

Milwaukee Fire Department



2013 Annual Report



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2013

Milwaukee

Fire

Department

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Message from the Chief



As I close my third year as Chief of the Milwaukee Fire Department (MFD), I reflect on progress made, innovation realized. The MFD remains a leader in the nation's fire service, and the men and women of the department take great pride in their work and enjoy serving the City as committed professionals.

This 2013 annual report will highlight statistics in typical categories such as response types and times, drilled-down budget figures, appointments and promotions, as well as provide a little background and "what goes on" in the five battalions, special (team) operations, and in our divisions, working hard behind the scenes. These statistics and stories are the framework of the MFD; the culmination of the dedicated front-line and behind-the-scenes work performed by our members. They will give the reader a brief glimpse into the everyday challenges and responsibilities the men and women of the department undertake with skill, compassion, and professionalism.

With community relations programs such as the Survive Alive House, which served over 12,000 in 2013, the distribution of nearly 1,700 smoke detectors through Project FOCUS, and sharing fire safety in a firehouse tour or at any of hundreds of community events, the City experienced the lowest number of fire deaths in its history. Although two is still too many, programs such as these exist with the hope that someday it will be zero.

We welcomed twenty-six additional young men and women into our Fire Cadet Program which brought the total to thirty-nine. Some of their most enriching experiences come from assisting with community outreach, such as Project Staying Alive and the Survive Alive House. This Fire Cadet Program serves as a vital link to the community, developing these young adults into diversely talented paramedic-trained firefighters with a healthy background in community service and "giving back."

Beyond education, the Milwaukee Fire Department's promise to the citizens of and visitors to our city is to protect them and their property by providing rapid and professional fire and emergency medical service. Members are continuously training in order to meet this promise; training 145,554 hours in 2013 alone. Over and above required training, the department collaborates with outside educational entities to

provide the MFD's Professional Development Program. This program features an educational track for our future officers, providing them with the skills and knowledge to succeed in supervisory positions on the MFD; all facilitated by our own Training Academy.

Communication and technology affect every aspect of our service. The dedicated members of the Technical Services Division continue to investigate, test, and upgrade radios, computers, software, etc., to ensure effectiveness and efficiency. The Construction and Maintenance Division keeps 36 firehouses in repair and 156 apparatus (engines, trucks, rescue vehicles, and special equipment) ready for that next emergency. This behind-the-scenes work is an integral part of the effectiveness of the firefighters in the forefront.

Safety, always a priority, was enhanced in 2013 by a heightened focus on employee health through IAFF/IAFC wellness and fitness initiatives, firehouse interval training (FIT) camps, and implementing standardized fitness equipment in all firehouses. Maintaining physical fitness by providing extensive fitness opportunities along with annual physicals and various mental health resources is a testament to the importance the MFD places on members' overall well-being. All sworn members are provided annual physicals in accordance with NFPA 1582 standards which can aid in discovering hidden health problems before they become severe.

Health initiatives included partnering with the University of Wisconsin-Milwaukee in injury prevention research. As a result, injury claims were reduced from 2012 by 18% and total lost time claims by 29%. The newest members reap the benefits of new functional fitness training and education programs. The health and safety area of the department continues to grow and develop with innovative ways to focus on improving the overall mental and physical health of our members.

When the MFD is called to an emergency scene, we know we will be dealing with people who are having very traumatic experiences and our goal is to skillfully treat each and every one of them with respect, compassion, and dignity. We continuously emphasize that our department's culture must be one of excellent customer service. 2013, as with every year, offers a fresh opportunity to review accomplishments and learn from failures, gaining new enthusiasm for what comes next, and providing a blank slate for a new and innovative future. This department has a great legacy, and the men and women of the department today will continue the proud tradition of offering their best!

On behalf of the men and women of the Milwaukee Fire Department, I thank the City of Milwaukee Mayor Tom Barrett, the Common Council, the Fire and Police Commission, and the citizens for their continued support of our department; a department that continues to evolve, focusing on how best to serve the community with expertly trained and healthy firefighters, ready to serve at a moment's notice.

Sincerely,

A handwritten signature in black ink, reading "Mark Rohlfing". The signature is fluid and cursive, with the first name "Mark" and last name "Rohlfing" clearly distinguishable.

MARK ROHLFING

Chief

Message from the Mayor



GREETINGS!

Public safety is a top priority for the City of Milwaukee. It is important that our citizens look to local government as a safe haven and a means to feel protected.

The Milwaukee Fire Department continues to perform as one of the premier fire departments in the country, serving the City of Milwaukee effectively and efficiently. With a focus on extensive training, personnel health and well-being, state-of-the-art technology, and community outreach, the department and its dedicated personnel have proven themselves an essential component in keeping our neighborhoods healthy and safe.

More than 145,000 hours of in-house and on-duty training was administered to personnel in 2013, ensuring members of the department are educated with the most up-to-date information, processes and safety measures. Comprehensive training kept the 2013 fire-related fatalities to a record low of two.

Community outreach plays a crucial role in the Fire Department's efforts to prevent fires and reduce fatalities. The Survive Alive House, one of the department's longest running programs, educated more than 12,000 citizens this year and firefighters installed 1,700 smoke detectors in residential properties through the Firefighters Out Creating Urban Safety (FOCUS) program.

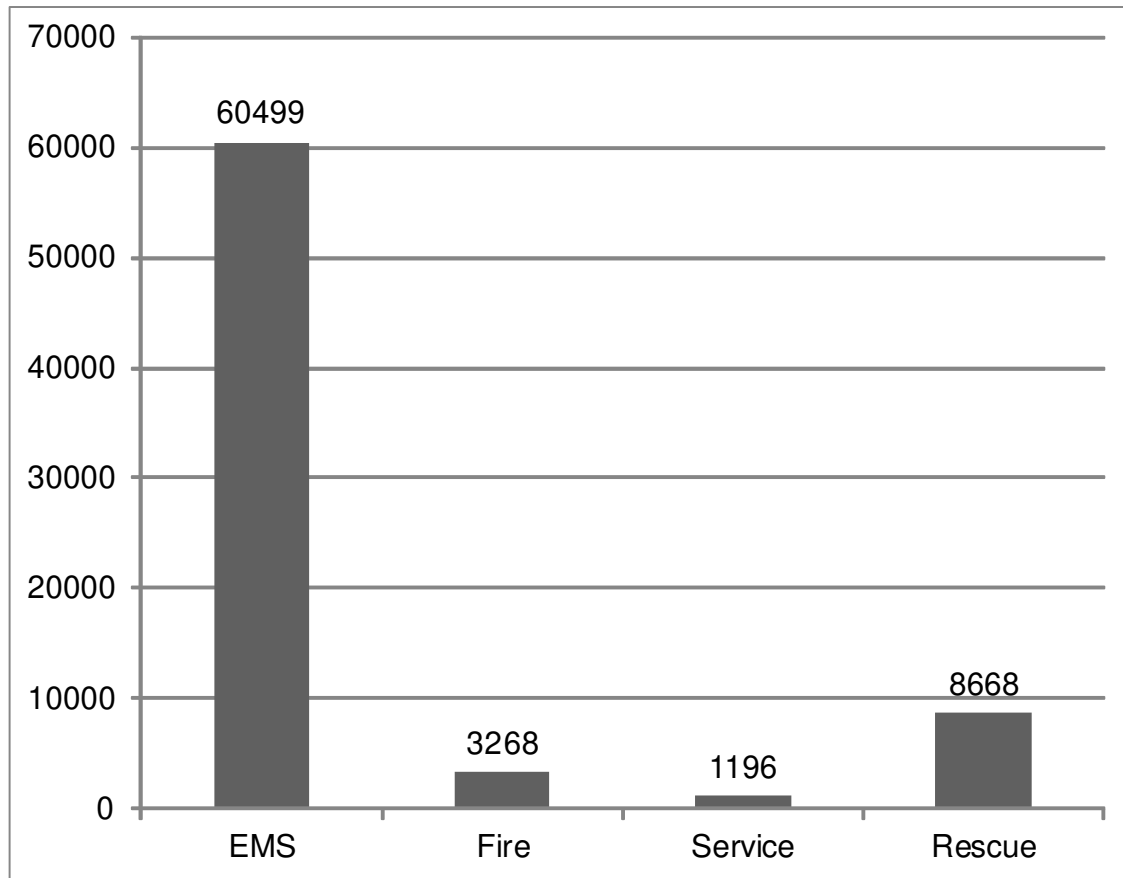
I commend the Milwaukee Fire Department for its commitment to ensuring the health and safety of our community. I sincerely thank the brave men and women who passionately provide the best service to our citizens and go beyond the call of duty.

Sincerely,

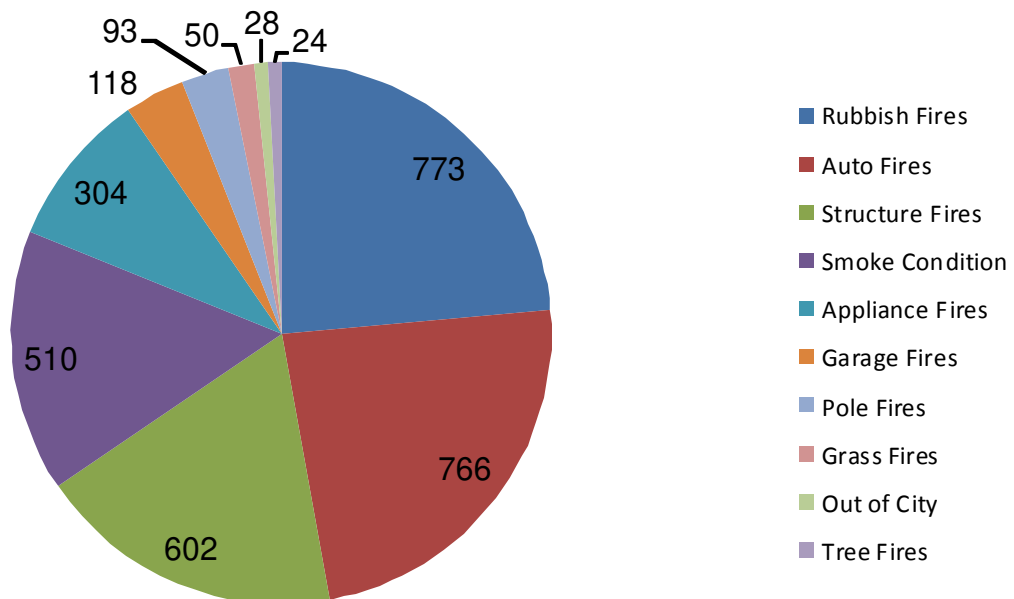
Tom Barrett
Mayor

Quick Stats

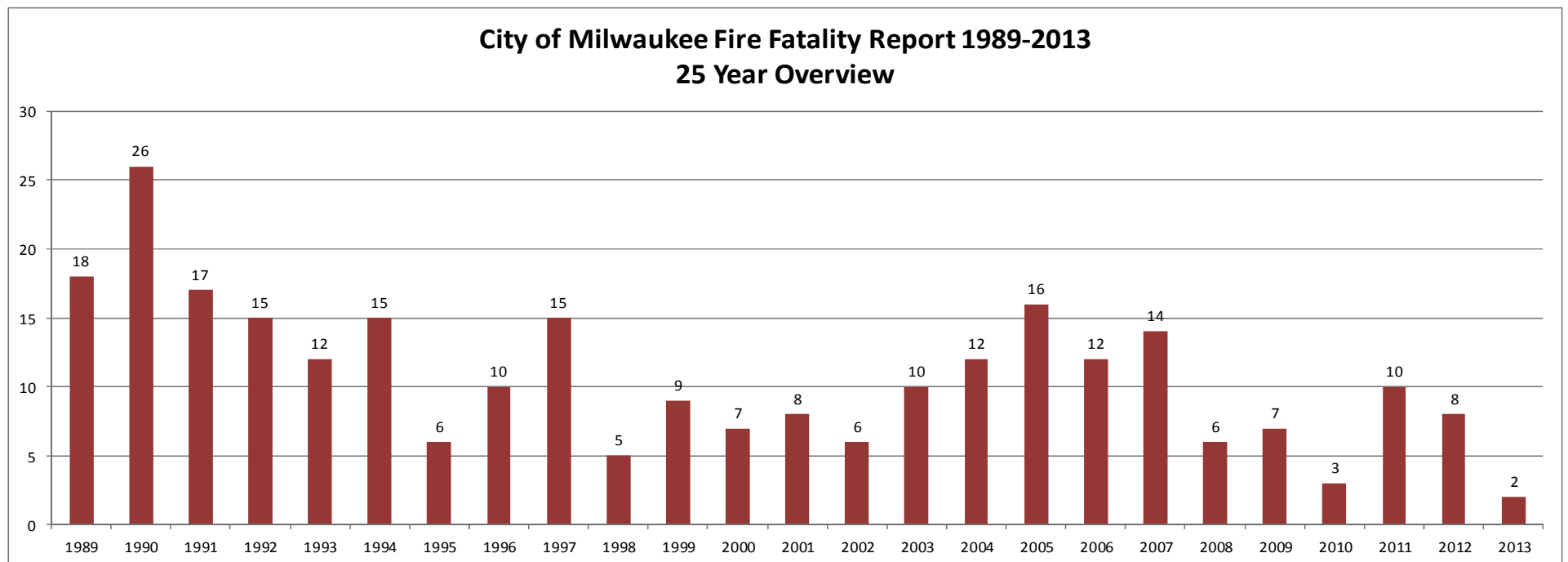
Response Breakdown



Fire Responses by Type



Milwaukee Fire Department



Quick Stats

Adopted Budget

Total Positions Authorized	1027
Operating Expenditures (including salaries, wages, and fringe benefits)	\$104,722,755
Equipment/Special Funds	\$828,037
TOTAL:	\$105,550,792
Revenues (Charges for Service)	\$5,909,296
TOTAL BUDGET:	\$111,460,088

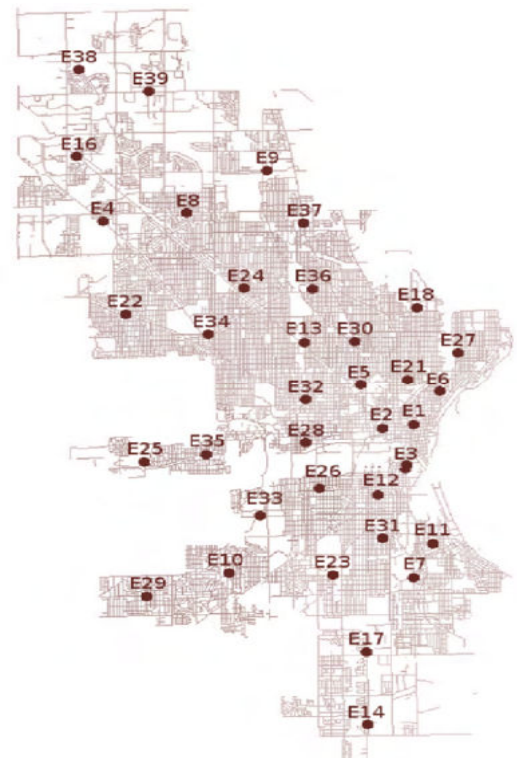
Department Statistics

Personnel (actual)	950
Sworn Personnel	839
Civilian Personnel	111
Service Area	96.12 Sq. Mi.
Population	594,833

2013 Annual Run Totals

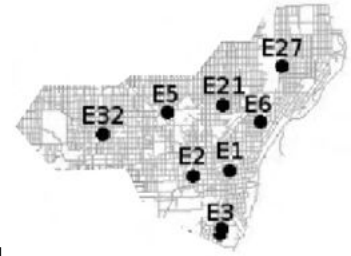
Engines				
UNIT	ALS	BLS	FIRE	TOTAL
E01	344	590	449	1,383
E02	672	868	441	1,982
E04	569	469	200	1,265
E05	765	790	434	1,989
E06	511	729	491	1,731
E07	365	517	277	1,159
E08	1,402	1,381	672	3,456
E09	626	641	434	1,701
E10	361	389	175	925
E11	162	202	109	473
E12	917	1,238	475	2,630
E13	1,757	1,830	752	4,340
E14	350	32	121	791
E16	469	465	357	1,291
E17	456	649	275	1,380
E18	959	932	427	2,318
E21	670	715	398	1,783
E22	760	819	369	1,948
E23	307	399	158	864
E24	1,240	1,503	630	3,373
E25	103	174	151	428
E26	1,055	1,317	455	2,827
E27	211	319	161	691
E28	959	1,088	591	2,639
E29	344	508	127	980
E30	1,597	1,747	566	3,910
E31	809	1,009	435	2,253
E32	1,174	1,379	538	3,092
E33	449	769	337	1,555
E34	1,078	1,156	537	2,771
E35	45	63	11	119
E36	1,447	1,431	632	3,512
E37	859	979	302	2,140
E38	438	484	234	1,157
E39	707	841	333	1,884

Battalion Chiefs				
UNIT	ALS	BLS	FIRE	TOTAL
B1	48	16	1,078	1,142
B2	57	19	1,031	1,107
B3	18	13	521	552
B4	20	18	426	464
B5	9	10	378	397



Trucks				
UNIT	ALS	BLS	FIRE	TOTAL
L01	158	257	478	893
L02	164	153	1,201	1,518
L03	528	560	961	2,049
L05	250	321	836	1,407
L06	197	228	366	791
L07	135	150	710	995
L08	42	36	233	331
L09	582	514	1,352	2,448
L11/RESC1	142	147	975	1,264
L12	423	372	1,355	2,150
L13/RESC2	242	238	1,539	2,019
L14	387	523	543	1,453
L15	547	659	1,073	2,279
L16	275	321	440	1,036
L17	250	268	360	878

The first battalion is an eclectic mix of mansions on North Lake Drive, rehabilitation projects and new construction on the near north side, high-rise offices, apartments, and condominiums in the downtown area, and buildings over a century old in the Third Ward. With this diverse population and occupancy the members of the Milwaukee Fire Department who staff the eight firehouses in the battalion work hard to serve each individual need – both in preventing the necessity for an emergency call, and to responding quickly to emergencies that arise.



2013 saw many opportunities to work with downtown businesses in mutually beneficial ways. We met with safety teams and management to familiarize ourselves with their structures and fire suppression systems, and also to provide input on their emergency evacuation plans. These pre-fire plans range from the Harley-Davidson museum and their need to protect rare and one of a kind artifacts to the multi-building campus of Northwestern Mutual Life (NML) and their “city within a city.” NML also gave the Milwaukee Fire and Police Departments an opportunity to use the building they are “deconstructing” for an “active shooter” drill; taking steps to prepare for an incident in which an individual is actively engaged in killing or

attempting to kill people in a confined and populated area. None of us want to think about such a horrific event, but our job requires being ready for worst-case scenarios.

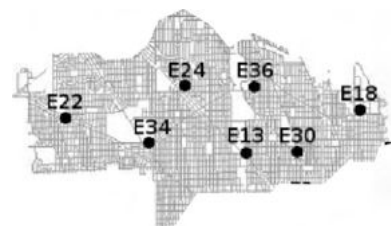
Crews in the first battalion have taken part in many community events such as chili cook-offs, auctioned off firehouse dinners, and participated in neighborhood clean-ups in an effort to reach out to citizens beyond the realm of our professional services. In an auction for St. Marcus Lutheran School two dinners were auctioned off, reaching a donation of \$1,100 for each.

The winners of these dinners and their guests were treated to an evening at the firehouse including a tour, learning what a day in the life of a firefighter is like, and a full firehouse feast.

This past summer saw the 110th Anniversary of Harley-Davidson. Preparations to provide a safe and enjoyable time to all visitors began early in the year. Meetings with Harley-Davidson and the department served to ensure that with over 100,000 participating in the various events, there would be accessibility for rigs and equipment should an emergency arise. The event took place with no major incidents and that is due in no small part to the cooperative planning that took place beforehand.

With a population that grows with the daily workforce and the visitors to conventions and festivals, the first battalion of the Milwaukee Fire Department is ever-vigilant in its effort to serve and protect residents, the workforce, and tourists alike, with professional, expedient service.

The second battalion encompasses the near north side of Milwaukee, from Golden Valley and Kops Park to the Riverwest neighborhood. Emergency response companies come from seven fire stations housing a total of 12 emergency vehicles (seven engines, one truck, one rescue unit, two MED units, and one Battalion Chief). The second battalion responds to a large number of the City's emergency calls for fire, rescue, and medical services due to a high concentration of aging homes, a low percentage of owner-occupied homes, and a high level of poverty in the area.

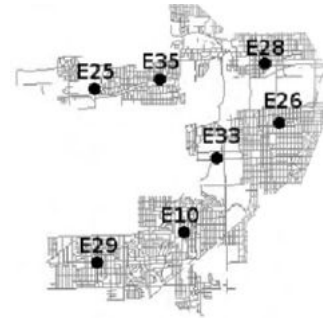


Rescue 2, stationed with Engine 24 on West Fiebrantz Avenue, is a component of the Milwaukee Fire Department's Heavy Urban Rescue Team and operates daily with five firefighters specially trained in the disciplines of search and rescue, extrication, structural collapse, and high/low angle rope rescue. Rescue 2's main function is to respond to varied emergencies throughout the city as a "Rescue Company" with an extensive compliment of distinctive tools for atypical search and rescue operations. In 2013, Rescue 2 trained daily with this specialized equipment to maintain the highest degree of proficiency and readiness. Ambulance 1, stationed at Engine 13's quarters on North 30th Street, was decommissioned in 2013. Ambulance 1 was primarily used for BLS responses and for Battalion Chief aide functions at fires and large-scale emergencies.

The companies of Battalion 2 continued to show their investment in the community in 2013 by actively participating in numerous public relations events and programs. For the second year in a row members of Battalion 2 teamed up with NBA star Devin Harris at the Parklawn YMCA for a Thanksgiving turkey giveaway, and a Christmas coat/toy giveaway to benefit families in the community. These and many other available opportunities were utilized to educate families and children on the importance of smoke detectors, fire safety, fire prevention, and general health and wellness. It is a continual goal that through education and community service involvement the members of Battalion 2 will have a positive impact on the community in both emergent and non-emergent settings and ultimately impact lives in a positive way.



The third battalion serves the southwest area of Milwaukee which encompasses approximately 20 square miles and a population of 100,000. Battalion 3 protects a diverse area of industrial, residential, and commercial properties. Seven fire stations provide fire and emergency medical services to the battalion.



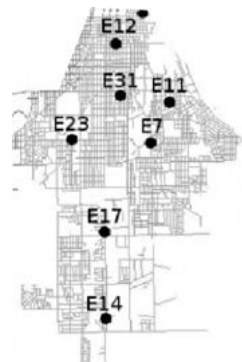
In 2013, companies in the third battalion responded to over 19,000 calls, with MED 3 being the busiest with 3,052.

The Milwaukee Fire Department has entered into what is called "shared services," described as Milwaukee Fire Department units and suburban fire department units responding across municipal borders to assist each other. Mutual aid among fire departments has been common for many years, but what makes shared services unique is that Milwaukee County fire resources are now responding across borders on the initial alarms. Battalion 3's area is bordered by the cities of Greenfield, West Allis and Wauwatosa. We responded to 14 suburban shared services calls. Battalion 3, through contracted services, also protects the city of West Milwaukee.

Members of Battalion 3 show pride in the neighborhoods they serve by participating in numerous community service events. Most of the fire stations in this battalion participate in annual 4th of July parades and festivities. Engine 33 and the Battalion 3 Chief participated in the West Milwaukee "National Night Out," an event that showcases protective services and community education. Engine 33 and Truck 16 participated in "Reclaiming Our Heritage" at the Veterans' Administration Center the first weekend in June. All of our fire companies are involved in local block parties and fire apparatus exhibits.



The fourth battalion proudly provides emergency services to the southeast side of Milwaukee with boundaries from the south end of downtown on the north, to the city limits on the south, and from roughly 27th Street on the west and Lake Michigan to the east. (Parts of the 8th, 11th, 12th, 13th and 14th Aldermanic Districts.)



This area includes several of Milwaukee's most historic neighborhoods including Walker's Point, Bay View, and Town of Lake. Within these boundaries are several neighborhood commercial strips including Mitchell Street, Lincoln Avenue, and Kinnickinnic Avenue surrounded by a variety of duplexes, cottages, ranch homes, occasional high rise dwellings, and numerous factories.

The fourth battalion consists of about 150 men and women assigned to seven engine companies, three truck companies, two paramedic units, a Battalion Chief, and the Heavy Urban Rescue Team. Fourth battalion companies perform daily training, inspections, and smoke detector installations in order to serve Milwaukee's citizens efficiently, effectively, and most importantly, safely.



Several entities within the fourth battalion provide special challenges to firefighters and rescuers including the Port of Milwaukee with its ship, rail, and truck traffic, Mitchell International Airport, the Milwaukee Sewerage Treatment Plant, the Kinnickinnic River, and Lake Michigan. Training evolutions include proficiency with apparatus, tools, and

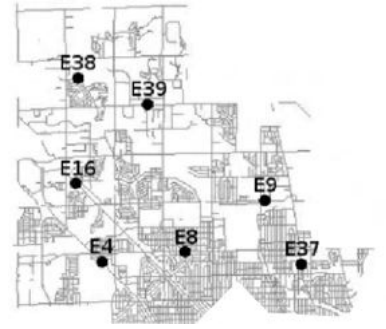
equipment, but also involve interaction with the aforementioned agencies. Companies in the fourth battalion, through shared services, developed a connection with the cities of St. Francis, Cudahy, and Oak Creek.

The fourth battalion is also proud of its strong connections with southside communities including its special bonds with local schools where numerous aerial demonstrations are conducted. Fourth battalion companies share fire safety and enjoy the community at block parties, picnics, and special events, most notably the 4th of July and South Shore Water Frolic parades. Fourth battalion companies also enthusiastically collected several thousand dollars for the “Coats for Kids” charity.

In 2013, companies of the fourth battalion responded to thousands of emergencies including house fires, vehicle accidents, water rescues, industrial accidents, and the gamut of in home medical calls, in a competent and professional manner. One incident that stands out occurred at South 2nd Street and West Oklahoma Avenue, where a citizen fell over a bridge railing 20+ feet onto working railroad tracks below. Steps had to be taken to notify the railroad to halt traffic and police were called to close off Oklahoma Avenue. Due to steep, heavily wooded embankments flanking the tracks, access was impeded and a system of ropes was used to lower equipment and personnel. The uneven terrain consisting of railroad ties and loose ballasts also created challenges. The patient was assessed, immobilized by paramedics, and raised to the bridge by the Heavy Urban Rescue Team using a Stokes basket and “one point suspension.” In a relatively short period of time street traffic was flowing, trains continued their run, and the patient was stabilized in a local hospital. Companies picked up equipment, debriefed, and were soon ready for their next challenge. The training, interagency cooperation, and professionalism of the men and women of the fourth battalion paid off once again.



The fifth battalion, challenged by the diverse nature of the area it encompasses, continues to address these challenges in diligent fashion. The fifth battalion contains industrial parks, large companies, suburban-type residential subdivisions, traditional urban neighborhoods, and many high life-hazard occupancies, such as nursing homes, schools, and churches.



Community services such as smoke detector installation, pre-fire planning, and exit drills continue to be a regular part of the work days.

The Park Place office buildings, Coca Cola bottling plant, and the Tank Farm are just a few of the facilities we've interacted with from a fire safety standpoint. Partnering with these businesses, and the many chemical manufacturing companies in the battalion, is a vital part of addressing community needs and preventing catastrophic events.

Through shared services the fifth battalion has responded to a number of structure fires and other incidents in the North Shore, and the cities of Menomonee Falls and Wauwatosa, among others. While there is sure to be a learning curve for this unique shared services program, we have grown in leaps and bounds in basic areas such as communication capabilities, and incident command system integration and equipment familiarization, just to name a few.

As we head into 2014, our goal is to continue to cultivate our partnerships with the residents and businesses as well as our working relationship with fire departments north and west of the City of Milwaukee.



Special Operations Division

The Milwaukee Fire Department Special Operations Division continues to provide planning and logistical support for events throughout the city as well as respond to specialized emergencies. Special Operations is the “specialized rescue” division of the department, is intricately involved in homeland security activities, and is currently comprised of the Hazardous Materials Team (HazMat), Dive Rescue Team, Boat Pilots, Heavy Urban Rescue Team (HURT), Fire Investigation Unit (FIU), and Incident Command Post (ICP).

Hazardous Materials Response Team

The Milwaukee Fire Department Hazardous Materials Team continues to respond to all hazardous materials incidents and spills in the City of Milwaukee as well as larger or specialized events outside the city limits. The new State of Wisconsin operating system has eliminated the old “regional team” concept. Our new role is that of a Type I (or Tier I) team. There are only two such designated teams in Wisconsin.

HazMat Highlights

- The team actively participated in forming the operating guidelines of the new state system having influence on the functioning and monitoring of all participating agencies.
- Specific training on plume modeling, remote monitoring, and use of Hazmat software have all been emphasized to remain a leader in HazMat technology. As we continue to acquire meters and equipment, sometimes at great cost, our newly created management system will help us not only account for the readiness of said equipment, but to maintain it properly and track when repairs or maintenance is needed.
- Monthly training through lectures, guest speakers, trainers, and hands-on exercises (including mock incidents) has, by all accounts, been upgraded substantially over past years while substantially decreasing training expenses. We have evolved from traditional “training committees” in favor of smaller groups, involving more members in the creative process.
- Challenged to train with private industry, we have had successful sessions with the FBI, Milwaukee Health Department, the cities of Sussex, Wales, and Hartford, the Materion Corporation, and Klemm Tank Lines.
- The team has taken an active role in internal department -wide monthly training by creating videos helpful to all responders in handling hazardous materials.
- This past year we have provided phone advice to many private industry companies as well as phone or in-person assistance to neighboring communities such as Cudahy, South Milwaukee, Wauwatosa, Greenfield, and St. Francis. The fact that these community leaders/responders continue to seek our input speaks volumes about the capability and willingness of Milwaukee HazMat to provide such assistance.
- We have fully changed over our Hazmat reporting system to the statewide E-Sponder system complying with this mandatory requirement.



Marine Operations

Milwaukee Fire Department Marine Operations is grouped into three major components: marine firefighting, marine rescue operations, and search and recovery. Fireboat pilots and the Dive Rescue Team support the mission.



Fireboat Highlights

- Fireboat Trident was established as the forward operations base coordinating interagency communications with the United States Coast Guard, Flight for Life, Harbor Patrol, Milwaukee Police Department, Milwaukee County Sheriff's Marine Division, and Milwaukee Fire Department Dive Team.
- We participated in the successful response and recovery of near drowning victim that had fallen from the Daniel Hoan Bridge on April 1.
- Continued coordination with MFD Dive Team on the development and implementation of a Southeast Wisconsin Sonar Search and Recovery Unit.





of entering the water; unfortunately, he died despite minimal time under the water and rapid ALS intervention.

Highlighting these three incidents in no way diminishes all of the other responses logged by the team. Team members worked together to mitigate incidents and manage risk; resulting in successes and zero duty injuries sustained during any of our team responses.

Dive Rescue Team

The Dive Team logged 37 runs for year 2013 with only nine false alarms. The team rescued/assisted seven individuals and recovered eight bodies; responded nine times for automobiles in the water, and three times for surface ice operations. Our busiest months were July and August each with 9 runs, our slowest were October and December with one run each, and no runs in May and November.

The majority of runs were in the Milwaukee River, 14 in total, followed by nine runs in the Kinnickinnic River, and five in Lake Michigan. We also responded to the Menomonee River, Lincoln Creek, and various ponds in the city. We had one out of city sonar response.

Three incidents stand out for 2013. First was a female jumper off the Hoan Bridge who survived and was found clinging to the south bank of the river. A team member entered the water, swam across in minutes reaching the woman, and kept her from going under water. Second was our response to the plane crash. Fireboat Trident was first to arrive on scene of an airplane crash on July 27 in Lake Michigan. Team members proceeded to locate the debris field and pinpoint the crash site putting divers within 10 feet of their target. This facilitated a rapid dive and recovery response. Our divers did a phenomenal job, under difficult conditions, to locate and recover two victims. Third was an incident in the Milwaukee River at the Lakefront Brewery. A young man went under the water while swimming and failed to surface. After securing an excellent last-scene point, divers were able to recover the man within minutes

Dive Highlights

- Four team members attended Public Safety Scuba Instructor (PSSI) class in spring; one member received full certification and the remaining three require additional training to finalize certification.
- Five Team members attended sector scan sonar training in spring.
- We hosted a Dive Rescue International class certification for MED diver. Several of our members attended along with Milwaukee Police Dive Team members and public safety divers from surrounding communities.
- All of the above training was financed through Port Security Grants (PSG). As a result of decreased budgetary funding, no additional training certifications were obtained by our members outside of the PSG-funded training.



Heavy Urban Rescue Team

The primary responsibility of the Heavy Urban Rescue Team (HURT) is to provide emergency service at a very high level of specific expertise. This is accomplished by training tirelessly to both maintain the skills of current members and also to develop new members. In 2013 the HURT added three fully-trained members to the roster and have two additional members who will complete their training early in 2014. These five members will allow the HURT to continue to operate with a roster of approximately 75 as they take the place of past members lost to the team through retirement, promotion, or other forms of attrition.

2013 was an active year for the HURT. It was the second year operating out of two fire stations; 24's and 12's. It was also the second year of the HURT staffing two front-line rescue companies, Rescue 1 on the southside, and Rescue 2 on the northside. This arrangement continues to pay dividends for the department and the citizenry of the city. The rescue companies provide additional staffing, expertise, and equipment at challenging incidents including structure fires, auto extrications, and special team responses. Dividing the team between two stations also has reduced the time required to get the first technicians on scene for HURT incidents.

HURT Highlights

The HURT has always sought to provide its members with challenging real world training scenarios. 2013 was a very successful year in this area.

- Team-wide rope training was conducted at a WE Energies facility and at Miller Park.
- Confined space training took place at Miller Brewing Company.
- Structural collapse and forcible entry were held at the site of the recently closed Four Points Sheraton Hotel.

- Trench training took place on the grounds of the Veteran's Administration Medical Center.
- Auto extrication training was regularly held with the help of area salvage yards and also through the assistance of Big Red Machinery Movers and Erectors Company.

A growing emphasis for the HURT is to reach out to other agencies both within the city and throughout the area.

- Met with and trained alongside the City of Milwaukee Forestry Division practicing aerial rescues of trapped/injured arborists.
- Low angle rope rescue training was done jointly with the Greendale and Franklin Fire Departments.
- The Wauwatosa Fire Department and the MFD HURT did a confined space rescue drill together.
- A Rapid Intervention Team training scenario was done with the North Shore Fire Department.

All of this training with outside agencies paid off when the HURT was able to work seamlessly alongside the Greenfield Fire Department at a complicated extrication incident on the freeway system. As the fire service continues to move toward an atmosphere of cooperation and shared services, 2013 found the HURT in the forefront of this effort.





Incident Command Post

The MFD Incident Command Post (ICP) was established to provide support to the incident commander at an emergency scene by assisting with radio/telephone communications, personnel/company availability, Internet access, and other logistical needs. The ICP, an integral part of an extensive fire scene, improves the incident commander's span of control and improves overall scene safety.

Some specific functions of the ICP include providing an aerial camera view of the scene and map of the scene showing company locations, accesses department of transportation cameras for additional views, monitors the communications log, provides access to staffing rosters aiding company accountability, and prepares media information. The ICP utilizes infrared cameras, an ACU 2000 which patches radio frequencies, and has access to MABAS cards and smart board technology. The ICP also manages the Salamander Program, a program that is used to create incident-specific identification tags on the scene. This technology also aides in the movement and accountability of companies.

- Three ICP members were able to attend ACU 2000 training in Raleigh, North Carolina. The ACU 2000 training provides the ability to have interoperability capabilities; allowing the operators to merge different communications systems into one and the command post to communicate with different jurisdictions (e.g. Fire, Police, Department of Public Works).
- A very successful tornado scenario training exercise was held with the Milwaukee Police Department, Waukesha County Sheriff ICPs, along with the Emergency Operations Center, all in separate locations.
- All three shifts trained with the Tactical Emergency Medical Services Team for an active shooter scenario.
- Took part in a Mitchell International Airport exercise with a downed airplane involving 100 people.
- Attended SimCom 2013 in Jefferson County; a showcase for all ICP and communication vehicles, the military, fire, police, and radio groups.
- Took part in the July 3rd fireworks, water show, and downtown marathon.

Fire Investigation Unit

In 2013, the Fire Investigation Unit (FIU) investigated 394 fires of which two were fatal fires. Two fire fatalities were an all-time historic low. The FIU is mandated by state laws and municipal ordinance to determine the cause and origin of all fires within the City of Milwaukee. The FIU reports annually on fire-related incidents under four general classifications: incendiary, accidental, natural, and undetermined. FIU personnel are specially trained to utilize the most up-to-date techniques in fire investigation in conjunction with local, state, and federal law enforcement agencies. All fire investigators have received eighty hours of certified fire origin and cause investigation training offered through the National Fire Academy, as well as countless hours of on-the-job training.

The Fire Investigation Unit has one 24-hour investigator on duty at all times and a total of 18 trained investigators within the Milwaukee Fire Department. The FIU is dispatched to scenes with damages over \$10,000, fire fatalities, on scene fire injuries, and incendiary fires. The FIU responds with a vehicle that is outfitted with tools and supplies to support any onscene investigation.



Training Division

The Training Division of the MFD is responsible for the firefighter skills training and the internal officer development programs for all sworn members. This division develops curricula for training on a wide variety of topics, provides the actual training, and tracks member compliance. Firefighters start their careers in the MFD in formal recruit training or even earlier via the successful Fire Cadet Program, and continue to be taught and refreshed through in-service style training throughout their careers. Driver training and certification is also facilitated by this staff. For those seeking promotion to officer or Chief ranks, the accelerated Professional Development Program was created and is offered to all members who have enthusiasm to stretch beyond their current position.

In addition to firefighting training, this division is tasked with educating the public through its numerous public education programs for the young to the elderly. Teaching fire safety and violence prevention is of utmost importance to the MFD and is taught at every opportunity, from formal long-standing programs, to community relations events, to the simple platform of a firehouse tour.

Training Division staff, though small in number, creates, organizes and schedules training and community relations events year-round. Dedicated members throughout the department with passion for helping others play a significant role in teaching the community on a daily basis.





Training Division Highlights

- Conducted two major department-wide in-service trainings.
- Graduated 27 new firefighters.
- Began a second class of 26 new fire cadets.
- First class of fire cadets completed EMT training to progress to paramedic school in January 2014.
- Completed research and incorporation of MFD Standards of Coverage project.
 - ◊ A Standards of Cover document was researched and developed through a collaboration of the Milwaukee Fire Department (MFD) and the International Association of Firefighters (IAFF). This document is used to portray current resource allocation and whether it meets established strategic and deployment objectives. The IAFF assisted with geographic informational systems and coverage analysis. This document was used to assist the MFD with 2014 budget planning and strategy to meet established fund allocations. This project is continuing in a more academic approach through City, University of Chicago, and Harvard researchers to develop a more analytical resource allocation and optimization strategy.
- Developed and instituted a personal protective equipment repair facility.
 - ◊ The MFD adheres to the National Fire Protection Association's (NFPA) requirements of its 1851 Standard on the selection, care, and maintenance of protective ensembles for structural and proximity firefighting. This was accomplished by outsourcing the inspection, testing, and maintenance of the MFD's personal protective ensembles (PPE) to an independent service provider. The costs associated with this outsourcing became the genesis for researching more cost-effective and efficient methods of adhering to the NFPA 1851 Standard. As a result of fiscal and facility analysis conducted by the Budget Office and the MFD, the MFD chose to insource this NFPA requirement which allowed the MFD and City of Milwaukee to hire a Fire Equipment Repairer to conduct the inspection, testing and maintenance of the MFD's PPE. This allows the MFD complete oversight of associated PPE costs and repairs, an immediate cost-savings to the City.
- Continued with research and development of the MFD/UWM Peer Fitness Training and Human Performance Study.
- Continued Milwaukee Public Schools/Milwaukee Bucks partnership for Project FOCUS and Poster-to-Billboard contest during Fire Prevention Week.
- Continued growth of social media presence with over 4,600 "Likes" on Facebook, and 2100 followers on Twitter.
- Successfully made 1,369,661 public contacts during 1,550 public outreach program deliveries.
- Facilitated the installation of 1,765 smoke detectors.
- The Project Staying Alive Program was presented to 75 schools during 335 sessions, making 8,674 student contacts.

Community Relations Section

The Milwaukee Fire Department provides a wide range of educational opportunities to the citizens of Milwaukee. Firefighters meet with people of all ages to educate them on fire safety, emergency medical services, evacuation planning and drills, and much more.

Each age group of the population has different needs in the area of education. The Community Relations Section consisting of the Director of Community Relations and three Fire Education Specialists work with members of the community to schedule events based on the specific needs of the request. On-duty firefighters with apparatus, or Community Relations staff present the programs.

Children can learn about fire safety by attending block parties or the Mobile Survive Alive Houses, from firefighters visiting their schools or reading to them at libraries or day cares, or through a quick stop at a firehouse for a tour.

Community Relations staff train people of all ages on the proper use of fire extinguishers, how to perform evacuation drills, how to be prepared for an emergency, and the importance of each home having at least one working smoke detector. These programs are provided to businesses, apartment complexes, condominium associations, senior living centers, day cares, and through individual contact.

Firefighters attend career fairs in Milwaukee schools and businesses to discuss the profession of firefighting. Younger members of the community (aged 14-20) are encouraged to attend a Junior Fire Institute meeting to see if they would like to pursue a career in firefighting.

The use of social media to share our safety messages continues to grow. Our Facebook page grew from 1,676 “Likes” in 2012 to nearly 4,400 at the end of 2013; the numbers continue to rise daily. Social media allows us to connect with a new generation of people that rarely use traditional media to get their news and information.



Firefighters Out Creating Urban Safety (FOCUS)

In 2013 MFD firefighters installed 1,765 smoke detectors, an increase from 2012. Firefighters visiting 9,000 homes through the FOCUS Program installed 1,029 smoke detectors, and the remaining 729 installations took place because of requests via the Smoke Detector Hotline, and the First Responder Program in which firefighters check smoke detectors while at a home for an emergency call. As we move forward, the Milwaukee Fire Department will be expanding installation programs and community outreach to reach even more homes in the City of Milwaukee. Renewed efforts were made to reach out to community groups and organizations to help distribute fire safety messages as well as information on how to receive a free smoke detector. This outreach will help us contact people in homes that have not traditionally been targeted as high risk, yet still have the same need for a fire safe home.



Survive Alive House

The Survive Alive House located at 2059 South 20th Street operates through a concerted effort of the Milwaukee Public Schools and the MFD. The house contains a replica of children's bedrooms. The director of the house, an MFD fire lieutenant, organizes firefighters and fire cadets to guide children, typically second and fifth graders, and teachers through mock fire safety drills. Over 13,000 students attend this 1.5 hour program annually.



Project Staying Alive (PSA)



The MFD, partnering with Milwaukee Public Schools, Project Ujima, Children's Hospital of Wisconsin, and the Medical College of Wisconsin, continues its effort to reduce interpersonal violence by reaching out to sixth-grade students throughout the City of Milwaukee through Project Staying Alive (PSA). The program continues to expand. Seventy five schools were visited during the 2012-2013 school, reaching 8,674 students through 335 program sessions.

This year, fire cadets (youth interns preparing to be in a firefighter class) began assisting with the facilitation of the program. Having these young role models, that demonstrate how making good life choices can lead to positive outcomes, has been a tremendous boost to student "buy in." While this benefits the students, it also develops the public relations and teaching skills of the cadets with the added potential of sparking the interest of a diverse group of young students to consider careers in the fire service.

MFD PSA instructors were invited to Oakland, California in June of 2013 by the Oakland Fire Department and Golden Gate University to consider replication of the program utilized here in Milwaukee. PSA looks forward to continued growth in the upcoming years.



Junior Fire Institute

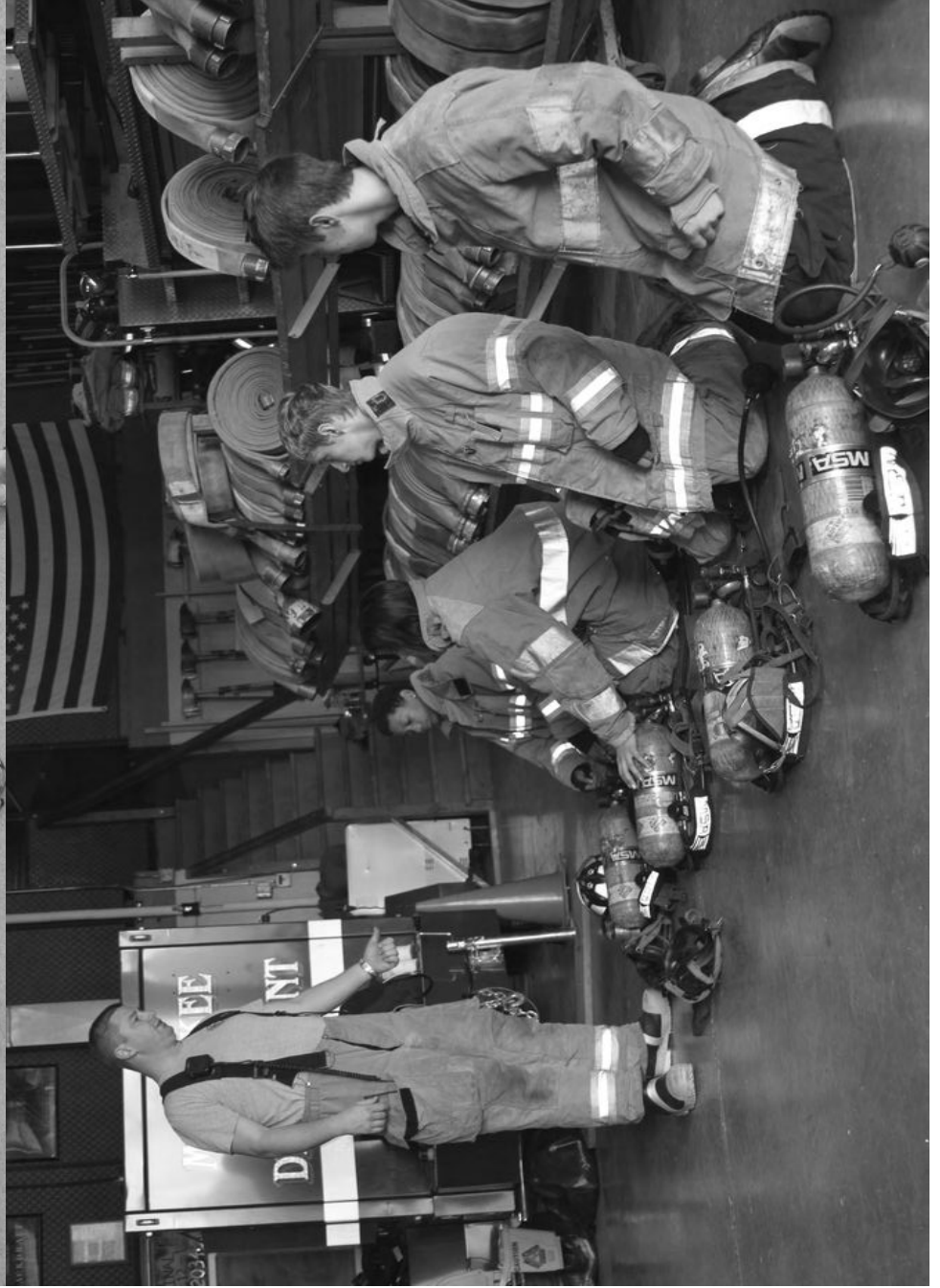
The Milwaukee Fire Department Junior Fire Institute (formerly Explorer Post 875) has undergone some minor organization changes in 2013 after separating affiliation with the Boy Scouts of America. This separation was attributed to a desire to provide a fun, safe, and rewarding program to the students at absolutely no charge; helping to ensure accessibility to all members of the community. The Milwaukee Fire Department Junior Fire Institute is designed for students 14 – 20 years old who have expressed an interest in the fire service. Students may join the program at any time. Students are given a monthly opportunity to experience basic firefighting, first aid skills, and leadership with a focus on honor, courage, and integrity. This program helps students decide if firefighting is a career they would like to pursue.



The Milwaukee Fire Department Junior Fire Institute meets monthly, typically the first Saturday of each month from 9:00 am to 12:00 pm at the Milwaukee Fire Academy. Each month students learn new skills and tasks with actual firefighting equipment such as engine company operations, confined space drills, truck company operations, fire extinguisher training, and much more. Volunteerism is encouraged, and parents/guardians are always welcome to attend community service events in which the students are involved, such as the WAFS Summer Burn Camp, the US Bank Fight for Air Climb, and the MLK Jr. Day of Service.

The Milwaukee Fire Department has a rich history of serving the youth of the community and has been working with local students in programs such as this for over seventeen years. Milwaukee firefighters volunteer their time to be advisors of this program along with members of surrounding fire departments and members of the community.

EMS/Training/Education Bureau



Cadet Program

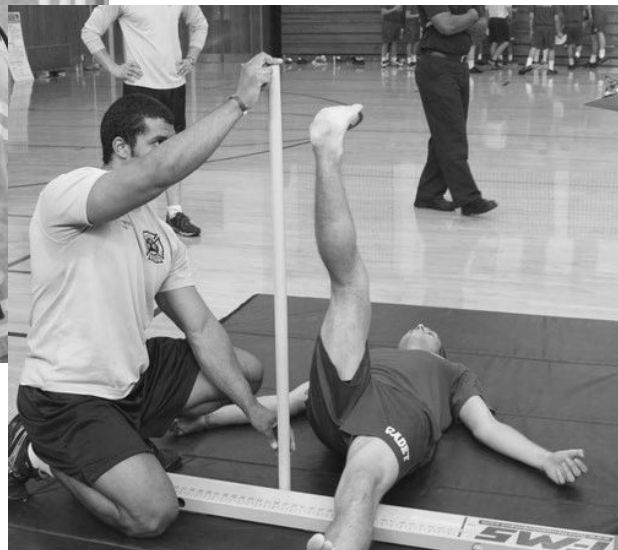
In January of 2013 the thirteen fire cadets who were hired in 2012 began the second phase of their training. During this period they successfully completed class and clinical work at the MFD Training Academy to become nationally registered emergency medical technicians (EMTs). In addition to EMT training these fire cadets also administered hundreds of classes at the Survive Alive House and presented the Project Stating Alive Program at various Milwaukee Public Schools. To expand their understanding of the MFD, fire cadets also attended training with all of the MFD special operations teams as well as the incident safety officer. During the summer of 2013 the group successfully completed testing to be admitted into an accelerated paramedic training course at Milwaukee County EMS. During the fall and winter, the 2012 fire cadets completed preparatory classwork to prepare them for the accelerated pace and heavy academic load of the paramedic program. In addition to coursework, fire cadets regularly ride on mobile emergency departments (MED) units to practice their basic life support (BLS) skills and receive exposure to the advanced life support (ALS) tools used by MFD paramedics. Throughout the second phase of training the fire cadets continue to maintain a high level of fitness under the guidance of MFD peer fitness trainers. In January of 2014 this group of fire cadets will begin their paramedic training.



In September of 2013 an additional 26 fire cadets (5 women and 21 men) were hired and began the first phase of the Fire Cadet Program, bringing the total to 39 fire cadets. During the year this new group completed training in basic firefighting and received certification as Wisconsin Level 1 firefighters and trained to the Awareness Level in hazardous materials. The fire cadets received physical fitness instruction and nutrition education from a dedicated MFD peer fitness trainer and quarterly evaluations in cooperation with the University of Wisconsin-Milwaukee Kinesiology department.



The Fire Cadet Program serves as a vital link to the community and develops young women and men into diversely talented paramedic firefighters. Fire cadets continue to perform at a high level both on the training ground and in the community. They are an integral part of the MFD daily operations and continue to assist with initiatives such as recruiting, Operation Warm, the Martin Luther King Jr. Day of Service, Project Staying Alive, and FOCUS. The 2012 fire cadets serve as mentors to the 2013 fire cadet group and assist in indoctrinating them into the MFD and assuring that they are prepared to meet the demands of the program and provide excellent customer service.



Health & Safety



The Health and Safety Officer is responsible for managing the health and safety risk factors that impact the over 900 firefighters and support personnel of the department. The scope consists of:

- **Firefighter and Support Staff Occupational Safety**
 - **Health Wellness and Performance**
 - **Data Management and Reporting**
- **Injury Rehabilitation and Case Management**

With the financial help of the Assistance for Firefighters Grant in the amount of \$354,000.00 the department was able to fund firefighter medical evaluations. These medical evaluations were the missing component to solidify the full scope of the department's health and wellness program titled the Wellness Fitness Initiative; the gold standard health and wellness program in the fire service. The purpose of the Wellness Fitness Initiative is to improve the overall health of firefighters, reduce their vulnerability to injury, improve their ability to recover, improve their chances for a longer career, and an eventually a longer retirement. The Wellness Fitness Initiative consists of five main components:

1. **Annual Physicals IAW NFPA 1582**
2. **Fitness Program IAW NFPA 1583, provided by Peer Fitness Trainers (PFTs)**
3. **Behavioral Health Program with a Peer Support Team and Critical Incident Stress Management (PST/CISM)**
4. **Health Education**
5. **Statistical Health Tracking**

Occupational Safety Health and Wellness Highlights

The MFD collaborated with Froedtert Hospital and the Medical College of Wisconsin to provide 850 firefighter-specific medical evaluations.

<http://fox6now.com/2013/03/13/firefighters-focus-on-health-wellness-nutrition-to-aid-in-fighting-fires/>

There was a 17% decrease in total firefighter injuries, and a 25% reduction in injuries resulting in lost time for firefighters.

There were over 3,000 Firefighter Health and Wellness contacts via:

- Firefighter Medical Evaluations
- Department-wide Mental Health and Wellness Trainings
- Firehouse Interval Training (FIT) Camps, provided by the department Peer Fitness Trainers (PFTs)
- Health and Fitness Classes
- PST/CISM (over 200 contacts alone, providing the first department-wide firefighter mental health and wellness training)
- Fire Academy Health and Fitness training provided by the department Peer Fitness Trainers

Two Peer Fitness Trainers became master-level trainers in dynamic variable resistance training.

The Health and Safety Office partnered with the Recreational Association Milwaukee Police and the fire and police training academy staff to overhaul the outdated weight room at the training academy.

The Milwaukee Fire Department partnered with Traumatic Incident Resource (TIR), a nonprofit organization of mental health professionals and emergency responders.

- TIR reaches out to fire and police departments that are exposed to critical incidents, but may not have a CISM team.
- TIR provides CISM and mental health training.
- TIR sponsored employees of the Charles E. Kubly Foundation, three MFD Peer Support Team members, and Cris Zamora, the City EAP Coordinator, to attend a five-day “Train-the-Trainer” certification course in mental health first aid (a course that teaches participants how to help others suffering a mental illness or in a crisis). **The MFD is the first fire department in the country to do this.**

Emergency Medical Services Division

The Emergency Medical Services (EMS) Division is responsible for the provision and oversight of emergency advanced (ALS) and basic (BLS) life support services for the MFD. In addition to emergency medical responses, the division provides and oversees other non-traditional types of medical services to include public access defibrillator and automatic external defibrillator programs, paramedic bike and Surge MED unit response for special events in the area, and tactical emergency medical services (TEMS) support to law enforcement.

In 2013 emergency medical services calls continued to creep upwards as a percentage of all calls received by the MFD and accounted for 88% of the calls received by dispatch. Over 82% of the MFD's total number of responses were EMS-based. The department responded to 60,499 EMS-related alarms (a 7% increase from 2011) with an additional 33,842 less critical BLS requests for medical assistance triaged directly to private ambulance service providers for their direct response.

The MFD provides BLS as well as ALS service for the City of Milwaukee. In 2013 ALS responses were performed by 140 paramedics whose initial training involved an intensive 1,100-hour course including classroom, clinical, and field training. The training and support that Milwaukee County EMS provides to the department for ALS has helped to consistently make Milwaukee one of the best EMS providers in the United States year after year. The MFD's twelve frontline mobile emergency department (MED) units responded to 28,183 runs in 2013. The 59 paramedics not assigned to MED units were assigned to engine and truck companies to work as paramedic first responders (PFRs) providing additional ALS-enhanced response, triage, and treatment.

EMS Division Highlights

- The Milwaukee Fire Department's participation in EMS research further enhances the quality of care delivered, improves outcomes for the citizens of Milwaukee, and establishes the standard of medical practice for the nation. In conjunction with Milwaukee County EMS and the Medical College of Wisconsin, MFD EMS continues its participation as one of only ten National Institute of Health centers for the Resuscitation Outcomes Consortium (ROC) to study the impact of promising clinical interventions on survival for patients with severe traumatic injury and cardiac arrest. A randomized trial of continuous chest compressions (CCC) versus standard CPR (30:2) is being conducted to understand the role of pausing for ventilation during the circulatory phase of out-of-hospital cardiac arrests. In addition, MFD participates in the Amiodarone, Lidocaine, Placebo Study (ALPS), in which resuscitation medications are being studied to determine if survival-to-hospital-discharge after ventricular fibrillation cardiac arrest is significantly improved with early therapeutic administration of either or neither of the commonly used antiarrhythmic medications. To date, MFD alone has enrolled 1,039 patients into the CPR study and 116 patients into the ALPS study. The MFD's emergency medical technicians (EMTs) and paramedics work very hard to conduct this research all in the name of medical progress and improvement of services offered.
- Trained 867 personnel in the updated American Heart Association CPR standards which put an increased emphasis on improved chest compressions. All MFD Zoll defibrillators received software upgrades increasing CPR effectiveness by allowing visualization of underlying cardiac rhythm to be analyzed without stopping CPR.

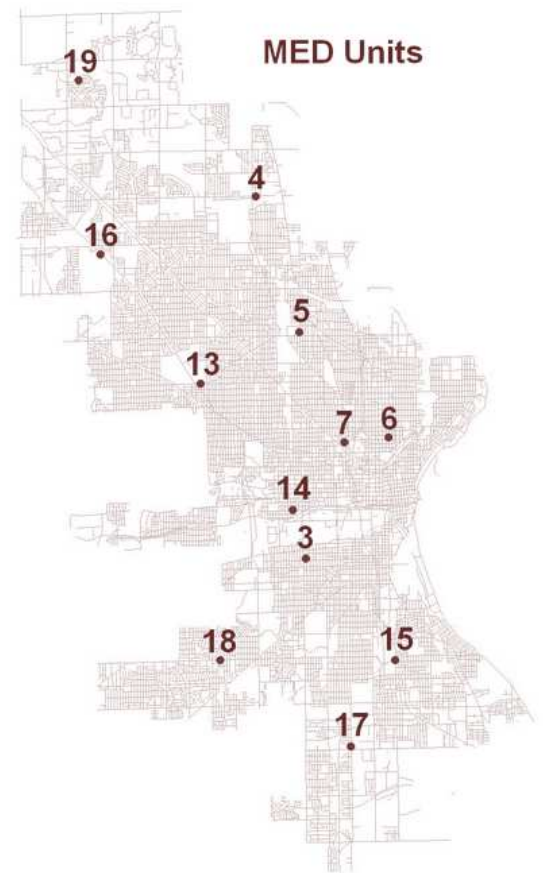
Emergency Medical Services Division

- Provided initial EMT-Basic training for 33 firefighter candidates, 1 police officer, and the MFD's health and safety officer in addition to providing refresher training for all 834 EMTs on the MFD. Fifteen members completed paramedic training provided by Milwaukee County EMS.
- EMS instructors provided up to 240 hours per student (up from 160 hours in 2009) of initial EMT-Basic Training for 40 firefighter candidates (cadets and pre-recruits) and provided 15 hours per individual of EMT-Basic refresher training for all 827 EMTs on the MFD.
- In addition to their 15 hours per year of EMT-Basic training, the department's 140 paramedics underwent an additional 24 hours per student of paramedic refresher. Eleven MFD personnel completed their 1300 -1400 hours of training to become licensed paramedics and sixteen new firefighting personnel began their paramedic classroom portion of the training in October at Milwaukee County EMS.
- Practical skills were evaluated, BLS refresher classes taught, and CPR certifications were renewed for all sworn members of the department.
- MFD EMS cooperated with the Milwaukee Police Department and Southeastern Wisconsin Tactical Analysis Center to develop "Active Shooter" training to take place in early 2014.
- There was a 34% increase from the previous year in the total number of paramedic first responders (PFRs) on the department, the largest number of PFRs since the inception of the concept was developed in the mid-90's.
- EMS took part in a full-scale multiple casualty incident drill at the Milwaukee County Airport providing a hands-on exercise in patient triage, treatment, and transport. The event highlighted the importance of improved patient tracking during multiple casualty/surge events and the need for a much larger initial response force for such incidents.
- Working with the billing provider, the EMS Division Battalion Chief created billing standard operating guidelines that resulted in a 15% increase in EMS transport revenue from the previous year.
- Developed the concept, and created standard operating guidelines, for a dedicated Surge/TEMS house, implementing the plan one year ahead of the initial target date.

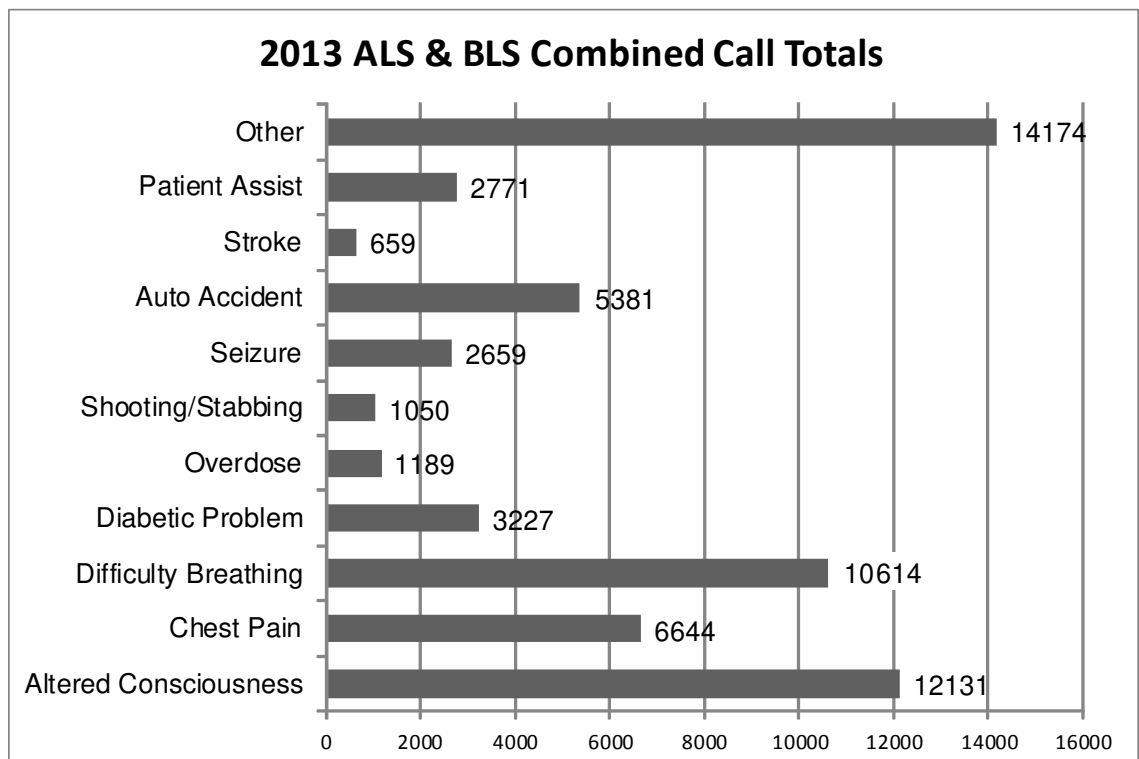


Emergency Medical Services Division

MED Unit Responses				
UNIT	ALS	BLS	FIRE	TOTAL
M03	2,723	168	160	3,052
M04	2,292	149	131	2,576
M05	4,271	248	277	4,801
M06	2,813	152	200	3,165
M07	3,162	172	224	3,793
M13	3,162	176	215	3,554
M14	2,606	149	216	2,972
M15	1,789	107	119	2,015
M16	2,335	107	146	2,593
M17	1,231	49	61	1,341
M18	1,217	66	60	1,344
M19	1,190	60	78	1,329



2013 EMS Calls by Type



Surge

Surge capacity is the ability of an EMS system to expand capabilities beyond normal activity levels; to manage a sudden, unexpected increase in patient volume that would otherwise severely challenge or exceed the current capacity of the EMS system. The expanded capacity must not only be able to accommodate an immediate short term surge, but may need to sustain the higher response capability for an extended period of time. An EMS surge can be triggered by a major vehicular accident, fire, environmental disaster, public transportation accident, construction or industrial accident, building collapse, public health/disease, terrorism incident, chemical/biological/radiological/nuclear incident, explosion, or mass gathering with the potential for multiple casualties. Such events differ in location, number and distribution of casualties, severity, type and nature of injuries, size of available rescue teams, time and equipment needs, damage to roads, distance from hospitals, and other variables, all of which can be significant challenges.

On December 22, 2013 the Surge House began formal operations at South 9th Street and West Greenfield Avenue almost one year ahead of schedule. The Surge House contains Engine 23, MED 20, MED 21, MED 22, and TEMS 1. Engine 23 will be staffed with four paramedics, a minimum of two TEMS-trained. The operational plan gives the MFD the ability/option of putting two additional paramedic units into service in the event of a multiple casualty incident (MCI).

To better improve the MFD's ability to respond to a surge or MCI, in 2010 the Metropolitan Medical Response System (MMRS, a Federal Homeland Security Grant that funds regional disaster preparedness programs which had also supported the creation of the MFD's TEMS Program), began supporting the creation of Milwaukee's two surge units; MED 20 and then one year later, MED 21. The regional grant is managed by a steering committee coordinated by the MFD EMS Battalion Chief. This committee determines needs and capabilities in the region and then allocates the funds. A portion of the funds were allocated to create a third Surge vehicle in 2013. The MFD purchased a utility vehicle (UTV) and the funds provided by MMRS were used to purchase the equipment such as a Zoll monitor, Stryker cot, and radios. The unit was designated as MED 22 and assigned to Station 23. MED 22 is a specialized vehicle that can be utilized as a force multiplier. It gives MFD EMS the option to go where conventional fire apparatus or ambulances are unable to go. Incidents that this unit could respond to include: large scale emergencies that cover various types of "off road" terrain such as a downed aircraft, a large pile-up on the expressway that would limit apparatus movement as on a bridge or tunnel, or any disaster such as a tornado that would produce considerable debris making roadways impassable. Although not its planned operational function, this vehicle is capable of transporting patients and personnel over long distances if necessary.



Paramedic Bike Response Program

In 1997 a cardiac-related death occurred during the 4th of July fireworks at Milwaukee's Lakefront. Because tents and observation decks were set up on Lincoln Memorial Drive, it was closed to vehicular traffic so EMS was not able to immediately locate, treat, or transport the patient. In an effort to provide quicker response to such emergencies occurring at large gatherings, in 1998 MFD EMS Chiefs and captains developed the paramedic bike concept and in 1999 the MFD Paramedic Bike Response (PBR) Program was formed with a generous donation of twelve bikes from Wisconsin-based Trek Bicycles.

Packs attached to the twelve bicycles enable a two-person team to carry the same range of supplies found on an ambulance. The teams patrol events such as Summerfest, ethnic festivals, runs & races, and the fireworks display. Fifty-eight members are paramedic bike responders. Expect to see the PBRs at events with attendance of 15,000 or more or any event with a high probability of potential patients.

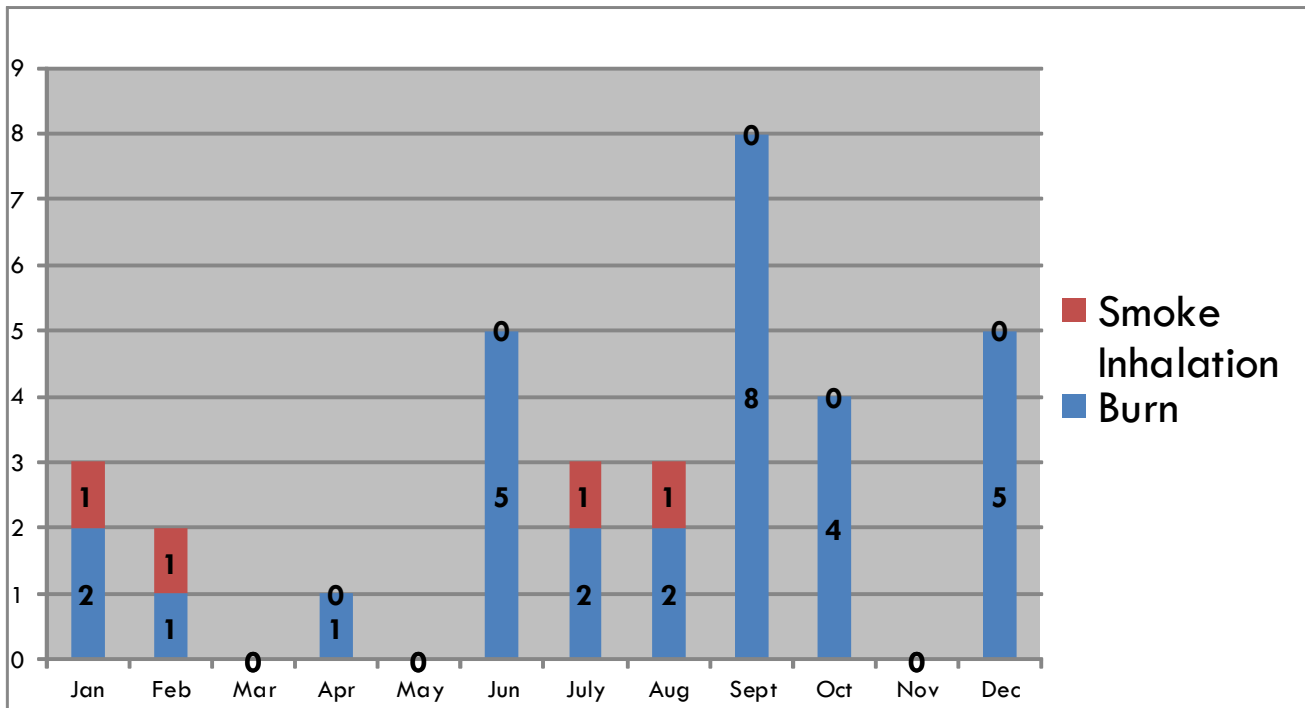


Early PBR Team

PBRs are activated for events such as:

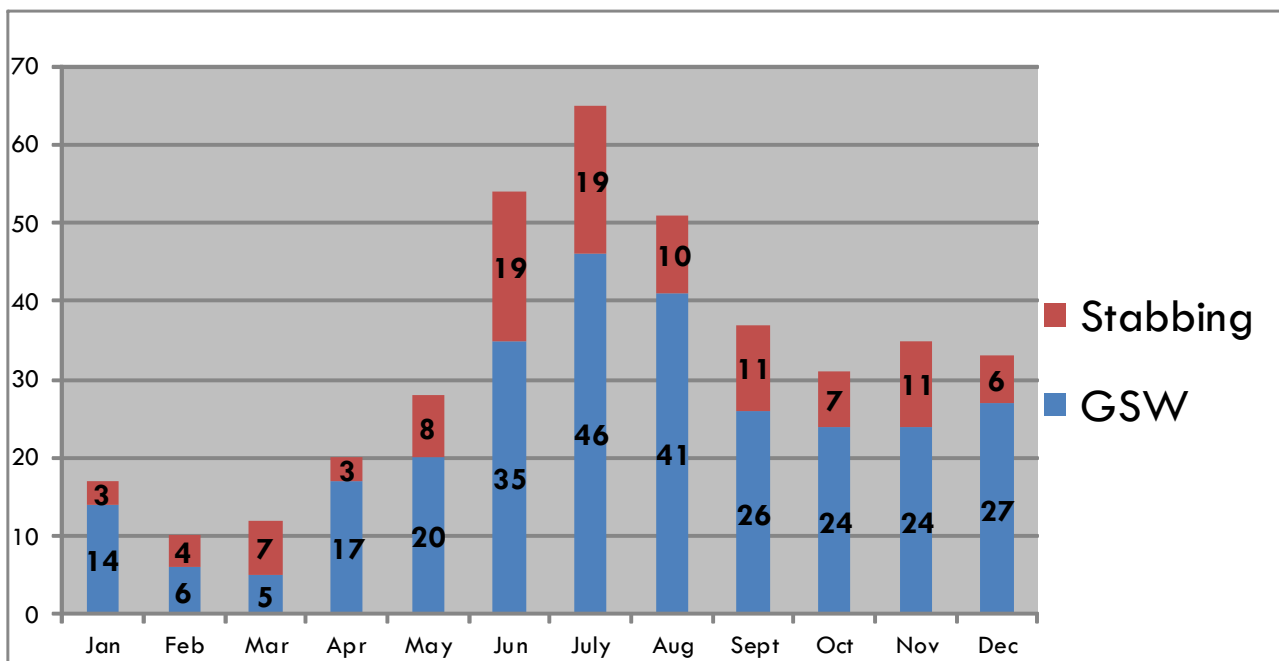
- Summerfest
- Bastille Days
- German Fest
- Indian Summer Fest
 - Irish Fest
 - Festa Italiana
 - Mexican Fiesta
- Fire Works – Big Bang
- Polar Bear Plunge
- Milwaukee Marathon
- Brewers Mini-Marathon
- Briggs & Al's Run
- Hank Aaron Run/Walk
- Race for the Cure
- Rock n' Sole
- USA Triathlon

2013 Burn and Smoke Inhalation Patients



- Out of the 30 burn patients in 2013, all 30 survived.
- Out of the 4 smoke inhalation patients in 2013, 3 survived.

2013 Penetrating Trauma Patients (Life Threatening)



- Out of the 285 gun shot victims in 2013, 255 survived.
- Out of the 108 stabbing victims in 2013, 104 survived.

Tactical Emergency Medical Services

The purpose of Milwaukee Fire Department Tactical Emergency Medical Services (TEMS), is to provide advanced life support (ALS) for law enforcement tactical units in a hostile environment. Our first priority is the emergency pre-hospital medical care of Milwaukee's tactical unit or SWAT. The second priority is delivery of ALS medical care and triage of victims as well as suspects in custody. By providing this ALS care as quickly as possible in an austere environment our goal is to reduce injury and loss of life. Working side by side with law enforcement, we are able to begin treatment in hostile environments where before immediate care would otherwise have been unavailable.



TEMS Highlights

- The Milwaukee Fire Department TEMS team was represented and functioned in an advisory as well as spokesperson role for the first ever State of Wisconsin TEMS Summit at Great Wolf Lodge in the Wisconsin Dells in March of 2013.
- In conjunction with the Milwaukee Police Department Tactical Enforcement Unit (TEU), the TEMS team participated in "Stress Inoculation" training. This was a live fire exercise that trained the TEMS members how to assess, treat, and move patients under actual live automatic weapons fire. The training was a huge success and once again shows why we are leaders in the State's TEMS community.
- Have seen yet another increase in deployments with the Milwaukee Police Department's TEU.
- Continue to lead in the number of actual responses, outpacing every other special team in the MFD.
- Lead participant in the development of the MFD's Active Shooter Mass Casualty Incident policy and video.
- Interviewed and selected eleven additional members for the team to be trained in early 2014.
- Assisted in the preparation and staffing for the opening of the surge house to continue to lead the nation in progressive and aggressive disaster preparedness.
- TEMS team management has continued to work with and gain funding through the MMRS in conjunction with the Wisconsin Hospital Emergency Preparedness Program.

Administration Division



The Administration Division is responsible for handling all written communications and directives from the Chief's office, all human relations issues including leave tracking, discipline, new hires, retirements, labor negotiations/disputes and database records of the same, plus the furnishing of fire and emergency medical reports to requesters. Most general fire department inquiries, whether from the public we serve, private industries, or varying departments of city and county government are handled by the staff of this division.

This division prides itself on the stability and dedication of its reliable staff. Although most of the job functions of Administration are routine in nature, the staff must be ever-ready for new challenges which inevitably arise. Challenges can include supplying research and contributing innovative ideas on new projects, staying abreast of and implementing laws, ordinances, contracts, etc. as affects personnel benefits, mastering new computer systems/programs/processes, assisting to draft and enforce new policies, and handling unplanned leaves/separations of service of personnel and associated documentation. The committed and talented staff of the Administration Division provides essential support to all areas of the department.



Technical Services Division

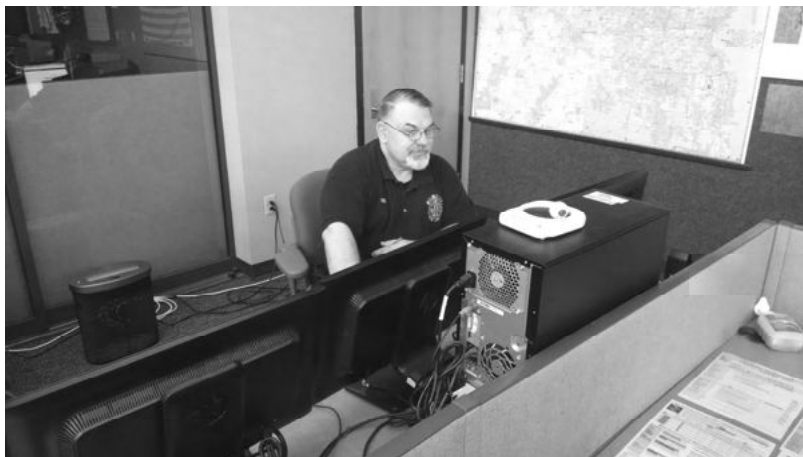
The Technical Services Division is responsible for the purchase, support, and maintenance of all electronic technology-based devices, systems, applications, and peripheral equipment used by the department. This includes 30 servers, over 420 desktop, laptop, and vehicle-mounted computers, 480 phones, and nearly 500 mobile and portable radios.

This division includes the department's 911 call-taking and dispatch center. In 2013 our dispatchers received over 130,000 calls for service, and dispatched over 107,000 runs via our computer-aided dispatch system. In addition to the MFD's responders, the dispatch staff is responsible for monitoring and maintaining communications with neighboring fire departments and various city departments to ensure a seamless response to requests for aid or to request aid as part of the county-wide shared services initiative.

Tracking of statistics and data associated with the department's response to calls for service is also done by this division. Various reports are compiled and submitted to the U.S. Fire Administration Division of the Federal Emergency Management Agency, the National Fire Information Council, the Mayor's Office, and the Common Council on daily, monthly, and yearly schedules.

Technical Services Division Highlights

- Designed and developed a web-based fire loss calculator set to national standards.
- Received notification of award of the Assistance to Firefighter Grant for \$1.2 million to be used for a multi-agency county-wide video conferencing system.
- Replaced 95% of Windows XP systems with Windows 7.
- Worked with vendor to develop new computer-aided dispatch system to be deployed in 2014.
- Continued the conversion of department forms to electronic format.



Construction & Maintenance Division

The Milwaukee Fire Department's Construction and Maintenance Division is responsible for the specification, purchase, repair, and maintenance of all fire, medical and support apparatus, facilities, and equipment used throughout the course of operations. To ensure safe and efficient operations, this division is entrusted with performing a complete and thorough pre-acceptance inspection of all newly acquired apparatus.

The division's staff consists of a Battalion Chief, fire equipment repairs manager, fire equipment repairs supervisor, office coordinator, nine mechanics, twelve craftsmen, and an inventory control assistant.

This division oversees a total of forty-one facilities, including thirty-six firehouses, the fire recruit training tower and utility building, the apparatus repair shop, administrative offices, and the fire museum. We continue the concerted efforts that began in 2011 to upgrade mid- and long-range plans for all of the department's facilities.



Construction and Maintenance Division Highlights

- This, the second full year of a budget tracking system, has produced more efficient tracking of the department's spending, allowing for day-to-day tracking which keeps the department within budget. The information gathered from the budget tracking system is assisting in more accurately predicting future budgetary needs.
- The MFD and the Department of Public Works continues to streamline the requisition and purchasing process, ensuring timely repairs and maintenance of our facilities, reducing potential additional damage.
- In order to meet the changing needs of the department, we purchased nine fire engines, two aerial trucks, six ambulances, three staff vehicles, a foam trailer for firefighting operations, and outfitted a 2014 Polaris UTV for EMS operations.
- Continued updating the auxiliary generator system.
- Continued implementation of an inventory management system, with completion expected in 2014. This system provides more efficient request tracking, reduced time from breakdown to repair and requisition to delivery, fuel tracking, and more efficient control of department inventory.

Honor Guard

“Honoring those who have gone before by standing tall with those still beside us.”

The Milwaukee Firefighters Honor Guard is a non-profit, volunteer organization made up of 26 active and retired members of the Milwaukee Fire Department. Since 1996 the Honor Guard has been proudly standing by its mission statement to honor all of our members and care for their families.

The Milwaukee Firefighters Honor Guard found themselves to be quite busy in 2013. With a combined 50 events, the Honor Guard represented the Milwaukee Fire Department and the Milwaukee Professional Firefighters Local 215 very well.

Along with firefighter and EMT trainings we participate in throughout the year as active firefighters, members of the Honor Guard trained an additional 50 plus hours to keep our skillset sharp. These trainings consisted of marching, facing, saluting, pall bearer duties, casket guard duties, flag folding duties and sit down sessions on how to plan and coordinate retiree, active duty, and line-of-duty death funerals.

Honor Guard members participated in over 13 retiree funerals along with a cancer related line-of-duty funeral in Sturgeon Bay, Wisconsin.

We were honored to be the lead agency in planning the procession for Lance Corporal Collins of the United States Marine Corps when his remains arrived home in Milwaukee from Dover Air Force Base. Lance Corporal Collins died serving his country in Afghanistan; the streets of Milwaukee County were lined with firefighters, police officers, and civilians from the 128th Air Refueling Wing to Krause Funeral Home on 90th and Capitol.

Three members of the Milwaukee Firefighters Honor Guard along with honor guard members from North Shore Fire Department, Sturgeon Bay Fire Department, Topeka Fire (Kansas), Lincoln Fire (Nebraska) and Orange County Fire (California) were requested to assist the Phoenix Fire Department Honor Guard in Prescott, AZ when 19 Granite Mountain HotShots were killed in the line-of-duty when a fire quickly surrounded them in Yarnell, Arizona. The nine members of these departments along with two members of the border patrol were designated “Casket Team 2.” Casket Team 2 escorted 12 of the HotShots, performed a send-off for three, and assisted in the funerals of eight of the HotShot members. These Honor Guard members left their families and work behind for six days to voluntarily assist the families of those 19 HotShots.

The Honor Guard also participated in numerous other 2013 events such as the Combined Giving Campaign Kick-off, Monster Jam, Memorial Day Parade, International Fire Buffs Convention, Wisconsin Alliance for Burn Safety, and the St. Florian’s Firefighter Mass.

Each year our members attend and participate in numerous 9-11 memorials; the Milwaukee Fire Department Fallen Firefighter Memorial, Wisconsin State Firefighters Memorial, and the International Association of Firefighters Fallen Firefighter Memorial, in which two of our members are commanders.

Honor Guard



Support Bureau

2013 Appointments

NAME	RANK	APPOINTMENT DATE
Danielle M. Comer	Fire Equipment Dispatcher	1/7/2013
Mark D. Destefanis	Fire Equipment Dispatcher	1/7/2013
Christopher R. Hibben	Fire Equipment Dispatcher	1/7/2013
Eliza A. Ortiz	Fire Equipment Dispatcher	1/7/2013
Dawn M. Haase	Media Specialist	1/22/2013
Pablo Llanos-Aldape	Fire Mechanic Helper	3/18/2013
Arielle J. Ewing	Fire Equipment Dispatcher	5/28/2013
Miriam Lemke-Dollhopf	Fire Equipment Dispatcher	5/28/2013
Rebekah J. McAleese	Fire Equipment Dispatcher	5/28/2013
Renee Salley	Fire Equipment Dispatcher	5/28/2013
Aaron A. Nash	Fire Equipment Mechanic	5/28/2013
Steven M. Orcholski	Fire Equipment Repairer 1	7/22/2013
Joel J. Alonte	Cadet	9/16/2013
Mason R. Anthony	Cadet	9/16/2013
Ryan A. Balash	Cadet	9/16/2013
Jacob A. Bubolz	Cadet	9/16/2013
Steven S. Budnowski	Cadet	9/16/2013
Daryan A. Burroughs	Cadet	9/16/2013
Carlos P. Correa-Volkman	Cadet	9/16/2013
Kendria S. Donaldson	Cadet	9/16/2013
Brandon W. Dzibinski	Cadet	9/16/2013
Matthew D. Enters	Cadet	9/16/2013
Quintin L. Eubanks	Cadet	9/16/2013
Tito Falck	Cadet	9/16/2013
Zachary D. Ginster	Cadet	9/16/2013
Joshua R. Grams	Cadet	9/16/2013
Lindsay M. Halmar	Cadet	9/16/2013
Nicholas J. Kaiser	Cadet	9/16/2013
Kody R. Krasemann	Cadet	9/16/2013
Caleb J. Lucht	Cadet	9/16/2013
Melanie A. Madden	Cadet	9/16/2013
Caprice O. Mitchell	Cadet	9/16/2013
Jessica A. Olson	Cadet	9/16/2013
Tyler D. Phillips	Cadet	9/16/2013
Grant C. Rezash	Cadet	9/16/2013
Thomas W. Schultz	Cadet	9/16/2013
Zachary A. Talatzko	Cadet	9/16/2013
Diontra M. Woods	Cadet	9/16/2013
Alexander M. McDade	Cadet	10/28/2013
Bryant L. Adams	Cadet	11/11/2013
David M. Barbian Jr.	Firefighter	10/14/2013
Jacob L. Budzinski	Firefighter	10/14/2013
Michael K. Burke	Firefighter	10/14/2013

2013 Appointments Continued

Brian D. Cox	Firefighter	10/14/2013
Eric L. Deford	Firefighter	10/14/2013
Nickolas J. Fisher	Firefighter	10/14/2013
David A. Frank	Firefighter	10/14/2013
Jeffrey S. Freitag	Firefighter	10/14/2013
Jonathan Frost	Firefighter	10/14/2013
Maria E. Gaenslen	Firefighter	10/14/2013
Benjamin R. Garcia	Firefighter	10/14/2013
James P. Gutierrez	Firefighter	10/14/2013
Zachariah H. Hamburg	Firefighter	10/14/2013
Joel J. Hoberg	Firefighter	10/14/2013
Daniel J. Joestgen	Firefighter	10/14/2013
Shawn T. Kelly	Firefighter	10/14/2013
Patrick N. Lemberger	Firefighter	10/14/2013
Steven T. Lepak	Firefighter	10/14/2013
Eric G. McLain	Firefighter	10/14/2013
Jesus Mercado-Sanchez	Firefighter	10/14/2013
Trevor R. Pinkalla	Firefighter	10/14/2013
Matthew M. Ricca	Firefighter	10/14/2013
David R. Sells	Firefighter	10/14/2013
Nicholas A. Shaw	Firefighter	10/14/2013
Paul D. Sporleder	Firefighter	10/14/2013
Andrew J. Stenz	Firefighter	10/14/2013
Michael S. Thurow	Firefighter	10/14/2013
Jason W. Wenzel	Firefighter	10/14/2013
John D. Wildt	Firefighter	10/14/2013
Joshua A. Schwanz	Fire Equipment Mechanic	11/11/2013



2013 Promotions & Reversions

NAME	RANK	PROMOTION DATE
Victor J. Izquierdo	Heavy Equipment Operator	3/17/2013
Kaylyn J. Jennik	Office Assistant II	3/17/2013
Brian J. Glancey	Captain	5/12/2013

Promotions

NAME	RANK	PROMOTION DATE
Daniel Acevedo	Lieutenant	1/20/2013
Timothy A. Klockow	Lieutenant	1/20/2013
James M. Casarez	Lieutenant	3/31/2013
Lamon Pippin	Captain	6/9/2013
Daniel C. Rode	Captain	6/23/2013
Peter E. Nycz	Lieutenant	7/21/2013
Loren J. May	Lieutenant	7/21/2013
Michael A. Bongiorno	Captain	8/4/2013
Kevin P. Monaghan	Lieutenant	8/4/2013
Joel P. Rechlitz	Captain	9/29/2013
Thomas F. Pollock	Captain	9/29/2013

Temporary Promotions

2013 Promotions & Reversions

NAME	RANK	REVERSION DATE
Spencer L. Vassel	Captain	9/15/2013

Voluntary Reversion

NAME	RANK	REVERSION DATE
Thomas F. Pollock	Lieutenant	12/22/2013
Joel P. Rechlitz	Lieutenant	12/22/2013
Christopher L. Brown	Firefighter	12/22/2013
Matthew B. Byrge	Firefighter	12/22/2013
Matthew T. Dunham	Firefighter	12/22/2013
Timothy J. Ingram	Firefighter	12/22/2013
Victor J. Izquierdo	Fire Paramedic	12/22/2013
Joshua J. Ladue	Fire Paramedic	12/22/2013
Nicholas J. Stanley	Firefighter	12/22/2013
James M. Casarez	Firefighter	12/22/2013
Loren J. May	Firefighter	12/22/2013
Kevin P. Monaghan	Firefighter	12/22/2013
Peter E. Nycz	Firefighter	12/22/2013

Reversions Due to Budget Cuts

2013 Separations from Service

NAME	RANK	DATE LEFT
Daniel K. Plumb	Firefighter	1/22/2013
Daniel J. Holton	Battalion Chief	1/26/2013
Edgar Irizarry	Heavy Equipment Operator	2/3/2013
John Pagel	Paramedic Firefighter	2/11/2013
Ricardo J. Guerra	Paramedic Firefighter	2/22/2013
James L. Merchant	Lieutenant	2/26/2013
Robert J. Waldera	Firefighter	3/1/2013
Danielle M. Comer	Fire Equipment Dispatcher	3/8/2013
Kristian D. Vaughn	Firefighter	3/9/2013
James F. Gielow	Fire Equipment Mechanic	3/11/2013
Robert H. Jauch	Firefighter	3/14/2013
Jack P. Christianson	Deputy Chief	3/17/2013
Gregory J. Schneider	Captain	3/31/2013
James A. Nehrbass	Fire Equipment Dispatcher	4/20/2013
Michael S. Ambroch	Captain	4/23/2013
Nicholas P. Adamski	Firefighter	4/23/2013
Matthew A. Palmer	Firefighter	4/25/2013
James V. Claudio	Firefighter	4/27/2013
John A. Kaminski	Firefighter	4/27/2013
Thomas J. Patzer	Fire Equipment Dispatcher	5/3/2013
Luke Jones	Captain	5/20/2013
Timothy J. Reynolds	Captain	5/29/2013
Zayid Shakoor	Firefighter	6/1/2013
Ronald J. Vianes	Heavy Equipment Operator	6/16/2013
Gregory J. Radspinner	Firefighter	6/22/2013
Mark B. Lipinski	Firefighter	6/22/2013
Chad T. Hinsenkamp	Lieutenant	6/23/2013
Dennis G. Dineen	Firefighter	6/25/2013
Peter J. Wellinghoff	Firefighter	6/25/2013
Ronald L. Johnson Jr.	Captain	6/29/2013
Deran Williams	Firefighter	6/30/2013
Renee Salley	Fire Equipment Dispatcher	7/12/2013
Glenn A. Mish	Captain	7/23/2013
Juan M. Roman	Fire Equipment Mechanic	8/3/2013
Jeffrey A. Venus	Captain	8/9/2013

2013 Separations from Service Continued

NAME	RANK	DATE LEFT
Miriam Lemke-Dollhopf	Fire Equipment Dispatcher	8/24/2013
Daniel W. Kazmierski	Heavy Equipment Operator	8/25/2013
Thomas D. Gillespie	Firefighter	8/27/2013
John D. Schmaelzle	Firefighter	8/27/2013
David C. Rickert	Firefighter	10/1/2013
Jerome G. Wendelberger	Heavy Equipment Operator	10/4/2013
Nathan H. Fager	Firefighter	10/7/2013
Joseph D. Siegert	Firefighter	10/8/2013
Bradford L. Sibley	Captain	10/9/2013
Brandon W. Dzibinski	Cadet	10/15/2013
Joseph A. Borisch	Firefighter	10/16/2013
Nickolas J. Fisher	Firefighter	10/23/2013
Michael J. Lopez	Heavy Equipment Operator	10/29/2013
David A. Frank	Firefighter	10/30/2013
Christopher Horton	Firefighter	10/31/2013
Dylan A. Banks	Cadet	10/31/2013
Tito Falck	Cadet	11/6/2013
Andrew C. O'Malley	Firefighter	11/11/2013
Mark D. Destefanis	Fire Equipment Dispatcher	11/21/2013
Brian J. Bedward	Firefighter	11/23/2013
Elsa Gomez	Firefighter	11/27/2013
Kevin R. Lopez	Firefighter	11/27/2013
Rickey D. Muelver	Heavy Equipment Operator	11/29/2013
Keith A. Jochem	Firefighter	12/1/2013
Edwin Roman	Firefighter	12/13/2013
Clarence R. Volk	Captain	12/25/2013
Richard J. Wojciechowski Jr.	Captain	12/25/2013
Duane P. Kantowski	Firefighter	12/25/2013
David W. Luna	Firefighter	12/26/2013
Joseph A. Mack	Heavy Equipment Operator	12/28/2013
Theodore M. Uribe Jr.	Heavy Equipment Operator	12/28/2013

LAST ALARM

D'Elle W. Lowe, an active duty Heavy Equipment Operator passed away on March 26, 2013. She was appointed firefighter on February 14, 1994, and promoted to Heavy Equipment Operator on January 21, 2001. She enjoyed her career, was a vibrant person known for having a pleasant and helpful attitude, and was very compassionate and caring. She will be missed.



