



2017 Annual Report

CHIEF'S REPORT



Mike Morin
Fire Chief

The members of the Bloomfield Township Fire Department are pleased to submit to you the 2017 annual report.

As we plan for the future we must review our past. Looking back at the Fire Department just 50 years to 1967, with a Township population just over 23,000, the Fire Department (FD) consisted of a Chief, Fire Marshal and 30 firemen who responded to 614 alarms; 20% of them (123) were Inhalator runs, which we know today as EMS calls. The fire department training amounted to 420 hours annually, and it suffered one of the highest fire dollar losses of its time (\$643,000), approaching the loss of the Kirk in the Hills fire of 1957 of nearly 1 million dollars, due to fires at both the Yankee store and Fretter appliance.

1977 saw the birth of the Paramedic, and 2017 marked the 40th year of Advanced Life Support (ALS) in Bloomfield Township. We were one of the first fire departments in Michigan to be licensed ALS by the State, with 1 newly purchased rescue truck, staffed with 2 brand new paramedics, servicing over 42,000 residents. The department was growing, consisting of 63 employees that responded to 1471 runs that year, 663 of which were EMS. We would later become one of the first departments to transmit 12 lead EKG's from the field, have all apparatus licensed to the ALS level, be the only municipal Fire Department involved in Community Para-medicine in Michigan and more recently the only FD involved in a study for Stroke recognition in pre-hospital care which will improve stroke patient outcome in the future.



By 1987 (the year I made probation), the words "computer generated report" were introduced into the annual report. This was the generation that started to thirst for information, challenging the status quo and doing it using data. The department now protected over 1.5 billion dollars in property value and continued to expand training in areas such as the Incident Command System (ICS), Fire Prevention activities, and Hazardous Materials (HazMat) response, without delay, we developed the first HazMat Team and later Technical Rescue Team. The department had grown to 76 employees and a secretary, the largest ever. The Township Population held steady at around 42,000 while calls for service continued to rise reaching 2240 calls with over half (1268) being EMS related.



In 1997, we responded to 2972 incidents, with EMS accounting for 59% of them (1782). No real change in the number of structure fires (46) but a noticeable climb in the number of Service calls, 152 for the year.

In 2007 there were 3623 total incidents, with EMS making up 60% of them (2179), while service calls have doubled to 338. The FD recognized the need to look at how we could deliver customer service at a higher level. The department would later implement EMS transport to improve customer service and create a revenue stream to offset shortcomings from a failing economy and a reduction of tax dollars. This was all done with the support and guidance of the Township Elected officials. The training hours began to grow reaching over 5000 hours.



This brings us to 2017, we have come a long way since we responded from the basement of Township Hall. Today, with four stations, we operate a force of 1 command vehicle, 3 rescues, 2 engines, 2 ladders, 1 Special Operations and Rescue (SOAR) truck, a boat and 64 highly trained firefighter/paramedics protecting over 6 billion dollars of property. Our changing world landscape has forced our police officers to carry Narcan, for drug overdoses, and our firefighters to wear bullet proof vests for active assailant incidents.

Our EMS runs in 2017 (3105), alone surpassed the total number of runs we responded to 20 years ago (2972). The customer service campaign “When in Doubt, Call us Out” has made an impact, as we have responded to over 1560 citizen assist calls in 2017. Additionally, our crews participated in over 18,000 hours of training, and 3 personnel were deployed as members of Michigan Task Force 1 to Florida for support after hurricane Irma.

The Township has seen many changes since 1967. It is with the support of the elected officials, the Bloomfield community and the dedication of the Bloomfield Township Firefighters both past and present, which has allowed us to keep pace with the changing needs of the community, while providing the best possible Fire, EMS and Customer Service. We are proud of our great history and look forward to your continued support, and seeing what the future brings to the next 50 years.





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FIRE DEPARTMENT ADMINISTRATION

Mike Morin
Fire Chief
30.7 Years of Service



Peter Vlahos
Fire Marshal
21 Years of Service



Christopher Whitehead
Operations Officer
30.4 Years of Service



Sandy Heath
Administrative Assistant
3.6 Years of Service



John LeRoy
Asst. Fire Chief
16 Years of Service



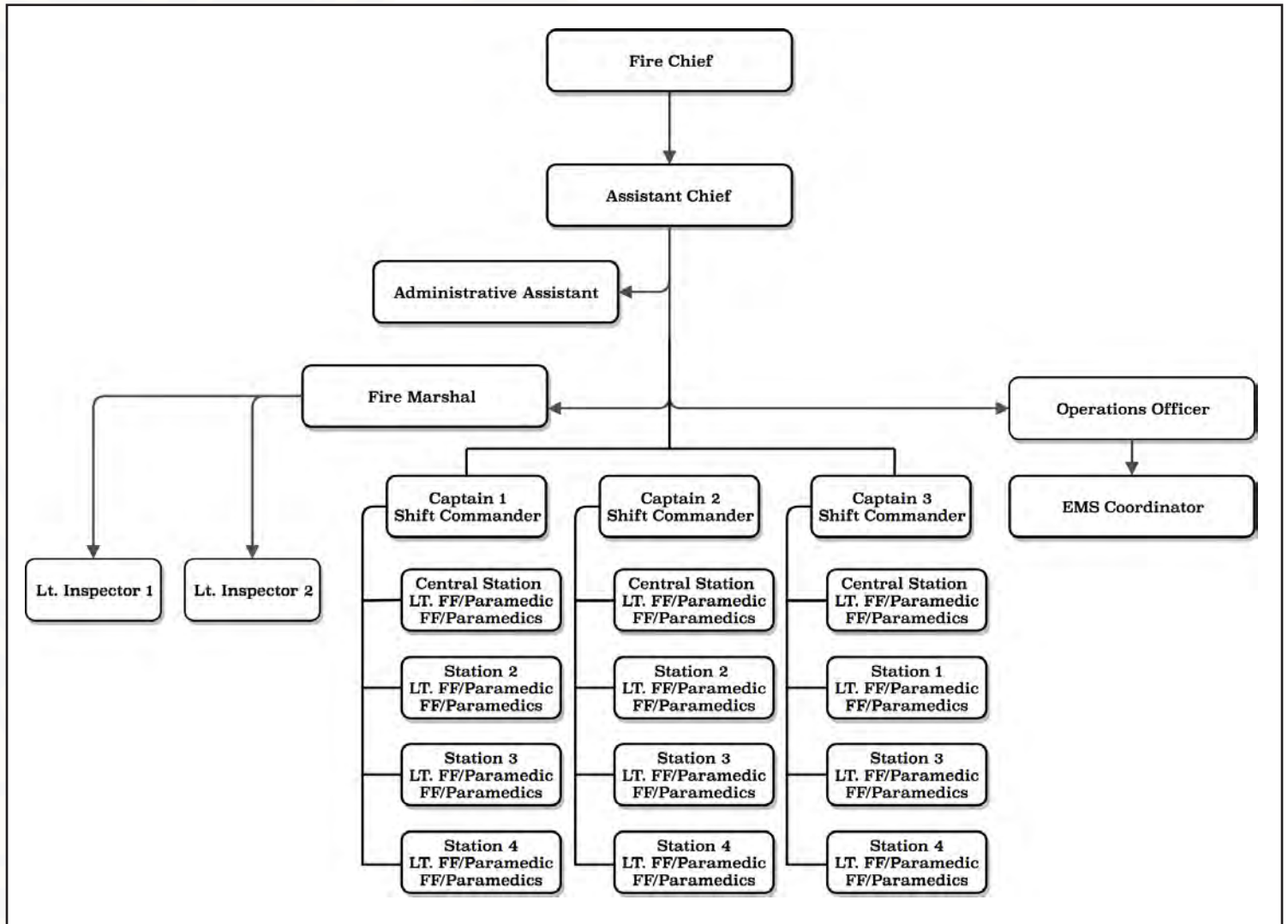
Capt Matthew DeRousse
EMS Coordinator
18.3 Years of Service



Lt. Kenneth Kowalski
Fire Inspector
22.3 Years of Service



FIRE DEPARTMENT ORGANIZATIONAL CHART



STATION INFORMATION

CENTRAL FIRE STATION 1

1,227 Incidents
744 Fire Related
483 Medicals



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 Paramedic Rescue truck, one Water Rescue Boat, one Special Operations and Rescue truck (S.O.A.R.), and numerous staff and 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 one Shift Commander (Captain/Paramedic), one Lieutenant/Paramedic, and five additional Firefighter/Paramedics. The fire department's administrative staff, including the Fire Chief, Assistant Fire Chief, Fire Marshal, EMS Coordinator, Operations Officer, two Fire Inspectors, Administrative Assistant, and a Secretary, are also located at this station.

FIRE STATION 2

1,436 Incidents
668 Fire Related
768 Medicals



Fire Station 2 is located at 1063 Westview, on the Township's northeast side. This fire station houses one Paramedic Engine and one Paramedic Rescue truck 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 Heartland Healthcare - Georgian Bloomfield nursing care facility.

FIRE STATION 3

2,191 Incidents
1,074 Fire Related
1,117 Medicals



Fire Station 3 is located at 4151 W. Maple on the Township's southwest side. This fire station houses one Paramedic Engine, one Paramedic Rescue truck, and one 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.

FIRE STATION 4

1,428 Incidents
652 Fire Related
776 Medicals



Fire Station 4 is located at 2389 Franklin Road on the Township's north side. This fire station houses one Paramedic Ladder Truck, one Paramedic Rescue truck, one reserve Paramedic Engine, and one reserve Paramedic Rescue truck. 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).

LINE PERSONNEL

<u>NAME</u>	<u>RANK</u>	<u>YEARS OF SERVICE</u>
Cummings Gary M.	Captain/Paramedic	37.3
Nancarrow Ronald J.	Captain/Paramedic	34.6
Koskinen Daniel C.	Lieutenant/Paramedic	27.7
Sesock Nicholas D.	Lieutenant/Paramedic	27.6
Fox Gary K.	Lieutenant/Paramedic	27.3
Fritz William D.	Lieutenant/Paramedic	24.2
VanHeck Alan D.	Lieutenant/Paramedic	22.1
Cardinale Kevin J.	Captain/Paramedic	21.6
Husch Ryan A.	Lieutenant/Paramedic	21.5
Collins Scott N.	Firefighter/Paramedic	21.0
Cowher Timothy J.	Lieutenant/Paramedic	19.7
Chopski Joseph E.	Firefighter/Paramedic	19.7
Syracuse Joseph B.	Firefighter/Paramedic	18.7
Keeton Nathaniel A.	Lieutenant/Paramedic	17.7
Lietz Edward J.	Lieutenant/Paramedic	17.4
Valigura James A.	Firefighter/Paramedic	17.4
Schuette Kevin W.	Firefighter/Paramedic	16.9
Bailey Kevin G.	Lieutenant/Paramedic	16.6
Gahlau Robert A.	Firefighter/Paramedic	16.4
Wineski Leonard V.	Lieutenant/Paramedic	16.0
Grunwald Jason P.	Firefighter/Paramedic	15.6
Pucci Michael A.	Firefighter/Paramedic	14.7
Overby Matthew K.	Lieutenant/Paramedic	14.6
Bartlett Jeffrey R.	Firefighter/Paramedic	14.5
Nichols Robert A.	Firefighter/Paramedic	14.2
Patterson Shaun C.	Firefighter/Paramedic	12.8
Zsido Matthew A.	Firefighter/Paramedic	9.5
Koziel Jeremy C.	Firefighter/Paramedic	9.5
Gainer Brandon R.	Firefighter/Paramedic	9.5
McGrail Joseph P.	Firefighter/Paramedic	9.5
Bradford Benjamin F.	Firefighter/Paramedic	8.9

NAME	RANK	YEARS OF SERVICE
Gibson Andrew M.	Firefighter/Paramedic	8.9
Sova Michael J.	Firefighter/Paramedic	8.7
VanHeck Cory D.	Firefighter/Paramedic	6.9
Hull Christopher L.	Firefighter/Paramedic	6.7
Ryan Kevin A.	Firefighter/Paramedic	5.6
Miller Benjamin E.	Firefighter/Paramedic	5.6
Switala Ryan A.	Firefighter/Paramedic	5.6
Trudeau II Daniel J.	Firefighter/Paramedic	4.8
Morin Ryan M.	Firefighter/Paramedic	4.6
Sukarukoff Matt B.	Firefighter/Paramedic	3.7
Edgemon Kenneth S.	Firefighter/Paramedic	3.7
Onderbeke Craig A.	Firefighter/Paramedic	3.4
Piché Jacob D.	Firefighter/Paramedic	2.9
Phillips Adam C.	Firefighter/Paramedic	2.3
Metz Michael P.	Firefighter/Paramedic	2.2
Bertucci Christian P.	Firefighter/Paramedic	1.8
Yang Chu	Firefighter/Paramedic	1.2
Quinn Patrick J.	Firefighter/Paramedic	1.1
Cloonan Jason M.	Firefighter/Paramedic	1.0
Perkins Matthew W.	Firefighter/Paramedic	0.9
Figurski Michelle L.	Firefighter/Paramedic	0.8
Elliott Brett D.	Firefighter/Paramedic	0.2
Altman Andrew J.	Firefighter/Paramedic	0.1

TOTAL

LINE PERSONNEL - 54 personnel

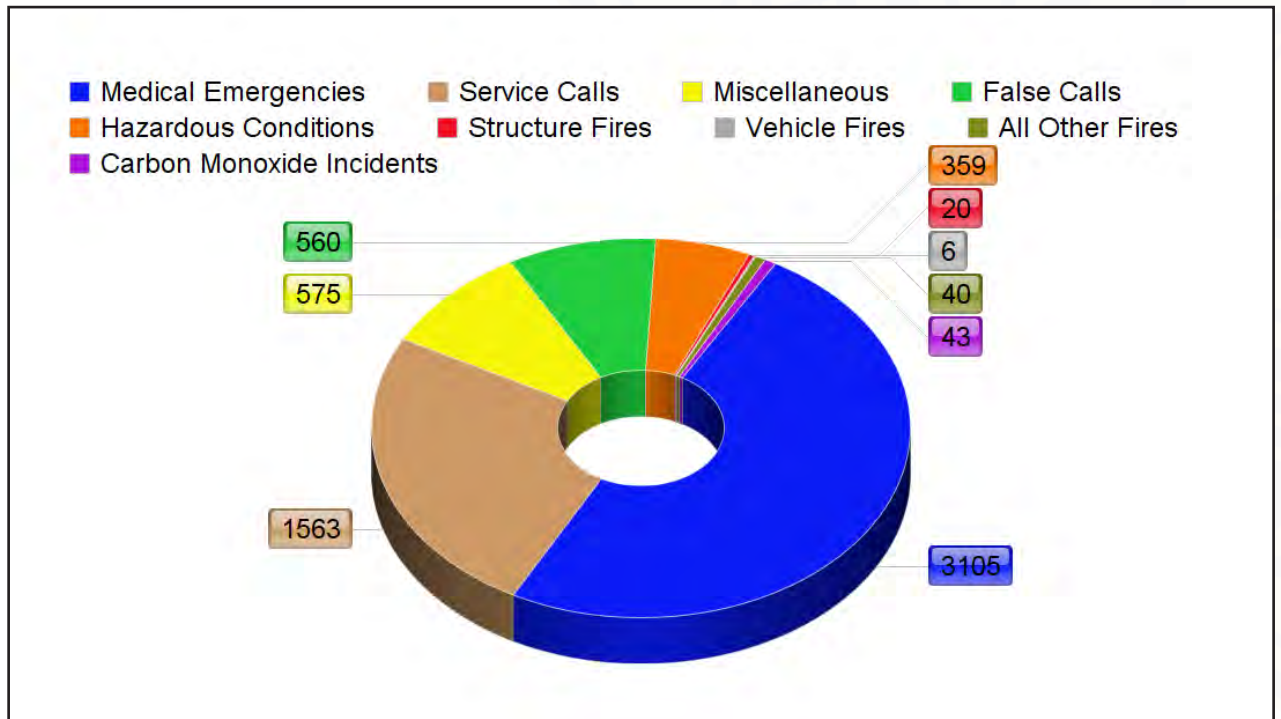
3 Captain/Paramedics

12 Lieutenant/Paramedics

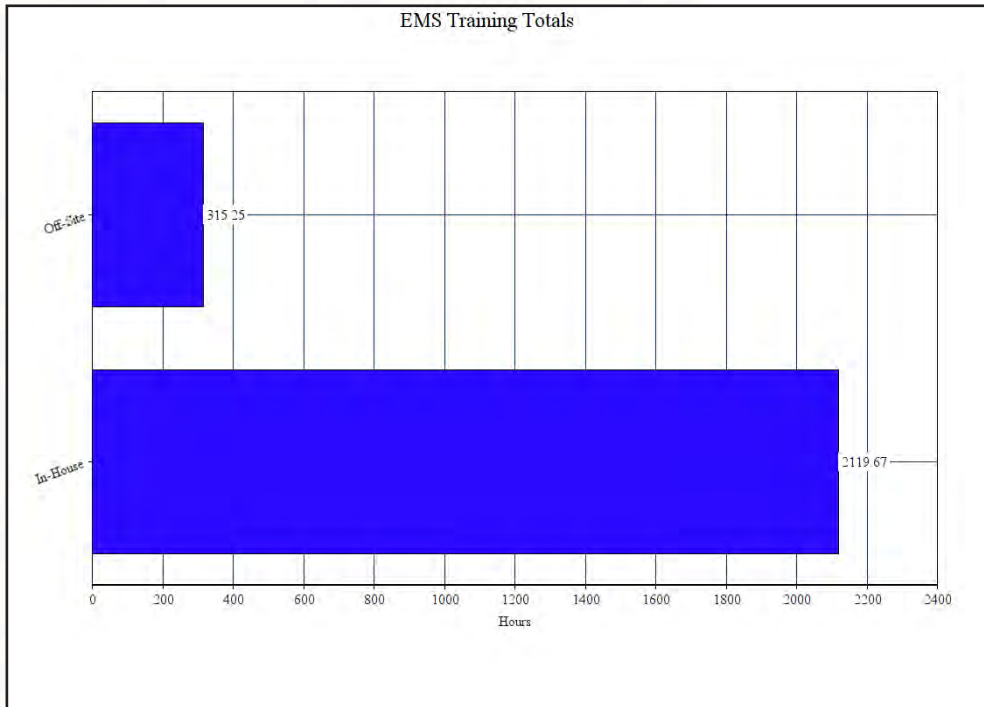
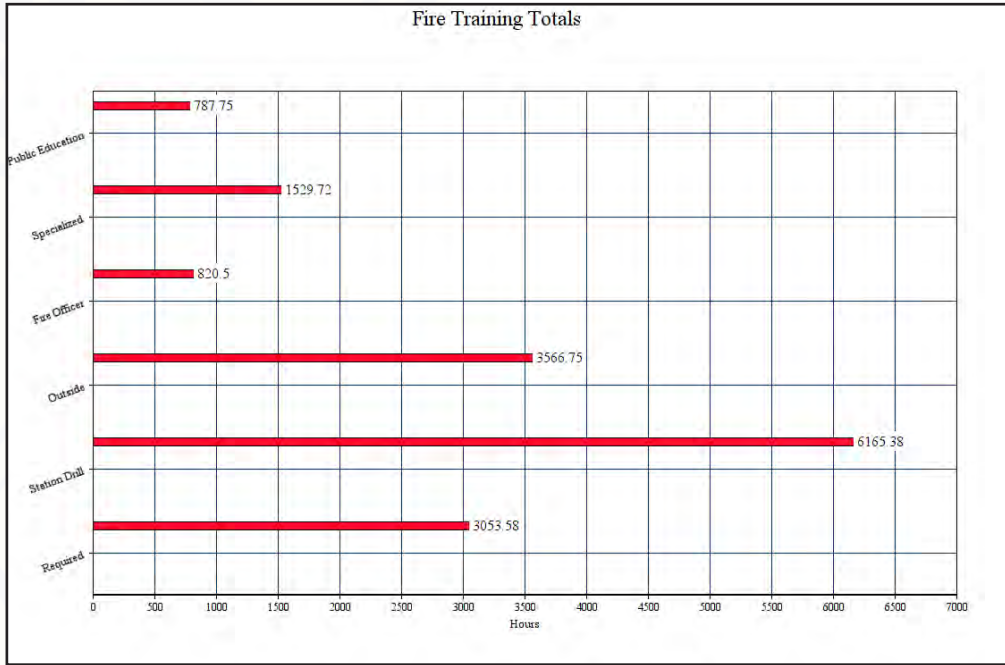
39 Firefighter/Paramedics

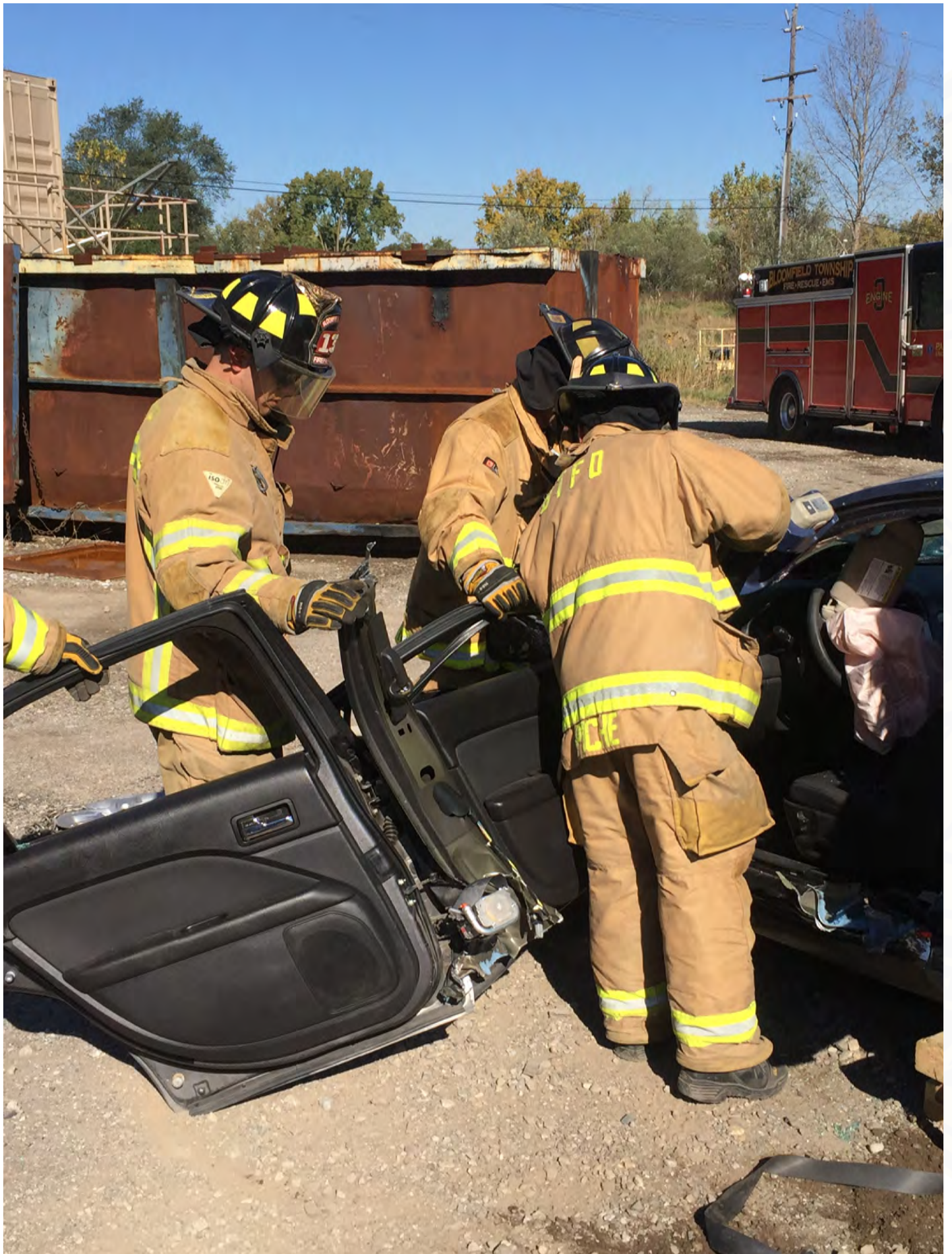
RESPONSE TYPES

Type of Situation	2017	2016	2015
Medical Emergencies	3105	2933	3045
Service Calls	1563	1390	966
Miscellaneous	581	508	389
False Calls	570	500	501
Hazardous Conditions	359	188	169
Structure Fires	20	18	29
Vehicle Fires	6	8	15
All Other Fires	40	58	24
Carbon Monoxide Incidents	43	22	17
Total	6287	5021	5155



2017 TRAINING HOURS





TRAINING REPORT



John LeRoy
Assistant Fire Chief

Over the past ten years, the Bloomfield Township Fire Department (BTFD) has not only become a local leader for training, but a leader in training at the County and State level. From providing innovative and thought provoking educational classes to building a local training facility in Bloomfield Township that has been used by 100's of local firefighters, the BTFD has been on the forefront of training and 2017 was no different. Due to the rigors and dangers of fire and EMS service, training is perhaps the most important component in the ability to provide safe, efficient and effective services to the customers and residents that we serve.

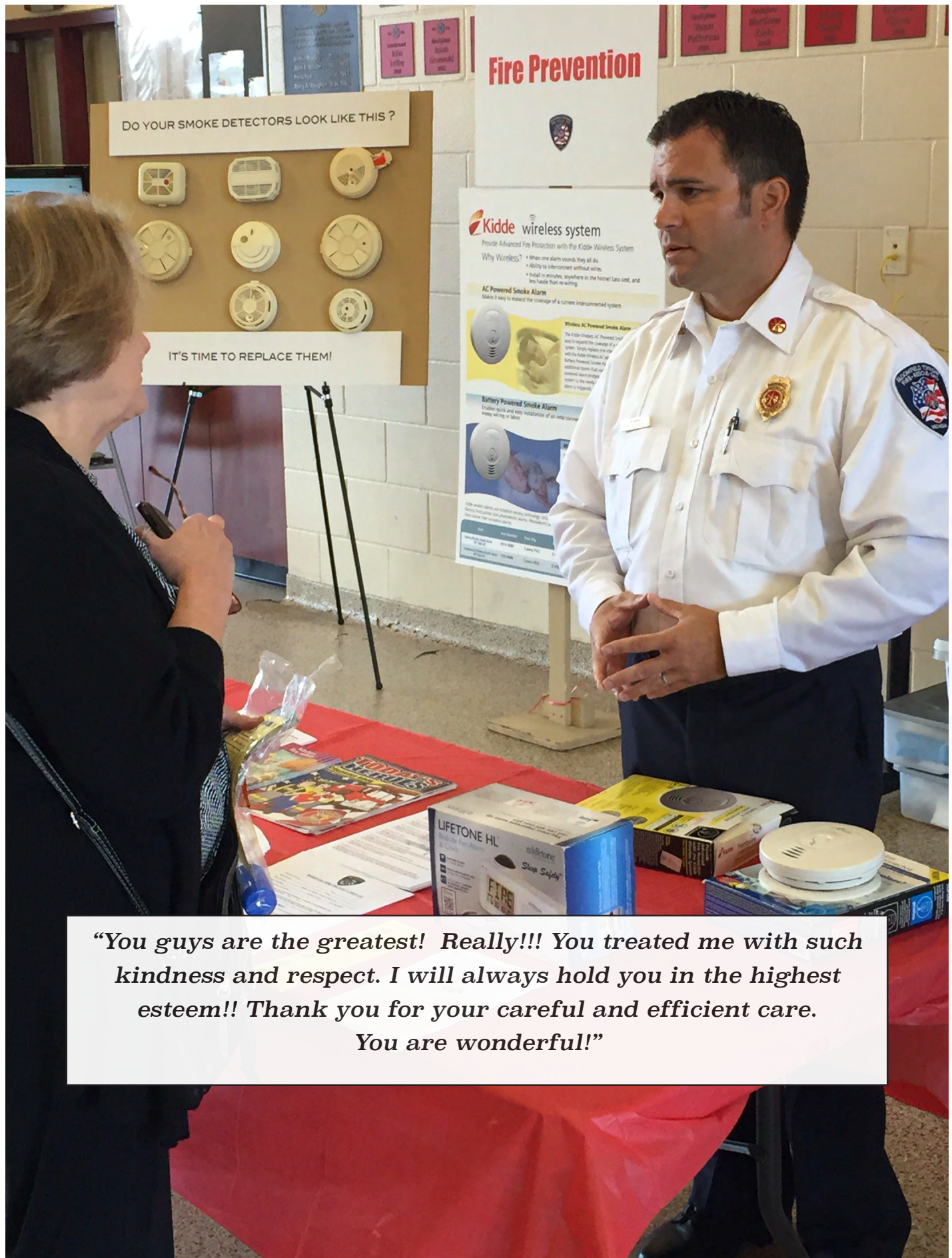
In 2017 the BTFD amassed over 18,000 hours of training for its members. This training was not just in firefighting but several other key components of the fire service such as EMS, Officer Development, New Recruit Training, Customer Service, Technical Rescue, Water Rescue, Hazardous Materials, Michigan Task Force One Urban Search and Rescue and Professional Emergency Management just to name a few. These different areas of training ensure that all personnel have a well-rounded training base to properly service all of the possible needs of Bloomfield Township residents.

This year the BTFD took a step in a different direction with several components of its training relating to current events and social situations. In August the BTFD implemented a joint training with the Bloomfield Township Police Department in order to work together more efficiently during an active shooter threat. The Bloomfield Hills School District provided an elementary school for a week and members of both the Police and Fire Departments trained in real life situations in order to be prepared if these skills were ever needed. September saw the members of the Fire Department working on Safety and Leadership. An instructor that teaches regularly at the National Fire Academy was brought in to provide a 2 day course on Leadership and Safety, with the intent of showing that the decisions that leaders make directly affect the safety of everyone involved in emergencies. Toward the end of the year, the BTFD received training on hazard recognition at emergency scenes. The hazards that were involved, however, were not typical to what is usually seen at an emergency scene by first responders. They involved terrorism, explosives and mobile drug laboratories. Through this innovative training and truly realistic simulated devices, the members of the Bloomfield Township Fire Department are now prepared to recognize and deal with these types of emergency situations.

Moving forward into the new-year, the Bloomfield Township Fire Department will continue to provide innovative, educational and time relevant training not only to our members but firefighters from across Southeast Michigan. One of the motos of the BTFD is "Every day is a training day" and will remain this way into the future.

Respectfully submitted,

John LeRoy
Assistant Fire Chief



“You guys are the greatest! Really!!! You treated me with such kindness and respect. I will always hold you in the highest esteem!! Thank you for your careful and efficient care. You are wonderful!”

FIRE MARSHAL REPORT



Peter Vlahos
Fire Marshal

This past year proved to be a productive, yet challenging for the Bloomfield Township Fire and Life Safety Division (FLSD). As we worked constantly to meet the demands of the quick changing community we were also committed to providing the highest level of customer service to our residents and business owners. This ranged from commercial fire inspections and construction plan reviews to residential home fire inspections, residential smoke alarm installations, and lock box consultations.

The Fire Department participated in the annual Bloomfield Township Public Open House in October which coincided with National Fire Prevention Week (FPW). This year's 2017 FPW campaign theme was titled, "Every Second Counts, Plan Two Ways Out." This message places the emphasis on practicing home fire escape plans and always having two ways out of the home in case one gets blocked. The fire department's open house events included: a live fire show, a live Firefighter skill challenge, a Jr. Firefighter skill challenge station, Sparky the Fire Dog, fire truck train rides, numerous fire safety games for children, and many other exhibits that promoted fire safety in the home.

The Open House provides residents an opportunity to see the services that are available to them in Bloomfield Township.

This year also marked our 12th year for the fire safety and injury prevention school program in the Bloomfield Hills School District. The program is a nine week, 30 minute a week class, which teaches second graders the importance of making safe choices and preventing injuries caused by accidents.

Additional duties of the FLSD include conducting various fire inspections and construction plan reviews. While performing inspections the Fire and Life Safety Division takes the opportunity to educate the community on many different fire safety issues.

The Fire and Life Safety Division is also responsible for the investigation of all structure fires, incendiary fires, and fires resulting in injury and/or death. These investigations are done for the purpose of preventing future fires by identifying common risk factors.

Thank you for your continued support.

Peter G. Vlahos
Fire Marshal
Bloomfield Township



INSPECTIONS & PLAN REVIEWS

Type of Inspection	2017	2016	2015
Annual	675	886	518
Change of Occupancy	28	55	73
Complaints	35	25	52
Final Building	84	108	93
Fire Alarm Acceptance	32	30	46
Fire Suppression Acceptance	24	23	55
Fire Works Site Inspections	2	2	1
Hood Suppression Acceptance	4	5	6
Knox Box Installation	34	53	32
Hazardous Materials	0	0	3
Other	31	45	21
Pre-Construction Inspections	0	2	1
Re-Inspections	645	1137	862
Site Inspections	38	62	41
Special Event Inspections	8	10	4
Total	1640	2445	1808

Plan Reviews	2017	2016	2015
Change of Occupancy	5	13	0
Fire Alarm Plan Review	25	35	37
Fire Suppression Plan Review	1	29	44
Fire Works	1	4	0
Hood System Plan Review	4	3	6
Liquor License	0	0	0
Outdoor Dining	0	0	0
Plan Alteration	96	139	154
New Construction Plan Review	20	28	36
Seasonal Sales	1	1	1
Site Plan Review	78	79	71
Special Event Plan Review	58	65	50
Total	289	396	399



HYDRANT REPORT



John LeRoy
Assistant Fire Chief

The fire hydrant is one of the most important components of successfully putting out a fire. The water that is provided through a fire hydrant extinguishes a fire by cooling it. In order for a fire hydrant and the water system to be ready at a moment's notice, meticulous care of the entire water system must be done throughout the year. While the water system is maintained by the Bloomfield Township Department of Public works, the fire hydrants are maintained by the Bloomfield Township Fire Department Fire Service Technicians (FST's). These technicians are aspiring firefighters that work on a part time basis to ensure all of the over 3,060 fire hydrants are ready to use whenever they are needed.

Over the course of the year, hundreds of man hours are dedicated by the Bloomfield Township FST's to check, operate, paint and trim the fire hydrants located within the Township. In the spring and summer one quarter of all the hydrants are painted. This keeps the fire hydrants looking good and ensures that all of the hydrants are painted once every four years.

Once the painting is complete the fire hydrants are inspected and trimmed to comply with Township ordinances regarding vegetation planting and growth around the hydrant. This allows the fire hydrant to be seen from all directions day and night. As the seasons turn colder the hydrants are checked, operated and any remaining water that is found is pumped from them. This allows the Bloomfield Township Fire Department to ensure that the fire hydrants will not have ice inside them if they are called upon during the winter months. Any issues that are discovered throughout the year are promptly repaired by the Bloomfield Township Water Department. In the last year over 900 hours were dedicated by the Fire Department to maintain the fire hydrants in Bloomfield Township.

Fire hydrants will continue to be a top priority of the Bloomfield Township Fire Department moving into the New Year. The Fire Department would like to respectfully ask that residents comply with Bloomfield Township Ordinances in regards to keeping the fire hydrants clear of vegetation and that snow is promptly removed. Moving forward please report any ongoing issues with fire hydrants in the Township to the Bloomfield Township Fire Department.

Respectfully Submitted,

John LeRoy
Assistant Chief

“A few weeks ago I had a medical emergency. My husband called BTFD which we thank for their response. I will be forever grateful for the attentive care and kindness that was given to me. We are so blessed and feel assured to live in a community knowing if help is needed it’s there for us, and it’s the best!”

-Township Resident



EMERGENCY MEDICAL SERVICES REPORT



Chris Whitehead
Operations Officer

Bloomfield Township Fire Department responded to its highest call volume ever in 2017. Along with the added calls for service, they managed to keep their skills honed through many hours of Emergency Medical training and instruction on various techniques and new innovations throughout the year.

Due to the events happening in modern society, one of the most beneficial trainings conducted was between the Bloomfield Township Police Department and the Fire Department. All of our personnel were trained to work with police officers in the high intensity, extremely stressful environment of an active shooter. The training was conducted over a three day period and shared specialized training unique to both law enforcement and paramedic/firefighters. This combined training serves as a commitment to the safety of our community.

Bloomfield Township collaborated with Oakway, St. Joseph Mercy Hospital and Physio Control to provide advanced training to Oakland County Paramedics in the recognition and early definitive care of cardiac patients treated in the field. With specialized training like this, we were able to help three individuals that suffered sudden cardiac arrest in Bloomfield Township. These individuals were able to walk out of the hospital and return to their families with some modifications to their lives.

Oakland County Medical Control Authority (OCMCA), St. Joseph Hospital, Beaumont Royal Oak Hospital and BTFD have partnered in a stroke study that will lead to identification of certain strokes in the pre-hospital setting. The study seeks to prove that paramedics in the field can properly diagnose certain types of strokes and combined with early notification to the hospital can greatly improve survivability and minimize long term deficits. BTFD has undergone training for three months in anticipation of the study, which began January 1, 2018. The study is being watched nationwide and has the potential to improve and save many victims of stroke.

In December of this year we welcomed the newest of BTFD's EMS Coordinators. Captain Matt DeRousse brings many years of experience and enthusiasm to continue progress in the Bloomfield Township's EMS Division.

Respectfully submitted,

Chris Whitehead
Operations Officer



BLOOMFIELD VILLAGE FIRE CHIEF REPORT

The residents of Bloomfield Village are in a unique situation as they are protected by a career & volunteer fire department, Bloomfield Village Fire Department (BVFD), and Bloomfield Township Fire Department (BTFD). BVFD assisted BTFD on all fire calls in the village last year.



*Geoff Hockman
Village Fire Chief*

Our volunteer firefighters live in the village, are required to pass the state exam for firefighter I & II, must be available to respond as dispatched by Bloomfield Township, and participate in training throughout the year. In addition to the 14 volunteers, we have a full time Deputy Fire Chief on the department who oversees the day to day operations of the village fire station.

The Bloomfield Village Fire Department budget is supported by a special assessment district millage. These monies are billed by Bloomfield Township in the winter tax statement to all properties in Bloomfield Village. These funds are tax deductible. There are 991 parcels of land in the village.



*Ted Gauthier
Deputy Fire Chief*

In 2017, Bloomfield Village Fire Department celebrated its 75th year anniversary with a total of 124 runs for the year. The wind storms in early March accounted for a large number of runs as the saturated ground and high winds caused many trees to topple over, knocking out power to most of the Village. It was after this event that the Village Board approved the installation of a generator for Hackett Hall. BVFD attended live burn training at Oakland Community College's CREST Center in Auburn Hills. Other training included search and rescue, ladders, downed wire safety, pump operations, hose testing and several training sessions at the Bloomfield Townships training complex with members of the BTFD as instructors. BVFD this past year participated in the Celebrate Birmingham Parade, Tilbury Block Party, BVFD Open House, trips to local schools to read to classes, cooking dinner at a local church for the homeless, and the annual delivery of Santa Claus to the Christmas tree lighting at Hackett Hall.

BVFD station houses one fire engine and one four-wheel-drive emergency vehicle. The Bloomfield Village Fire Station is located at 3595 Bradway Boulevard. Some of the notable buildings found within Bloomfield Village are Birmingham Covington School, Detroit Country Day School and the Village Knoll Shopping Center.

Respectfully submitted,

Geoff Hockman
Bloomfield Village Fire Chief

“Thank you for your service to us in time of need. We are lucky to have such a wonderful group of people who care about us. You are a very dedicated group of people with great hearts.”
-Township Resident



EMERGENCY MANAGEMENT DIVISION



Peter Vlahos
Fire Marshal

In 2017, the Bloomfield Township Emergency Management Division continued to serve the residents, businesses and visitors by working to ensure that the emergency response personnel, and the employees of Bloomfield Township, would be prepared to minimize the impact of any natural or man-made disaster incident.

Under the authority of the Michigan Emergency Management Act (Public Act 390 of 1976, as amended), each county is required to appoint an emergency management coordinator. In addition, some Michigan communities have municipal emergency management coordinators. Bloomfield Township is a one of four municipalities in Oakland County that has its own Emergency Management Coordinator.

The Emergency Management Division has been active in training events throughout the year. Some of our training highlights for 2017 included:

- Two fire department employees recently completed the State of Michigan Professional Emergency Manager (PEM) program. Bloomfield Township has four PEM certified personnel that coordinate and manage the Township's emergency management.
- Attendance at the Great Lakes Homeland Security (GLHS) Conference in Grand Rapids, MI. This event is hosted by the Michigan State Police's (MSP) Emergency Management Homeland Security Division (EMHSD). The three day conference filled with seminars and clinics that range in topics from the latest information about known threats or hazards, to what we may be facing in the near future. These sessions were presented by nationally recognized speakers and clinicians.
- Trainings offered by Oakland County and the Michigan State Police.

As we look forward to 2018, Emergency Management continues to be one of the most important services that Bloomfield Township provides to its residents. We have begun to prepare additional planning exercises locally and with other agencies. With the uncertainty of an ever changing world, Bloomfield Township will continue to train and prepare for any potential disaster that may come our way.

Respectfully Submitted,

Peter G. Vlahos
Fire Marshal



HAZMAT REPORT



Brandon Gainer
Firefighter/Paramedic

The Bloomfield Township Fire Department responded to 77 hazardous materials calls in 2017. Our regular firefighting crews handled most of these calls. (These calls were mostly made up of carbon monoxide incidents, natural gas leaks, and small fuel spills). All of our firefighters are trained to the operations level to allow them to recognize a hazard and handle a call defensively. However, some of these calls required a more technical response. The Bloomfield Township Fire Department Hazardous Materials (Hazmat) Team brings a level of expertise needed to mitigate these incidents.

All of our HazMat team members are trained to the technician level and have many hours of specialized training above and beyond our other firefighters. Bloomfield Township currently has 13 members that make up our HazMat team. The team utilizes special equipment that is carried on our frontline engines, ladder trucks, and Special Operation and Rescue (SOAR) Truck. These HazMat technicians bring experience, advanced training, and technical knowledge to these difficult incidents. Our Bloomfield Township team members also train with and are a part of the OAKWAY South Hazardous Materials Team.

The OAKWAY Team is composed of technicians from seven other departments as well as communal equipment. This equipment is more specialized and used on larger or more complicated incidents. The equipment is located within two special hazardous materials trucks at neighboring fire departments. These departments maintain the equipment and are staffed with their HazMat team members. All of our BTFD HazMat technicians train regularly with the equipment in-house as well as quarterly trainings with the other OAKWAY teams. There is also a yearly, large-scale practical scenario, training that takes place with all members. This year members participated in a large scale railcar scenario at the CN rail yard in Pontiac.

Bloomfield Township Fire Department has multiple members on each shift that provide HAZMAT expertise 24 hours a day 365 days a year. The team will remain vigilant through training and response to ensure the safety of Bloomfield Township and its citizens.

Respectfully Submitted,

Brandon Gainer
Firefighter/Paramedic/Hazmat Team Coordinator



TECHNICAL RESCUE REPORT



Matthew Overby
Lieutenant Paramedic

Every member of the Department has some technical rescue training, a select group have more advanced training and are members of the Department's Technical Rescue Team (TRT). Some of the advanced training includes; Structural Collapse, Trench Rescue, Confined Space Rescue, Rope Rescue, Machinery Rescue, Advanced vehicle extrication techniques, Swift Water Rescue, and Submerged Vehicle Rescue. Currently, there are 10 members.

These type of low frequency, high risk, manpower intensive operations can rapidly deplete resources in most communities. Bloomfield Township is a member of the OAKWAY Technical Rescue Team. OAKWAY communities train quarterly and assist each other in technical rescue incidents which helps reduce overall costs associated with providing technical rescue services.

Michigan Task Force One (MI-TF1) is an organization that provides regional technical rescue services. The intent of MI-TF1 is to provide rescue personnel, equipment, and to assist with incident mitigation and management during large scale disasters that have overwhelmed local technical rescue resources. It is comprised of fire service personnel from over 33 Fire Departments from all over southeast and western Michigan. Bloomfield Township currently has 5 personnel that are members.

MI-TF1 deployed out of Michigan twice in 2017. The first was in May and located outside of Gary, Indiana and was a training exercise that lasted for over 40 hours. The exercise involved teams from Indiana, Illinois, Iowa, Israel, and the National Guard. The exercise involved the demolition of a movie theater and motel to simulate destruction from a large tornado. Three members from Bloomfield Township deployed to Indiana.

The second was on September 10th to Florida for Hurricane Irma. 45 personnel and 16 vehicles along with 15 trailers loaded with boats, atv's, generators, and supplies drove over 1200 miles to Jacksonville, FL. MI-TF1 stayed at an acquired office building with other teams from Florida, Tennessee, Louisiana, and the National Guard. The damage to the Jacksonville area was not as severe as anticipated and MI-TF1 was released the day after they arrived. Although no rescues were made, valuable lessons were learned that will ensure MI-TF1 and its members will be ready when called upon in the future.

Respectfully Submitted,

Lt. Matthew Overby



***“I so appreciate your kindness and professionalism! Deepest thanks and sincere gratitude for all you do!”
-Township Resident***

CUSTOMER SERVICE REPORT



Edward Lietz
Lieutenant Paramedic

Our highly trained staff of firefighters and fire officers have years of experience recognizing and fixing problems. The delivery of high quality Customer Service is in our culture at BTFD starting on the rookie firefighter's first day, they learn that we provide Customer Service that is "Second to None" and quickly they adopt this positive attitude. In many cases, we may only interact with a resident once; therefore, we must get it right. Our goal is to make every situation a positive experience, especially when the circumstances are difficult and stressful for the resident.

New in 2017, BTFD introduced a new Car Seat Inspection Program which takes place each month at our Central fire station. We currently have 3 Firefighter/Paramedics trained and certified by Safe Kids Worldwide as CPS Technician's. Each month we help residents with the proper installation and inspection of car seats in their personal vehicle. All residents are encouraged to take advantage of this new service by signing up online at <https://Signup.com/group/986451908068>.

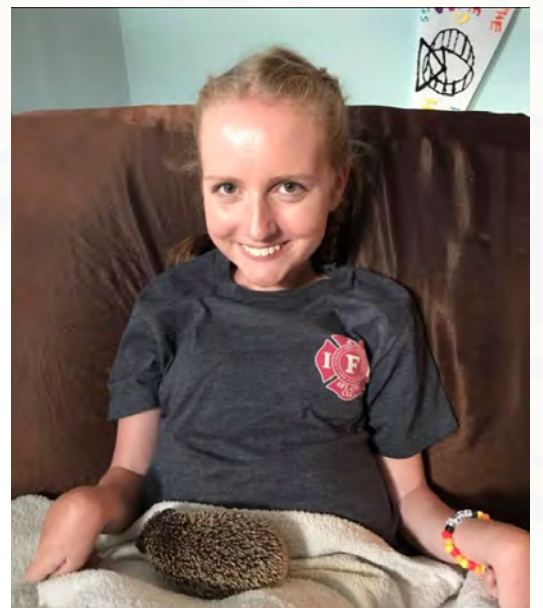
This past October we teamed up with Bloomfield Township Senior services for the 2nd year in a row and participated in the Health Fair held at the Bloomfield Township Senior Center. This allowed us to talk with many residents and share information on services that we provide. Some hot topic items discussed were bed shaker smoke detectors for individuals who are hearing impaired, residential key safes that can be secured to your home and allow Bloomfield Township Fire Department personnel safe and secure access to your home if you have an emergency and cannot get to the door. This specially keyed box allows the fire department quick access to your house key in the event of an emergency.

Bloomfield Township Firefighters will be out in your community responding to all fire and medical emergencies, traffic accidents, storm damage mitigation, hazardous materials incidents and all rescue situations. We will also be in the community assisting our residents with smoke detector installations, battery replacements, home safety inspections, lift assists and virtually any problem our residents need resolved.

As always please remember, the Bloomfield Township Fire Department is on duty and ready to serve you 24 hours a day, 7 days a week. "When in Doubt, Call Us Out"

Respectfully submitted,

Lt. Edward Lietz



CHARITIES REPORT

The Bloomfield Township Fire Department Charities had another great year in 2017.

In April we took on the Police Department in the 2nd annual Police vs. Fire basketball game/Tug of War contest, helping raise funds for Bloomfield Hills High School. The Fire Department was able to make a monumental comeback during the game but came up just short in an overtime thriller. The Police Department also came out on top in the tug of war, with the hefty Police Officers barely nudging out the svelte bodies of the Firefighters.

In early May we headed out to the beautiful Wabeek Country Club for our 31st Annual Charity Golf outing. As usual, the weather was spectacular and all enjoyed a great day of golf and the wonderful steak dinner that Wabeek provides.

In August our members and families enjoyed The Bloomfield Classic Car Show, an event that takes place during the Woodward Dream Cruise. Classic cars, classic food and a beautiful day are the recipe for a great time.

In the fall, several of our Firefighters went to Bloomfield Hills High School to assist with the Student Heart Check Program, put on by Beaumont Hospital. Along with a donation, the firefighters provided their teaching skills, helping students and their parents learn the basics of CPR and the use of Automatic External Defibrillators.

Christmas time brings our charitable friends and families together to purchase and wrap gifts for local children. The Children's Holiday Wish is a great program that we have supported for many years.

With the help of our firefighters, staff, friends and families, BTFD Charities generated more than **\$30,000.00**, in 2017. Thank you to all those involved. Some of the donations made during 2017 include:

- Children's Holiday Wish program
- University of Michigan Trauma Burn Center
- "Dinners with the Firefighters"
- Bloomfield Youth Guidance Scholarship
- Juvenile Diabetes Research Foundation
- Several personal donations to families and individuals in need
- The Bloomfield Optimists Heart of the Hills Run
- MDA
- Student Heart Check

We look forward to another charitable year in 2018.

Respectfully submitted,

Captain Mike Cummings
President, BTFD Charities



Mike Cummings
Captain Paramedic





FREQUENTLY ASKED QUESTIONS

How do I get a copy of a Fire or Medical report?

Call the Fire Department at 248-433-7745, during our regular business hours of 7:00AM-5:30PM Monday thru Thursday, for proper procedures to obtain a report.

Who do I call to learn CPR?

You can call 248-433-7745 and ask for the EMS Coordinator.

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.

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).

Is it legal to burn brush 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.bloomfieldtp.org

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.

“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.

The Bloomfield Township Fire Department would like to recognize and express our gratitude to Lieutenants/Paramedics Kevin Bailey & Leonard Wineski, Firefighters/Paramedics Mike Sova, Ryan Morin, Mike Metz, and Christian Bertucci for their diligence and creativity in helping develop the 2017 Fire Department Annual Report.