



Madeira and Indian Hill Joint Fire District  
2022  
ANNUAL REPORT





# Madeira and Indian Hill Joint Fire District

CHIEF

**Stephen C. Oughterson**

CAPTAINS

**Francisco Cáceres**

**Kevin Scheuerman**

**John Lynch**

**Brandon Linne**

LIEUTENANTS

**Nick Stiens**

**Patrick McCall**

**Sean McCarthy**

## TRUSTEES

**Beth Wright**

PRESIDENT

**Jeff Evans**

VICE PRESIDENT

**John Hassan**

SECRETARY

**Jim Gulick**

TREASURER

**David Ellis**

**William Higgins**

**Jennifer Lightcap**

**Don McGraw**

**Sam Robinson**

**Joe Weil**

**Chris Hilberg**

**Steve Krehbiel**

February 1, 2023

Board of Trustees

Madeira & Indian Hill Joint Fire District

Mrs. Beth Wright, President

The following is a look back at the year 2022 for the Madeira & Indian Hill Joint Fire District. I am pleased to report that the Joint Fire District continues to meet the challenges after another unpredictable year. The JFD experienced our busiest run volume to date as EMS runs topped the mark we made last year. Fire loss for the JFD was \$1.4 million and we were fortunate not to face any loss of life in the district. We continue to expand our relationships with our community neighbors and continue to find new ways to improve customer service and provide the most effective fire, rescue and emergency medical services we can provide.

Operational changes included the hiring of two more firefighter / paramedics and implementing a new leadership structure within the organization. Strategic changes included a fresh perspective and subsequent changes to our Mission, Vision, Values and Philosophy statements that will guide the organization into the future.

The annual report highlights the activities and programs for the JFD in 2022 regarding administration and operations in our continuing effort to provide the very best service to our residents, visitors and neighbors.

Respectfully,

Stephen C. Oughterson

Fire Chief

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# Organizational Chart

**Stephen Oughterson**  
FIRE CHIEF



**Francisco Cáceres**  
CAPTAIN



**Sara Jacob**  
Admin. Assistant



**Heather Jordan**  
District Clerk



**Unit 1**

**CAPTAIN**

**LIEUTENANT**

**Six Firefighter / Medics**

**Part-Time FFP/EMT's**

**Unit 2**

**CAPTAIN**

**LIEUTENANT**

**Six Firefighter / Medics**

**Part-Time FFP/EMT's**

**Unit 3**

**CAPTAIN**

**LIEUTENANT**

**Six Firefighter / Medics**

**Part-Time FFP/EMT's**

We completed a non-consecutive three-year process to hire more career staff to transition our dependency on part-time staff to full-time staff as well as reorganizing our officer staff. We hired two more career personnel, moved Capt. Lynch to the 24 / 48 platoon system and promoted four officers. The additional officers were promoted to place one officer at each station for each one of our shifts. The new organization and personnel are highlighted on the following pages.

# Unit 1

**Capt. Kevin Scheuerman**



EMS Program Manager

**Lt. Nick Stiens**



EMS Supply

**Joseph Meyer**



EMS Quality Assurance

**Brian Dapper**



Maintenance Team

**Griffin Drake**



Map Books / Car Seat Tech

**Alex Brahm**



Community CPR / EMS Training

**Devin Moore**



Address Signs / Fitness

**Zakk VanNottingham**



Unit 1 Inspections

**Denny Parry**



Part-time EMT

**Olson Reider**



Part-time EMT

**Matt Stickley**



Part-time Medic



# Unit 2

**Capt. John Lynch**



Fire Prevention Program Manager

**Lt. Sean McCarthy**



Hydrant Maintenance

**Brian Willing**



Maintenance Team

**Michael Hoying**



EMS Quality Assurance

**Taylor Hester**



EMS Training

**Alexander Stubbs**



Peer Support / Fitness

**Mark Feldmann**



Unit 2 Inspections

**Ryan Smith**



Probational Candidate

**Jeff Ashpaw**



Part-time Medic

**Glenn Hansen**



Part-time EMT

**Anna Tubbs**



Part-time EMT

# Unit 3

**Capt. Brandon Linne**



Maintenance Program Manager

**Lt. Pat McCall**



Station Maintenance Manager

**Doug Bingaman**



Station Supply / Car Seat Tech

**Toney Sanders**



Radio Maint, / Address Signs

**Michael Posega**



Uniforms

**Kurtis Mahan**



EMS Quality Assurance

**Joseph Placke**



Peer Support / Local 2236 President

**Scott Otten**



EMS Supply / Local 2236 VP

**Jeff Glassmeyer**



Part-time Medic

**Ben Rood**



Part-time EMT

**Trevor Fluehr**



Part-time EMT

**NOT PICTURED:**

Johannes Gebauer  
Alex Kessen  
Brandon Schleibaum  
Ty Zimmerman



# Personnel

In 2022, there was only one individual who worked for the JFD since its inception in 1985. After 37 years of service to our communities, our district clerk, Dianne Donlan announced her retirement. Her position with the JFD was critical to our success as we are our own entity and all financial records are subject to yearly audits from the State of Ohio. Dianne's professionalism over the span of her career can not be understated. Former Chief Ashbrock shared that Dianne only had one posting that was ever questioned in an audit, and that posting was found in her favor. Dianne and her husband plan to stay in Cincinnati and enjoy retirement by relaxing and enjoying their neighborhood in beautiful Hyde Park.



## 2022 New Career Personnel



**Mark Feldmann:** Mark worked for the JFD as a parttime firefighter/EMT. He went to paramedic school and became eligible to compete for our career process. Mark also worked for the Cincinnati International Airport as a firefighter / paramedic. Mark is assigned to Unit 2.



**Ryan Smith:** Ryan joined the JFD as a career firefighter / paramedic in June of 2022. Ryan worked part time for Colerain Twp. Fire and EMS prior to competing for the position here. Ryan is assigned to Unit 2.

### 2022 Years of Service Awards

**15 Years:** Jeff Glassmeyer, Ty Zimmerman  
**5 Years:** Jeff Ashpaw, Griffin Drake, Lt. Sean McCarthy

### 2022 Customer Service Award - Walgreens

Alexander Stubbs and Alex Brahm

### 2022 Letters of Commendation

Capt. Kevin Scheuerman, Griffin Drake, Zakk VanNottingham, Johannes Gebauer, Lt. Sean McCarthy, Brian Willing, Michael Hoying, Taylor Hester

### 2022 Unit Citations - Apache Circle

Capt. John Lynch, Lt. Sean McCarthy, Jeff Ashpaw, Alex Brahm, Mark Feldmann, Taylor Hester, Michael Hoying, Alexander Stubbs

## IAFF Local 2236

In the last year significant progress has been made in the building of relationships with labor, management, and the community. The year began with our fundraising efforts through the Annual Bowling Tournament in which raised over \$2,500. All of the proceeds were donated to the Down Syndrome Association of Greater Cincinnati. We participated in the 4<sup>th</sup> of July celebrations for both of our communities with our corn and hot dog booths. With help from one of our part time firefighter's, Johann Gebauer, and family we collected over 2,500 children's books which supplied the Queen City Book Bank for children in disadvantaged neighborhoods. In July we signed and enacted a new collective bargaining contract with the Joint Fire District. The new contract offers more clarity on many areas between administration and members of the Union as well as incorporating attractive items for better recruitment when needed in the future. The Madeira & Indian Hill Professional Firefighters IAFF Local have big plans for 2023. We are not stopping with just the renegotiation of our collective bargaining agreement. We will be conducting multiple fundraising events in addition to the Annual Bowling Tournament. The Bourbon Raffle will be back, and proceeds will go towards supporting local firefighter mental health organizations.



## Health and Wellness

In 2022 we sought to improve our health and wellness initiatives by including more focus on mental health. Two of our employees have successfully completed specialized training to become members of the Tri-State Peer Support Team. TriHealth completed physicals again this year for all career employees and part-time employees who requested it. Our fitness challenges throughout the year also helped our personnel stay fit and have fun.

## The Fire Department Family

The success of the JFD and its personnel would not be possible without the love and support from home. The JFD realizes this and conducts a few events throughout the year to support the family that supports our firefighters. We hosted the Family Picnic at Grand Valley on another beautiful late summer day and hosted three holiday events during December. Santa Claus made a visit to the fire station, bringing gifts and taking pictures with the kids. This year's pancake breakfast even included a bounce house, which was a hit.





# Budget

The JFD completed a financially challenging year. Some of the challenges we faced were increased costs for EMS supplies, equipment repairs and high fuel prices. Approximately 88% of our expenses are associated with salaries and benefits for our most important asset, our personnel. The bargaining unit employees, administrative staff and part time employees received 3% raises in 2022. The JFD receives money from both cities as dictated by contract and approval from city councils from Madeira and Indian Hill. The process is simplified by our contract with the cities which states that the budget request from the JFD is split equally. We were fortunate that insurance costs didn't go up dramatically when we renewed our policies in the spring.

The JFD budgets \$175,000 each year for capital, which is also split equally between the two cities. Capital Purchases will not be recorded until 2023, but we ordered one staff vehicle. The JFD decided to order the vehicle now before future price increases take affect.

**2022 Budget**  
**\$4,273,900**

The 2023 Chevy Tahoe will replace a 2011 Chevy Tahoe used by the administrative captain. The vehicle won't be delivered until the first quarter of 2023 due to decreased supply, high demand and longer production times. The 2011 Tahoe will be sold or auctioned by mid-2023.



## EMS Billing

Our EMS billing is contracted to Medicount Management, a local EMS billing agency. EMS billing supplements our operations budget and monies collected are credited back to the cities of Madeira and Indian Hill equally. Our personnel concentrated on improved signature compliance to help increase revenues and cut down instances of denied claims. Revenues per transport increased in 2022 to an average of \$309 / per claim.

**2020**

Service Level	Total Runs
BLS	359
ALS	277
ALS 2	6
<b>TOTAL</b>	<b>642</b>
<b>Revenue</b>	<b>\$225,747</b>

**2021**

Service Level	Total Runs
BLS	524
ALS	484
ALS 2	11
<b>TOTAL</b>	<b>1019</b>
<b>Revenue</b>	<b>\$316,866</b>

**2022**

Service Level	Total Runs
BLS	705
ALS	558
ALS 2	4
<b>TOTAL</b>	<b>1267</b>
<b>Revenue</b>	<b>\$394,726</b>



# Public Information

We utilize several platforms to keep the public informed about department events, present safety messages, and to communicate Board of Trustee and Committee meetings to name a few. In 2022, the fire district utilized our website and other platforms below to provide our customers the latest news and prevention efforts. All of these platforms are updated by our personnel.

**MIHJFD Newsletter:** The Spring and Fall newsletters provide our residents with relevant information from the fire department and serve as a platform for fundraising for the Madeira and Indian Hill Fire Company. The newsletter is used to publicize our public meetings for the year and provide a platform for public education. The Spring newsletter gave residents information about new medical technology in smart watches and an overview of the importance of smoke detectors.

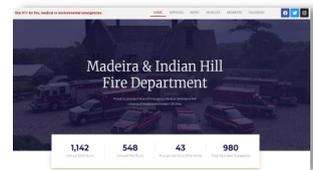
**MIHJFD Website:** We regularly update the website to include safety messages, upcoming events and access to fire department services. We utilize this platform to communicate information that is relevant to the season and would benefit our residents. Also included are updated apparatus photos, personnel pictures, community surveys and monthly chief reports.

**Facebook/Instagram:** We continue to use social media sites to provide up to the minute updates on relevant information including Fire / EMS information on major incidents, public education elements like smoke detector initiatives or other helpful fire safety tips. Several of our employees have access to these sites to provide information to the public without compromising the rights of victims or inadvertently highlighting or glorifying a tragic event. We have reached over 38,000 Facebook users with our page, and have over 4,200 followers.

**Public Records Commission:** The MIHJFD Board of Trustees utilizes a sub-committee to provide guidance on our public records. This sub-committee is active throughout the year to make sure that records are kept, maintained and distributed according to up-to-date policies and / or Ohio law.

**Media Relations:** For significant incidents we create press releases that are available to the Media when requested. We enjoy a great relationship with the media and provide accurate information to the public in a timely manner during incidents.

**City Newsletters:** We provide both Madeira and Indian Hill with information or articles for their individual newsletters. In 2022, we published articles about various fire prevention initiatives including fire pit safety, hydrant clearance, chimney fires and updates on our personnel.





# Training

We spend a lot of time training at the JFD in order to provide the best service possible to our customers. Training comes in many forms and is diverse in nature. High risk and low frequency emergencies like technical rescues make training critical so that our technicians stay sharp. We also train on skills we utilize often so that we improve efficiency and accuracy. In 2022, the department logged a total of **2,880** hours of in-person / hand's-on training and another 819 hours of on-line Fire-Rescue 1 Academy training by all members of the JFD. Some of our certifications require a certain amount of training to be completed each certification cycle. Those certifications include EMT / Paramedic / Firefighter II, Fire & Life Safety Inspector, Fire and EMS Instructor. The average hours logged for training for our career personnel for 2022 was 98 hours per person.

## Top 5 Training Hours Logged

Alexander Stubbs	173.45
Sean McCarthy	137.20
Michael Hoying	131.70
Alex Brahm	130.50
Devin Moore	119.50

## **FireRescue 1 Academy**

We renewed our subscription to an online training platform called FireRescue 1 Academy. Online training provides an avenue for our employees to achieve continuing education hours at their own pace. The platform is customizable and offers over 1000 courses from firefighting and EMS to other important training like human resource topics important to any employer and employee in Ohio.

## **Leadership Academy / Extreme Ownership**

We have two leadership programs running congruently in 2022. The first is the second class of Leadership Academy and the other is Extreme Ownership. Captains Linne and Scheuerman completed the year long Leadership Academy in 2022. The year culminated in a project that re-imagined our core principles and introduced new Mission, Vision, Values and Philosophy statements. The second program, Extreme Ownership, is an intensive online program that focuses on leadership and development of successful teams taught and led by U.S. Navy Seals Jocko Willink and Lief Babin. This program currently has five members, Captains Lynch and Cáceres, Lt. McCall, Firefighters Placke and Brahm. The program is set to be completed by mid-2023.

## **Loveland Fire Training Tower /**

### **Acquired Structures**

We utilized our subscription to the fire training tower in Loveland for three trainings during 2022. Trainings at the tower are planned at the beginning of the year by the training group and each department rotates through as lead agency. The trainings that we engaged in all focused on multi-company operations in a live fire setting. We had one acquired structure to train in this year, on Brill Rd. We made use of this property to work on hose line deployment and roof operations.



## Parkland Training

The JFD sponsored a multidiscipline training focused on response to mass shootings with special focus on mental health recovery. The two day training was held at Cincinnati Country Day School and we had about 170 participants from local schools, fire / EMS and law enforcement agencies, local government officials, hospital officials and mental health experts. The training was lessons learned from the responders and clinicians from Coral Springs, Florida as a result of their experiences after the Douglas School shooting.



The training was sponsored by the Madeira & Indian Hill Fire Company and the presentation was available free of charge. Through this training, we have furthered our partnerships with police and school officials to improve preparation, response and recovery for mass shooting events.

## Swift Water Response

Our collaboration with our neighbors along the Little Miami River continued and quarterly training was the highlight of the year for our technicians. Our partnership has expanded to include Anderson and Little Miami. Training for the year focused on improving swimming skills and ability to perform in swift water, rope skills and equipment familiarization.

## USAR (Urban Search and Rescue)

We continue to participate in the Hamilton County Urban Search and Rescue Team. We celebrated a visit from the rescued survivor from the power plant collapse in December, 2021. The victim came to one of our trainings to thank the team for their efforts. It was such an honor to see the victim enjoy life, his family and friends despite the hard road of recovery after losing both of his legs. The victim was a truck driver and was trapped under tons of steel and concrete. We spend far more hours training than we do with actual events, but due to the high risk, low frequency of rescues like building collapse; it only amplifies the need for excellent training for our personnel. The USAR team expanded in 2022 include a Drone team. MIHJFD



has two members on this team. We hosted a training for this newly established team at Station 64.

The following personnel are rescue specialists for Hamilton County USAR:

**Chief Oughterson, Capt. Cáceres, Capt. Lynch, FF Bingaman, FF Meyer, FF Placke, and FF Zimmerman**



# Fire Prevention &

Our Fire Prevention and Public Education programs are overseen by Captain John Lynch and individually managed by our firefighter paramedics. Their roles vary, depending on the program and it's goals. Here are some of the highlights from 2022.

## Car Seat Safety

In 2022 the MIHFJD car seat technicians inspected a total of 81 child safety seats, which is one seat off what we did in 2021. We, again, averaged six to seven safety checks per month. We also continued our commitment to the community by hosting our annual "Car Seat Blitz," where we bring in all of our inspectors to provide an open house for car seat checks. This event also serves as a continuing education opportunity for our inspectors, which helps them maintain their certifications. The program continues to provide the citizens of Madeira and Indian Hill with full support for Child Safety in the proper use, installation of, and education of car safety seats. To date the Madeira & Indian Hill Joint Fire District has inspected a total of 2,617 car seats since the inception of the program in 2000. We currently are staffed with five car seat technicians: Griffin Drake on Unit 1, Mike Hoying on Unit 2, and Doug Bingaman, Toney Sanders and Pat McCall, on Unit 3.

## Knox Boxes

A Knox Box is a hardened box that attaches to business or residences to allow access for firefighters, much like the realtor key box. The Knox Box contains keys, alarm and contact information and they are checked each year as a part of our inspection program. The JFD assisted with installations of two new boxes in 2022 and also purchased a key holder for the new engine, when it arrives in 2023. We also have a loaner program intended for short periods when the occupant may have special needs that may keep them from answering the door during an emergency or fire / medical alarm activation. The JFD has 22 boxes and we loaned out 15 last year. Lt. McCall has been managing this program and information is available on our website.

## Plan Review

Plan reviews are performed by Captain Lynch for any remodeling or new construction in commercial buildings. During plan reviews, means of egress, emergency lighting and general life safety issues are examined. 64 plan reviews were performed in 2022. Major projects included the plan review for Indian Hill Schools, Madeira Schools, McDonald Commons Park and many more projects.

## Public Education

In 2022 the Joint Fire District presented 23 safety talks / station tours and participated in block parties and parades to educate the public in fire and life safety initiatives. These events provided members with an opportunity to positively impact hundreds of citizens.



# Public Education

## Red Cross Partnership

In 2022 the Joint Fire District partnered with the Red Cross to further our push to ensure each citizen of the JFD has at least one working smoke detector in their residence. The Red Cross donated 50 smoke detectors and batteries towards this effort. When a citizen contacts the JFD for a smoke detector our members will install the detector and collect information from the occupant that the Red Cross utilizes to ensure effectiveness of their effort. When the supply is exhausted, the Red Cross will issue a resupply.

## Smoke Detector Blitz

The Joint Fire District's second annual Smoke Detector Blitz was a success. Our goal continues to be to ensure that all residents within the district have at least one working smoke detector. This year we continued to focus our efforts to locations where we believe residents could use our help the most. We focused on nine streets between Camargo and Buckeye Crescent. During the Blitz, our firefighters replaced non-working and out of date detectors, installed new detectors, changed batteries, tested CO detectors, and handed out educational pamphlets related to smoke detector placement and use. In addition, the firefighters gained working knowledge of the district by identifying potential dangers such as hoarder conditions and solar panels on rooftops.

- ◆ 427 Residences visited
- ◆ 95 Smoke Detectors distributed
- ◆ 11 Batteries replaced
- ◆ 95 Pamphlets handed out



## Tank Inspections

The Fire District conducted 8 combustible or flammable liquid storage tank removal or installation inspections in 2022. The distribution of these inspections included removal of fuel oil tanks due to changes in fuel utilized by the homeowner, tanks that are “abandoned in place” due to obstacles of removal, and installation of additional tanks required for increased fuel demand.



## Tent Permits

Working with the Hamilton County Building Dept and the Village of Indian Hill, 37 tent permits were issued in 2022. The fire district sends a fire inspector to each permitted event and briefs the responsible persons on basic fire safety, weather awareness and also provides an AED (Automatic External Defibrillator) for large gatherings on private property. AED are provided by the JFD on a loaner basis.





# CPR

2022 was a successful year for the CPR program. The MIHJFD CPR/ACLS instructors had contact with a total of 223 students. For students who require a Certification Card, they begin with an online class through the American Heart Association. Then the student meets with one of our instructors to demonstrate their skills and our instructor then issues a certification card. The other, more common CPR instruction that we provide is called the Friends and Family program. This program provides students with training in CPR, both chest compression only CPR and mouth-to-mouth CPR and AED use.



This year, our largest group instruction came when we partnered with our local schools. MIHJFD instructors went offsite to teach 36 teachers and faculty members at St Gertrude's. 19 preschool teachers came to Station 64 for an in-person class. The biggest single class outreach was when our instructors went to Madeira High School to conduct skills check offs. 117 students rotated through check-off stations to demonstrate the skills they learned, including chest compressions and AED use.

High School curriculum now includes required CPR training prior to graduation. MIHJFD has helped all of our local schools with these skills checks for a number of years.

We anticipate that CPR classes will be in high demand in 2023. CPR awareness and AED use have been highlighted in the news and are on the forefront of our minds and conversations due to the recent medical emergency during the Bengals / Bills Monday Night Football game. We have had numerous inquiries about our program and requests for CPR classes already in the first month of the year. Our goal is to hold a Friends and Family class during each quarter of 2023.

The CPR program is a great resource for members of our community but additionally, it is important internally at MIHJFD. Our CPR instructors participate in annual continuing education opportunities to keep their certifications current and skills sharp. Each year our instructors hold a CPR class for all of the members of our MIHJFD crews. Although, all MIHJFD members are professionals and certified in CPR, a yearly refresher course is conducted.



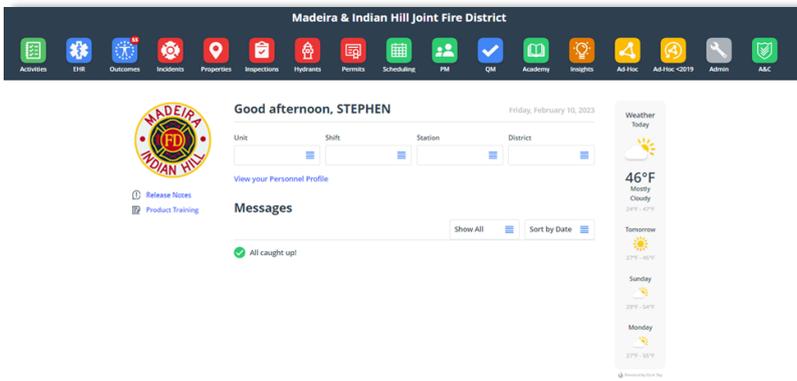
The CPR program also critiques each cardiac arrest call, utilizing software that allows the members to compare the benchmarks of CPR with how it is performed in the field.



# In-House

## ESO

In 2021 we purchased and initiated a new data management software called ESO. During 2022, we launched all but one of the ESO modules. As a result of Captain Cáceres's hard work and extensive knowledge with the program, several fire departments have reached out and asked for his assistance with their installation of ESO. We adopted an MOU with Sharonville Fire Department and Capt. Cáceres spent 75 hours on a work share program. During this time, we provided support to Sharonville during the launching of EHR (the EMS module on ESO). We helped them with the setup of the software and hardware, including integration with the lifepacks, Lucas device, scanners and computers. This collaboration was not just a way for us to help them, it also provided a chance for us to learn from them. We were able to bring back ideas for operations and training. We also had the opportunity to go on fires and hazmat incidents.



Captain Cáceres traveled to Austin, Texas and participated in the Waves conference. In the conference, he attended classes, had one-on-one sessions with developers and programmers and was able to network with ESO users around the country. This was a great chance to bring ideas back as well to share our experiences with others. The focus now is to finish the maintenance

module and continue to improve and take full advantage of ESO. In 2022, MIHJD created an area user group where we can share knowledge and experiences, as well as create a united front to request improvements or to address problems as a group. As part of this group we have helped Little Miami F.D. and Anderson F.D. with their training modules.

## Facility Maintenance

In 2022, we completed annual testing on the kitchen hood systems, sewer backflows and all fire extinguishers at both stations. Maintenance on the alarm and sprinkler systems were completed per manufacturer recommendations. We signed a 3-year service contract with Buckeye Power Sales to maintain generators at both stations.

Additionally, we completed a number of minor repairs at each station...

### Station 64

- ◆ Repaired refrigerator LCD display
- ◆ Repaired domestic dryer
- ◆ Replace smoke/ carbon monoxide detectors in bunk room
- ◆ Replaced fan controllers in bays
- ◆ Repaired air compressor system
- ◆ Repaired bay door 1
- ◆ Repaired HVAC humidifier

### Station 65

- ◆ Cleaned out sewer drains
- ◆ Replaced ignitor for gas oven
- ◆ Repaired



# EMS Operations

Dr. Rachel Matthews continues to serve our Medical Director. She currently practices as an ER Physician at Bethesda North Hospital. She provides medical oversight for our E.M.T. and Paramedics and takes an active role in training. She reviews our EMS runs and provides feedback that helps our medics improve their knowledge and skills as well as validate the excellent work that they do.



In 2022 we were awarded over \$2,000 in grant funding from the Ohio Division of EMS. With this award we were able to purchase new, more streamlined EMS equipment bags for both Medic units, Engine 64, Quint 65, and Support 65. Now all primary response units carry the same complement of critical portable EMS equipment. And with this purchase we were able to take what was stored in one large, cumbersome bag, and divide it up into two smaller, more streamlined bags. This has made it much easier to rapidly deploy our first line EMS equipment to wherever our patients may be, in a much more ergonomic fashion.



We were also able to purchase two Pedimate pediatric transport devices, one for each of our medic units. The Pedimates were acquired to fill a need for safer and more secure transport of small patients from 10lbs up to 100 lbs. The device attaches to our existing cots. These devices offer an alternative to transporting a child in their own car seat if it is not available or damaged.

Our run volume has been increasing steadily over time, and 2022 was our busiest year to date. To put it in perspective, over the last five years EMS runs have increased almost 50%. Without a significant increase in population, the obvious question is why. One factor in this equation is the increase in calls for service at our nursing homes. Over the last five years, calls to these locations have more than doubled.

## 2020

NURSING HOMES	TOTAL
5970 Kenwood	202
7885 Camargo	116
7650 Camargo	89
<b>YEARLY TOTAL</b>	<b>407</b>

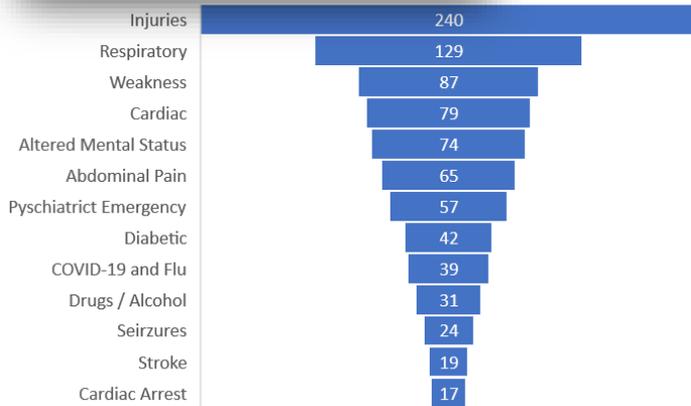
## 2021

NURSING HOMES	TOTAL
5970 Kenwood	199
7885 Camargo	186
7650 Camargo	148
<b>YEARLY TOTAL</b>	<b>533</b>

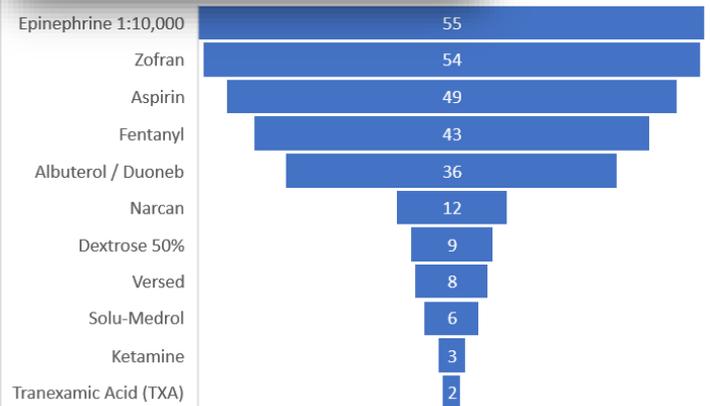
## 2022

NURSING HOMES	TOTAL
5970 Kenwood	170
7885 Camargo	326
7650 Camargo	149
<b>YEARLY TOTAL</b>	<b>645</b>

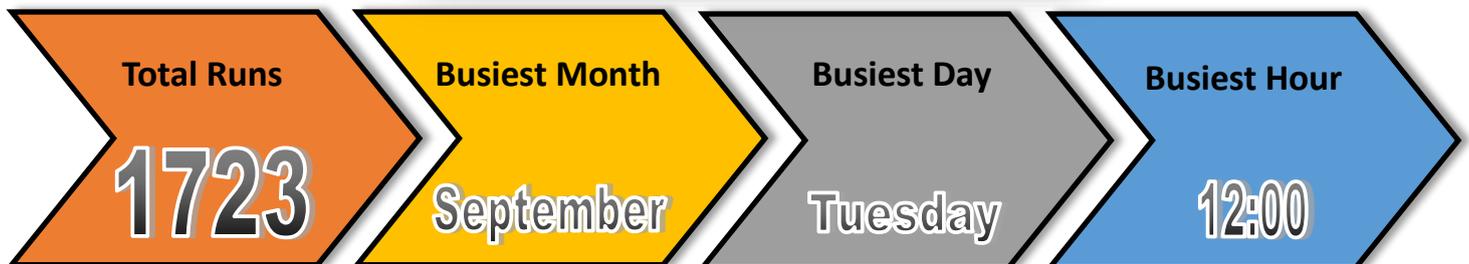
### EMS Runs by Impression



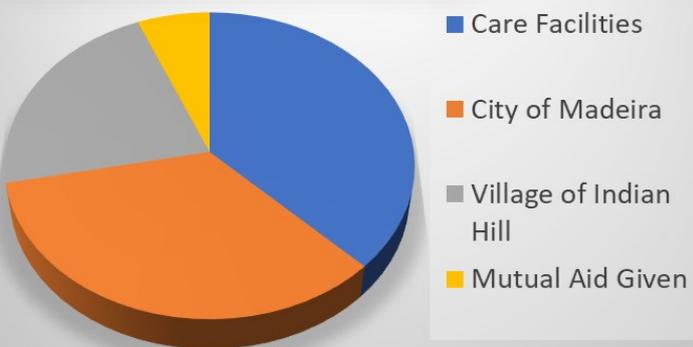
### Medications Given



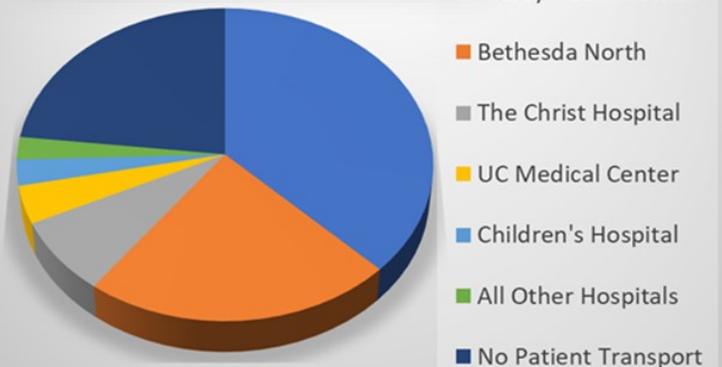
## EMS by the Numbers



### EMS Run Distribution



### EMS Disposition





# Fire / Rescue Operations

Fire incidents have not seen a sharp increase over the years like EMS even though our reporting values continue to rise. Our fire incident data was compiled to show categories of incidents in the adjacent table. The categories are reported to the National Fire Incident Reporting System through ESO. Two fire incidents resulted in the displacement of people from their homes in 2022. Thankfully, one resident had another residence on the property in which to stay. Fire loss recorded for 2022 was just over \$1.4 Million. We continue to rely on our prevention efforts such as inspections and public education to keep fire incidents from impacting lives and property.

FIRE RUNS BY TYPE	
Ruptures	3
Other	15
Service Calls	46
Fire Incidents	100
Good Intent Calls	168
Hazards	12
False Alarms	233
EMS / Rescues	1580

**Apache Circle:** Our most significant run for the year occurred on Apache Circle in June. Crews were called for a natural gas leak and the house exploded just prior to our arrival. The explosion severely injured one occupant, who required rescue from the basement. The victim was rescued from the building by crews who cut a hole in the floor at the rear of home. Fire was extinguished quickly while rescue efforts took place in the rear.



**Tornado:** On July 6<sup>th</sup>, multiple fire departments were called to Clermont County to assist with rescue and recovery efforts from a tornado. Engine 64 crew was assigned several tasks in the first operational period and returned to quarters after a long afternoon and evening. Chief 6401 was the Incident Commander for the night shift or the second operational period until relieved on the early morning of July 7<sup>th</sup>. The fire station in Goshen was severely damaged as a result of the tornado and most likely will not to be replaced.

**Camargo Country Club:** Crews were alerted to a fire alarm activation at the maintenance facility on Drake Rd. for Camargo Country Club. The fire inside the building was contained to several vehicles used by the greens crew. No injuries were reported.

**Cunningham Rd.:** Crews were alerted to a structure fire after the owner returned home to find flames coming from the kitchen window. The fire caused significant damage to the home and crews spent a significant amount of time overhauling the fire which spread to the second floor and the attic.

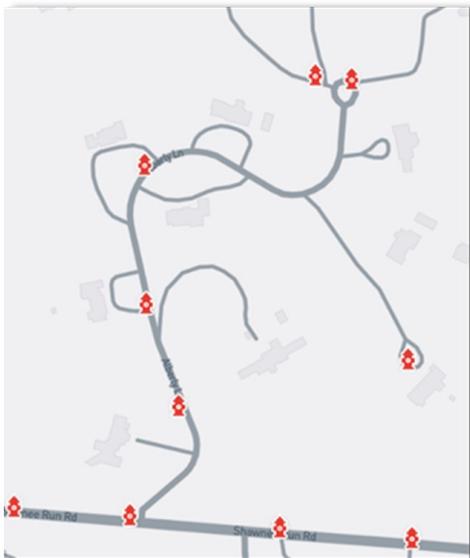
DATE	LOCATION	INCIDENT TYPE	TOTAL LOSS	CITY
6/2022	Apache Circle	House Explosion	\$450,000	Madeira
7/2022	Shawnee Run Rd	Building Fire	\$600,000	Indian Hill
11/2022	Bluecut Lane	Special Outdoor Fire	\$20,100	Indian Hill
11/2022	Willow Hills	Outdoor Storage Fire	\$25,000	Indian Hill
12/2022	Cunningham Rd	Building Fire	\$280,000	Indian Hill
12/2022	Kugler Mill & Camargo Rd	Passenger Vehicle Fire	\$23,000	Indian Hill

# Water Supply Strategies

The Madeira & Indian Hill Joint Fire District continues to work with two water providers – Indian Hill Water Works (IHWW) and Greater Cincinnati Water Works (GCWW) – to maintain and improve available fire flows. Water is the primary resource used by the Joint Fire District to protect life and property when a fire occurs. Two factors affect adequate water supply: accessibility and quantity. Any efforts made to increase accessibility and quantity directly affect firefighting efforts.



In 2022 crews inspected over 1,700 hydrants to ensure accessibility. This includes lubrication, clearance of brush, removal of debris, and reporting of needed repairs.



Additionally, a major geo-location project was undertaken and is nearing completion. It consists of collecting and adding the exact GPS coordinates of each fire hydrant to our data management software.

To improve supply, multiple large projects were undertaken by IHWW to upgrade mains and hydrants. Included in these upgrades are the neighborhood of Thomas Dr. and an ongoing project on Given Rd, North of Shawnee Run Rd. The City of Madeira upgraded numerous GCWW hydrants throughout the city as well.

These routine inspections, maintenance, and ongoing projects continue the effort of the Fire District to provide the best possible water supply for firefighting operations to the residents it serves.

2023 will see continued efforts to assess and improve water supply. IHWW will continue installation of a large-diameter main on Given Rd. The Joint Fire District and IHWW will partner to perform flow testing and flushing of hydrants in the Village.

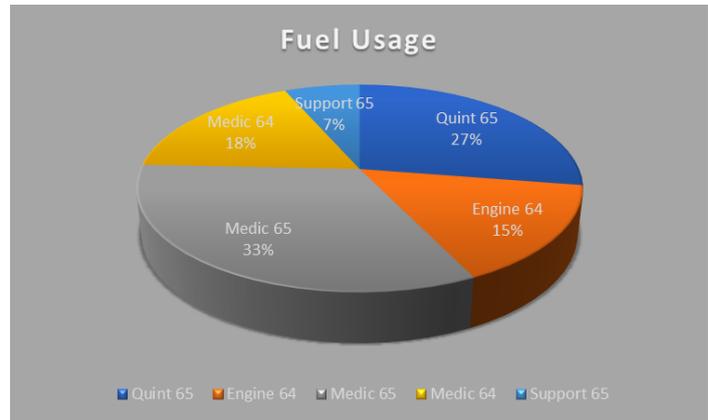




# Apparatus Maintenance

Our fleet consists of three fire apparatus, two medic units, two staff vehicles and three support units. We had no fleet changes for 2022 and we are waiting for an engine to be delivered in mid-2023. Lead times for parts were a big factor as well as prices increases throughout the year. Our fuel budget was depleted by July, as fuel prices increased significantly. By the end of 2022, we had doubled the amount of fuel used from the previous year. We recorded a busier year, but the biggest contributing factor was increased market price for diesel and gasoline.

UNIT	2021	2022
Engine 64	\$2,263	\$4,948
Quint 65	\$3,810	\$8,861
Medic 64	\$3,937	\$5,729
Medic 65	\$4,739	\$10,578
Support 65	\$914	\$2,104
<b>TOTAL</b>	<b>\$20,327</b>	<b>\$40,693</b>



The fleet is managed by Captain Linne with a support staff on each shift to maintain our vehicles and equipment. Maintenance costs increased thirty five percent from the previous year, but slightly below the five-year average from 2018-2022. Parts were more expensive, but we also had a few reactive repairs, especially on Quint 65, that increased money spent from the Maintenance line items.



In 2022, we continued to focus on cost cutting by completing as much maintenance in-house as possible to include oil changes on staff vehicles and medic units as well as minor repairs and part installation on our fire apparatus. Since we ordered the replacement engine for the 2002 Boise (Engine 1) in November 2021, we committed to saving money on the spare engine since it would not increase the value when we decommission the unit if we could still use the apparatus as a spare rig. The engine is mechanically sound and functions normally for a front-line apparatus.

Unit	Make	2022 Miles	Costs	Cost / Mile
Engine 64	2013 Pierce	4,738	\$10,756	\$2.27
Quint 65	2009 Pierce	3,785	\$22,781	\$3.40
Spare Engine 264	2002 Boise	2,315	\$1,235	\$0.53
Medic 64	2017 Braun	8,522	\$2,243	\$0.26
Medic 65	2021 Horton	11,894	\$554	\$0.05

## Engine 64

### PREVENTATIVE

- Transmission service
- Front Tires

### REACTIVE

- Air Dryer Replaced
- ABS Light Repair
- Door Alarm Switch

### NFPA Inspections

- Vehicle Inspection
- Pump Test
- Annual Service
- Ladder Test

## Quint 65

### PREVENTATIVE

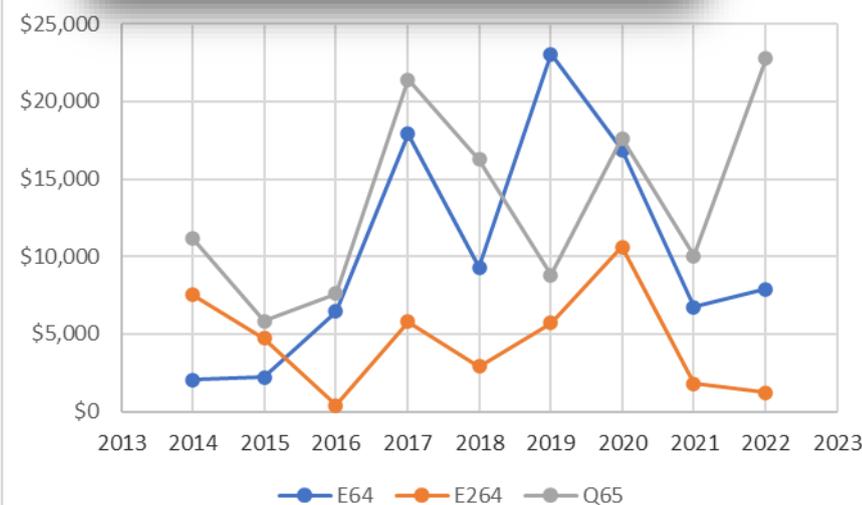
- Replaced six Batteries

### REACTIVE

- Tak 4 Steering Suspension Bracket
- EGR Cooler Replaced
- Cranking Motor Replaced
- Repaired Axle Shift
- Replaced Rear Brakes
- Replaced four Tires
- Intake Valve Repair
- Q-Siren Solenoid & Brake
- Air Leaks

NFPA inspections and annual servicing were completed in the last quarter for the front-line quint and engine with necessary repairs made as a result of the inspection. Inspections were completed at the newly opened Atlantic Emergency Solutions in Springboro to include both the NFPA Inspection and NFPA Pump Testing.

## 10 year Maintenance Chart

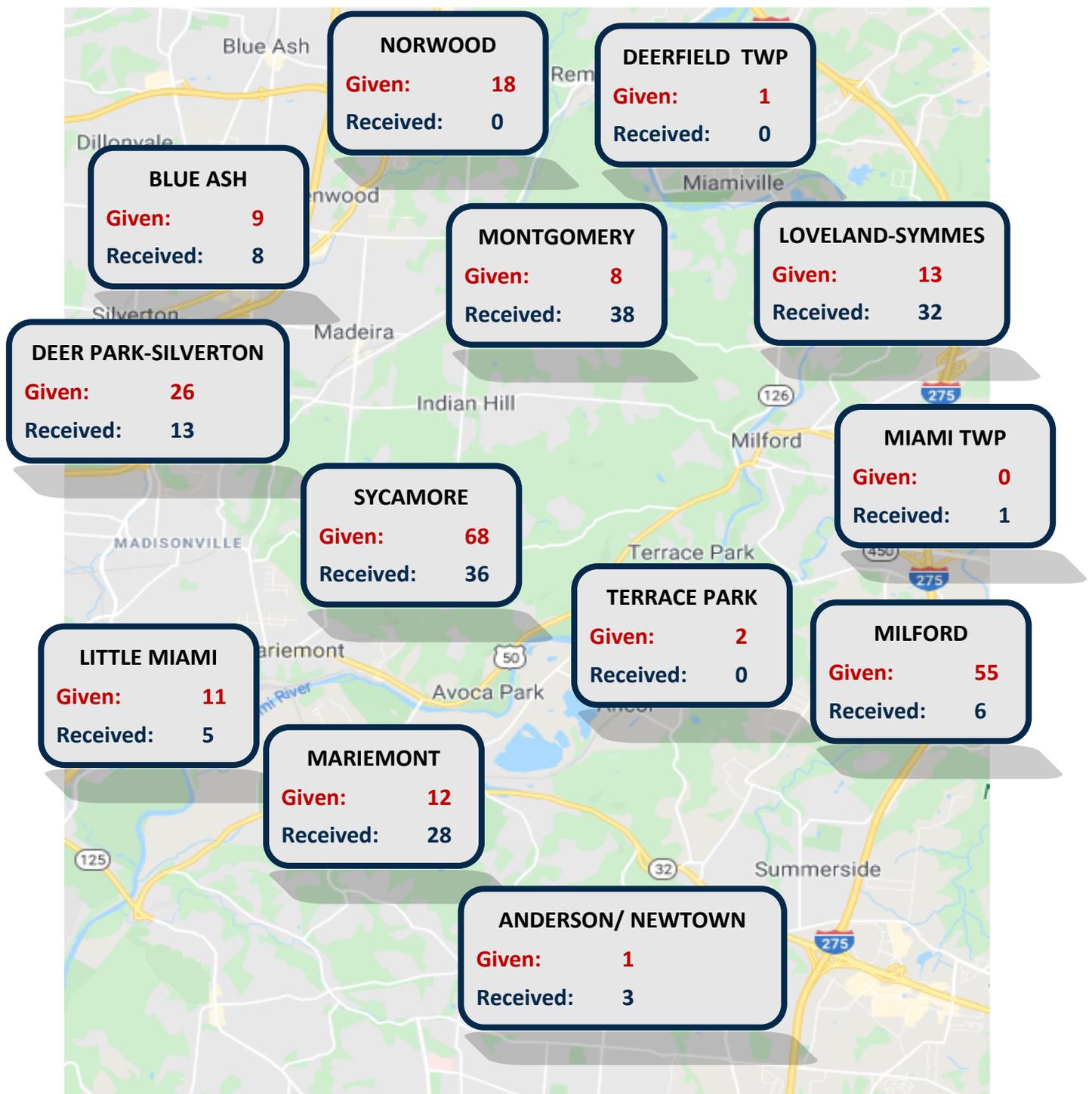


The 10 Year Maintenance Chart highlights the expenditures of our three fire apparatus over the last 10 years. We expect maintenance costs to escalate as the apparatus ages and this data assists in preparing the budget, forecasting future expenditures and helps determine when to replace the fire truck.



# Mutual Aid

Mutual Aid is an important feature of our Fire / EMS service in southwest Ohio. In 2022, we recorded 403 incidents where either mutual aid given or mutual aid was received. We have automatic mutual aid agreements to provide the right amount of equipment, apparatus and personnel to effectively handle larger incidents such as a structure fire. We also utilize and participate in providing chief officers to fill command and supervisory roles during large incidents called the IMAT or Incident Management Assistance Team. The map shows the distribution of mutual aid that was given or received from our neighbors.





# Collaboration

## Hamilton County Fire Chief's Association – East Group

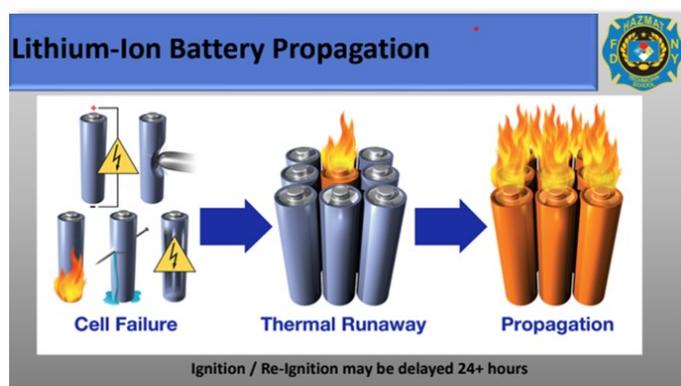
The fire chief was elected to the Executive Committee for the HCFA in 2022 and participation in the group has improved operations for the fire departments in Hamilton County. The group meets each month and most notably in 2022 adopted a comprehensive Incident Command System SOP / SOG. MIHJFD also actively participates in a sub-cell of the HCFA called the East Group. The East Group is comprised of the departments on the East side of Hamilton County including: Milford, Miami Township and Union Township from Clermont County. Interoperability and collaboration in these groups improves service to our citizens and to those around us.

## Lithium Battery Group

Goshen, Mason, Loveland-Symmes and Madeira & Indian Hill Fire Departments have teamed up to develop mitigation strategies for Lithium-Ion battery fires. Across the nation, especially in urban areas like NYC, fires related to lithium-ion batteries have increased exponentially. Not only is the frequency concerning, the rate at which these fires develop is extremely concerning for the fire community. FDNY, NIST and UL are actively providing research to assist fire departments to develop mitigation strategies. Our group has met several times and developed standard operating guidelines for our firefighters, purchased extinguishing and containment systems.

Risk increases due to mismatched charging system use, making modifications to improve battery

performance, battery damage, poorly manufactured, poorly maintained. Risk also increases when the event occurs indoors, near an egress, elevator, or has the ability to propagate to other combustibles or other batteries.



## Little Miami River Group

The Little Miami River Group was formed to enhance the capabilities of fire departments near the Little Miami River. With the annexation of property near the river, Indian Hill now has land that touches the river. Calls to the river occur during all types of river conditions and calls usually increase when we have periods of heavy rain during warm weather. Most of the rescues are simple, but a coordinated response is critical to responder safety because these calls are high risk but low frequency. Training is critical and our response must be performed safely. In its first year, the group has trained together, quarterly, instituted standard operating guidelines and framed an appropriate response that puts the right people in the best position to affect a safe and effective rescue. The group has expanded to include the East Fork River and the group includes fire departments from MIHJFD, Loveland-Symmes Department, Mason, Little Miami, Goshen, Miami Twp, Anderson Twp, Milford, Williamsburg, and Central Joint Fire District.



# Our Why

## **Our Mission:**

To rapidly deliver a highly trained team prioritizing life and safety

## **Our Vision:**

Constantly improve and innovate fire and life safety services through education, preparation and prevention

## **Our Values:**

Compassion, integrity, service and discipline

## **Our Philosophy:**

Improve quality of life