy Rescue 955 (2002 Pierce equipment truck). The manufacturer was contacted and a representative was sent to investigate the problem. The manufacturer said this was a serious enough problem to remove the vehicle from service or have it repaired. After a cost benefit analysis of the vehicle the fire department decided to replace the \$400,000 heavy rescue with a \$50,000 step van. The new van was ordered in November and is expected to be delivered in the early part of 2016.
- All of the department ground ladders were tested and certified in 2015. Two ladders had to be sent out for repairs—one for a bent rung and the other had a saw cut in the beam. Both ladders were repaired, tested and returned to service.
- The fire department has approximately three-and-a-half miles of fire hose that was service tested in 2015. Hose that fails the yearly service test is replaced or repaired.
- All of the department's Self-Contained Breathing Apparatus (SCBA) were certified and those that did not pass the annual test were taken out of service.
- The two sets of fire department hydraulic rescue tools were tested and had maintenance performed by a factory-trained technician.
- 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 and samples are taken of the air and sent back to lab.
- Each of the three ambulances has an electric-over-hydraulic power cot; all three cots were tested and certified. The maintenance technician also checks for sanitation of the cots and all three were found to be in exceptional shape.

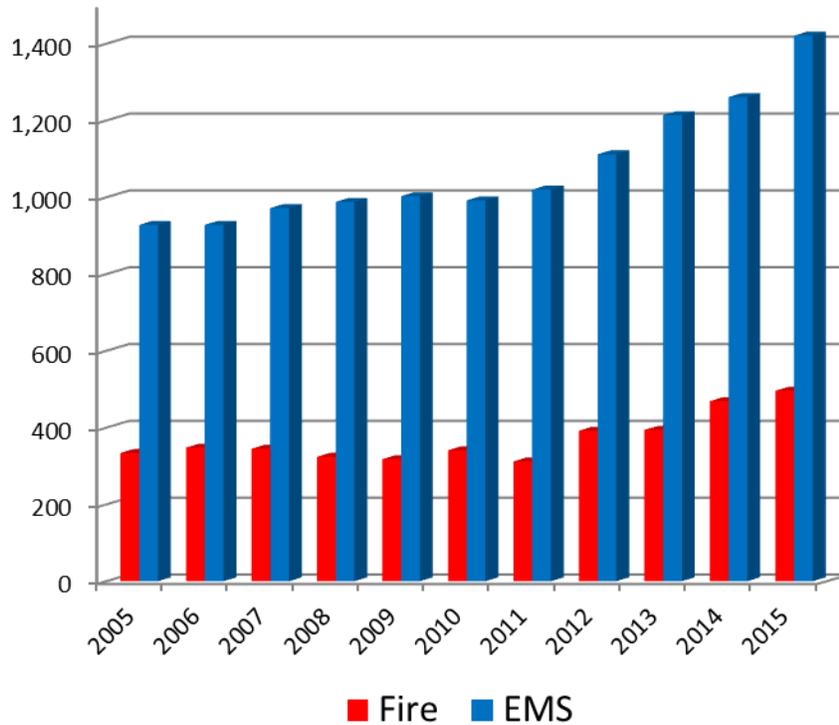
STATION IMPROVEMENTS

One of the keys to a successful paid-on-call department is having a place where members can spend time working out, studying, watching TV, washing their car, 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.

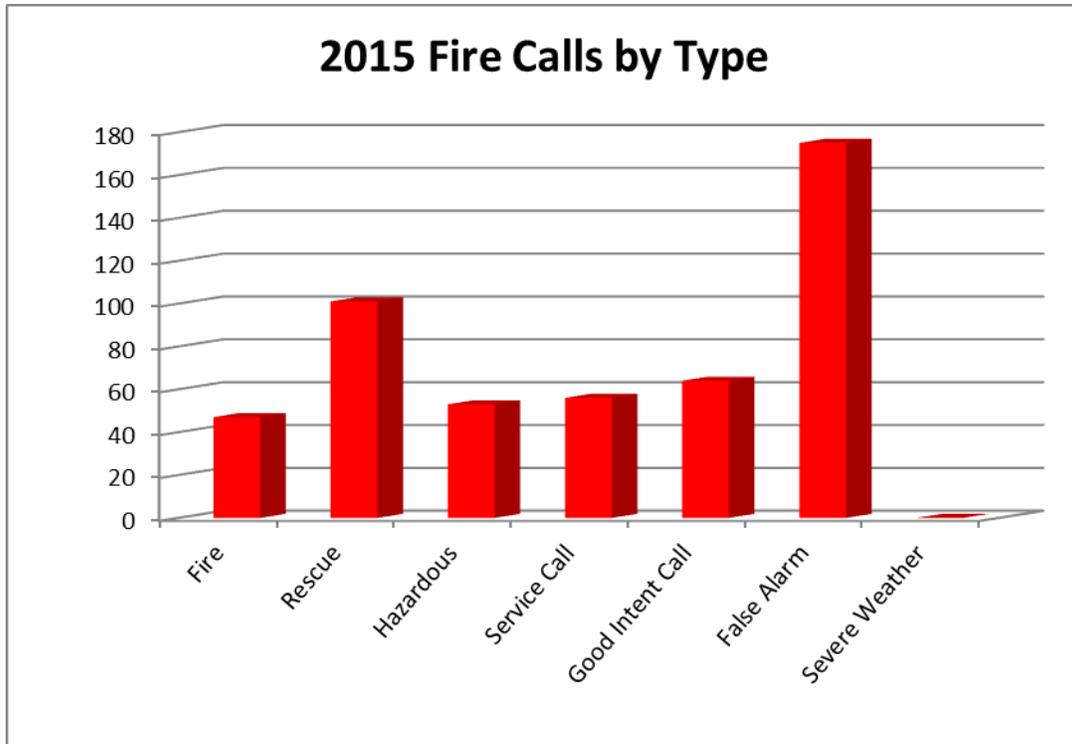
Some of the improvements in 2015 included:

- Installation of a humidifier at Station 2 to alleviate the dryness and to make sleeping more comfortable.
- A large screen TV donated by a member was mounted on the wall at Station 2 for persons using workout equipment.
- An elliptical cycle and treadmill, purchased by the Mequon Fire and EMS Association, was added to the workout area at Station 2.

Fire and EMS Calls 10 Year Comparison



Year	Fire Calls	EMS Calls	Total
2005	334	928	1,262
2006	348	928	1,276
2007	345	972	1,317
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



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.

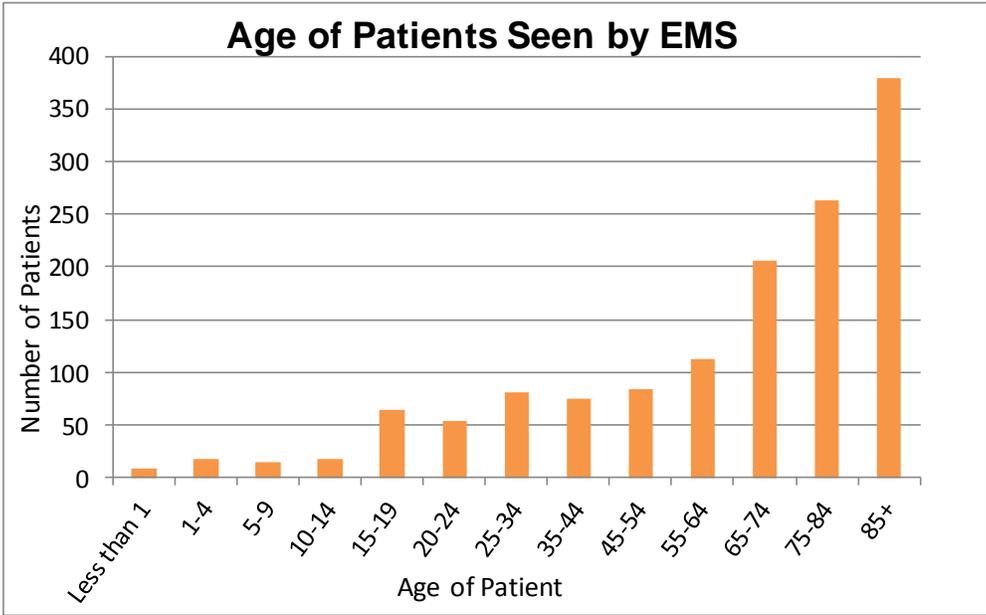
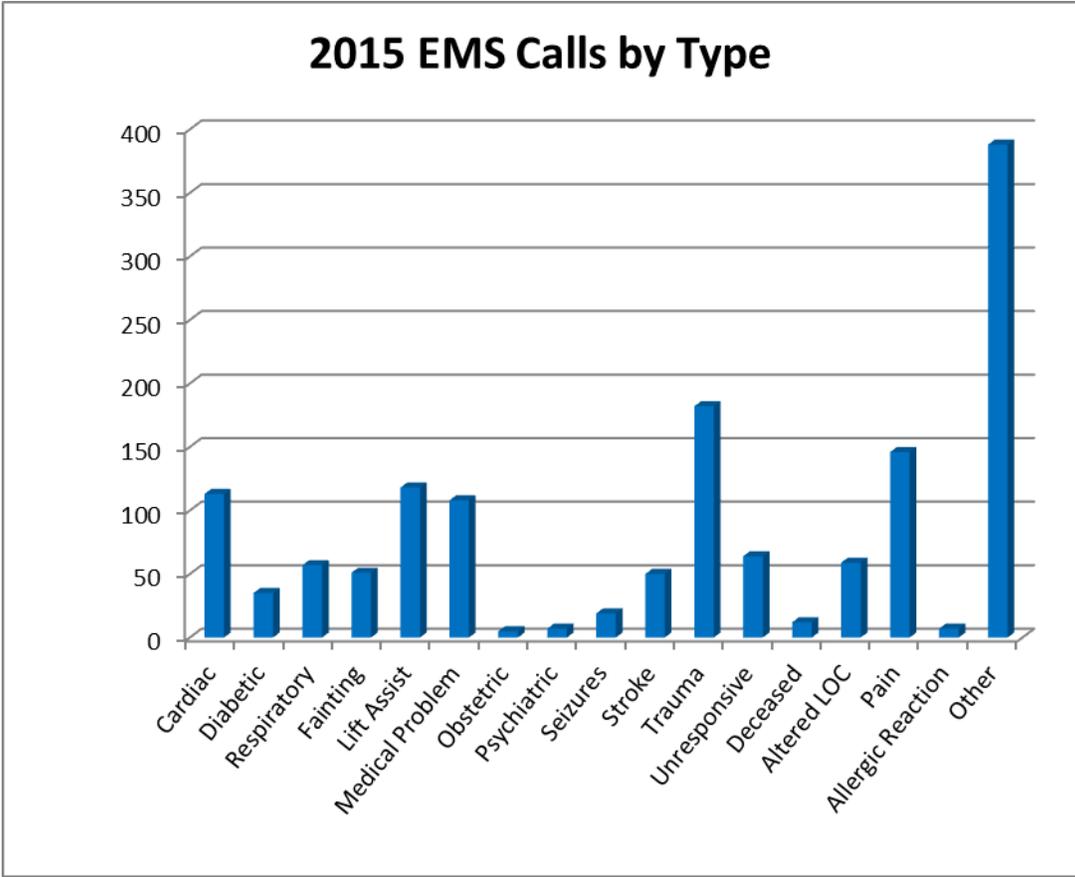
Hazardous Condition = flammable liquid spill, gas leak, chemical spill, overheated equipment, power line down and arcing electrical equipment.

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.

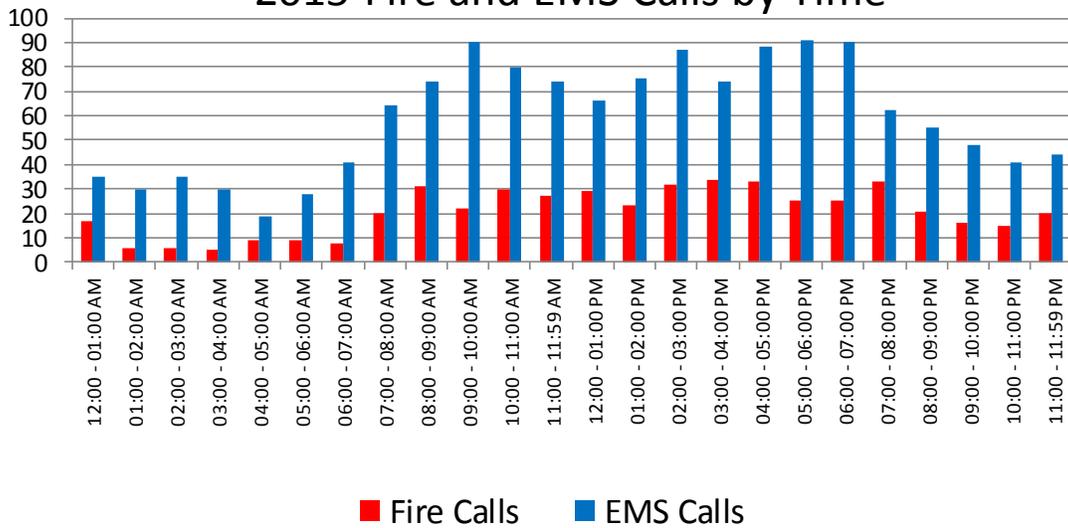
Severe Weather = lightning strike or storm-related



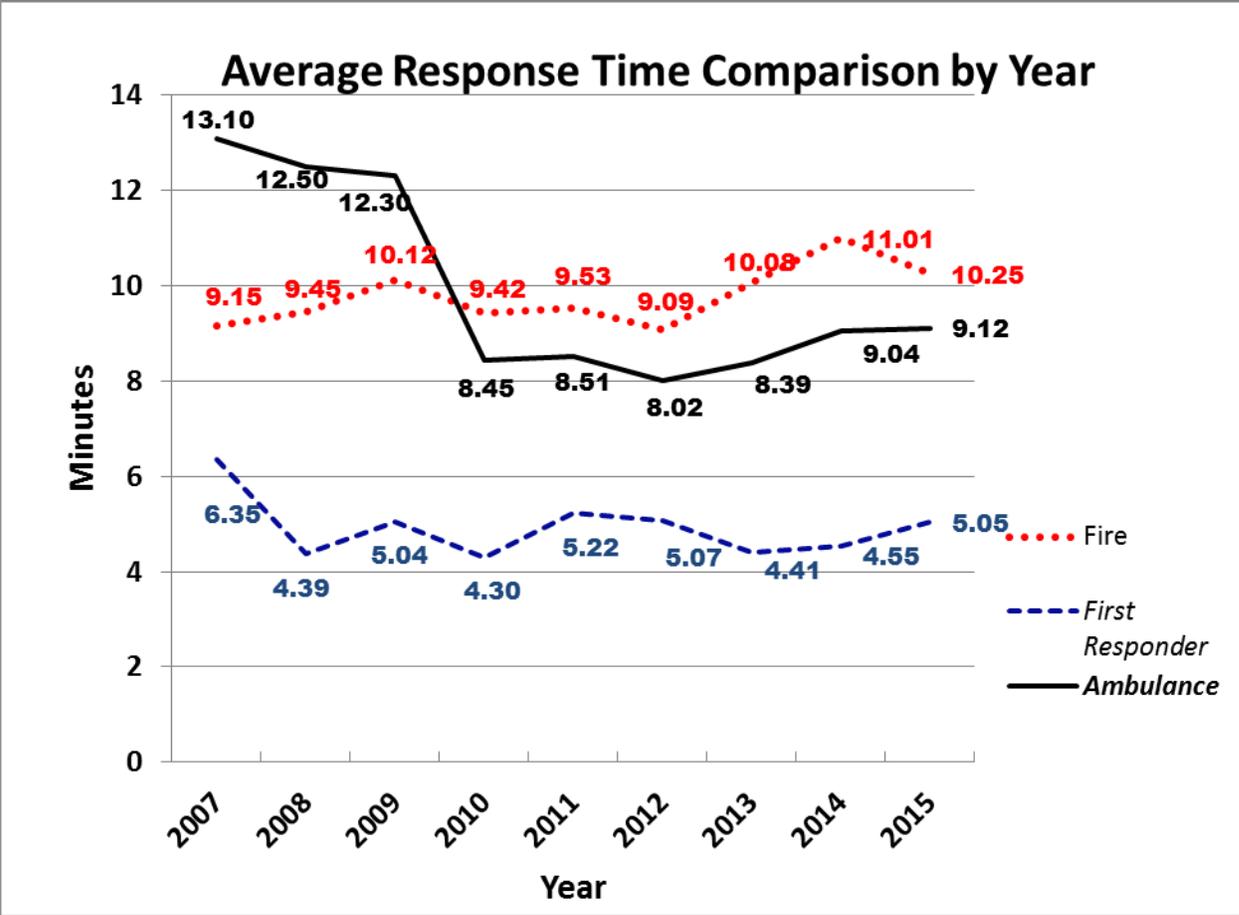
HOSPITAL DESTINATIONS 2015

Hospital Destinations	
Columbia St Mary's Ozaukee	705
No Transport	453
Aurora Medical Center Grafton	185
Froedtert Memorial Hospital	25
Community Memorial Hospital	13
Children's Hospital	18
VA Medical Center	5
St Luke's Medical Center	5
St Francis Hospital	1
St Joseph's Community Hospital	1
Columbia St Mary's Milwaukee	7
Aurora Sinai Medical Center	1
West Allis Memorial Hospital	1
Total	1,421

2015 Fire and EMS Calls by Time



Time	Fire Calls	EMS Calls
12:00 - 01:00 AM	17	35
01:00 - 02:00 AM	6	30
02:00 - 03:00 AM	6	35
03:00 - 04:00 AM	5	30
04:00 - 05:00 AM	9	19
05:00 - 06:00 AM	9	28
06:00 - 07:00 AM	8	41
07:00 - 08:00 AM	20	64
08:00 - 09:00 AM	31	74
09:00 - 10:00 AM	22	90
10:00 - 11:00 AM	30	80
11:00 - 11:59 AM	27	74
12:00 - 01:00 PM	29	66
01:00 - 02:00 PM	23	75
02:00 - 03:00 PM	32	87
03:00 - 04:00 PM	34	74
04:00 - 05:00 PM	33	88
05:00 - 06:00 PM	25	91
06:00 - 07:00 PM	25	90
07:00 - 08:00 PM	33	62
08:00 - 09:00 PM	21	55
09:00 - 10:00 PM	16	48
10:00 - 11:00 PM	15	41
11:00 - 11:59 PM	20	44



Mequon Fire Department - Years of Service Roster

Fire Chief

David Bialk (9)*

Deputy Chief

David Depies (31)*

Captains

Dale Schoessow (29)*

John Pipkorn (29) **(P)**

Lieutenants

Charles Neman, Jr. (26)*

James Wienser (25)*

Armando Suarez Del Real (12) **(P)**

Nicholas Boehlke (12)*

Jeremiah Bradley (6)*

Scott Blanchard (11)*

Motor Pump Operators

William Rosenberg (18)

Charles Stegeman (15)*

Cory Stuetgen (14)*

Jon Wood (10)*

Josh Lipp (6) **(P)**

Emergency Medical Technicians

Carol Barthel (27)*

Patricia Trotnow (29)*

Holly Boehlke (10)*

Kathy Fischer (9)*

Quantavious Tucker (5)*

Jason Gordon (4) **(P)**

Amy Boll (4) **(P)**

Freya Knight (4) **(P)**

Johnathan Crawford (4)*

Andrew Schuster (3)*

Melissa Bradley (2)*

Megan Gellert (2)*

Matthew Schneider (2) **(P)**

Andrew Zolot (2) *

Jeanella Eulberg (1) **(P)**

Wesley Reimer (1)*

Daniel Alderfer (H)* **(P)**

Jake Campbell (H)

Jessica Henckel (H)*

Noelle Gross (H)*

Tyler Hass (H)

Veronica Rudychev (H)

Chris Wendtland (H)*

Mathew Lunsman (H)*

Max Mierendorf (H)*

Firefighters

Steve Klocko (23)

Marco Zach (11)

Sarah Geidel (8)*

Ryan Bialk (8) **(P)**

Gert Grohmann (7)*

Andrew Allen (5) **(P)**

Matt Eggebrecht (5) **(P)**

Dawid Wojtowicz (5) **(P)**

Jacob Goplin (4) **(P)**

Brian Kendzor (4)*

Clint King (2)*

Gregory Gilles (2)**(P)**

Brian James (2)*

Brandon Russell (2)

Andrew Schoessow (2) **(P)**

Tyler Youngbeck (2)*

Max Mierendorf (H)

Daniel Hoffman (H)

Scott Krueger (H)

Rick Lemke (H)

Benjamin Levine (H)

Interns

Alex Diamantopoulos

Luke Both

Barry Sims

Retired/Resignations

Michael Rakow

James Mettelmann

Jeffrey Neilson

Katie Mettelmann

Brent Schwartz

Annalise Arps

Steven Presser

Brian Reiser

Ryan Dunn

Merkel, Mikela

Chris Miller

EMT Certified *

Paramedic (P)

Hired in 2015 (H)