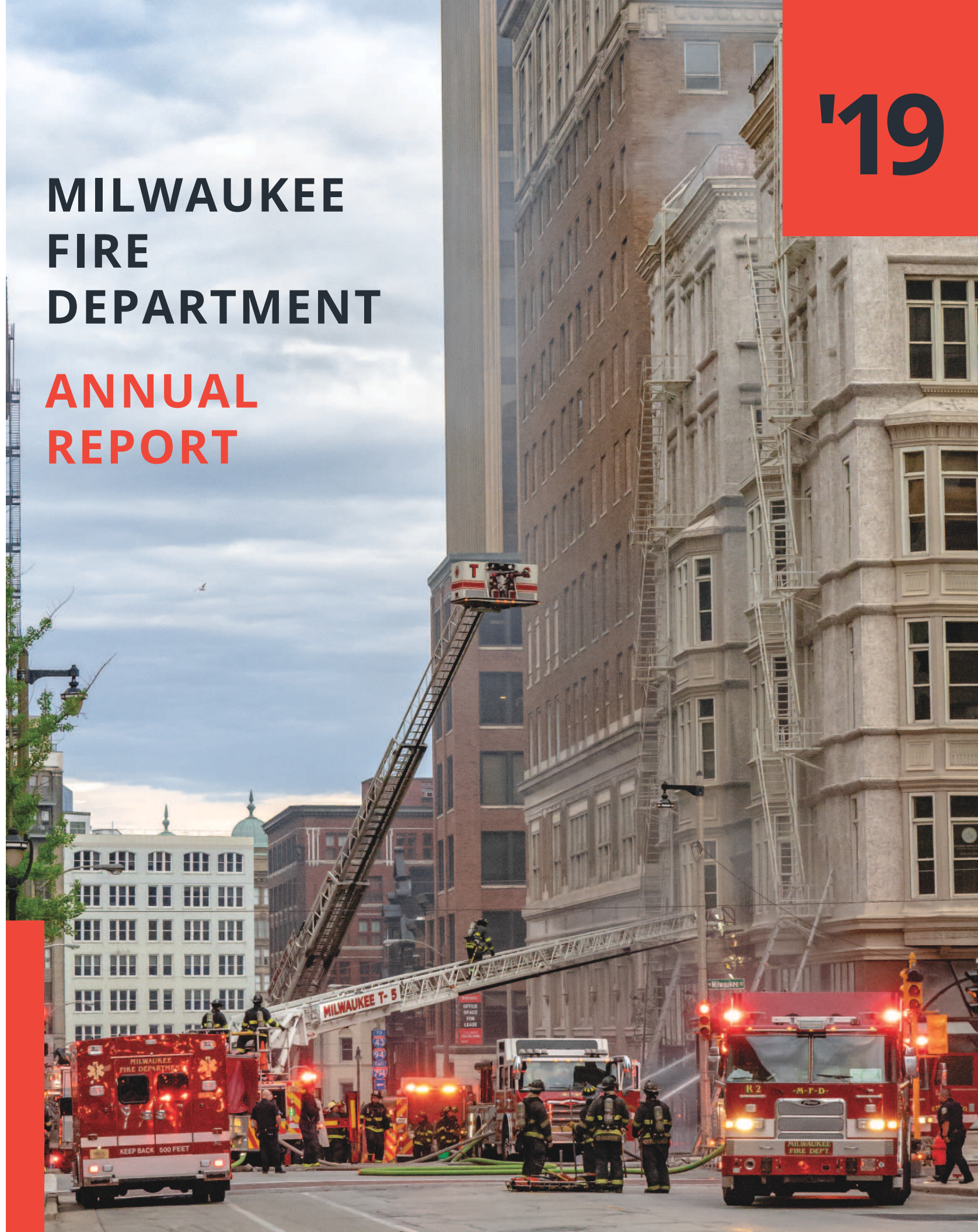


MILWAUKEE FIRE DEPARTMENT

ANNUAL REPORT

'19





MFD

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MESSAGE FROM
THE MAYOR

Tom Barrett



The Milwaukee Fire Department is committed to providing the best in public safety, including prevention, protection, and efficient responses to emergencies, in a welcoming and safe environment for residents and visitors alike.

The dedicated, full-time emergency medical technicians and paramedics of the Milwaukee Fire Department responded to 70,461 emergency medical services calls and 22,568 fire/rescue/service calls in 2019. Its first response capabilities are enhanced through seven special teams comprised of 340 members expressly trained to handle specialized emergencies in areas such as hazardous materials, heavy urban/high-low rescues, water rescues, tactical emergency medical services in conjunction with law enforcement, and fire investigations. Department-wide emergency training reached a staggering 247, 325 hours in 2019.

Every year, the department conducts onboarding of new fire cadets into its highly successful program. The Milwaukee Fire Department hires young men and women of various backgrounds just out of high school and provides them with an unprecedented opportunity to become Milwaukee firefighters. The cadets must complete a rigorous program that includes EMT and Firefighter Level I certifications, along with instruction in anatomy and physiology, Spanish for first responders, and driver/operator skills. Many cadets also complete National Registry Paramedic Training.

Programs at different levels of instruction average 50 fire cadets at any given time. As cadets proceed into a fire recruit class, new cadets are being hired to start the process. For example, a fire recruit class of 43 that began their journey on July 15, began in a fire cadet pool. A new fire cadet class of 27 was then hired in an effort to maintain the 52 allotted positions afforded the department.

Beyond responding to emergencies, the department and its enthusiastic and devoted community partners also take part in proactive programming such as the Mobile Integrated Healthcare Program. A core group of Milwaukee Fire Department paramedics, along with community partner staff, worked with 638 patients in 2019 through avenues such as the Milwaukee Overdose Response Initiative, the Post Discharge Evaluation Program, and the Coverdell Stroke Study. Together, they assisted high utilizers of the 9-1-1 system in finding long-term solutions through various resources to help manage chronic medical issues and reduce the need for emergency services and transports.

"Every day I come to work knowing this city is actively protected with the best and most dedicated firefighters and support staff any city could have."

The Milwaukee Fire Department spends countless hours in the community sharing fire prevention messages through word and action. The Survive Alive House, which teaches elementary school aged children about fire safety, saw 7,734 students in 2019. In addition, mobile Survive Alive House events saw an increase of 88.9% in 2019. The continued outreach has seen major results. The Milwaukee Fire Department recorded 23,172 smoke alarms present and functioning in homes, a 53% increase from 2018. First responders continue to help the community place smoke alarms in their homes as well. They installed 2,029 smoke alarms in homes in 2019.

As for young adults seeking a career path of hard work, compassion and community service, the MFD Junior Fire Institute continues and excels at its mission to offer a comprehensive and rewarding program focusing on mentoring those with an interest in serving nobly in the fire service. Firefighters also provide mentoring for individuals of all ages to help them improve and build upon their health.

The Milwaukee Fire Department is committed to the mission of not only saving lives, but also enhancing lives through fire and health education, preparing themselves and others to give everyone the best chances, regardless of their situation. Every day I come to work knowing this city is actively protected with the best and most dedicated firefighters and support staff any city could have. I sincerely thank the brave men and women who passionately provide outstanding service in our community, 24 hours a day, 7 days a week. These individuals repeatedly and notably going above and beyond the call-of-duty.


TOM BARRETT
Mayor

MESSAGE FROM
THE CHIEF

Mark Rohlfing



I enjoyed my ninth year as Chief of the Milwaukee Fire Department, humbled and blessed by the opportunity to continue leading the men and women who are the heart of the department, the bones of the department. I am in awe of the drive, professionalism, compassion, and skill of our first responders and support staff; they have the well-being of the community at their core, with a true understanding of the vital roles in which they serve. We are indeed a “family,” taking care of each other, and the extended family of the community we serve, with commitment and integrity.

"The credit of the accomplishments of this exceptional department belongs to the men and women who make up the steadfast backbone and heart of the department."

The fire service, like any other business, comes with challenges. Keeping department members safe, keeping them educated on the latest and innovative procedures and equipment, staying within budget when so much of the fire service comes with uncertainty, effectively and compassionately providing care in the worst of circumstances, and being there for one another after an exceptionally tragic call, to name a few. What is significant is that overcoming these challenges is what the outstanding members of the MFD do every day, without fanfare, and

oftentimes with hardly any notice, simply because they believe in helping others; they believe they can make a positive difference in people’s lives. The credit of the accomplishments of this exceptional department belongs to the men and women who make up the steadfast backbone and heart of the department.

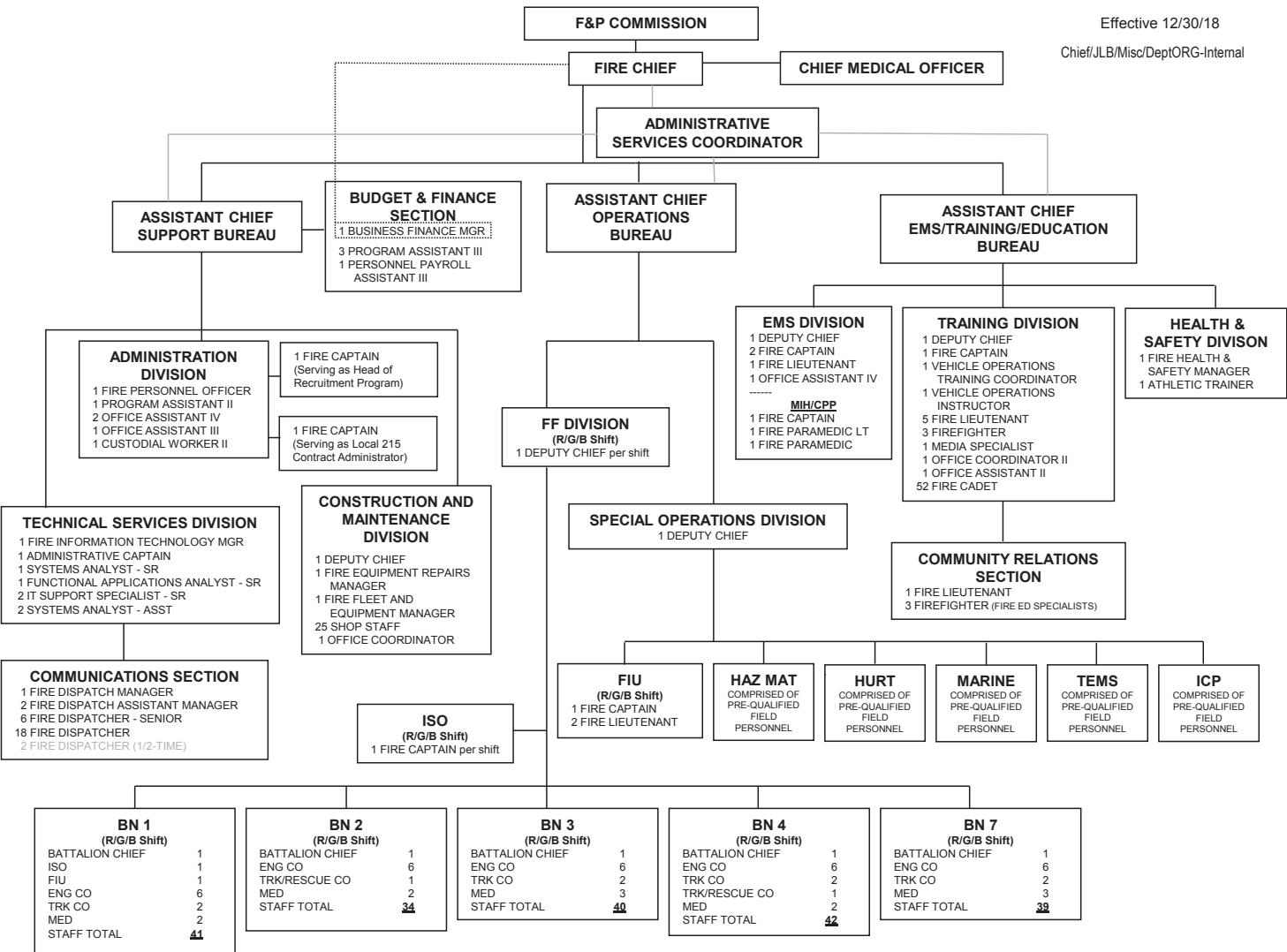
This annual report provides statistics, along with program and response highlights from 2019. Statistics are the quantitative means by which budgets and staffing are configured; however, it is the dedication of the individuals in the organization that bring the significance to the accomplishments. Continuous training of our own members, nearly 250,000 hours in 2019 alone, ensures firefighter safety and preparation to provide excellent, skilled services. Department response times continue to be well below the national standard, and continued successful shared services with neighboring suburban fire departments ensures the arrival of the closest, most-appropriate first responders to any emergency. Extensive preventive outreach in the community also remains at the forefront of the department’s mission.

This department, after 149 years, continues its great legacy of providing traditionally unique services to the community, with the utmost of respect, dedication, and enthusiasm. On behalf of the men and women of the Milwaukee Fire Department, I thank City of Milwaukee Mayor Tom Barrett, the Common Council, the Fire and Police Commission, and the citizens, for their continued support of the Milwaukee Fire Department.


MARK ROHLFING
Fire Chief

QUICK
STATS

Total Positions Authorized	871
Salaries & Wages (includes fringe benefits)	\$109,454,592
Operating Expenditures (supplies & services)	\$6,021,135
Equipment/Special Funds	\$857,661
Total Operating Budget (actual expenditures)	\$116,333,388
Capital Improvements Expenditures	\$2,020,816
Revenues	\$6,462,100



ANNUAL RUN TOTALS

Battalion Chiefs

UNIT	ALS	BLS	FIRE	TOTAL
B1	85	17	650	752
B2	118	48	1444	1610
B3	73	9	440	522
B4	68	8	489	565
B7	80	23	545	648

Trucks

UNIT	ALS	BLS	FIRE	TOTAL
L01	165	205	924	1294
L02	270	330	2006	2606
L03	345	264	1374	1883
L05	90	96	1419	1605
L07	179	183	1162	1524
L08	47	44	351	442
L09	583	685	1984	3252
RESC1	305	394	1361	2060
RESC2	383	403	2577	3363
L16	81	122	770	973

Paramedics

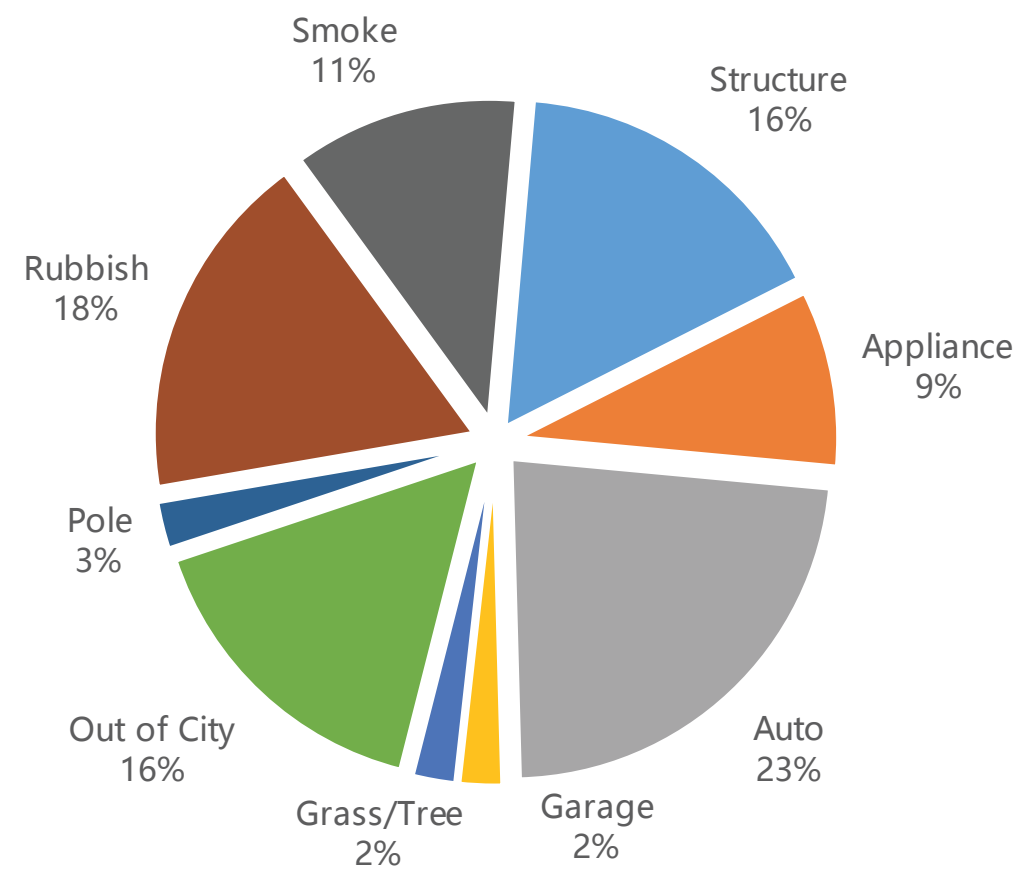
UNIT	ALS	BLS	FIRE	TOTAL
M03	4325	573	235	5133
M04	2441	384	122	2947
M05	4278	654	229	5161
M06	4266	525	207	4998
M07	4712	664	251	5627
M13	4192	651	206	5049
M14	1515	451	120	2086
M15	2578	420	159	3157
M16	3693	583	161	4437
M17	1977	208	123	2308
M18	1165	218	41	1424
M19	1680	353	85	2118

Engines

UNIT	ALS	BLS	FIRE	TOTAL
ARV1	617	537	3	1157
ARV2	299	257	2	558
E01	788	890	666	2344
E02	1428	1584	994	4006
E04	1182	1239	409	2830
E07	544	670	291	1505
E08	1678	1874	750	4302
E09	947	839	525	2311
E10	638	693	303	1634
E11	649	631	353	1633
E12	929	1069	444	2442
E13	2299	2347	917	5563
E14	192	247	204	643
E16	735	734	401	1870
E17	642	689	276	1607
E18	1204	1180	543	2927
E21	1354	1315	726	3395
E22	877	806	471	2154
E23	1504	1786	583	3873
E24	1791	1855	677	4323
E26	1424	1626	574	3624
E27	651	806	511	1968
E29	484	480	211	1175
E30	2123	1908	741	4772
E32	2321	2407	809	5537
E33	527	792	309	1628
E34	1414	1484	765	3663
E35	454	501	314	1269
E36	1900	1940	832	4672
E37	1643	1596	719	3958
E38	674	725	362	1761
E39	510	616	472	1598

Annual Stats - 2019 National Run Survey			
Busiest Engine Company	Engine 13	Number of Runs	5,563
Busiest Ladder Company	Truck 9	Number of Runs	3,252
Busiest Battalion Chief	Battalion 2	Number of Runs	1,610
Busiest Ambulance	MED 7	Number of Runs	5,627
Busiest Heavy Rescue	Rescue 2	Number of Runs	3,363
Busiest Fire Station	Station 30	Number of Runs	10,399

Fire Responses by Type



BATTALIONS
AT A GLANCE

BATTALION ONE

The first battalion encompasses the northern portion of the east side of Milwaukee stretching west from Lake Michigan to 27th Street. This battalion is home to six engines, two ladders, and two paramedic units. Among the most notable of large campuses to protect are the University of Wisconsin-Milwaukee, Columbia St. Mary's Women's Medical Center, as well as several theaters and historic landmarks along with a multitude of high-rise residences and businesses. The geography and structures provide unique challenges as well as opportunities to train and perfect the ever-changing craft of firefighting.

BATTALION TWO

The second battalion encompasses the near north side of Milwaukee serving the citizens living in the diverse neighborhoods between Mount Mary University and Riverwest. The second battalion is home to six engines, two paramedic units, and one heavy rescue unit. The near north side has a rich mix of property types ranging from industrial manufacturing to small store fronts, and from large apartment buildings to small cottage-type homes. Many buildings are early nineteen hundred era construction, with urban renewal homes being built and occupied.

BATTALION THREE

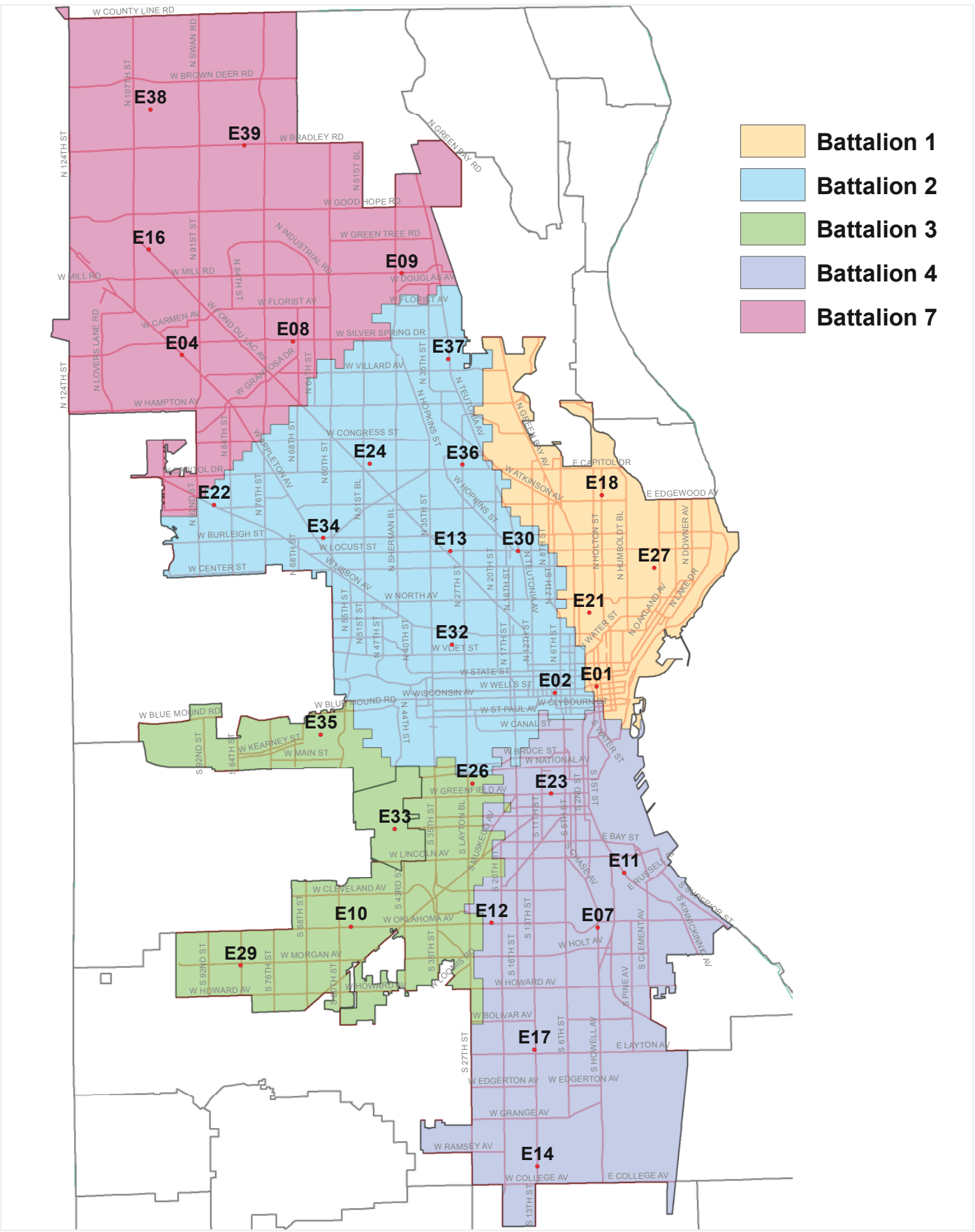
The third battalion serves the southwest area of Milwaukee which encompasses approximately 20 square miles, and a population of 100,000. Battalion Three protects a diverse area of industrial, residential, and commercial properties. Six fire stations provide fire and emergency medical services to its citizens. Companies in this battalion responded to over 28,000 calls, with Engine 32 being the busiest, with 5537.

BATTALION FOUR

The fourth battalion provides emergency services to the area bordered by the southern portion of downtown to the southern city limits at College Avenue and from Lake Michigan west to South 27th Street. This battalion serves approximately 120,000 residents and countless daily visitors with five engines, two ladder trucks, and two paramedic units housed in five fire stations.

BATTALION SEVEN

The seventh battalion covers approximately 36 square miles in the northwest corner of Milwaukee. The area is a unique mix of single family homes, condominium complexes, apartment buildings, manufacturing business parks, some high-rise structures, and of notable hazards, a fuel storage tank farm. Six engines, two trucks, and three paramedic units are stationed in this battalion.



BATTALION
SPOTLIGHT

BATTALION SEVEN

On July 19, 2019, Engine 16, Truck 3, and Rescue 2 responded to an out-of-city call to the Village of Menomonee Falls for the report of a woman trapped in a buried metal corrugated drainage pipe. A plan of action was formed to rescue the patient from a pipe that was 18" in diameter, and 15' below grade with extremely hot weather conditions exceeding a 100 degree heat index. A fan was put in place to introduce fresh air as Engine 16 and Truck 3 dug to expose the pipe. Rescue 2 cut the pipe and used multiple spreading devices to free the woman from her entrapment. Heavy equipment had to be brought in by Menomonee Falls due to the challenging conditions the crews faced during the 90-minute rescue operation. The creativity and perseverance of all involved led to the successful removal of the woman without serious injury.



EMERGENCY
MEDICAL
SERVICES

The modern fire service is best described as an “all hazards response agency,” and similar to most other major U.S. cities, the majority of the 9-1-1 calls that the Milwaukee Fire Department responds to are medical in nature. The EMS Division of the department is responsible for the management of the medical mission which includes emergency responses, personalized non-emergency responses for targeted patient groups, quality control and improvement, education, and a substantial logistics section which manages millions of dollars in health care technology and supplies ranging from bandages to web-enabled cardiac telemetry machines.

The Members That Make Medicine Happen

The over 700 sworn members of the MFD provide two levels of emergency medical care. Care at the Basic Life Support Level (BLS) is typically delivered by engine and truck companies, while Advanced Life Support (ALS) care and transport is primarily provided by twelve paramedic (MED) transport units. The department’s 30 engines, 11 truck and rescue companies collectively, host more than 500 emergency medical technicians (EMTs), and holds its status as the largest EMT service in the State of Wisconsin.

ALS care continues to be the gold standard for pre-hospital medicine in the nation as more people are living with complex medical conditions. The continued integration of paramedic training within the Fire Cadet Program provides the staff necessary to sustain the level of service that the citizens of Milwaukee deserve. The year 2019 was a milestone year for the MFD as it reached 200 paramedic trained members who serve at multiple operational and administrative levels of the MFD. This milestone demonstrates that the MFD is well on its way to a long sought-after strategic goal of placing a paramedic on every apparatus, and enabling the capacity for paramedic assessment on all medical calls, a goal that has been unobtainable since the 1990’s when the idea first emerged.

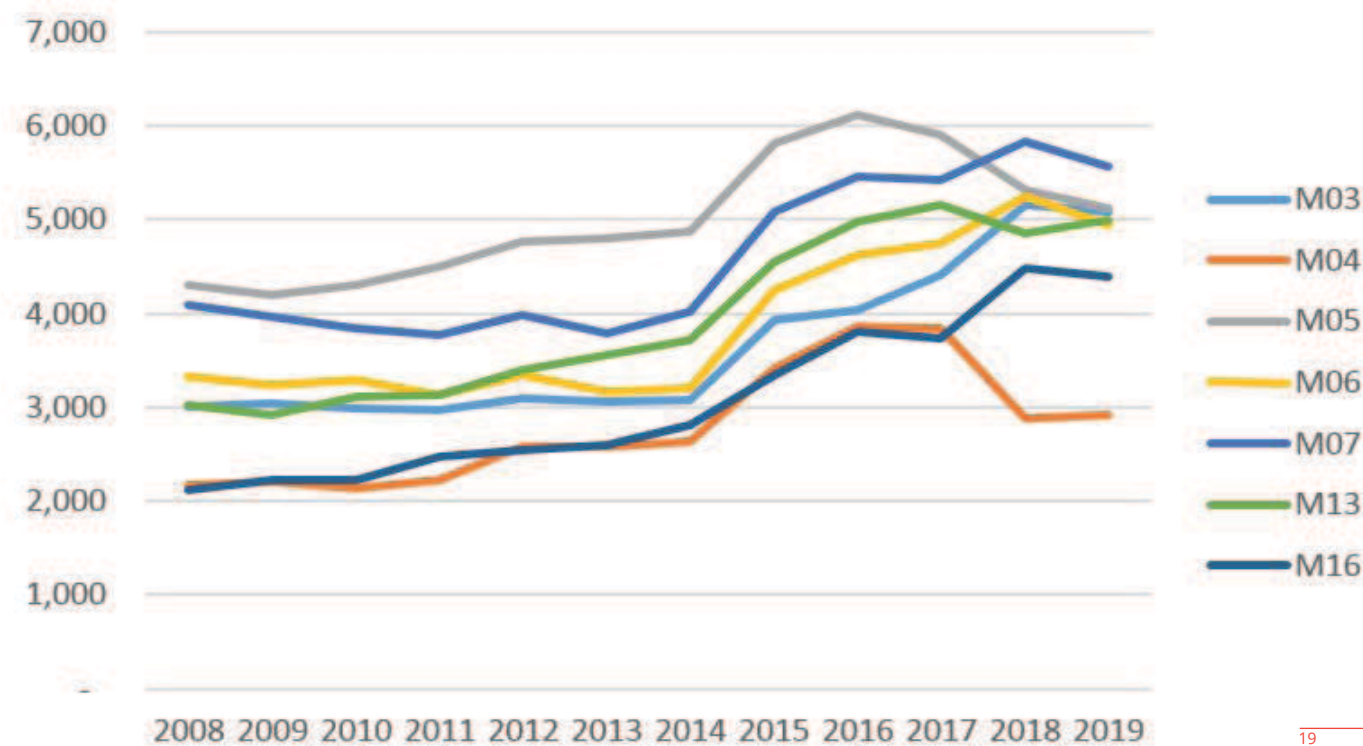
Increased Call Volume: The MFD’s Response

There was an increase in both the number of calls, as well as the average number of calls to which individual apparatus responded. Operationally, MED units continue to be the



department’s busiest apparatus, with more than 44,000 responses in 2019. Seven of the twelve MEDs continue to be among the busiest in the total apparatus fleet, each responding to over 3000 emergency calls per year.

A slight reduction in MED unit calls in 2019 was made possible due to an innovative pilot program which deployed a paramedic-staffed alternative response vehicle (ARV) for a month to mid- and low-acuity calls throughout the city. This pilot removed 700 responses from the system for apparatus during its 30-day trial; however, the trade-off was slightly longer average response times. This run reduction was on top of the sustained work of the MFD’s Mobile Integrated Healthcare (MIH) Program, which continues to remove thousands of emergency responses from the 9-1-1 system, replacing them with directed care from MFD paramedics, partnered with supplemental providers, form a myriad of community partners.



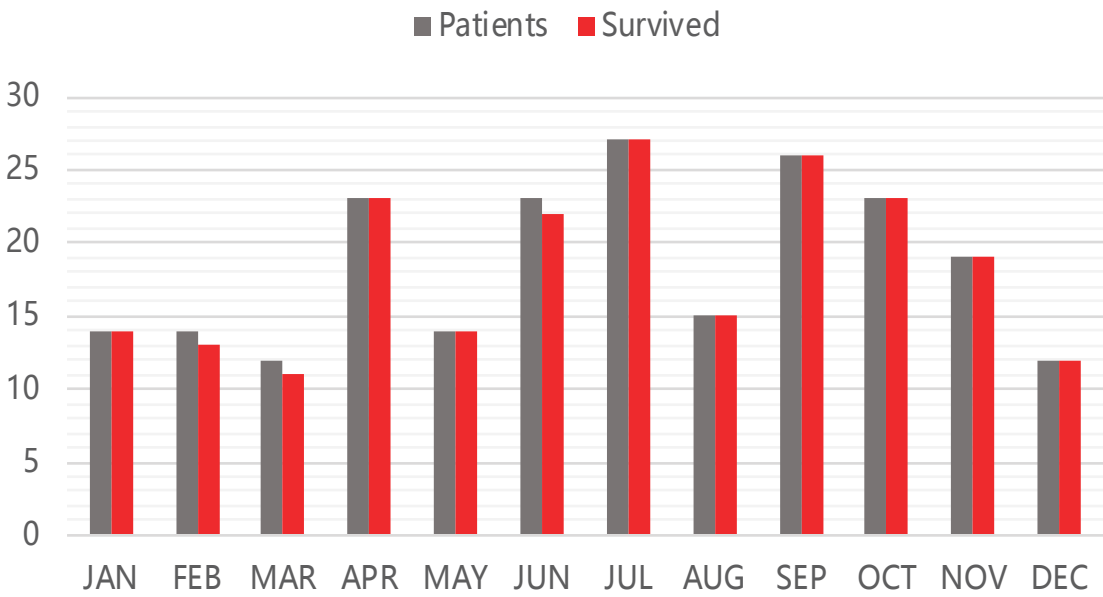


EMERGENCY
MEDICAL SERVICES

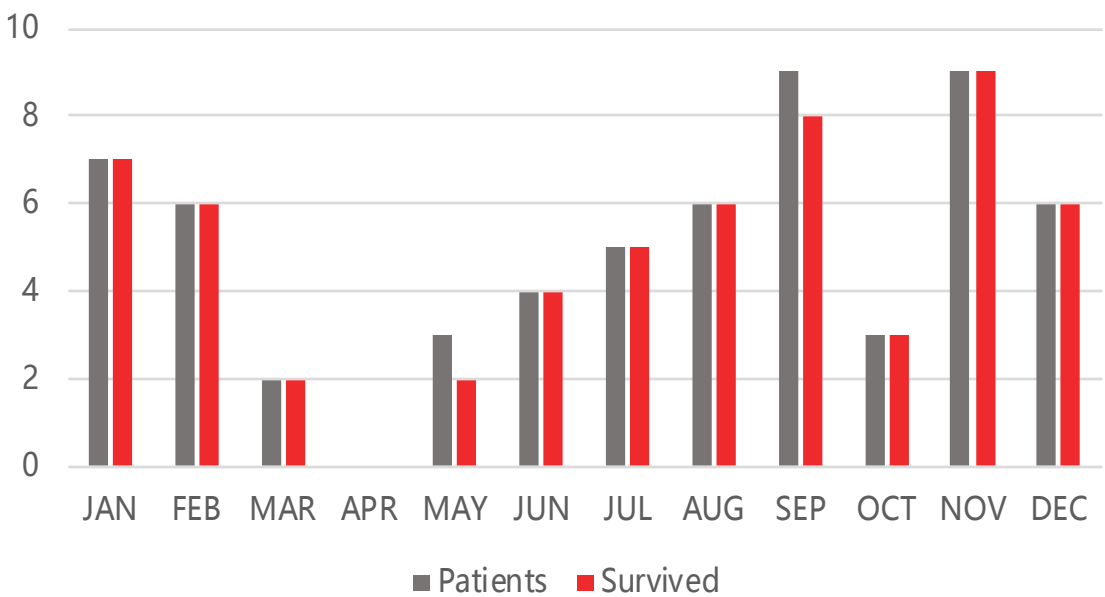
2019 Medical Calls for Service: The Numbers

Call Types	# of calls	% of Total
Cardiovascular	5236	9.2%
Chest Pain	4473	85.4%
CHF	141	2.7%
Dysrhythmia	304	5.8%
General	318	6.1%
General Medicine	20952	36.9%
Allergy	283	1.4%
Endocrine	1467	7.0%
General	15128	72.2%
Hematologic	101	0.5%
Infection	607	2.9%
Metabolic	11	0.1%
Ocular	10	0.0%
Pain	1333	6.4%
Psychiatric	2012	9.6%
GI-GU-GYN	3801	6.7%
GI	2660	70.0%
GU	413	10.9%
OB	728	19.2%
Neurologic	6376	11.2%
General	3006	47.1%
Headache	1202	18.9%
Infection	1	0.0%
Seizure	1719	27.0%
Stroke	448	7.0%
Not Recorded	4053	7.1%
Not Recorded	4053	100.0%
Respiratory-Airway	7369	13.0%
Airway	17	0.2%
Infection	132	1.8%
Respiratory	7180	97.4%
Toxin	40	0.5%
Resuscitation	958	1.7%
Cardiac Arrest	958	100.0%
Toxin & Environmental	2073	3.7%
Environmental	54	2.6%
Toxin	2019	97.4%
Trauma	5731	10.1%
Burn	51	0.9%
General	5630	98.2%
Neurologic	50	0.9%
Unknown	155	0.3%
Unknown	155	100.0%
Grand Total	56704	100.0%

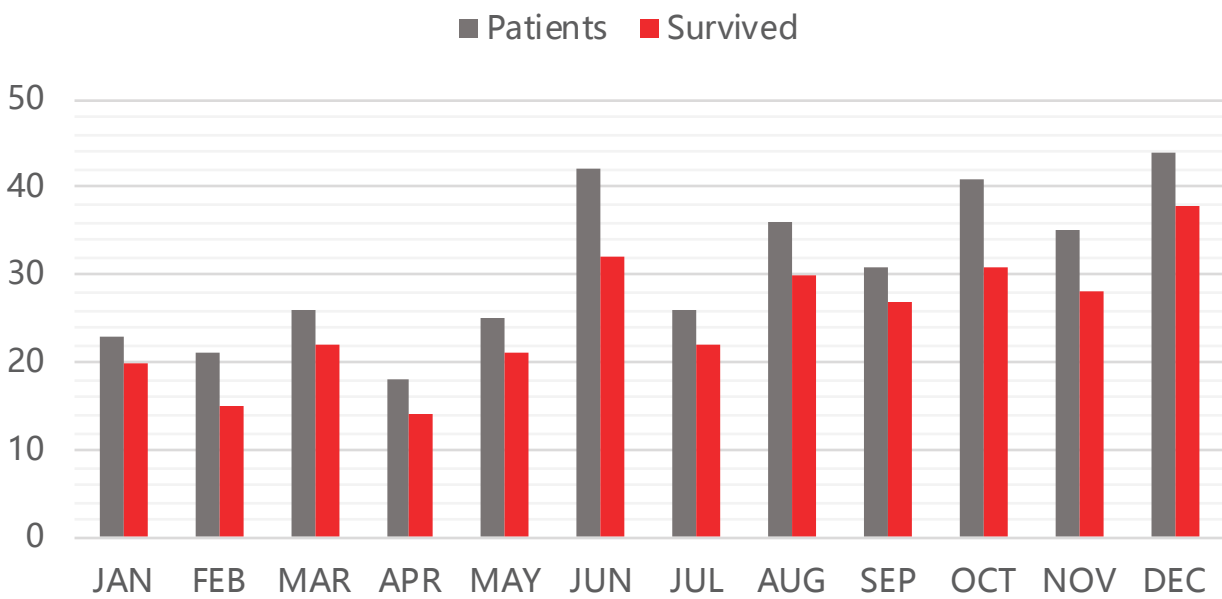
Stabbing Patients



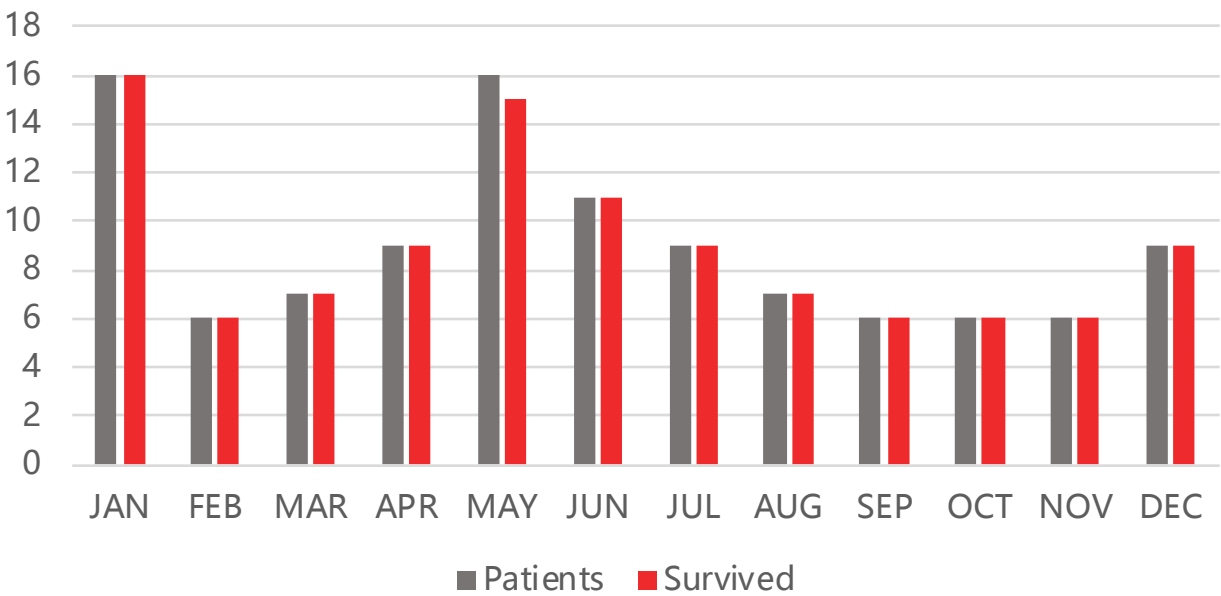
Smoke Inhalation Patients



Gun Shot Wound Patients



Burn Patients



EMERGENCY
MEDICAL
SERVICES

In 2019, the MFD partnered with the Milwaukee County Office of Emergency Management (OEM), its medical oversight body, to apply for a federal grant to integrate a nurse triage line, and develop alternative transport destinations for low acuity patients. The new OEM Medical Director, Dr. Ben Weston, and a new MFD EMS Deputy Chief began to lay the foundation of collaborative evaluation and research partnerships to identify and operationalize ways to increase the quality of care, while also working with a variety of private and public partners to address some of the most pressing problems facing Milwaukee’s EMS system.

EMS Responses: The Numbers

Opioid responses, car accidents, and homicides continue to make up a substantial portion of the MFD's 9-1-1 medical responses; however, these numbers are in addition to the toll that chronic disease continues to levy on the residents of Milwaukee. Consistent with data from the U.S. Centers for Disease Control and Prevention (CDC), respiratory issues continue to be the most frequent 9-1-1 call, and reason for hospitalization. Car accidents have also crept into the top five MFD responses, a predictable subset of the reckless driving that the city is dealing with.

Top five call types; top apparatus response by call type

Top five 9-1-1 call types		Top responding apparatus by call type	
Breathing Problems (code 6)	18,452	MED 5	998
Chest Pain (code 10)	12,403	MED 3	807
Sick Person (code 26)	8,807	MED 6	380
Traffic Accidents (code 29)	7,702	Engine 13	447
Unconscious* (code 31)	7,127	MED 6	500

*These numbers represent 9-1-1 calls, not the condition of the “patients found” or what they were ultimately treated for. Most opioid responses fall into the “unconscious” call category.

EMS Education

Three EMT basic courses, one specifically directed at fire cadets, and two in concert with the recruiting section for a planned recruit class, were conducted. These three courses, totaling more than 1000 hours of clinical and class hours, were administered and managed by the talented MFD EMS education staff, headed by a training coordinator. The MFD continues to hold a designation as its own EMS training center, providing initial and continuing education for hundreds of EMTs.

Seventeen paramedics completed paramedic training in 2019 through the unique partnership with Milwaukee Area Technical College. Another fifteen existing fire paramedics completed their probation and started independent practice on a variety of engine and truck companies throughout the city. Total paramedic staff reached 200 in 2019, including 2 Deputy Chiefs, 6 Battalion Chiefs, 8 captains, 48 lieutenants, and 33 heavy equipment operators, with the balance of staff functioning as paramedic firefighters.

Mobile Integrated Healthcare (MIH)

The MFD’s MIH Program continues to play an integral role in how the MFD delivers healthcare and manages some of the most challenging patient populations in the city. An essential part of the long-term plan to reduce call volume in the city, MIH took care of 638 patients in 2019 across all programs which included the Milwaukee Overdose Response Initiative (MORI), Post Discharge Evaluation Program, and Coverdell Stroke Study, along with high-utilizers of the 9-1-1 system, as well as those referred by MFD first responders. The year also witnessed the creation of a unique partnership with the CDC and the Wisconsin Department of Health Services (DHS) to complete post discharge assessments for local stroke patients. The Coverdell Stroke Program was initiated in 2016 through a five-year grant, and will continue to provide valuable insights into stroke management and prevention.

Finally, in continuing efforts to play a role in tackling the international opioid crisis, the MFD was able to lay the foundation for a dedicated opioid response program. An initial funding injection of \$100,000 from the City of Milwaukee Common Council laid the foundation and supported planning and research for MORI. This investment provided the foundation for the City of Milwaukee Health Department and the MFD to be awarded a competitive grant from the National Association of City and County Health Officials (NACCHO) to address the local opioid epidemic. The MFD’s MIH Program was a natural fit for this initiative as the department was able to use its five years of experience with coalition building, its enhanced community paramedic education, and its existing infrastructure to provide rapid response to opioid overdoses in the community. Thanks to the dedicated support of NACCHO, this innovative pilot, which targets mortality reduction, will run through July of 2020.

SPECIAL
OPERATIONS

The MFD Special Operations Division operates as the “specialized rescue” component of the department. The division includes seven teams, each with specialized training and equipment that allows them to effectively manage emergent situations within their respective field of expertise. The division is led by a Deputy Chief who oversees the ten directors and twenty assistant directors who supervise the teams. In total, this division is comprised of over 340 sworn fire personnel, each of whom engage in countless hours of training to remain well-equipped to meet the dynamic hazards and challenges associated with specialized rescues. This unique training is in addition to the hours spent performing their customary firefighting and emergency medical service training and duties.

Beyond specialized crisis rescues, the Special Operations Division also provides emergency event planning and standby services for many of its public and private partners. The division plays an integral role

in providing citizens with the highest level of public safety during Milwaukee’s busy festival season, and during the numerous social events that occur along the lakefront each year.

The Deputy Chief of Special Operations plays an important role in creating and fostering relationships between local, state, and federal officials. This collaboration between the agencies ensures that open lines of communication exist so that homeland security issues can be quickly identified and resolved. Not surprising, preparing emergency support for dignitary visits falls under the jurisdiction of this division as well.



HAZARDOUS MATERIALS TEAM (HAZMAT)

The MFD Hazardous Materials (HazMat) Team began in 1982 as a remedy to small-scale fuel spills and other similar situations. The team is 80 members strong, and the headquarters is located at Station 33, 4515 West Burnham Street which is home to Engine 33, Truck 16, HazMat 1 and HazMat 2. In addition to all of the members being hazmat technicians, some also serve in instruction and outreach roles, locally, throughout the state, and around the nation. The team has ongoing relationships with entities such as the FBI, Drug Enforcement Administration, Homeland Security, State Lab of Hygiene, 54th Civil Support Team, Wisconsin Emergency Management, the City of Milwaukee Health Department, and surrounding fire departments.

As the world changes, so too has the HazMat Team. Along with the typical fuel spills, household chemical mishaps, and industrial chemical leaks, the team specializes in weapons of mass destruction, illicit labs, terror threats, and radiological events. As one of only two Tier 1 teams in the state, it is tasked with responding to high-profile situations anywhere in the southern half of Wisconsin, and will have a large role in the 2020 Democratic National Convention. Along with responding in person to events, team members serve in an advisory role via telephone for hazmat incidents, which allows MFD physical assets to remain available.

HEAVY URBAN RESCUE TEAM (HURT)

The MFD Heavy Urban Rescue Team (HURT) was established in 1995 as a consolidation of the Rope Rescue Team and the Deep Tunnel Team. Since this merger, the HURT’s capabilities have grown to include confined space rescue, trench rescue, structural collapse rescue, high and low angle rope rescue, advanced auto extrication, heavy vehicle lifting and stabilization, man-in-machine rescue, firefighter survival, and others. The HURT also handled deep tunnel rescue for several years in the early 2000’s. The HURT was originally housed at Station 12 located at 1400 South 9th Street on Milwaukee’s near south side. The HURT has improved its complement of rigs and equipment each year to meet the technical rescue needs of the City of Milwaukee and its shared services partners.

Two fully staffed heavy rescue companies were established in January of 2012. The addition of the rescue units resulted in the team being split into two separate station houses. Rescue 1 is housed at 1400 South 9th Street along with Engine 23 and Rescue 4 (trench and structural collapse rescue rig), and Rescue 2 is housed at 4927 West Fiebrantz Avenue along with Engine 24. These two locations provide the city with enhanced technical rescue coverage as well as additional training opportunities. The HURT has partnered with several public and private organizations to gain realistic training and experience in a variety of rescue situations.

SPECIAL
OPERATIONS

DIVE TEAM

The MFD Dive Rescue Team was founded in 1961 by a group of dedicated firefighters who volunteered to go through a Navy training program after they recognized the need for water rescue capabilities. The team is stationed at Fire Station 2, located at 755 North James Lovell Street, and consists of 46 dedicated members that train monthly to maintain their skills in a multitude of disciplines. Those disciplines include, but are not limited to, deep diving, night diving, river rescue, swift water rescue, submerged auto rescue, thin ice rescue, and ice diving.

The recent revitalization of Milwaukee’s downtown and Third Ward areas have increased the need for this team, which averages more than 40 dive calls per year. Population in these areas have increased, as have the number of planned events. The Dive Team stands by and provides protection at events throughout the year, including the Polar Plunge on New Year’s Day, a Polar Plunge for Special Olympics, the Air and Water Show, and the Triathlon. Additionally, the Dive Team is prepared for water-related emergencies at summer festivals at Henry Maier Festival Park, Milwaukee’s beaches, or in one of Milwaukee’s busy riverways. On Lake Michigan, the Dive Team works in concert with the MFD Boat Team, Milwaukee Police Department Dive Team, and the US Coast Guard.



BOAT TEAM

The MFD Boat Team has been proudly and dutifully serving the citizens of, and visitors to, the City of Milwaukee for over 121 years. They provide fire, EMS, and rescue services for the many waterways, shorelines, and off-shore areas extending 40 nautical miles east into Lake Michigan.

The MFD Boat Team is the oldest of all the specialized teams; existing since delivery of the first boat in 1889. The current fireboat, the Trident, is the 11th edition in a long line of capable vessels. The Trident is a model of technology with twin 570 hp Cummins diesel engines supplying power to jet propelled drives capable of pushing the 39 foot Metalcraft Marine Boat over 35knots. It has the capability of flowing 3400gpm for fighting nearshore or offshore fires, can transport up to three critically injured victims with advanced life support care, and can perform offshore search and rescue with state of the art radar, forward-looking infrared cameras, radio direction finder, along with sonar searches beneath the water’s surface.

Team members train diligently to remain proficient and ready to respond to any incident in all types of weather. They spend over 100 hours per year on and off the water keeping skills sharp to provide the best possible service. Many members possess nationally recognized certifications in search and rescue boat operations, and the team continues to strive to gain more knowledge and experience every year.

In recent years, the team has worked more closely within the MFD Marine Division which comprises the Boat and Dive Teams; there is continual cross-training to provide support for diving operations with the 17’ Zodiac inflatable boat. This craft is utilized extensively allowing the divers to focus on the extremely dangerous job they must do. They annually train with partners, the Milwaukee Police Department Boat Team, the Wisconsin Department of Natural Resources, and the US Coast Guard. These inter-agency trainings prepare all entities to function efficiently and seamlessly should the need arise during a major incident on the waterways.

The MFD Boat Team is an important part of the service the City of Milwaukee is obligated to provide for its citizens. The City of Milwaukee is fortunate to have such beautiful natural resources as lakes and rivers, and the people utilizing these natural resources can rest safely knowing the well-trained and equipped men and women of the MFD Boat Team are there should they be needed.

SPECIAL
OPERATIONS

TACTICAL EMERGENCY MEDICAL SERVICES TEAM

The Tactical Emergency Medical Services (TEMS) Team consists of MFD paramedics who provide medical care and support for both law enforcement and civilians during high risk law enforcement incidents. In 2019, the team completed the move to Station 9 located at 4141 West Mill Road. The TEMS-specific engine provides the City of Milwaukee with four paramedics allowing the department the ability to staff two additional ALS units when peak volume occurs. When paramedics are required to ‘surge,’ the engine company is placed out-of-service and MED units 20 and 21 are placed in-service.

In 2019, the TEMS team responded to over 200 requests from the Milwaukee Police Department (MPD) to ensure both civilians and members of the MPD had immediate access to advanced life support care during high-risk tactical incidents. This represented an approximate 30% increase in requests over 2018. These included both scheduled requests (i.e. high risk warrant service), and also more dynamic critical situations (i.e., hostage or standoff incidents), in which there is an increased risk of traumatic injury.

A majority of the team members hold several local and national certifications that exemplify their commitment to improving their skillset and proficiency in protecting both civilians and first responders including Counter Narcotics and Terrorism Operating Medical Support (CONTOMS), and the Law Enforcement Tactical Emergency Casualty Care (LE-TECC).

HONOR GUARD

The Milwaukee Firefighters Honor Guard (MFHG) was founded on January 1, 1996, by Lieutenant Randy Leach. Lieutenant Leach identified a need for the Milwaukee Fire Department (MFD) to have its own honor guard, so with the help of a handful of other active MFD members, the MFHG was established! Since its inception, the MFHG has continued to grow in order to meet the demands for services. The team is currently comprised of 30 active or retired Milwaukee firefighters who volunteer their time to provide services for the Milwaukee community, statewide, and nationally. In 2018, the MFHG received non-profit 501(c)(3) status; all funding comes from private donations.

The MFHG has been proudly standing by its mission to honor all MFD members and care for their families. Their primary responsibility is to stand casket guard at member funerals, whether of retirees, or those who were still actively employed; however, additionally they provide pallbearer duties, posting/ retrieving of colors, and folding of the flag and presenting it to families of the fallen. In larger scenarios they march colors in parades, and present colors for sports venues.

Just as firefighters train to keep their skills honed, the MFHG trains to keep its skills sharp. In 2019, quarterly trainings took place in conjunction with honor guards from

the departments of North Shore Fire, West Allis Fire, Wauwatosa Fire, and Greenfield Fire. Trainings included marching, facing, saluting, pallbearer and casket guard duties, flag folding, and administrative sessions on how to plan, coordinate, and run funerals. The guard was also very fortunate to be able to incorporate a training at Mitchell International Airport with the use of the Milwaukee County Fire Department's training plane. This plane allowed for practice loading and unloading of a casket from an airplane. The MFHG also maintains a great working relationship with several area funeral homes and churches which offer their facilities as training sites.

Members of the MFHG, along with members of honor guards from North Shore (WI) Fire Department, Topeka (KS) Fire Department, Lincoln (NE) Fire Department, Minneapolis (MN) Fire Department, Dane County (WI) EMS, and Calgary (CAN) Fire Department host an annual honor guard clinic in Milwaukee. In 2019, instructors shared skills and knowledge with ninety students from police and fire departments across the country. Upon request, these instructors also travel across the U.S. to teach clinics.



SPECIAL
OPERATIONS

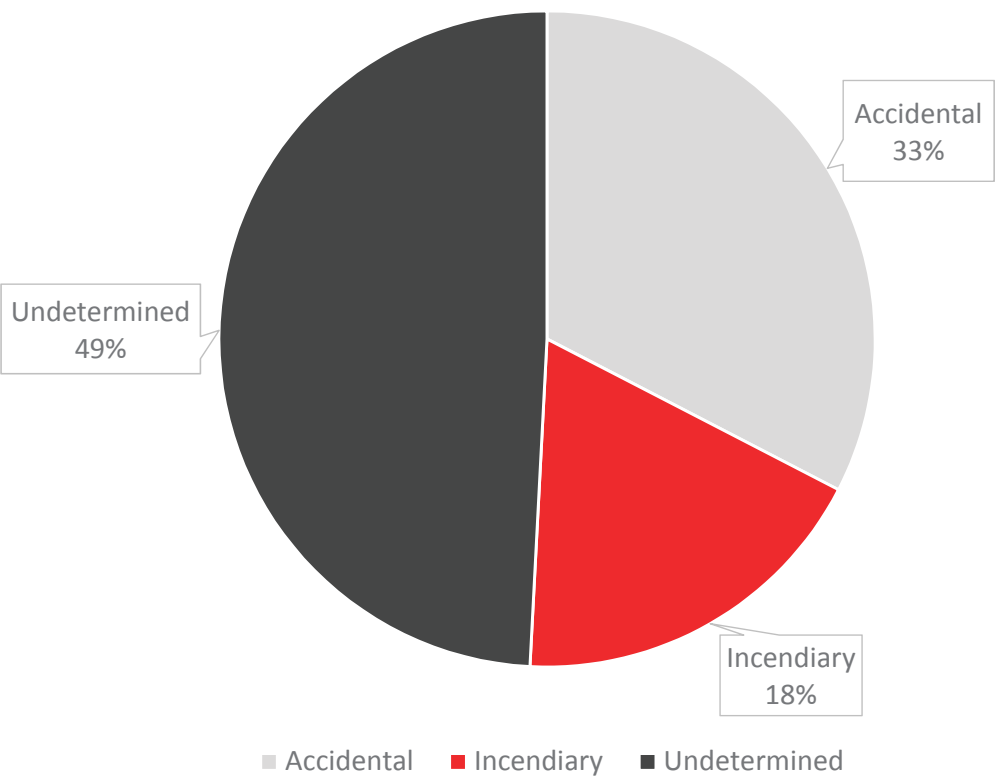
FIRE INVESTIGATION UNIT

The Milwaukee Fire Investigation Unit (FIU), founded in 2009, is a branch of the MFD Special Operations Division. The FIU has 43 specially trained members, with one 24-hour investigator on duty at all times operating out of Station 2. All FIU members are IAAI-FIT (Fire Investigation Technician) certified with some members also working towards IAAI-CFI (Certified Fire Investigator) certification.

The FIU is mandated by state laws and municipal ordinance to determine the cause and origin of fires within the City of Milwaukee, and is dispatched to scenes with damages over \$10,000, fire fatalities, fire injuries, and suspicious, incendiary, or trend-fires, responding with a vehicle that is

outfitted with tools and equipment needed to support on-scene fire investigations. The FIU reports annually on fire-related incidents using NFPA 921's four general classifications: incendiary, accidental, natural, and undetermined. Working with multiple agencies such as the Milwaukee Police Department, the Federal Bureau of Alcohol, Tobacco, and Firearms (ATF), and the State Fire Marshal, determinations of how fires started are achieved, and then if criminal charges need to be pursued, the FIU works with the criminal justice system to support criminal charges through arrest, and if found guilty, sentencing.

Investigated Fires - 2019



INCIDENT COMMAND POST

The MFD Incident Command Post Team was officially founded as an MFD special team on January 1, 2012. Crews respond with a state-of-the-art communications R/V that has internet, phone, fax, lighting, and recording capabilities. The team is housed at Station 12, located at 2130 West Oklahoma Avenue. The team consists of 42 total members who specialize in providing support to the command staff at major incidents, improving the safety of the public as well as department members.

Examples of responding incident types include second alarm and greater fires, high-rise fires, hazardous materials incidents, and active-shooter situations. This team is available to surrounding communities through the shared services initiative. The team and equipment are also utilized at large events around the city, such as July 3rd Fireworks, Lakefront Marathon, US Bank Marathon, Al's Run, and the Air & Water Show.

The Incident Command Post Team also incorporates unmanned aerial system (UAS/drone) technology at incidents as requested, which provides a high resolution view of the entire emergency scene. Thermal imaging capabilities are attached to the drone which helps to locate hotspots in a building fire, as well as to aide in search and rescue missions, and structural collapses.

COMMUNITY RELATIONS



The Community Relations Section is comprised of a dedicated staff which reaches out to the public to teach various fire and health safety programs. Instruction on properly functioning smoke alarms, evacuation planning and preparedness, fire extinguisher use, emergency medical services, elder care, and the career of firefighting are just a sampling of the programs offered. The section is led by a fire lieutenant, serving as the director, and is rounded out by three dedicated firefighters serving as fire education specialists. Together, they spearhead the education of the citizens of Milwaukee on matters pertaining to fire and health safety.

As Hands-Only CPR gained momentum this year, the number of people trained increased by 74.5% compared to 2018.

- 15,824 smoke alarm contacts were made
- 2,029 smoke alarms were installed
- 23,167 smoke alarms were found present and operating
- 26,895 MFD-initiated community visits took place

MOBILE SURVIVE ALIVE UNIT



In 2019, the Community Relations Section added a new Survive Alive House mobile unit to its brigade. In addition to a fundraising gala held in 2018, a grant from the Pieper Power Foundation set the ball rolling to create this mobile educational vehicle used throughout the city to teach fire safety via a safe hands-on environment. An organization from Indiana, the REV Group, which produces fire trucks and state-of-the-art recreation vehicles, designed and manufactured this first-of-its-kind unit. Finally, to ensure this

new mobile unit is an eye-catcher, the MFD's local graphic's partner, the Traction Factory, used a custom-designed shrink wrap to complete the project. The Milwaukee Fire Department, and all the children who will benefit from the life-saving instruction this RV and MFD members will bring, are exceptionally grateful for this gift that will keep on giving for years to come. Community Relations saw an increase of 88.9% in the number of Mobile Survive Alive events from 2018 to 2019.

JUNIOR FIRE INSTITUTE

The Milwaukee Fire Department Junior Fire Institute (JFI) continues to maintain its non-profit status, providing a fun, safe, and rewarding program to all students at absolutely no charge, ensuring program accessibility to all members of the community. The JFI 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 during the course of the year.

The Milwaukee Fire Department has a rich history of serving the youth of the community and has been working with local students for over twenty years. JFI advisors are volunteers from the Milwaukee Fire Department, surrounding fire departments, and civilian members of the community. The

program continued to grow in 2019, with over 150 registered students and a monthly attendance of 40-50. Students continue to be an excellent representation of the rich diversity of the City of Milwaukee. Currently, the Milwaukee Fire Department employs 44 JFI alumni!

The JFI meets monthly, typically the first Saturday of each month from 9:00am to 12:00pm at the MFD Training Academy, located at 6680 North Teutonia Avenue. Students have the opportunity to learn fire service skills such as SCBA use and care, engine company operations, confined space drills, truck company operations, fire extinguisher training, as well as leadership with a focus on courage, integrity, and honor.

These meetings serve to help students decide if firefighting and emergency medical technician careers are ones they would like to pursue. Parents/guardians are always welcome to attend monthly meetings and volunteer during community service events. Students are also provided with opportunities to volunteer at different events such as neighborhood clean ups, Children's Respite Day, and The American Lung Association US Bank Stair Climb. Students are strongly encouraged to add volunteerism into their lives beyond the JFI opportunities.

In 2019, the JFI hosted its Sixth Annual Summer Training Camp. Students participated in a four-day/three-night camp at which they were taught about

teamwork, tradition, honor, courage, and pride, while working within a dynamic, changing environment. They participated in a multitude of classes and hands-on experiences, were provided overnight accommodations in a dorm-style setting, and provided nutritional well-balanced meals. In order to make this successful, over 100 adult volunteers from the MFD and community partners came together for a safe, enjoyable, and rewarding experience. Special thanks to The House of Harley, Aurora Health Care nurses, and the local Milwaukee Wisconsin Harley Owners Group (HOG).



TRAINING

The Training Division is responsible for firefighter skills training and internal professional development programs for all sworn members. The division develops curricula for a wide variety of topics, provides the actual training, and tracks member compliance. Firefighters start their careers with the MFD in formal recruit or cadet training, and continue to learn through in-service style training throughout their careers.

- In 2019, the lead training instructors conducted over 1000 hours of training, including 100 "live" training burns utilizing 15 vacant buildings provided by the Department of Neighborhood Services.
- In a redesigned confidence course, April through May, conducted in-service training to MFD personnel and Shared Services partners on transitional attack, forced entry, and SCBA use.
- In June, Professional Development Program hands-on training included roof, ladder, and engine operations.
- On June 5, twelve participants from academic partners Concordia, Marquette, and UWM, participated in "Firefighter for a Day," with the objective of allowing a first-hand experience of the fire service and operations in which dual trained EMT- firefighters provide patient care at emergency scenes. Drills included extrication, an SCBA confidence course, climbing ladders, hose-line advancement, and EMS/patient movement.
- June 25 - 28 and again July 8 - 9, along with UWM and Dr. Ebersol, the department facilitated phase two of the "Heart Rate Study." Sixteen volunteers from the field participated in live fire drills for the study participants to operate as both engine and truck companies.
- Conducted a 16-week fire academy training for 42 fire recruits with a teaching staff of five instructors and two adjunct instructors. Curriculum included Wisconsin State Level Firefighter I, State Level

Firefighter II, Haz-Mat, and all of the MFD's operating procedures.

- Assisted the Fire Investigation Unit Class by assisting with and prepping wood-frame constructed freestanding cells for live burns.
- Assisted in the training and distribution of several pieces of equipment; TFT BLITZFIRE Portable Monitor, Holmatro extrication equipment, and K65 FLIR thermal image cameras.
- Designed and re-purposed the training academy roof prop to provide a safe and practical option for learning basic cutting and pulling techniques during roof operations.
- Tested and evaluated turnout gear from Fire-Dex.

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"The mind is not a vessel to be filled, but a fire to be kindled."



CADET PROGRAM

In 2019, MFD Cadet Command was responsible for 17 second-year students, Class of 2017, and 25 first-year students, Class of 2018. The MFD's Fire Cadet Program is a mentally, physically, and emotionally demanding program that readies young men and women to be successful when they enter a fire recruit class to train to become full-fledged Milwaukee firefighters. Over 2.5 years of training, mentoring and leadership, and skills-testing are required from the cadets so that all certifications, academic, and physical requirements are met in accordance with the high standards of the MFD. The certifications acquired during their training include State of Wisconsin Level I Firefighter, Nationally Registered Emergency Medical Technician (EMT), Spanish for First Responders, Anatomy and Physiology, and Driver/Operator training. In addition, thirteen of the cadets from the 2017 class, completed National Registry Paramedic Training and went into the field in November of 2019 as Firefighter/Paramedics. Cadets also receive cultural competency training each month with Cadet Command bringing in guest speakers to cover a wide array of topics. This training gives the cadets extended exposure to different cultures, trends, and life-lessons. In the spirit of "giving back to the community" cadets serve as mentors to students at Vieau Street School, and as Big Brothers Big Sisters for a year.

The 2017 Class graduated from the program in July of 2019, entering recruit training the following week. After four months of recruit training, 15 former cadets became firefighters and entered the field serving the community. The Class of 2018 completed their Firefighter Level I training, EMT, and Spanish Class as well as their mentorship with Big Brothers Big Sisters; they will proceed with paramedic training. During paramedic training, cadets perform "clinicals," defined as spending time in hospital emergency and operating rooms to gain exposure to various medical emergencies and techniques. They also spend time performing MFD MED unit ride-alongs in which they experience "real" calls for service. This exposure gives the cadets an actual view of what they will be doing after graduation from recruit training. After completing paramedic coursework, the cadets complete driver/operator training. Once all coursework is completed, they enter into the next scheduled fire recruit class to complete their extensive and rewarding journey to becoming expertly trained Milwaukee firefighters.

In August of 2019 a new cadet class of 27 began. They will follow in the path of previous classes learning expectations, and successfully meeting rigorous demands. The program continually adds new opportunities to the curriculum; these cadets are executing community service by performing blood pressure, blood sugar, and pulse rate checks at local grocery stores for customers. Welcome Class of 2019!

The all-encompassing Fire Cadet Program provides not only extensive knowledge in both fire and emergency medical circumstances, but also life-long experiences beyond formal education to include community service, cultural competency, mentorship, leadership, and friendship. Being a cadet, being a firefighter, is being part of a family, larger than their own, a family they can count on through many tough situations, as well as sharing in their personal joys. This profession requires a well-educated, well-rounded, compassionate and dedicated individual to fill those boots, and the 100-week journey of the Fire Cadet Program is the start of what gets them there.



TRAINING & EDUCATION

HEALTH & SAFETY

The Health and Safety Division is comprised of a Fire Health and Safety Manager and an Athletic Trainer who encourage and strive to ensure department members remain mentally and physically fit, and healthy. The efforts of the very successful Health & Safety Program over the last ten years has contributed to a 74% reduction in the number of lost time injuries, an 84% reduction in injury leave hours, a 78% reduction in injury pay, and a 70% reduction in total injuries.

In addition to supportive hands-on efforts to assist with getting injured members back to work as soon as medically possible, it remains a very real priority to study department injuries in order to develop protocols to prevent future injuries. After a slight spike in total injuries in 2015, injury hours and pay have seen consistent decreases. This is attributed to the on-boarding of the full-time Athletic Trainer who has helped tremendously in the effort to expand protocol development and department-wide education to prevent future injuries.

Peer Fitness/Injury Prevention

2019 saw a vast increase in the number of members completing their MFD Wellness Fitness Initiative Assessment. Roughly 250 members gained healthy rewards points for completing the entire assessment process.

There was also a substantial increase in interest, attendance, and adherence for the Fit Camps focused on injury prevention and overall member health. New Fit Camps were developed to focus on firefighters' interests outside of work, specifically a Hockey Fit Camp that was very well attended.

There was a decreased injury call load indicating a healthier population.

Peer Support/Mental Health Wellness

The team had over 300 Peer Support contacts with members. A positive response was received for a formal debriefing process initiated with both dispatch and field personnel following two critical incidents.

An in-service focusing on mental health wellness also received very positive feedback, specifically, senior members of the department commenting that it was the best training they have ever received!



CONSTRUCTION
& MAINTENANCE

With the highest regard for safety, readiness, and responsibility, the Construction and Maintenance Division provides unwavering and exemplary service to department members, and the citizens of Milwaukee through designing, purchasing, and maintaining a fleet of 200 vehicles which are at-the-ready to respond. In addition, this minimal staff of 28 maintains 40 fire stations and service buildings, as well as firefighting and medical equipment including extrication and self-contained breathing apparatus. In addition to the vital day-to-day tasks of building, fleet, and equipment upkeep, this division supports other city departments, state and federal agencies, nearby protective services departments, and participates in community relations/training programs, and spearheads the cancer prevention/firefighter safety initiative.



2019 Highlights

- ❑ **Cancer Prevention** > installed protective gear cleaning extractors in every fire station
- ❑ **Safety Improvement** > hearing protection added in emergency response vehicles
- ❑ **Equipment Upgrades** > extrication equipment upgraded
- ❑ **Prevention/Education** > designed and formulated a one-of-a-kind mobile *Survive Alive House*
- ❑ **Response Vehicles** > formulated new specifications to increase safety and lower carcinogen risk in redesigned tower trucks, and a regional hazardous materials response apparatus
- ❑ **Grants** > applied for, and received, a \$240,000 Assistance to Firefighter Grant to furnish treadmills in every fire station, and purchase 14 automatic CPR devices
- ❑ **Youth Mentoring** > Provided 1,280 hours of mentoring and training to MFD fire cadets, and provided tours and instruction to local high school students and Girl and Boy Scout troops
- ❑ **Community Relations** > Assisted with providing 8,000 new winter coats to children in Milwaukee elementary schools; assisted with 20 community events utilizing the Mobile Community Pizza Oven.

TECHNICAL
SERVICES

The Technical Services Division includes the department's 9-1-1 call-taking and dispatch center as well as the responsibility to purchase, support, and maintain all electronic technology-based devices, systems, applications, and peripheral equipment used by the department. The mission is to support all of these systems in a manner that enhances the department's effectiveness in a manner that is invisible to the end-user. In 2019, in conjunction with Milwaukee County, the staff began planning for Phase II of the county-wide shared CAD system, FATPOT/Tellus.

Electronic equipment support includes 44 servers, over 500 desktop, laptop, tablet, and vehicle-mounted computers, over 400 desk and cell phones, and 655 mobile and portable radios. The department's video conferencing system at all 30 fire stations and administrative locations is also supported by this division.

In addition to ad hoc data requests, the Technical Services Division staff compiles statistical and response data which is 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

ADMINISTRATION

The Administration Division, along with the Budget and Finance Section are located at 711 West Wells Street on the third floor of Fire Station #2. This small, yet efficient and dependable staff, handles the human resources functions for all department members, handles budgeting and financial aspects of the department as a whole, and daily provides fire and emergency medical services reports to requesters. The offices of the Chief and Assistant Chiefs are also at

annual schedules.

In 2019, department dispatchers received over 160,000 calls for service. They dispatched MFD resources to 86,627 fire and emergency medical services incidents, and an additional 80,202 to private ambulance companies. As part of the department's Shared Services Initiative, the MFD responded to 1,569 out-of-city incidents, and requested additional resources come in to Milwaukee on 1,953 calls.

Dispatchers are the initial point of contact for people seeking immediate relief during an emergency, and it was an honor to recognize eight of them in 2019 with Meritorious Service Awards for doing an outstanding job in extremely challenging situations. Seventeen CPR "Save" pins were awarded to dispatchers who expertly directed an emergency bystander to perform effective CPR to save the patient, and three "Stork" pins were awarded for helping to deliver a baby through phone direction. In addition to these internal awarding processes, one dispatcher was honored at the State Capital in Madison with the First Responder of the Year, 12th Assembly District Award. Congratulations for "Jobs Well Done!"

this location, and all directives from them originate from Administration. The MFD is a service organization, and although most of the business functions of this staff are routine in nature, processes are continuously refined to maintain outstanding efficiency. These professionals continue to meet the challenges of an ever-changing environment while adjusting to new technology and policies, and updated government laws.

APPOINTMENTS - in date order



RANK	NAME	DATE
HSMGR	HERREID, KRISTEN E.	01/02/2019
FEWEL	BRULLA, GREGORY M.	03/11/2019
FMTEC	SANCHEZ, FAVIAN	04/07/2019
FITMG	MADISON, JEFFERY J.	07/01/2019
FIREF	GAWIN, MITCHELL	07/29/2019
FIREF	ALVARADO, TEODORO C.	07/29/2019
FIREF	ARMUS, SAMUEL C.	07/29/2019
FIREF	BEHLING, ALEXANDER J.	07/29/2019
FIREF	BERTONI, ANTONIO G.	07/29/2019
FIREF	CALHOUN, TYLER S.	07/29/2019
FIREF	CRUMBLE, COURTNEY B.	07/29/2019
FIREF	DALEY, ROBERT B.	07/29/2019
FIREF	FREEMAN, KEVEON M.	07/29/2019
FIREF	GALARZA, HERNAN J.	07/29/2019
PARFF	GELLES, SEAN H.	07/29/2019
FIREF	HENDERSON, MARKIESHA A.	07/29/2019
FIREF	HOPSON, DEVONTAE A.	07/29/2019
FIREF	HUFF, TERI L.	07/29/2019
FIREF	JENSEN, WILLIS J. III	07/29/2019
FIREF	JOHNSON, JORDON M.	07/29/2019
FIREF	JONES, DARIUS D.	07/29/2019
FIREF	KELLEY, JAMES E.	07/29/2019
FIREF	KELLY, WAYNE D. JR.	07/29/2019
PARFF	KLOTKA, JOSEPH M.	07/29/2019
FIREF	KRUEGER, JOSHUA M.	07/29/2019
FIREF	LEFF, NATHAN J.	07/29/2019
FIREF	OBY, BRYAN J.	07/29/2019
FIREF	PENEGOR, ELYSE E.	07/29/2019
FIREF	TRAMPAS, THOMAS P.	07/29/2019
PARFF	USCANGA, ALBERTO	07/29/2019
PARFF	VOLTNER, DANIEL A.	07/29/2019
FIREF	ZIDEK, ANTHONY G.	07/29/2019
CADET	BERLIN, MACKENZIE N.	08/26/2019

RANK	NAME	DATE
CADET	BREHM, JERED J.	08/26/2019
CADET	CHAPMAN, ALONZO G. II	08/26/2019
CADET	ERWIN, JACK L.	08/26/2019
CADET	FEUSTEL, ASHLEY N.	08/26/2019
CADET	FIGUEROA, GRACE X.	08/26/2019
CADET	GUERRERO, RICARDO E.	08/26/2019
CADET	KAINE, GABRIELLA M.	08/26/2019
CADET	MERKLE, ZACHARY A.	08/26/2019
CADET	MILLER, KYLIE N.	08/26/2019
CADET	MUNOZ, ANTONEO	08/26/2019
CADET	NDANDA, FRANCK	08/26/2019
CADET	NEWBORN, JOSHUA S.	08/26/2019
CADET	OMALLEY, CONNOR J.	08/26/2019
CADET	OWENS, JACOB Q.	08/26/2019
CADET	REYES, STEVEN	08/26/2019
CADET	SCHAER, SAM S.	08/26/2019
CADET	SESINI, GIANCARLO A.	08/26/2019
CADET	SMITH, ANDRE T.	08/26/2019
CADET	SMITH, CHAMY A.	08/26/2019
CADET	SPATOLA, MAX C.	08/26/2019
CADET	THAO, SIMON	08/26/2019
CADET	THOMPSON, ISAIAH R.	08/26/2019
CADET	XIONG, SAKURA H.	08/26/2019
CADET	ZGOLA, JACKSON A.	08/26/2019
CADET	ZIDEK, EMMA M.	08/26/2019
CADET	CURTIN, JACOB W.	08/29/2019
FMEDO	ADLAM, ROBERT T.	09/23/2019
CPNTR	STOUFF, JOSHUA D.	11/17/2019
FMTEC	TREMAINE, PAUL A.	11/17/2019
FIDIS	AUSTIN, BRITNEY D.	12/02/2019
FIDIS	NEELEY-MCBRIDE, APRIL D.	12/02/2019
FIDIS	OBERMANN, NICHOLAS A.	12/02/2019
FIDIS	POUNDS, JESSE M.	12/02/2019



PROMOTIONS - in date order



RANK	NAME	DATE PROMOTED
AFCHF	VOTSIS, DAVID C.	01/13/2019
LIEUT	ELLIS, LLOYD D.	02/10/2019
HEQOP	LOWERY, MICHEAL J.	02/10/2019
LIEUT	JONES, TORANCE M.	02/24/2019
HEQOP	ALONTE, JOEL J.	02/24/2019
DEPCH	VANROO, TODD J.	03/10/2019
FCAPT	SCHOTT, EDWARD W.	03/10/2019
LIEUT	MORGAN, DAVID P.	03/10/2019
LIEUT	SURGES, JOHN J.	03/24/2019
LIEUT	NOBLE, TREMELL A.	03/24/2019
DEPCH	PARISH, JOSHUA E.	04/07/2019
HEQOP	BARBIAN, DAVID M. JR.	04/21/2019
FDSEN	MCALEESE, REBEKAH J.	05/05/2019
BNCHF	KOWALSKI, WILLIAM T.	05/19/2019
BNCHF	PURIFOY, SHARON P.	05/19/2019
BNCHF	HARTUNG, ROBERT A.	05/19/2019
AFCHF	LIPSKI, AARON D.	06/16/2019
LIEUT	CHARLES, CURT J.	06/16/2019
LIEUT	FREITAG, JEFFREY S.	06/16/2019
LIEUT	BURKE, MICHAEL K.	06/16/2019
LIEUT	DEHLI, CHRISTOPHER W.	06/16/2019
HEQOP	MCDADE, ALEXANDER M.	06/16/2019
LIEUT	HENNESSY, ZACHARY J.	06/30/2019

RANK	NAME	DATE PROMOTED
DEPCH	HEGEMAN, JOSEPH F. JR.	07/28/2019
BNCHF	GARDNER, BRIAN J.	07/28/2019
LIEUT	DOERR, JUSTIN P.	07/28/2019
LIEUT	DONALDSON, KENDRIA S.	07/28/2019
LIEUT	LYONS, GREGORY A. (SPC)	07/28/2019
HEQOP	PICKETT, STEVEN F.	07/28/2019
FECAT	SCHUBRING, DANIEL J.	07/28/2019
FCAPT	GONZALEZ, GILBERTO JR.	08/25/2019
LIEUT	ZIEMS, JESSICA A.	08/25/2019
DEPCH	RIVARD, RUSSELL H.	09/22/2019
BNCHF	RECHLITZ, JOEL P.	09/22/2019
LIEUT	LEWIS, DENNIS D. JR.	09/22/2019
SYSAS	CHIRAFISI, NICHOLAS J.	10/06/2019
LIEUT	DAHLBERG, SHARLEA F.	10/20/2019
LIEUT	CAMBRONERO, GABRIEL	10/20/2019
LIEUT	PICKETT, STEVEN F.	11/17/2019
LIEUT	VOLK, BRETT R.	12/01/2019
LIEUT	FREUND, ADAM J.	12/01/2019
BNCHF	POLLOCK, THOMAS F.	12/29/2019
BNCHF	JONES, TRAVIS L.	12/29/2019
BNCHF	WEINKAUF, STEVEN J.	12/29/2019
LIEUT	WOLTERS, MATTHEW J.	12/29/2019
FDSEN	ORTIZ, ELIZA A.	12/29/2019



SEPARATIONS - in date left order

RANK	NAME	DATE LEFT
FCAPT	KLEMSTEIN, TROY T.	01/01/2019
FCAPT	BUTTS, LEON JR.	01/04/2019
PARFF	TRUMBLE, TIMOTHY J.	01/06/2019
CADET	MARSHALL, ELIZABETH I.	01/31/2019
LIEUT	MCMENAMIN, THOMAS A.	02/01/2019
CADET	WALKER, PEARL M.	02/08/2019
CADET	CURTIS, WILLIAM L. JR.	02/19/2019
LIEUT	HEGWOOD, JAMES A. JR.	02/27/2019
LIEUT	KRUEGER, JEFFREY T.	02/27/2019
FIREF	SCHOENECKER, ROBERT M.	02/28/2019
BNCHF	HAMPTON, STEPHANIE D.	03/17/2019
PARFF	COON, WENDI M.	03/21/2019
DEPCH	RIEGG, STEVEN G.	03/23/2019
HEQOP	LEWIS, ROBERT J.	03/27/2019
CADET	CANINO, JARED A.	04/09/2019
AFCHF	WASHINGTON, GERARD M.	04/27/2019
LIEUT	GREEN, NATHANIEL C.	05/06/2019
FIREF	BILICKI, MICHAEL R.	05/17/2019
CADET	PETTIGREW, JOHNNY D.E. JR.	05/20/2019
LIEUT	STRICKLIN, STEPHEN S.	05/21/2019
ITSSP	NELSON, RYAN M.	05/31/2019
FMEDO	ADLAM, ROBERT T.	06/01/2019
PARFF	BENNETT, BRAD A.	06/02/2019
LIEUT	SHINN, RYAN P.	06/02/2019
FECAT	LLANOS-ALDAPE, PABLO	06/15/2019
LIEUT	KOWALSKI, DENNIS J.	06/25/2019
FIREF	DZIOBA, RONALD L.	06/26/2019
CPNTR	ZUBER, DANIEL A.	06/26/2019
LIEUT	DUFFEY, SEAN N.	06/27/2019

RANK	NAME	DATE LEFT
FIREF	WEAVER, CHRISTOPHER J.	06/28/2019
FIREF	WEMPE, CARL E.	06/29/2019
FIDIS	RYAN, ROBERT L.	06/30/2019
FIREF	MILTON, DANIEL J.	07/01/2019
CADET	PETERSON, ZOE I.	07/27/2019
CADET	HOLLIMAN-NAPPIER, KENNEDY M.	07/29/2019
FIREF	HENDERSON, MARKIESHA A.	08/12/2019
SYSAS	JOSEPH, FOSTER	08/19/2019
FCAPT	GLANCEY, BRIAN J.	08/20/2019
FIREF	PISAREK, RONALD K.	08/26/2019
FIREF	OTOOLE, BRIAN M.	08/29/2019
LIEUT	MAKINEN, DANIEL W.	09/10/2019
LIEUT	KOBACK, DENNIS P.	09/15/2019
FMEC1	PETERSON, STEVEN M.	09/27/2019
FIREF	GARNCARZ, ANDREW P.	09/30/2019
FIREF	SASKOWSKI, MICHAEL P.	10/04/2019
FIREF	KUSTER, ROBERT F.	10/20/2019
FCAPT	SCHOTT, EDWARD W.	10/21/2019
FCAPT	GARSKI, DEAN A.	10/22/2019
FCAPT	GONZALEZ, GILBERTO JR.	11/19/2019
FIREF	MARCOWKA, THOMAS	11/22/2019
LIEUT	ROBERTS, HARRY S. JR.	11/27/2019
FCAPT	HEINOWSKI, MICHAEL J.	11/28/2019
FCAPT	KENDALL, ROBERT L. JR.	11/30/2019
LIEUT	OLSON, ROBERT E.	12/03/2019
FIREF	MOSS, KYLE S.	12/20/2019
HEQOP	OSELL, CHRISTIAN E.	12/23/2019
DEPCH	SNYDER, CHRISTOPHER J.	12/28/2019
LIEUT	WETZEL, JOHN P.	12/31/2019





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