

ANNUAL REPORT



2021



Chief's Report



The Bloomfield Township Fire Department is pleased to submit to you the 2021 Annual Report. The following pages were created to give the community a glimpse into the Fire Department activities, events and information that have occurred during the past year.

After a trying 2020, the Bloomfield Township Fire Department began to see a return to normal operations in 2021. The number of incidents began to climb back to those seen prior to the beginning of the pandemic. The number of EMS incidents increased as more people became more confident in seeking medical care at a hospital and not focusing on COVID. Unfortunately, 2021 still saw an elevated number of fires compared to the years prior to the pandemic. This can be attributed to more people still working from home and more residents completing building and remodeling projects during this time.



Chief's Report



Throughout the year the Fire Department focused on the return to normal. Trying to accomplish trainings that could not be done in groups during the pandemic. From working in groups during EMS trainings to providing hands on fire training that had been delayed we focused on high quality training. In August, prior to the return to school, the Bloomfield Township Fire and Police Departments conducted joint training at East Hills Middle School on active assailant/shooter operations. Over four days both Departments sharpened their skills while considering previous events that have taken place locally and nationally. The goal of this training was to be prepared to work together in the event an active assailant incident were to occur in Bloomfield Township or anywhere locally.

On November 30, 2021 an active assailant incident that everyone had feared came to Oakland County. Oxford High School became the target of an active shooter. The Bloomfield Township Fire Department immediately sent personnel to the scene to provide EMS operational support, command and logistical assistance. The training that had been received for many years in Bloomfield Township was put to good use to help another community in need. Unfortunately, events like this show the need to constantly train and prepare for events that used to be unimaginable in the past. The Bloomfield Township Fire Department will remain dedicated to always learning and training in order to be ready for another event like this that may occur.



Chief's Report



We have seen the world change at a tremendous pace. Everyday a new threat or challenge emerges that the fire service has to be prepared to combat. Gone are the days that firefighting is the sole role of any fire department. Over the years the fire scene has become fire scene, EMS scene, accident scene, HAZMAT scene, technical rescue scene and now unfortunately an active assailant scene.

It is unknown what the next threat or new type of scene will be. The Bloomfield Township Fire Department will constantly be evaluating, assessing, prepping and training to be ready for whatever that next event or scene will be in order to protect the residents of Bloomfield Township.

Sincerely,

**John LeRoy
Fire Chief**



Fire Department Administration



**Fire Chief
John LeRoy
20 Years of Service**



**Assistant Fire Chief
Matt DeRousse
22 Years of Service**



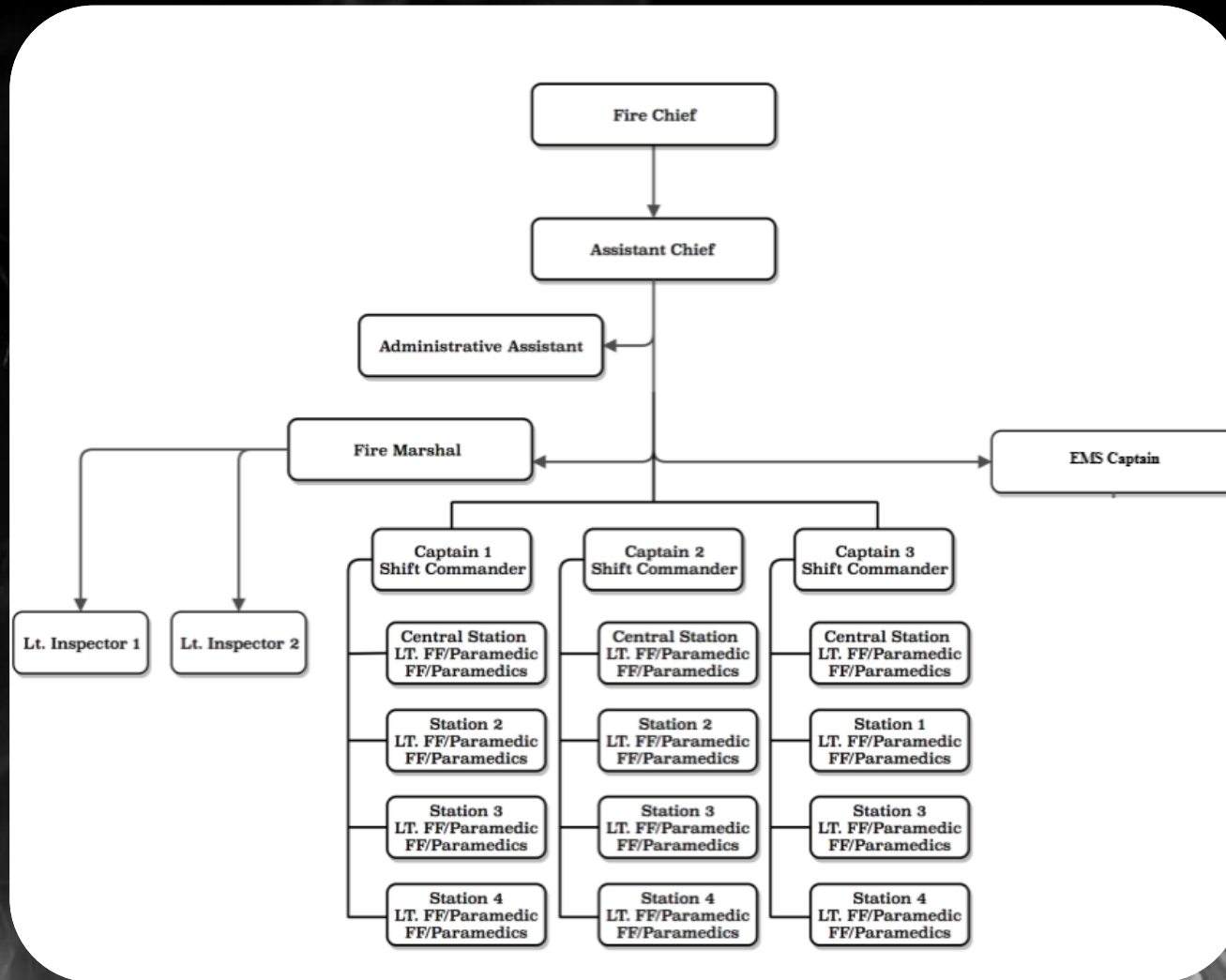
**Fire Marshal
Pete Vlahos
24 Years of Service**



**Administrative Asst.
Sandy Heath
8 Years of Service**



Organizational Chart







Station Information

Station 1-Central Fire

1189	Total Incidents
636	Fire / Other
553	Medical





Station Information

Station 1

Central Fire Station is located at 1155 Exeter, in Bloomfield Township's Municipal Government Complex. It houses one Paramedic Ladder truck, one Incident Command vehicle, one Water Rescue Boat, one Special Operations and Response vehicle (S.O.A.R.), and 2 utility vehicles.

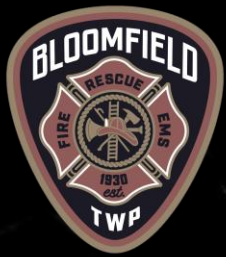
Central Fire Station serves a mostly residential area in the heart of Bloomfield Township. In addition to residences, Central Fire Station protects many well known structures such as Wabeek Country Club, Kirk in the Hills, and the Bloomfield Township Library to name a few. Central Fire Station also has the job of protecting several condo complexes, some light mercantile, and the major thoroughfare of Telegraph Road.

Central Fire Station is staffed with a Battalion Chief, Lieutenant/Paramedic and 1-2 additional Firefighter/Paramedics. The fire department's administrative staff, including the Fire Chief, Assistant Fire Chief, Fire Marshal, EMS Coordinator, two Fire inspectors and a Administrative Assistant are also located at this station.



Station 1 Service Area





Station Information

Station 2

1737	Total Incidents
734	Fire / Other
1003	Medical

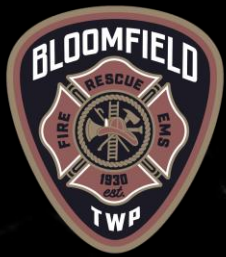




Station Information

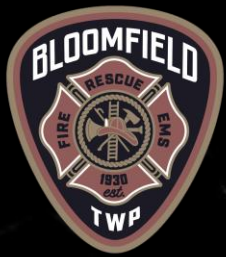
Station 2

Fire Station 2 is located at 1063 Westview, on the Township's northeast side. This fire station houses a Paramedic Engine and a Paramedic Rescue to protect its district. A Lieutenant/Paramedic and three Firefighter/ Paramedics, are assigned to this fire station. Fire Station 2 protects residential areas, light mercantile areas, and the major thoroughfares of I-75, Woodward Avenue, and Square Lake Road. Some of the notable structures located in Station 2's area are the International Academy, Bowers School Farm, Oakland Community College offices, and Academy of the Sacred Heart.



Station 2 Service Area





Station Information

Station 3

1925	Total Incidents
860	Fire / Other
1065	Medical





Station Information

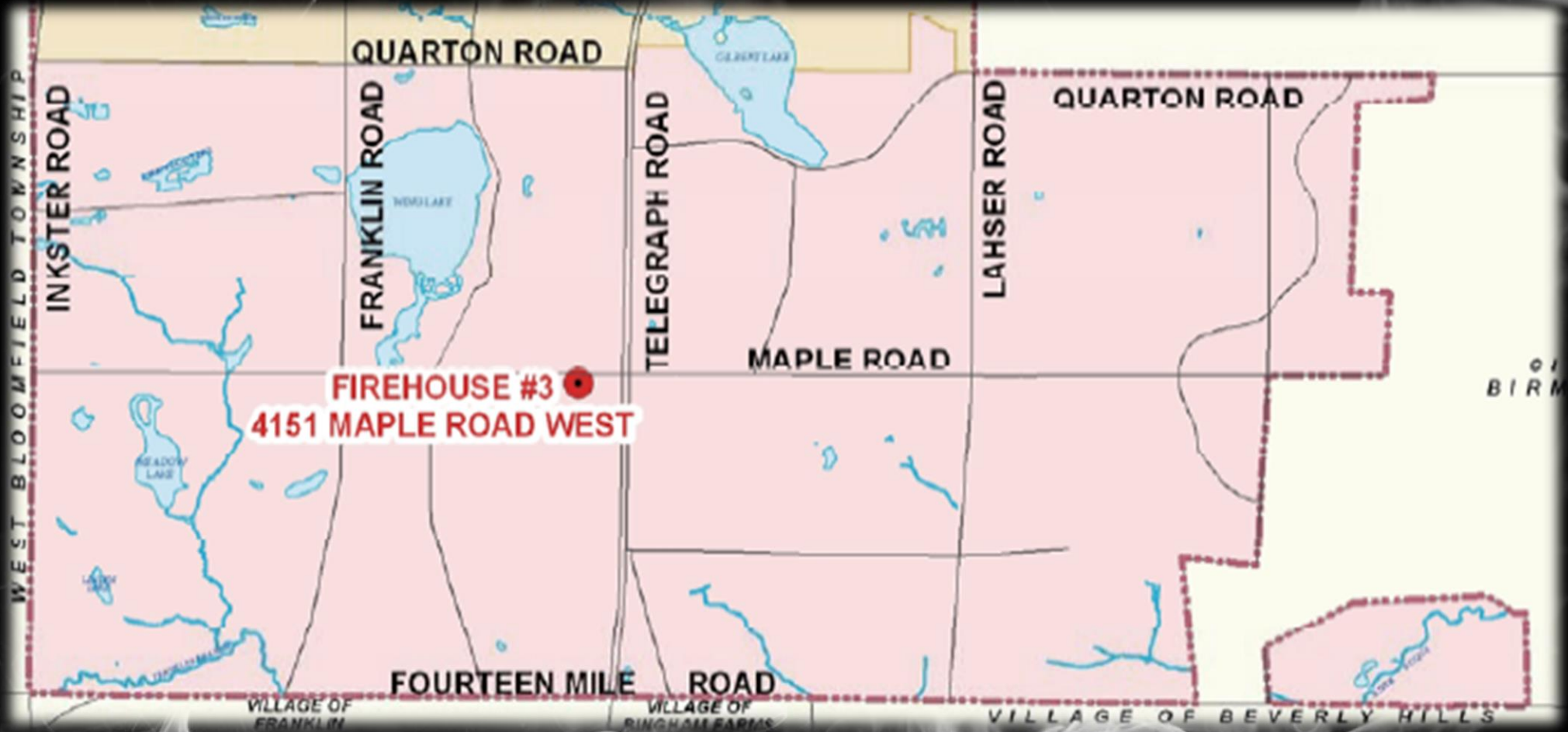
Station 3

Fire Station 3 is located at 4151 W. Maple on the Township's southwest side. This fire station houses a Paramedic Engine, a Paramedic Rescue and a reserve Paramedic Engine. A Lieutenant/Paramedic and three Firefighter/Paramedics are assigned to this fire station.

Fire Station 3 serves a mainly residential area, including Bloomfield Village, some light mercantile and the major thoroughfares of Telegraph and Maple Roads. Some of the notable buildings protected by Station 3 are Oakland Hills Country Club, Franklin Cider Mill, Birmingham Athletic Club, Birmingham Country Club, Sunrise Assisted Living (South), and Temple Beth El.



Station 3 Service Area





Station Information

Station 4

1530 Total Incidents
656 Fire / Other
874 Medical





Station Information

Station 4

Fire Station 4 is located at 2389 Franklin Road on the Township's north side. This fire station houses a Paramedic Ladder Truck, a Paramedic Rescue and a reserve Paramedic Engine. A Lieutenant/ Paramedic and three Firefighter/Paramedics are assigned to this station.

Fire Station 4 serves an area of residential, light through heavy mercantile, light industrial and major thoroughfares of Telegraph Road, Square Lake Road, Woodward Avenue, and I-75. Some of the notable buildings in this area include Forest Lake Country Club, Bloomfield Town Square, Carl's Golf Land, and Sunrise Assisted Living (North).



Station 4 Service Area







Line Personnel

Officers

Battalion Chiefs

Alan VanHeck
Kevin Cardinale
Ryan Husch

Years of Service

26
25
25

Lieutenants

Tim Cowher
Joe Chopski
Nate Keeton
Ed Lietz
Kevin Schuette
Kevin Bailey

Years of Service

23
23
21
21
21
20

Lieutenants

Leonard Wineski
Michael Pucci
Matthew Overby
Shaun Patterson
Brandon Gainer
Ben Bradford

Years of Service

20
18
18
16
13
13



Line Personnel

Firefighter Paramedics

<u>Firefighter</u>	<u>Years of Service</u>	<u>Firefighter</u>	<u>Years of Service</u>	<u>Firefighter</u>	<u>Years of Service</u>
Scott Collins	25	Kenneth Edgemon	7	Bradley Woodhull	3
Robert Gahlau	20	Craig Onderbeke	7	Alec Rie	2
Jason Grunwald	19	Jacob Piché	7	Ian Griffith	2
Jeffrey Bartlett	18	Adam Phillips	6	Aidan Gawura	2
Robert Nichols	18	Christian Bertucci	6	Michael Best	2
Matthew Zsido	13	Chu Yang	5	Jake Kreutzer	1
Jeremy Koziel	13	Patrick Quinn III	5	Travis Smith	1
Joseph McGrail	13	Jason Cloonan	5	Ryan Dumsa	<1
Andrew Gibson	13	Michelle Martin	5	Joe Evangelista	<1
Cory VanHeck	11	Andrew Altman	4	CJ Dagher	<1
Christopher Hull	10	Jeffrey Nancarrow	4	Andrew Fleming	<1
Ryan Switala	9	Adam Corbley	3	Brett Syracuse	<1
Daniel Trudeau	9	Kim Whalen	3		

Incident Metrics

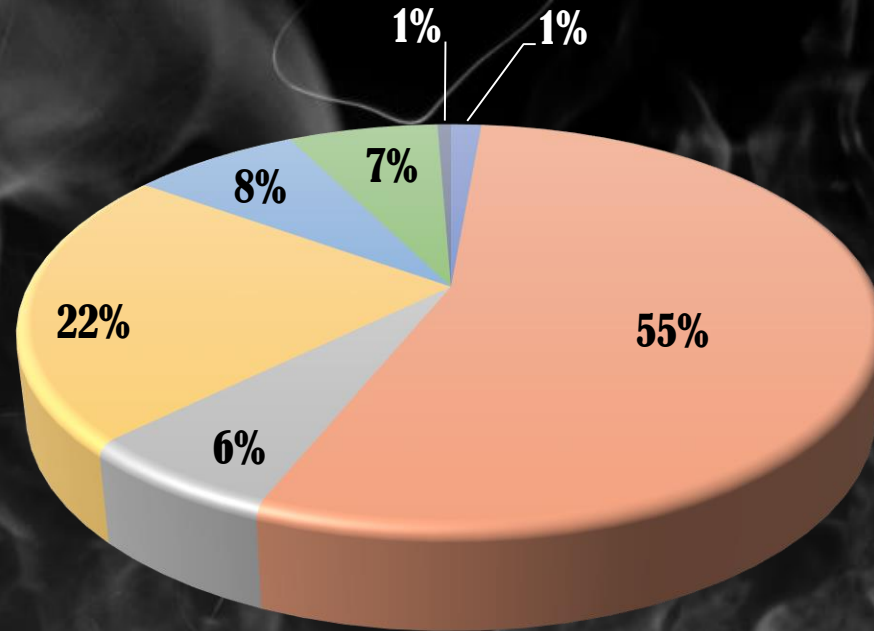
Calls for Service



Incident Metrics

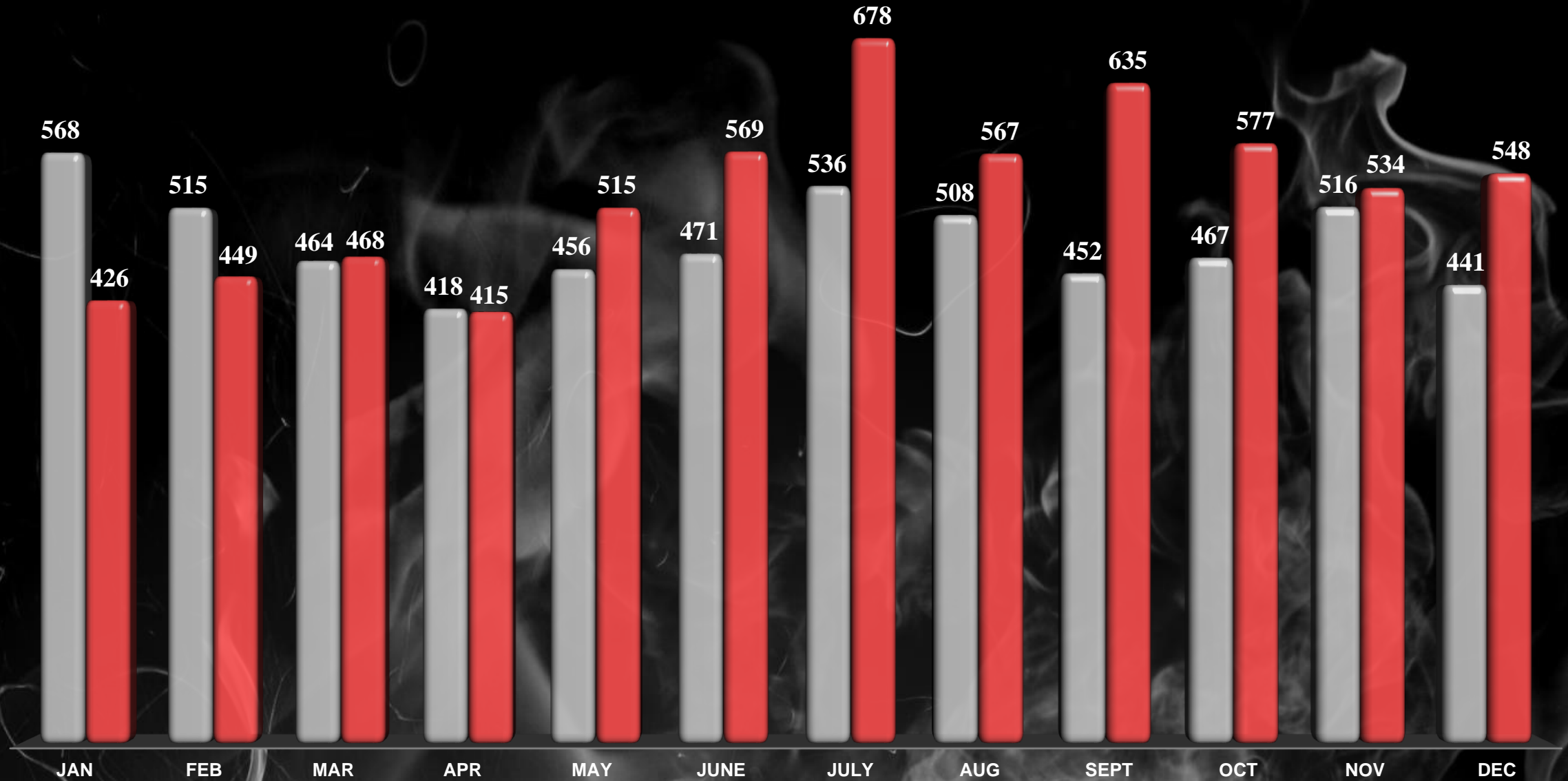
Calls for Service

Fires	88
EMS/Rescue	3495
Hazardous Conditions	416
Service Calls	1421
Good Intent	488
False Alarms	434
Dispatch Error	39
TOTAL	6381



- ▣ Fires
- ▣ EMS/Rescue
- ▣ Hazardous Conditions
- ▣ Service Calls
- ▣ Good Intent
- ▣ False Alarms
- ▣ Dispatch Error

2020/2021 Month to Month Comparison



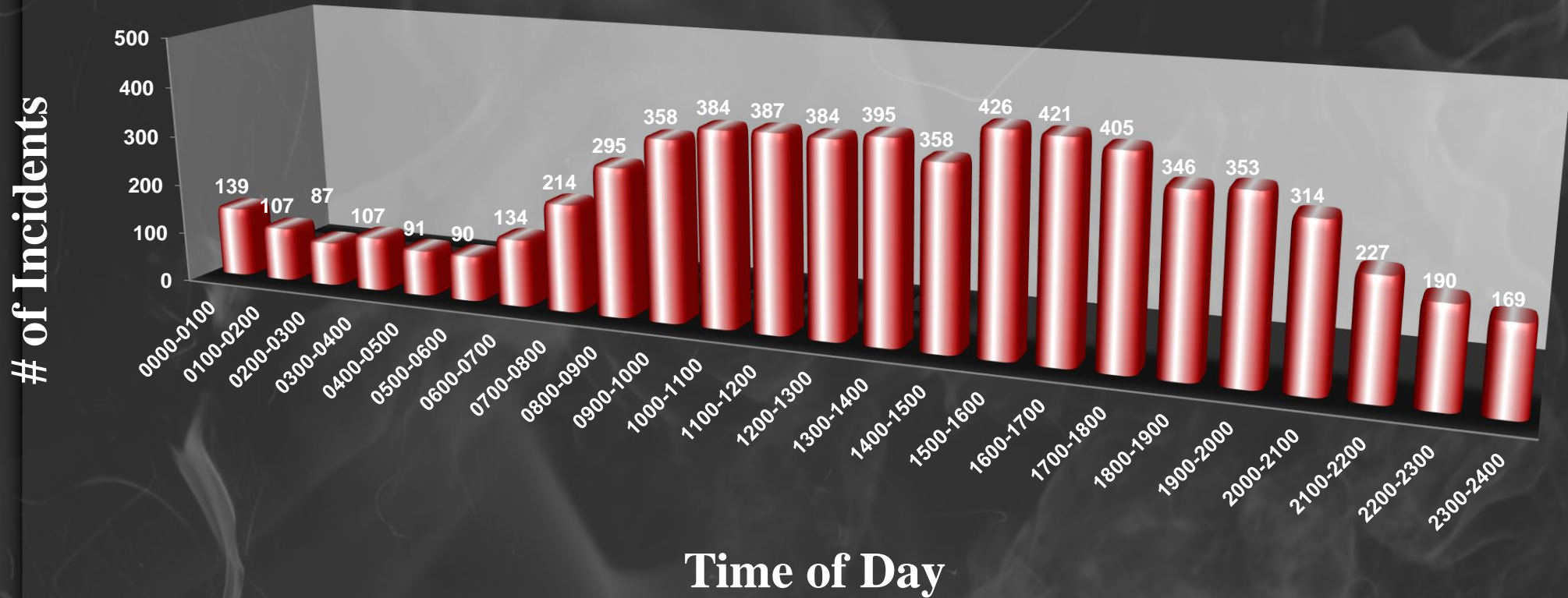
■ 2020

■ 2021



Incident Metrics

Incident/Time of Day Breakdown (YTD)





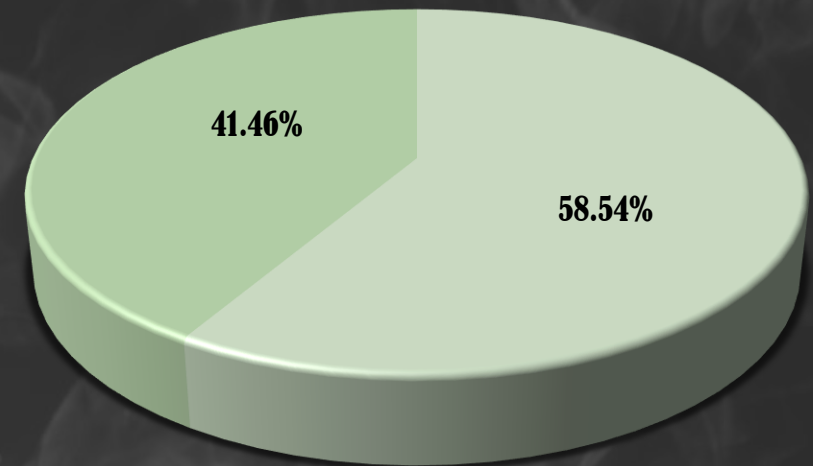
Incident Metrics

Number of Concurrent Incidents	YTD	Percentage
1 INCIDENT OCCURRING	3703	58.54%
2 INCIDENTS OCCURRING AT SAME TIME	1660	41.46%
3 INCIDENTS OCCURRING AT SAME TIME	576	
4 INCIDENTS OCCURRING AT SAME TIME	222	
5 INCIDENTS OCCURRING AT SAME TIME	72	
6 INCIDENTS OCCURRING AT SAME TIME	26	
7+ INCIDENTS OCCURRING AT SAME TIME	67	

41.46%

OF THE TIME THIS YEAR THE BTFD IS ON MULTIPLE CALLS FOR SERVICE AT THE SAME TIME!

SINGLE CALL VS MULTIPLE CALLS AT SAME TIME (YTD)







Training Report

In 2021, firefighters completed over 12,000 hours of training which is still below the pre-pandemic levels. One thing that remained the same is that fire related training accounted for the largest percentage of overall training time. This statistic is vitally important to the growth and safety of our firefighters. Modern day fire ground tactics and strategies, as well as firefighting equipment constantly evolves to meet the changing fire conditions that we face today. This includes the reality of responding to more fire related incidents then ever before, with significantly fewer personnel.

Fire officer development accounted for over 2,200 hours of training in 2021 which is second to fire related training. This training is essential to prepare the future leaders of the fire department. The Bloomfield Township Fire Department will experience a significant loss of leadership and experience in the next five years due to retirements so it is imperative that officer development training continues to expand. Each year, at least one officer attends the Eastern Michigan University School of Fire Staff and Command. This management-oriented program consists of 350 hours of competency-based education spread over 10 months. The School of Fire Staff and Command targets those fire officers destined for senior leadership and prepares them with the knowledge, skills and abilities needed to manage their fire departments.



Training Report

In 2021, Lieutenant Fire Inspector Ryan Morin attended EMU Class 23. Not only did Lt. Morin successfully complete the challenging 10-month program; he finished as the Top Academic student and submitted the Top Applied Research Project. There were 41 fire officers from across Michigan in Lt. Morin's graduating class.

Many years ago, the Bloomfield Township Fire Department made high level training a priority and it has now become a large part of our culture. Similarly, our firefighters spend many hours participating in physical fitness training. Our firefighters recognize that a consistent physical fitness program and good nutrition will help them increase their endurance and decrease their risk of injury on emergency incidents.

The members of the BTFD are more than willing to do the work in order to provide the residents with the highest level of service and commitment.

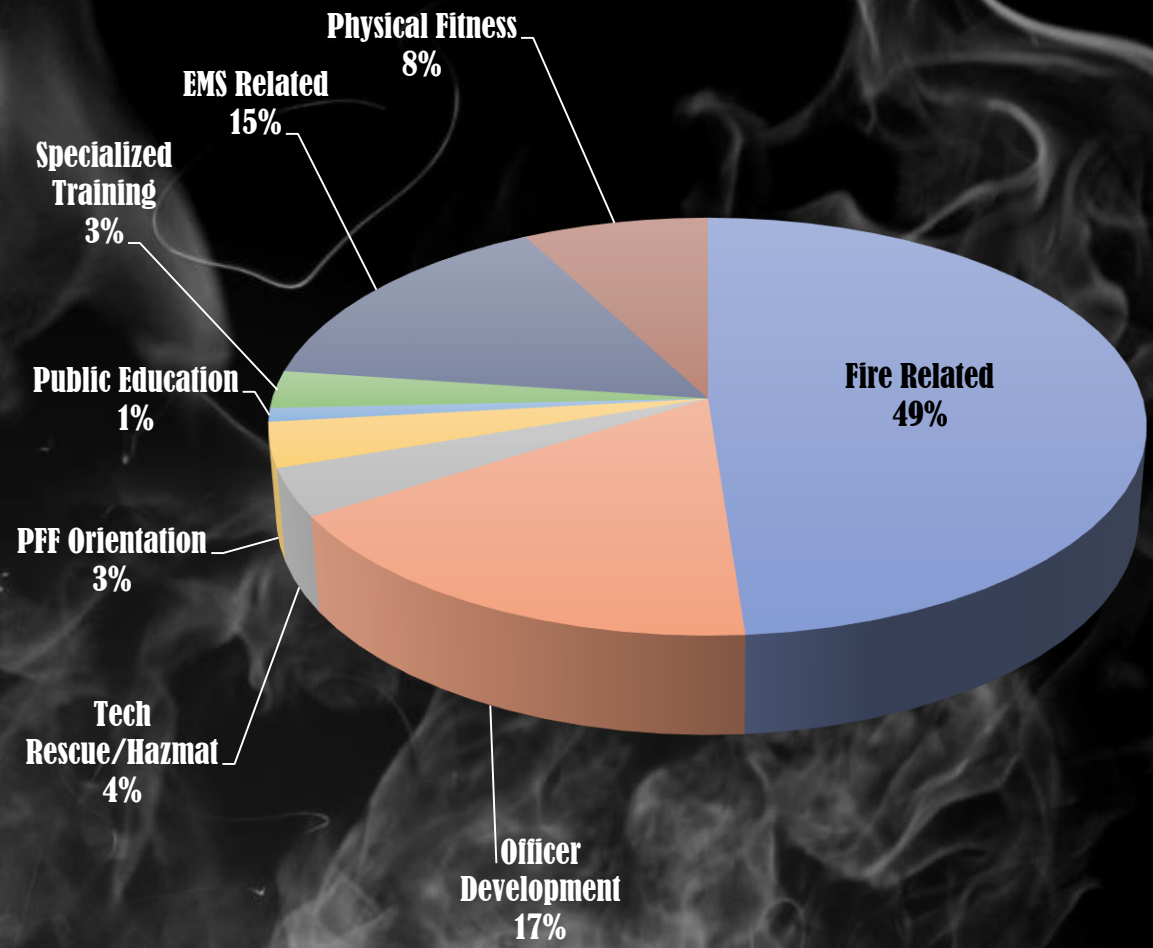
Respectfully,

Matt DeRousse

Assistant Chief



Training	Training Hours
Fire Related	6243
Officer Development	2200
Technical Rescue/Hazmat	475
Probationary FF Orientation	446
Public Education	135
Specialized Training/Deployments (MITF-1, PEM)	371
EMS Related	1925
Physical Fitness	995
TOTAL	12,790





Fire Marshal Report



The Fire and Life Safety Division proactively protects the residents, businesses, visitors, and firefighters of Bloomfield Township through three main methods: education, engineering, and enforcement. To illustrate a few examples, these prevention methods are carried out by providing: innovative and targeted fire safety and injury prevention instruction, conducting plan reviews of building construction and fire protection systems within the Township, inspecting commercial buildings to protect occupants and the business from fire hazards, investigating fires that occur to prevent future fires by identifying common risk factors, and monitoring specific hazards that exist within Bloomfield Township through Firefighter Right-to-Know data.





EMS Report

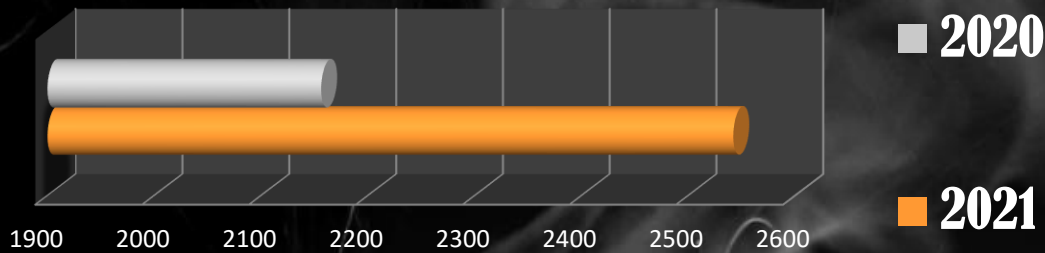
Transitioning into 2021, still in the middle of a pandemic, the world of EMS slowly returned to normal. EMS call volume and transport revenue returned almost to pre-pandemic levels. We were finally able to meet in person, still using precautions, to perform some much-needed hands on EMS training. Our EMS crews have continued to provide the highest level of advanced life support care as possible. During 2021 our 911 dispatchers were trained and began providing emergency medical dispatching (EMD) to anyone that calls 911 in Bloomfield Township. This level of service adds a scripted series of questions and instructions to better help the caller before the arrival of EMS. It also provides more information regarding what symptoms are occurring to the patient. This helps EMS decide whether there is a need to respond emergency or can drive normal traffic and reduce risk to personnel and the community. EMD also helps paramedics decide what equipment may be needed upon arrival and brought into the call. EMD adds another layer of best in class service that our residents have come to expect.



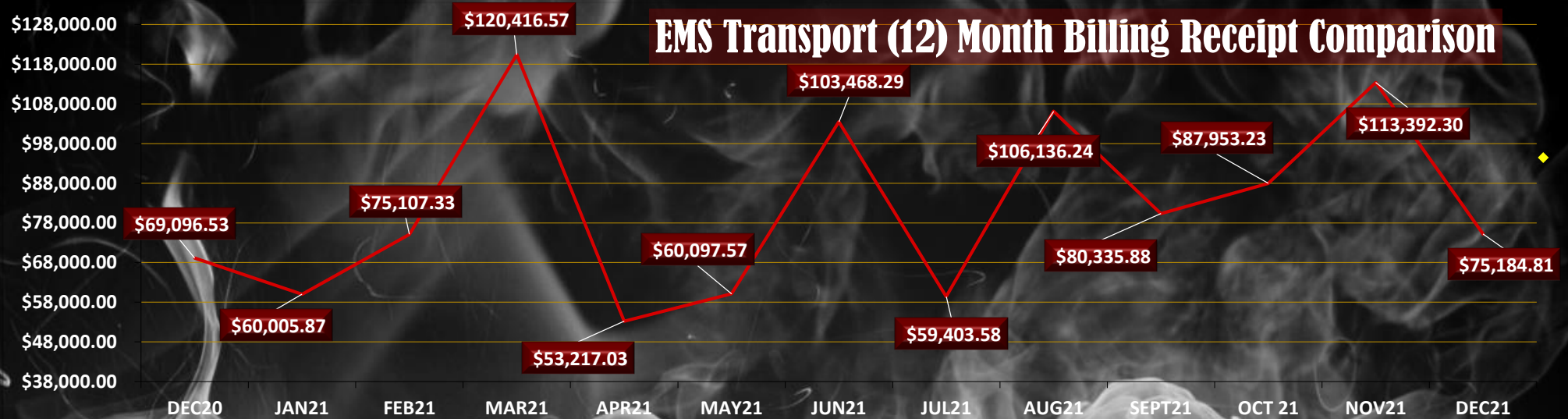
EMS Metrics

Transport Breakdown

2020/2021 Transport Comparison



+ 386 compared to 2020







Village Fire Department Report



The residents of Bloomfield Village are in a unique situation as they are protected by a volunteer fire department, The Bloomfield Village Fire Department (BVFD), as well as the Bloomfield Township Fire Department (BTFD). Our volunteer Firefighters live in the village, are state certified, can respond to calls, and are able to participate in training throughout the year. In addition to the 10 volunteers, we have 2 part time Lieutenants on the department who oversees the day to day operations of the village fire station.

The Bloomfield Village Fire Department budget is authorized by a special assessment district. These monies are billed by Bloomfield Township in the winter tax statement to all properties located within Bloomfield Village. Mike Cummings and Ron Nancarrow, both BTFD retirees, oversee the day-to-day operations of the Bloomfield Village Fire Department. Their duties include responding to any emergency runs in the village, as well as providing training to the village volunteers. The BVFD has one fire engine and one 4-wheel drive emergency vehicle that provide service to the community.

The Bloomfield Village Fire Station is located at 3595 Bradway Boulevard.

**Respectfully,
Chief Geoff Hockman**



Emergency Management

With the uncertainty of an ever-changing world, emergency management continues to be a vital service provided by Bloomfield Township. The Emergency Management Division continues to serve our community by working to ensure that the emergency response personnel, and the employees of Bloomfield Township, are prepared to minimize the impact of any natural or man-made disaster incident. Examples of emergency management activities include mitigating emergencies before they occur, preparing for identified threats or hazards that face our community, coordinating response during a disaster to save lives and minimize property damage, and managing efforts to help our community recover after a disaster. Bloomfield Township Fire Department currently has four personnel designated, though the State of Michigan, as Professional Emergency Managers (PEM). Some responsibilities include managing the Emergency Operations Center (EOC), developing and facilitating trainings for the Bloomfield Township Emergency Management Program.

**Respectfully,
Fire Marshal Peter Vlahos**



Technical Rescue

The Bloomfield Township Fire Department Technical Rescue Team (TRT) consists of ten (10) members that are trained to the technician level in the following disciplines: rope rescue, trench rescue, confined space rescue, structural collapse rescue, as well as additional training in machine rescue, wide area search, advanced vehicle extrication, and other urban search and rescue techniques.

All members of the TRT are also members of the OAKWAY TRT, and train at least four times a year with the other OAKWAY Departments. Five members of the TRT are also members of Michigan Task Force 1 (MITF-1). MITF-1 is an Urban Search and Rescue (USAR) team that consists of over 100 personnel from more than 30 Fire Departments from across the State. BTFD's members of MITF-1 have responded to incidents both locally and throughout the eastern United States.



HAZMAT

The Bloomfield Township Fire Department HazMat team is made up of 13 HazMat technicians and specialists. They undergo many hours of specialized training to mitigate any Hazardous Materials emergencies in the township. BTFD HazMat Team is also part of the OAKWAY HAZMAT Team which is a regional response team. Throughout the year the team members handled numerous HAZMAT calls. Many of these calls are carbon monoxide incidents, fuel spills, and natural gas leaks. While most HazMat calls are relatively minor in nature, the team also responds to large scale events where our extensive training and equipment is utilized to protect both life and the environment. BTFD has members staffed each day to provide HAZMAT expertise and ensure the safety of Bloomfield Township and its OAKWAY partners.



BTFD Charities

2021 saw the return of the coveted BTFD Annual Golf Outing and in person charitable events. This year we successfully sold out our annual golf outing and had an amazing day at the W Club (Wabeek Country Club). The BTFD Charities also held multiple raffles to help raise money for charitable donations. The 2021 holiday season allowed BTFD Charities and the BTPD Benevolent fund to work together again and help 3 families in need. The team was able to present both food and presents to these very deserving families and provided them with some holiday cheer. Also, the BTFD Charities collected clothes and household items to donate to a local township resident with 5 small children this past holiday season.

As we embark into 2022, we hope to get back to seeing all of our charitable partners from the years past and networking with new future supporters. This year we will look to add new fundraising events and ways to interact and help the public.

**Respectfully submitted,
Lieutenant Ed Lietz
President, BTFD charities**



Frequently Asked Questions

What is a “Lock Box” & where can I obtain one?



A Lock Box is a secured locked box that is placed on the front of a building/house and contains keys to the building or residence. The fire department keeps a key that opens the Lock Box locked and secured on their vehicles. This allows the fire department easy access to a home or business even when the building may be secured, i.e. after hours or when occupants have limited mobility. Information to purchase a “Lock Box” can be obtained by calling the Bloomfield Township Fire Department at 248-433-7745.



Frequently Asked Questions

If my Carbon Monoxide detector activates, what should I do?

Carbon Monoxide (ALSO KNOWN AS THE SILENT KILLER) is a colorless/odorless gas that is created by the incomplete combustion of carbon based fuels. It also connects to blood cells at a rate 200 times faster than oxygen. It is recommended that you install a Carbon Monoxide detector on each level of your home and if a detector activates, call 911 and leave your home. The fire department will come to your home and check the level of Carbon Monoxide (if any).



Frequently Asked Questions

Is it legal to burn brush, leaves or tree branches in Bloomfield Township?

No, it is not legal to have any open burning in Bloomfield Township. Only approved containers (Recreational Fire Pits) are allowed. See the Township's website for further information. www.bloomfieldtwp.org



Frequently Asked Questions

What should I do with HOT fireplace ash?

DO NOT remove hot ashes from the fireplace immediately. Wait up to 2-3 days and let the ashes cool completely in the fireplace until there are no remaining hot embers before removing them. Place cool ash in a metal container and store outside away from the home and all combustibles.



Frequently Asked Questions

What should I do with cloth rags used for staining materials?

DO NOT dispose of the cloth rags in the garbage. Stain and Linseed oil may heat up and combust over time. Place the cloth rags outside away from the home to air out and dry. Once the stain on the cloth rags is dry it may be place in the garbage

Frequently Asked Questions

What should I do with old Lithium Batteries ?

DO NOT dispose of these batteries in your trash cans or regular waste. These batteries have a great chance of catching fire in your trash can or in the garbage truck.

Lithium batteries are capable of a runaway thermal reaction if there is any physical or charging damage done to the batteries. These batteries need to be disposed of at a hazardous waste event. Also make sure you use the correct charger with all of your lithium devices



“When in Doubt, Call Us Out!”

- That’s what you need to remember, no matter what situation or problem may arise. When you don’t know where to turn, turn to us, your Fire Department. We have knowledge and resources to help solve almost any problem you may encounter, even those situations not directly related to fire or medical emergencies. Remember, we’re here to serve you, any time, any day, and in any way.**