

2017

Annual Report



City of Sheboygan
Fire Department

Sheboygan Fire Department Annual Report | 2017



Thank you citizens, council and city leaders for supporting your Sheboygan Fire Department!

2017 was a great year for the department and the City of Sheboygan. We completed the year with no fire deaths and we improved our stations, apparatus and equipment to meet immediate and future needs. These improvements enhance services to our citizens on each and every medical or fire response.

We are proud of our 2017 accomplishments:

- Exceeded our 2017 ambulance revenue goal of \$1,200,000
- Completed our ambulance refurbishment program, saving \$240,000
- Won a federal health and wellness grant for \$98,000
- Received a State of Wisconsin award of \$87,000 for the successful completion of the 2016 fire inspection program
- Earned the highest satisfaction rating by citizens for fire and emergency medical service
- Successfully implemented the new emergency medical dispatch procedure
- Renovated training room with enhanced technology and a new department-wide teleconference system
- Initiated remodeling and repairs to our 112 year-old Fire Station 1
- Completed all architectural and engineering work for Station 2
- Added new electric extrication equipment
- Purchased two fire suppression tools with \$1,000 Kwik Trip grant
- Implemented new telecommunication system

Our mission is to provide quality professional services to those who live, work, invest, or visit our community. We accomplish this through the talent and commitment of the members of the Sheboygan Fire Department along with the leadership and support of our city leaders and the common council.

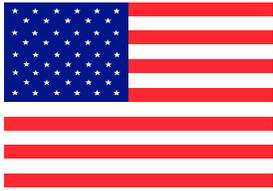
Yours in fire safety and prevention,

A handwritten signature in black ink that reads "Michael T. Romas". The signature is written in a cursive style.

Mike Romas

Fire Chief

City of Sheboygan



Department Mission

The Sheboygan Fire Department is dedicated to serving all who live, visit, work and invest in the City of Sheboygan through excellence in fire protection, rescue, emergency and non-emergency medical services, code enforcement, and education, and at the highest professional level in a compassionate, ethical, and cost effective manner.

Courage * Honor * Integrity



Sheboygan Fire Department Management and Administrative Staff



FIRE CHIEF – MICHAEL T. ROMAS
CHIEF OF THE DEPARTMENT



ASSISTANT CHIEF – VERNON KOCH
ASSISTANT CHIEF OF THE DEPARTMENT



DEPUTY CHIEF – CHARLES BUTLER
EMS/HEALTH AND SAFETY
EMERGENCY MANAGEMENT



BATTALION CHIEF – PAT NICOLAUS
A SHIFT
EMS



BATTALION CHIEF – DEAN KLEIN
B SHIFT
SUPPORT SERVICES



BATTALION CHIEF – KEITH RISSE
C SHIFT
TRAINING



CONFIDENTIAL SECRETARY
LISA HORN

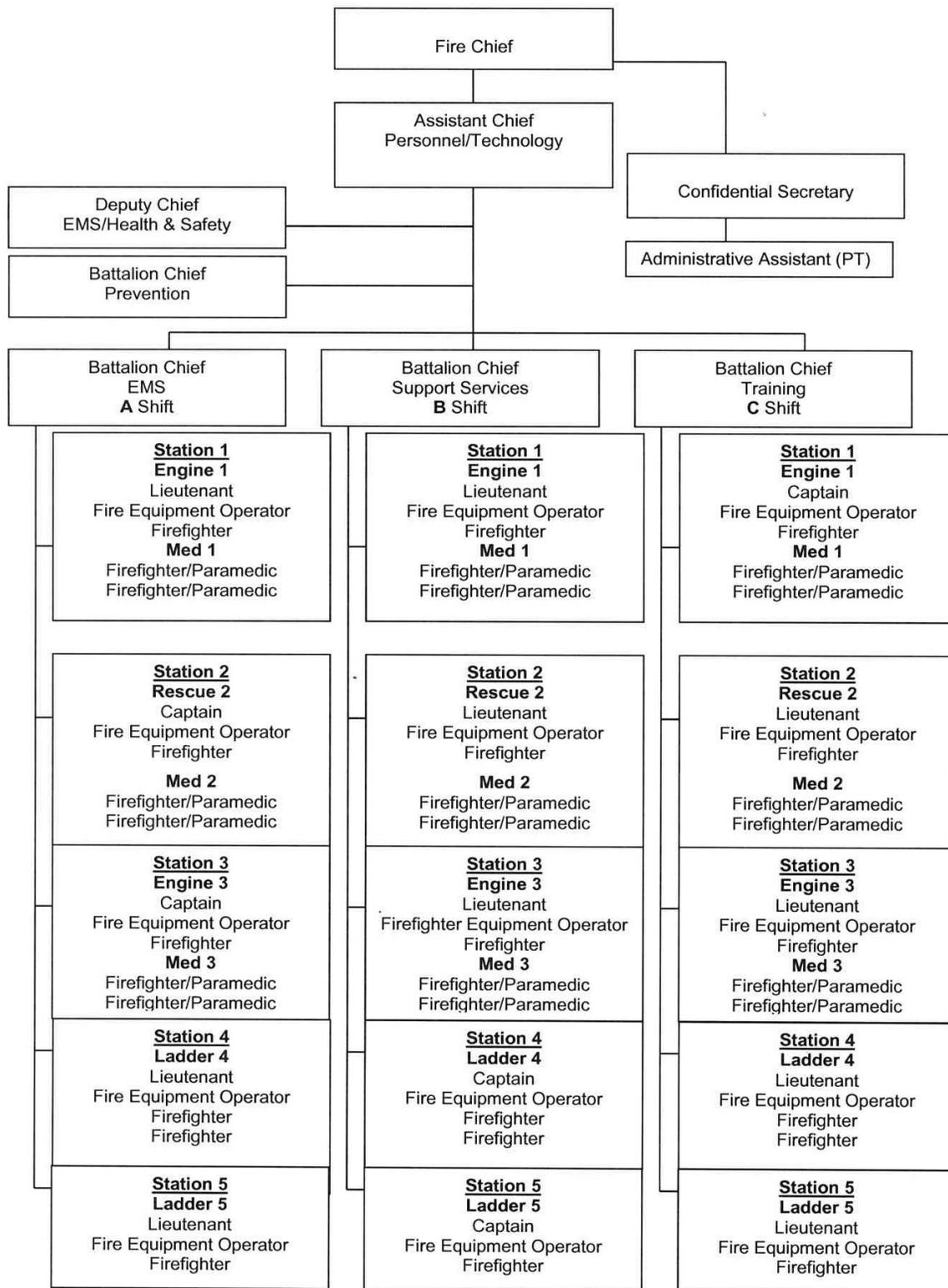


ADMINISTRATIVE ASSISTANT
JENNIFER ALBRIGHT



BATTALION CHIEF
ROBERT KOUMOUD

SHEBOYGAN FIRE DEPARTMENT
TABLE OF ORGANIZATION



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Detailed Breakdown by Incident Type		
INCIDENT TYPE	# INCIDENTS	% of TOTAL
111 - Building fire	69	1.34%
112 - Fires in structure other than in a building	1	0.02%
113 - Cooking fire, confined to container	20	0.39%
116 - Fuel burner/boiler malfunction, fire confined	1	0.02%
118 - Trash or rubbish fire, contained	3	0.06%
130 - Mobile property (vehicle) fire, other	1	0.02%
131 - Passenger vehicle fire	12	0.23%
142 - Brush or brush-and-grass mixture fire	3	0.06%
143 - Grass fire	3	0.06%
151 - Outside rubbish, trash or waste fire	3	0.06%
154 - Dumpster or other outside trash receptacle fire	3	0.06%
155 - Outside stationary compactor/compacted trash fire	1	0.02%
160 - Special outside fire, other	2	0.04%
162 - Outside equipment fire	4	0.08%
211 - Overpressure rupture of steam pipe or pipeline	1	0.02%
251 - Excessive heat, scorch burns with no ignition	7	0.14%
300 - Rescue, EMS incident, other	80	1.55%
311 - Medical assist, assist EMS crew	128	2.48%
320 - Emergency medical service, other	10	0.19%
321 - EMS call, excluding vehicle accident with injury	3496	67.74%
322 - Motor vehicle accident with injuries	147	2.85%
323 - Motor vehicle/pedestrian accident (MV Ped)	20	0.39%
324 - Motor vehicle accident with no injuries.	23	0.45%
331 - Lock-in (if lock out , use 511)	19	0.37%
341 - Search for person on land	3	0.06%
342 - Search for person in water	1	0.02%
350 - Extrication, rescue, other	2	0.04%
352 - Extrication of victim(s) from vehicle	7	0.14%
353 - Removal of victim(s) from stalled elevator	4	0.08%
357 - Extrication of victim(s) from machinery	1	0.02%
360 - Water & ice-related rescue, other	1	0.02%
381 - Rescue or EMS standby	16	0.31%
411 - Gasoline or other flammable liquid spill	27	0.52%
412 - Gas leak (natural gas or LPG)	33	0.64%
413 - Oil or other combustible liquid spill	11	0.21%
421 - Chemical hazard (no spill or leak)	2	0.04%
422 - Chemical spill or leak	16	0.31%
423 - Refrigeration leak	1	0.02%
424 - Carbon monoxide incident	15	0.29%
440 - Electrical wiring/equipment problem, other	4	0.08%
441 - Heat from short circuit (wiring), defective/worn	1	0.02%
442 - Overheated motor	8	0.16%
443 - Breakdown of light ballast	2	0.04%
444 - Power line down	8	0.16%
445 - Arcing, shorted electrical equipment	10	0.19%

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463 - Vehicle accident, general cleanup	2	0.04%
500 - Service Call, other	1	0.02%
511 - Lock-out	58	1.12%
520 - Water problem, other	3	0.06%
521 - Water evacuation	4	0.08%
522 - Water or steam leak	7	0.14%
531 - Smoke or odor removal	3	0.06%
542 - Animal rescue	13	0.25%
550 - Public service assistance, other	1	0.02%
551 - Assist police or other governmental agency	27	0.52%
552 - Police matter	16	0.31%
553 - Public service	106	2.05%
554 - Assist invalid	211	4.09%
555 - Defective elevator, no occupants	4	0.08%
561 - Unauthorized burning	70	1.36%
571 - Cover assignment, standby, moveup	1	0.02%
600 - Good intent call, other	46	0.89%
611 - Dispatched & cancelled en route	35	0.68%
621 - Wrong location	2	0.04%
622 - No incident found on arrival at dispatch address	10	0.19%
631 - Authorized controlled burning	20	0.39%
651 - Smoke scare, odor of smoke	9	0.17%
652 - Steam, vapor, fog or dust thought to be smoke	8	0.16%
661 - EMS call, party transported by non-fire agency	17	0.33%
671 - HazMat release investigation w/no HazMat	27	0.52%
700 - False alarm or false call, other	1	0.02%
713 - Telephone, malicious false alarm	1	0.02%
714 - Central station, malicious false alarm	11	0.21%
715 - Local alarm system, malicious false alarm	8	0.16%
731 - Sprinkler activation due to malfunction	24	0.47%
733 - Smoke detector activation due to malfunction	41	0.79%
734 - Heat detector activation due to malfunction	1	0.02%
735 - Alarm system sounded due to malfunction	39	0.76%
736 - CO detector activation due to malfunction	8	0.16%
741 - Sprinkler activation, no fire - unintentional	6	0.12%
742 - Extinguishing system activation	1	0.02%
743 - Smoke detector activation, no fire - unintentional	47	0.91%
744 - Detector activation, no fire - unintentional	5	0.10%
745 - Alarm system activation, no fire - unintentional	34	0.66%
746 - Carbon monoxide detector activation, no CO	2	0.04%
911 - Citizen complaint	1	0.02%
TOTAL INCIDENTS:	5161	100.00%



Smoke Alarms Save Lives

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Fire Station #1
833 New York Avenue
Engine 1
Med 1

Fire Station #2
2413 South 18th Street
Rescue 2
Med 2
Trench Rescue Trailer



Fire Station #3
1326 North 25th Street – Department Headquarters
Engine 3
Med 3
Battalion Chief Car

Fire Station #4
2622 North 15th Street
Ladder 4
Engine 6 (Reserve Engine)
Med 6 (Reserve Ambulance)



Fire Station #5
4504 South 18th Street
Ladder 5
Engine 7 (Reserve Engine)

Services Provided by the Sheboygan Fire Department

Fire Suppression and Rescue	Code Enforcement
Rope Rescue	Building Plan Review
Excavation Rescue	Fire Safety Training for Businesses
Confined Space Rescue	Medical Transports
Water/Ice Rescue	Public Service/Assistance
Automobile and Industrial Extrication	Hazardous Materials Response
Emergency Management	School Fire Safety Education
Advanced Life Support Response	Special Event Standby
Fire Safety Building Inspections	Fall Prevention Referrals
Smoke Alarm Installations	

Equipment, Facilities, and Vehicles Status Update

Equipment

- A complete set of battery-powered portable extrication tools was purchased. In addition, all preventative maintenance was performed on the rest of the department extrication equipment.
- All cardiac monitors received preventative maintenance.
- All patient moving equipment, stair chairs and power cots received preventative maintenance.
- Seven new sets of turnout gear were purchased.
- A new ventilation saw was purchased.

Apparatus

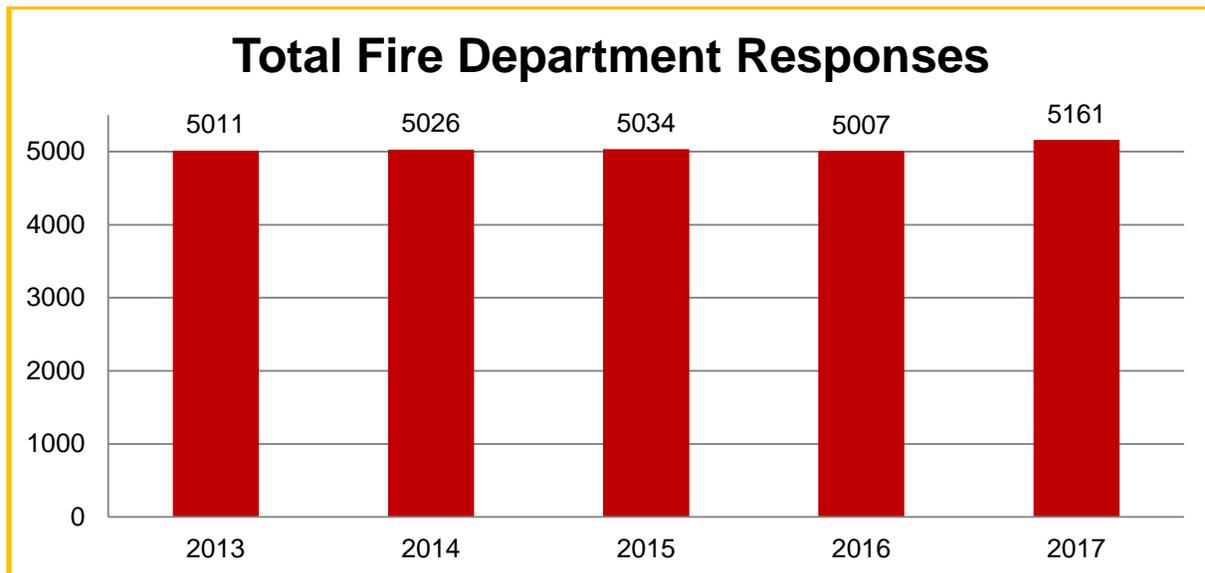
- A new pumper was ordered in 2017 and is scheduled for delivery in April 2018. This new pumper will replace the 1990 Pierce.
- A committee was formed and began planning for a new ladder truck to be ordered in 2018.
- The last of the three ambulances that were being remounted to new chassis was received and put into service in 2017. Each of these vehicles has had a vehicle router and wifi capable components added to them to provide wifi signal around the vehicles and to leverage a single data card rather than pay for individual data cards for each single piece of equipment. (Narcotic Safe, Lifepak 15 Heart Monitor, Toughbook computer for EMS Patient Care Records and other applications, and Mobile Data Terminal)
- All ladders and pumps were tested to industry standards.
- All department fire hoses were inspected and pressure tested.
- New tires were purchased for R2, L5, Battalion Chief Car, and L4.

Buildings

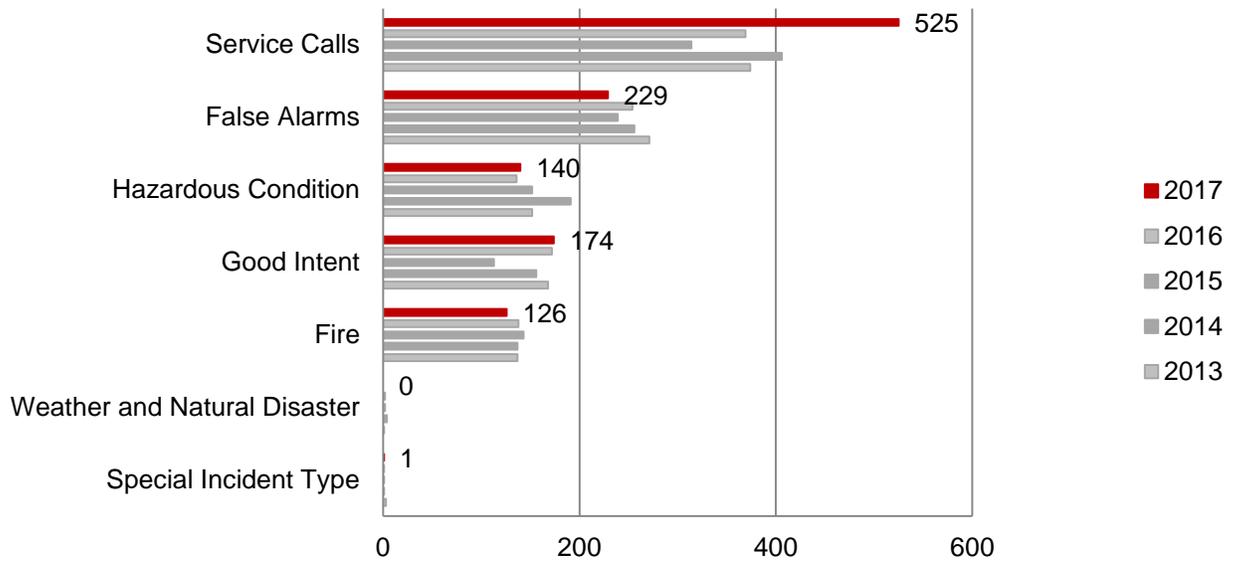
- Replaced some exterior doors at Stations #3 (1) and #4 (2)
- Knox Boxes were installed at each of the five fire stations. This is part of the MABAS system to allow outside agencies access to the fire stations to back fill with apparatus if necessary.
- Four new treadmills were purchased for the stations.
- A major renovation of Station #1 started in 2017 including the installation of an alarm system.
- Some concrete pad replacement work was performed at Station #4.
- Five new mattress sets were purchased replacing older ones.

Response Statistics

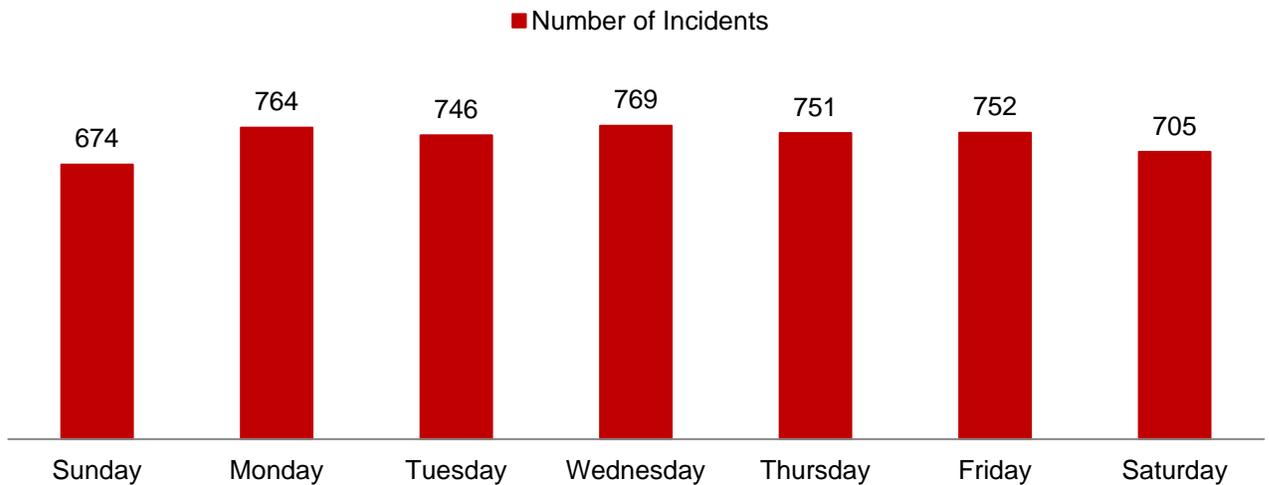
Total Number of Responses



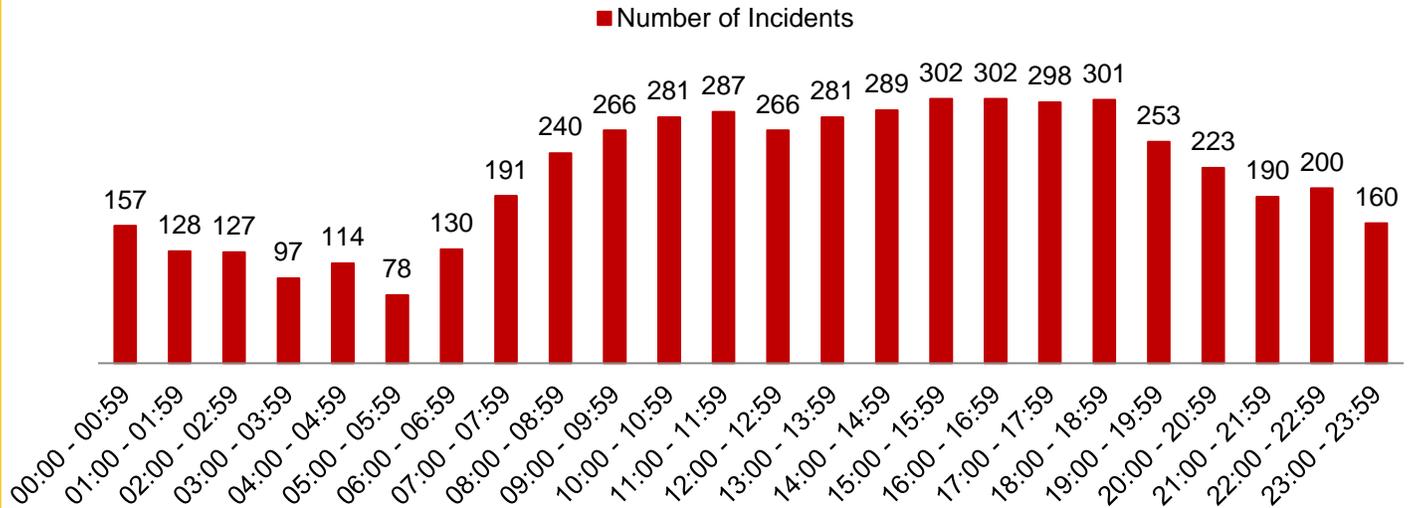
Types of Non EMS/Rescue Incidents



2017 Calls by Day of Week



2017 Incidents by Time of Day



The *Calls by Day of Week* and *Calls by Time of Day* graphs are indicators of when requests for the Fire Department occur in Sheboygan. While there are some patterns that are seen, these graphs match trends nationally overall and also indicate that requests happen at all times.

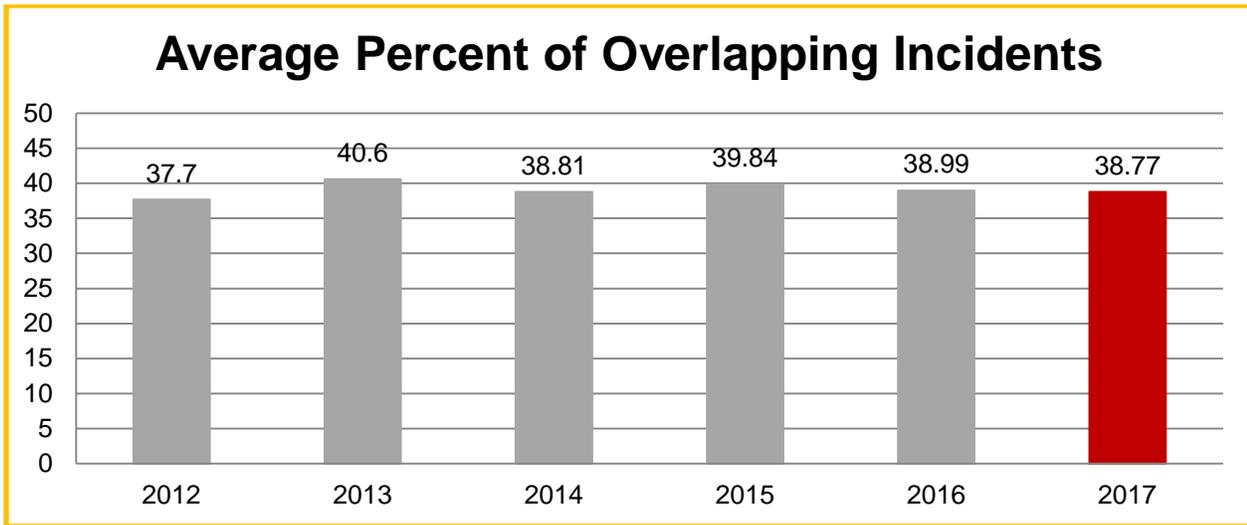
Mutual Aid Given/Received

	2012	2013	2014	2015	2016	2017
Incidents with Mutual Aid Received	5	7	5	5	4	1
Incidents with Mutual Aid Given	8	9	8	8	8	6
Other Responses Outside of City	5	20	26	19	21	45

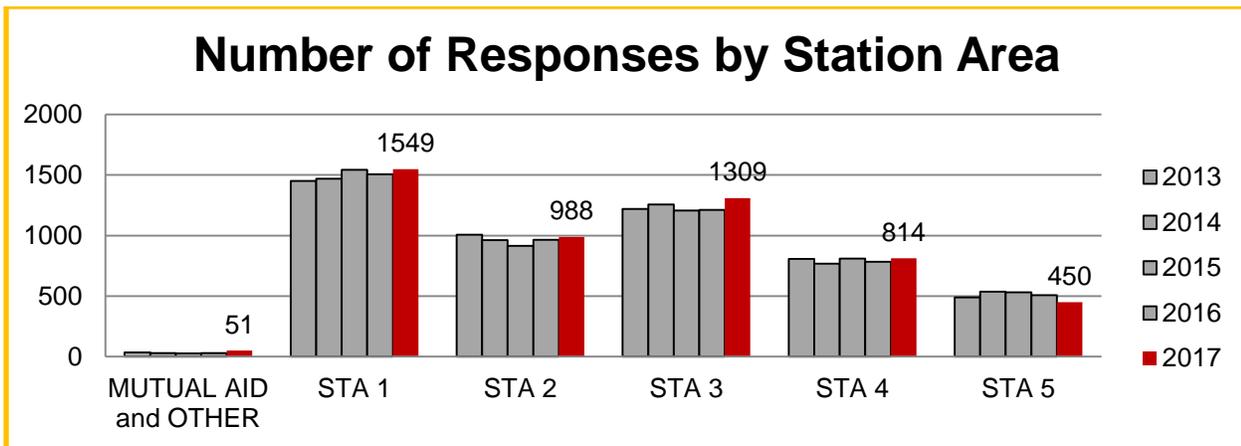
Fire Related Deaths

	2012	2013	2014	2015	2016	2017
Fire Deaths	0	1	1	0	1	0

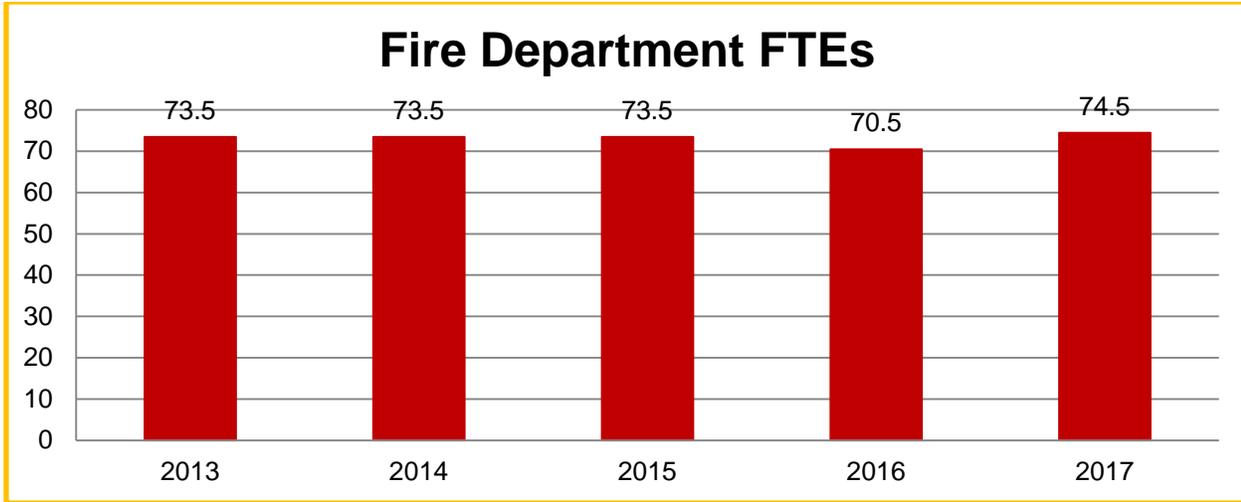
Concurrent Calls



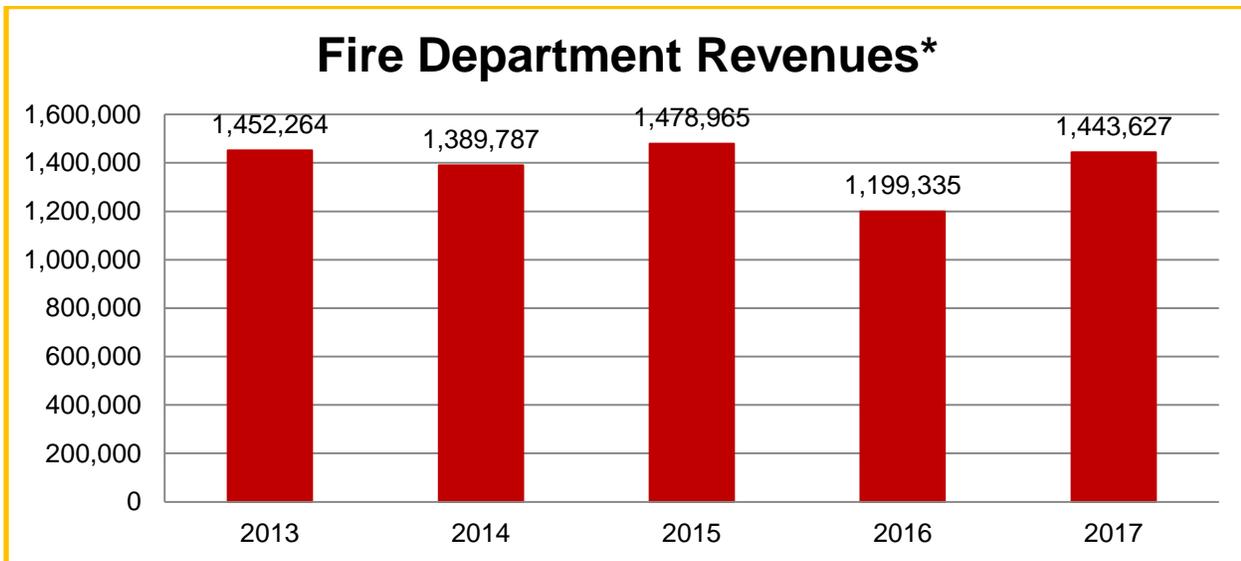
The measure of simultaneous calls represents the percentage of total call requests for the fire department while another call or multiple calls are already in progress. Generally speaking the call requests are random and in 2017 there was a slight decrease in concurrent calls from the previous year, but that decrease was insignificant and represented a relatively flat trend, which would suggest a relatively stable call volume overall.



The *Response Requests by Station Area* graph is the total number of incidents as divided by Fire Station Single Alarm response area as designated by the fire department. These response areas are established to maintain appropriate response times as set forth by the National Fire Protection Association (NFPA).



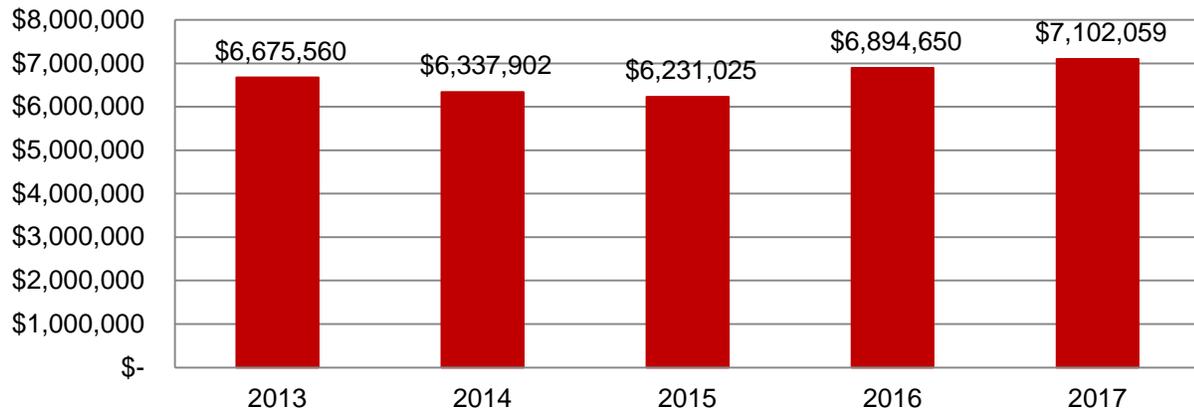
In 2017 the fire department added 3 firefighters back to the table of organization on the line to better staff fire department apparatus and also added an additional Battalion Chief, who in addition to being available for command response for incidents, will be primarily dedicated to the area of Fire Prevention. This area consists of public education, code enforcement, data gathering and analysis and a variety of other duties designed to reduce fire loss in the city of Sheboygan and create a safer community overall.



*From City of Sheboygan Finance Department

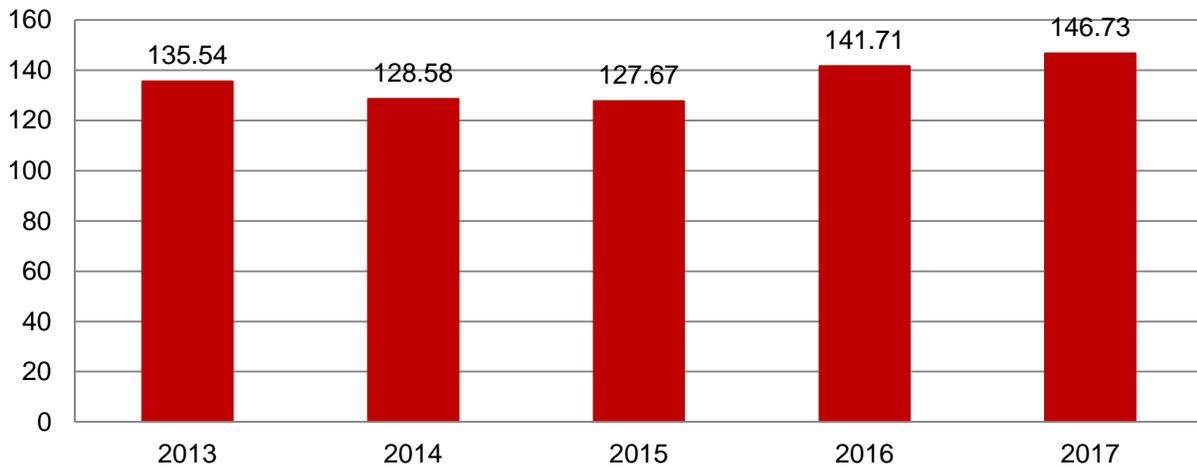
Fire department revenues come from a variety of sources. In addition to base funding from the City of Sheboygan budget, revenues also come from grants, EMS services, State of Wisconsin 2% funds for fire prevention, and other miscellaneous activities and donations. Outside revenues help to offset the direct cost of maintaining effective fire and EMS services to the taxpayer.

Fire Department Net Cost*



*Based on 2017 operating budget and department revenue. Does not include capital expenditures.

Fire and EMS Service Net Cost Per Capita*



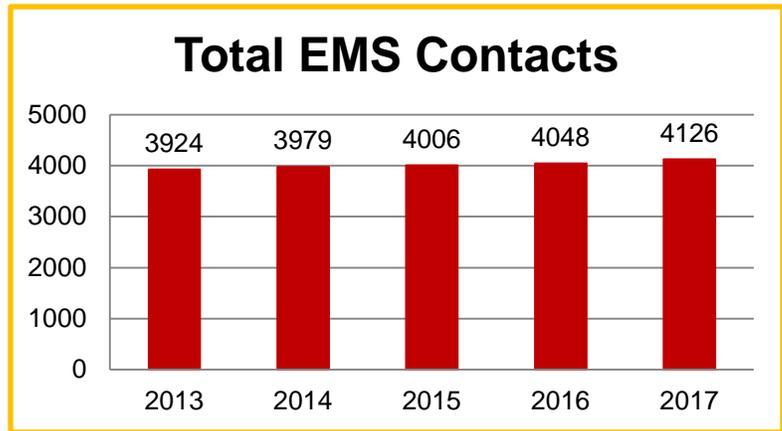
*Based on 2017 estimated population of 48,402.



Emergency Medical Services

The Sheboygan Fire Department has recently completed its tenth year of providing paramedic level EMS transport services to the citizens of Sheboygan in addition to the fire and rescue services it has provided for well over 100 years.

The Sheboygan Fire Department maintains a fleet of four ambulances for providing care and transport to the sick and injured. During the past 10 years the department has continued to provide a quality, consistent, and compassionate service to the community.



As a value-added service of the Fire Department, the revenues generated through the provision of the ambulance service aid in offsetting the cost of a effective and efficient fire department. This is done through the use of cross-trained personnel with a great deal of education and training and who are prepared to meet the emergency and non emergency needs of those it serves, whether it be a medical emergency, a fire, or another service need. Each ambulance vehicle also carries firefighting equipment for the firefighter/paramedics who staff those vehicles. This allows those personnel to also be able to respond to fires should they occur.

Recently, all four of the Fire Department ambulances have been refitted to new vehicle chassis to cost effectively provide service for many years to come. Each of these vehicles is now equipped with a liquid spring suspension system designed to provide a safer and more comfortable ride as well as state of the art medical and communications equipment.

The Sheboygan Fire Department is also interested in preventing injury that might cause need for someone to use an ambulance. As part of our injury prevention efforts, we have partnered with the Aging and Disability Resource Center (ADRC) in assisting with a referral program that provides for education and support from the ADRC for those who may need assistance or education about preventing falls in the home. When it is recognized through our contact, that a person might be in need of assistance or support, our crews will offer the referral and we will make contact with the ADRC to have them make contact with the individual and offer assistance. Our goal is to encourage every ambulance service in the county to provide this service and connection to the resources they need.

Year	Total Patient Contacts	Total Transports	No Transport Rate
2017	4126	3207	23%
2016	4048	3208	21%
2015	4006	3285	18%
2014	3979	3287	17%
2013	3924	3274	17%
2012	3584	2975	17%
2011	3036	2478	18%
2010	2830	2361	17%
2009	2679	2172	19%
2008	2727	2282	16%

Fire Prevention and Public Education

In an effort to reduce the loss of life, injury, and property loss in the City of Sheboygan, the Sheboygan Fire Department is dedicated to providing education to the public as part of its mission.



As the hazards presented to the public change, so will the program offerings to the public. It is the department's intent to keep the education of our firefighters current to better offer training to the public about the hazards faced by members of the public and how to better avoid them.

While it is a core mission of the Sheboygan Fire Department to respond to and mitigate incidents in the City of Sheboygan, it is also the department's mission to reduce the number and severity of those incidents by proper code development and

enforcement, effective and efficient response, and ongoing public education. It is through this continuous and comprehensive program of education that the department maintains a culture of safety in the community.

This general program area of public education is vital to the success of the fire department mission. The funding for the materials used for the school programs is largely generated through a program developed and operated by the National Fire Safety Council (NFSC). Each year, local businesses are solicited for donations toward the program by NFSC on the department's behalf and those funds are used by the department to purchase all of the fire prevention materials used in the public education programs delivered in the schools.

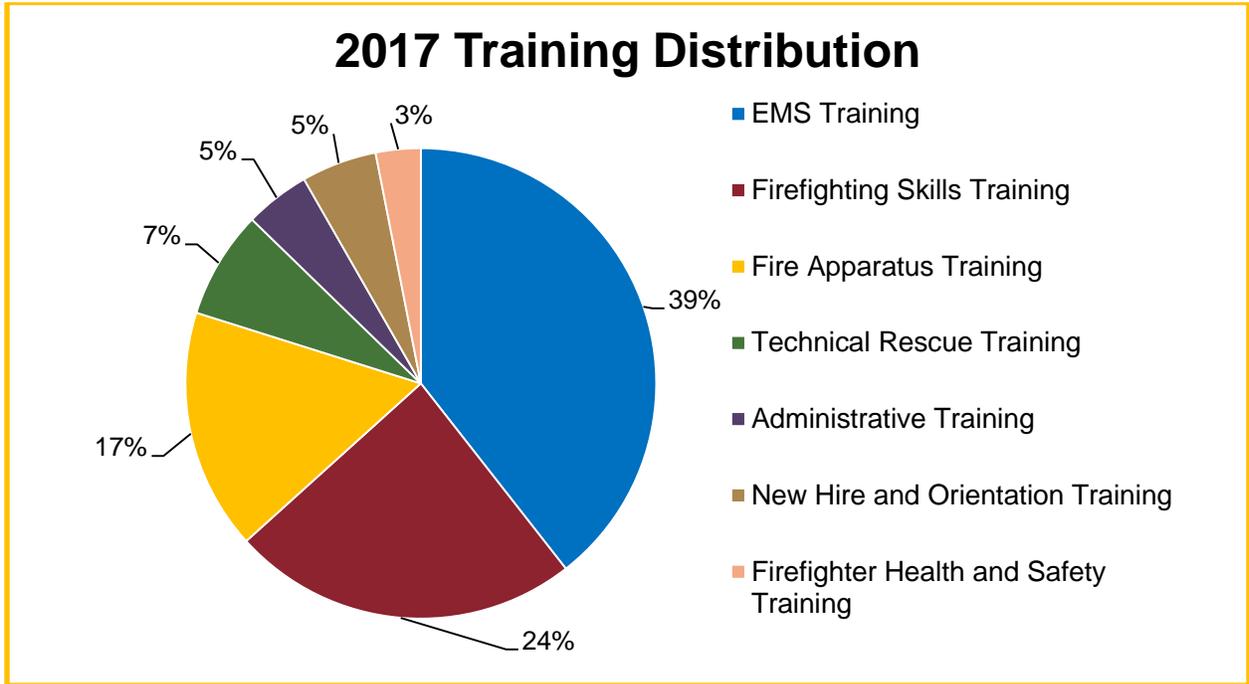


FAMILIES PARTICIPATE IN ACTIVITY GAME DESIGNED AND BUILT BY DEPARTMENT MEMBER

In 2017, the Sheboygan Fire Department began utilizing a new records management system module for performing fire inspections for buildings in the city. This software will provide a much better capability to the department to manage inspections from one year to the next. The Sheboygan Fire Department works closely with the Building Inspection Department in the city to assure that buildings are safe and up to NFPA 1 Fire Safety Code. In addition to safety compliance, annual fire inspections also serve as a way for firefighters to remain familiar with the buildings and business owners in their response areas which aids in properly protecting the owners interest in property and also public safety. The program also contains tools for developing pre-fire plans for a more safe, effective, and efficient response to a property should there be an emergency..

Training and Resource Development

The nature of the responsibilities of a fire department requires continuous training of its personnel to assure the best possible chance of a positive outcome when critical incidents occur. This is especially important when those events do not happen very often and you get one chance to get it right. Training and preparation is tailored to create effectiveness, efficiency, and safety when the fire department responds to incidents. The Sheboygan Fire Department provides for training of its employees through many different programs using a variety of methodologies that are designed to best meet the needs of the department both fiscally and operationally. Because of the inherent dangers present in the job, many of the training areas are statutorily mandated for the protection of both the employee and the citizens they serve.



CATEGORY	TOTAL HOURS
Emergency Medical Services Training	4680
Firefighting Skills Training	2833
Fire Apparatus Training	1965
Technical Rescue Training	879
Administrative Training	530
New Hire Training and Orientation	615
Firefighter Health and Safety Training	366
TOTAL TRAINING HOURS	11868



Retirements in 2017



**CAPTAIN
KEVIN ANHALT**

Promotions in 2017



**BATTALION CHIEF
ROBERT KOCMOUD**



**BATTALION CHIEF
PATRICK NICOLAUS**



**CAPTAIN
ROGER SAEGER**



**LIEUTENANT
JEFFERY SALZMAN**



**LIEUTENANT
MICHAEL LUBBERT**



**LIEUTENANT
NICHOLAS NOSTER**

New Employees



FIREFIGHTER/PARAMEDIC
BRYAN STEFANCIN



FIREFIGHTER/PARAMEDIC
MICHAEL D'AGOSTINO



FIREFIGHTER/PARAMEDIC
JOSEPH CULL



FIREFIGHTER/PARAMEDIC
MICHAEL TRUCKEY



FIREFIGHTER/PARAMEDIC
KEVIN SIEHR



FIREFIGHTER/PARAMEDIC
CHASE FRITSCH



FIREFIGHTER/PARAMEDIC
LAURA FEIDER

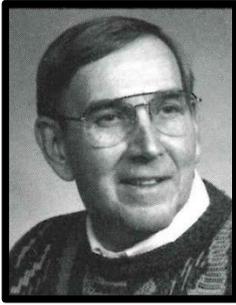
New Hire Training

When newly hired personnel enter the Sheboygan Fire Department, it is important for the department to get them up to speed and into their day-to-day positions as soon as possible. It is also critical to their performance and safety that they are properly familiarized with their assignments and how to perform them according to the standards and expectations of the department.

The training division of the fire department works diligently to assure that these new firefighters have all of the tools necessary to perform their jobs. New firefighters are given intensive department familiarization through a year-long probationary period that begins with 3 weeks of direct instruction on 8 hour days prior to moving on to the 24 hour duty rotation. They are issued gear, brought up to speed on pertinent policies and procedures, tested on their driving performance for ambulance vehicles, their medical care and their firefighting skills, and even tested on historical facts and background on the fire department. All of this helps to build a sense of team and family as a member of the Sheboygan Fire Department.

Everyone coming into the department has education, certifications, and licenses as a condition of hire, but it is up to the department to verify that information and skill set and to expand that knowledge with department-specific information related to their new employment prior to placing them in the field providing medical care and entering hazardous situations.

In Memoriam



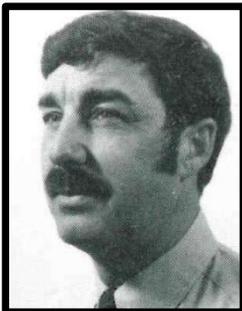
John Molitor

Born: 1934
Appointed: 1960
Retired: 1990
Retired as the Fire Chief
Returned to Quarters: 2017



Albert Steinpreis

Born: 1925
Appointed: 1949
Retired: 1985
Retired a Deputy Chief
Returned to Quarters: 2017



James Lastusky

Born: 1933
Appointed: 1960
Retired: 1989
Retired a Captain
Returned to Quarters: 2017

“What we do for ourselves dies with us. What we do for others and the world remains and is immortal.”

Albert Pine