



**Fairfield
Township
Fire Department**

Annual Report



2017

From Fire Chief Timothy J. Thomas Sr., OFE OFC

Celebrating 70 years of service to our community, 2017 has been a year of change for the department. We continue to struggle with our staffing levels. The current economic boom has affected our part-time staff. The number of fulltime positions along with the general increase in the agencies that employ part-time staff makes staffing our most important concern.



The department has worked very hard to make some major projects occur this year. We were finally able to finish our vehicle replacement plans and all emergency response units are within our planned service life. We have kept the Crown Victoria for use by the Fire Corps. This vehicle's condition will allow us to wait another year before we look at replacing it. We have pushed back the replacement of Engine 211 until 2019. We are still working on the replacement of Station 212. The limitations of the current station will greatly impact the replacement of the engine. We are working to make sure we address the ability of the reserve truck to fit in both stations. The current reserve engine will fit in both stations. If we replace engine 211 with a new engine it would make the current engine the reserve truck. It will not fit into Station 212. By delaying the purchase as we work on the replacement of the station it is anticipated we will be able to move forward with a replacement in 2019 without any further restrictions on vehicle sizes.



This year we were able to finally make some improvements in the buildings. Station 211 interior was painted and all of the carpet was replaced. We replaced the carpet with carpet squares. We believe this will allow us to repair damage without having to replace an entire room due to a small area of damage. We hope to replace the damaged ceiling tile next year. The only remaining issue is the repair and sealing of the bay floors.

The Service Department has continued their modifications of the landscaping at Station 211. We are working a little at a time to remove the older plantings and replace them to improve the aesthetics of our building.

Our ongoing capitol purchase of turnout gear was continued with 15 new sets being purchased. The project will continue again in 2018.

We are planning to replace our self contained breathing apparatus(SCBA) in 2018. Our current units are two NFPA updates behind and are reaching the end of their service life. We have worked to budget this purchase for 2018.

The department also set a new record for the number of responses in 2017. The department responded to 3,010 calls in 2017. We have continued over the past 5 years to see an annual increase in the number of calls that we answer. As we continue to see these increases it makes our staffing issues even more important.

I want to thank Captain King for his continuing efforts to adjust the schedule. This is a non-stop process which he has continued to manage. We continue our efforts to hire additional part-time staff members. However, to pool of available candidates continues to dwindle.

Each of the officers of the department has worked to make the department successful. It requires a significant amount of effort for the department to function 24 hours a day over the course of the year. Each of the officers has really made the effort to keep us moving forward. The residents can be proud of all of the hard work that goes into the operation of the department.

As you read through the report you will see all of the areas we have responsibility our officers have. They continue to put in a maximum amount of effort to make sure we meet our goals.

The Department accepted delivery of a 2017 Horton Medic unit. This unit replaced the Kodiak unit which was 10 years old. We upgraded the chassis to a F550 in our efforts to improve the ability of the unit to handle the level of use. We have continued to have concerns with the van style 4500 chassis and the ongoing brake issues. By upgrading to a heavier chassis with a higher GVW we are confident the unit will perform better and reduce our down time and maintenance costs.



Chief Thomas cont...

We made changes to our EMS storage to help improve our functionality. Paramedic Howard “Buddy” Jackson has again done a great job of ordering our EMS supplies. 2018 will see the change to participation in a drug bag exchange program. This will free the department from having to maintain a supply of drugs. The new system will eliminate the cost of disposing of medications that are not used and have reached their expiration date. We will not simply exchange bags with the hospital pharmacy rotating the drugs to help eliminate or reduce the need to dispose of the drugs. We will still be paying for the medications but simply eliminating the cost of disposing of unused medications we are hoping to see a minor cost savings. It will also help us to combat the ongoing medication shortages that we face.



The department has again been able to remain financially stable. We maintained control of our expenditures and were able to again maintain a carryover. I credit each member of the department with making an effort when it comes to holding costs down. We continue to research our purchases. We evaluate all costs and make sure that we are spending money wisely.

Members of the department have continued our participation with various County Response Teams. We have members that serve on virtually every level of operations. We support the Emergency Management Agency with our housing of multiple assets. We have members active with the Butler County Fire Investigation Team. As a Department we continue to enjoy to capabilities of these teams. While we are putting our assets and efforts into various operations, it is a great comfort to know that should the need arise for the Township to use such services they remain available to us. It would be next to impossible for the Department to afford all of the resources that we would need if such County assets did not exist.

We had several members of the Incident Management Team deployed to Florida this year due to hurricane's. Such deployments result in our staff gaining valuable experience. Their experience will greatly enhance the ability of our Department to respond to emergencies and natural disasters that may occur in Fairfield Township. I wish to thank

the Board of Trustees for their continued support of our participation with all of the various County teams and activities.

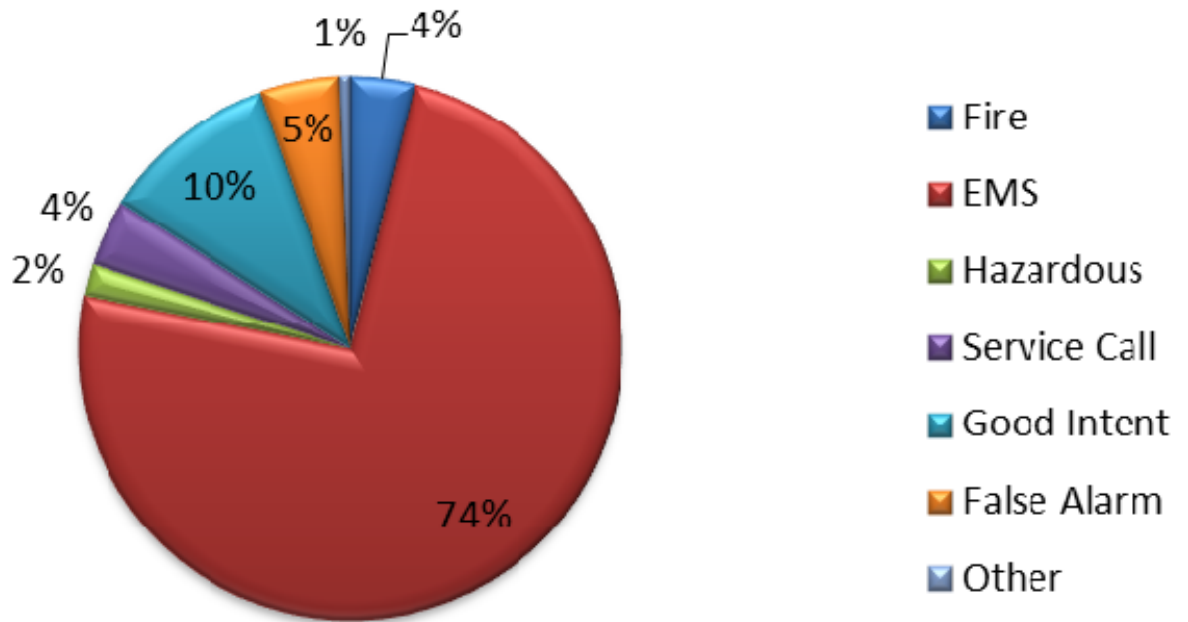
I have been honored that the Township continues to support my involvement in both Butler County Fire Service activities and at the State of Ohio level as well. I continue to serve as a representative of the Southwest Fire District on the Fire and Emergency Services Foundation of the Ohio Fire Chiefs Association. I serve on the Ohio EMS Boards' Fire Training Subcommittee.. Remaining active in both regional and state activities helps assure the Department remains aware of what is happening in the state and how it will impact our local department.



The department continued to work with the Butler County Fair Board to provide for the EMS coverage during the Fair. Off duty members were paid by the Fair Board to provide EMS coverage during the week long Fair. The department provided an ambulance for use during the event. St. Clair Township also assisted with coverage during the Grandstand events during the week. The Fair Board made a donation to St Clair Township to thank them for assisting with the coverage.

The Bariatric Project continues to serve the needs of area departments. The ability of multiple department to work together to find a cost effective solution to a serious problem has been quite successful, completing its' second full year of operation.

2017 Calls By Type



Incidents for 2017

Type	Total
Fire	779
EMS	2231
Total	3010



Mutual Aid 2017

Type	Total
Given	183
Received	70
Total	253



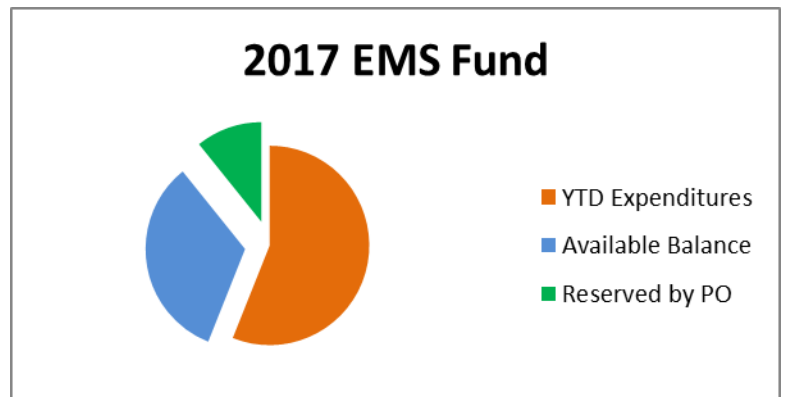
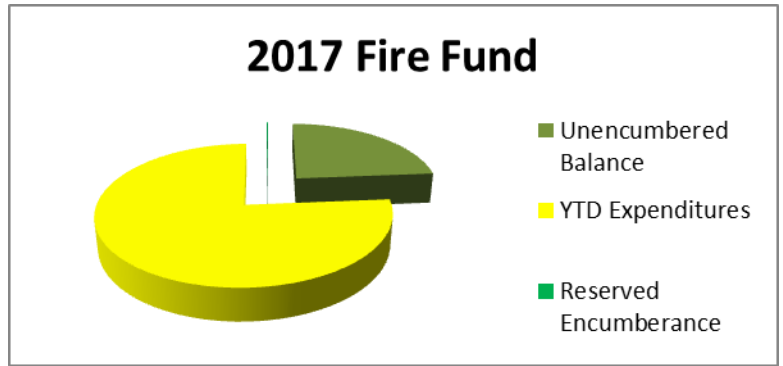
Fire Fund	
Appropriated	\$2,663,100.00
YTD Expenditures	\$2,067,319.59
Unencumbered	609,589.07
Reserved by PO	\$3,635.80



EMS Fund	
Appropriated	\$655,300.00
YTD Expenditures	\$418,200.34
Reserved by PO	\$2,663.77
Unencumbered	\$247,376.80

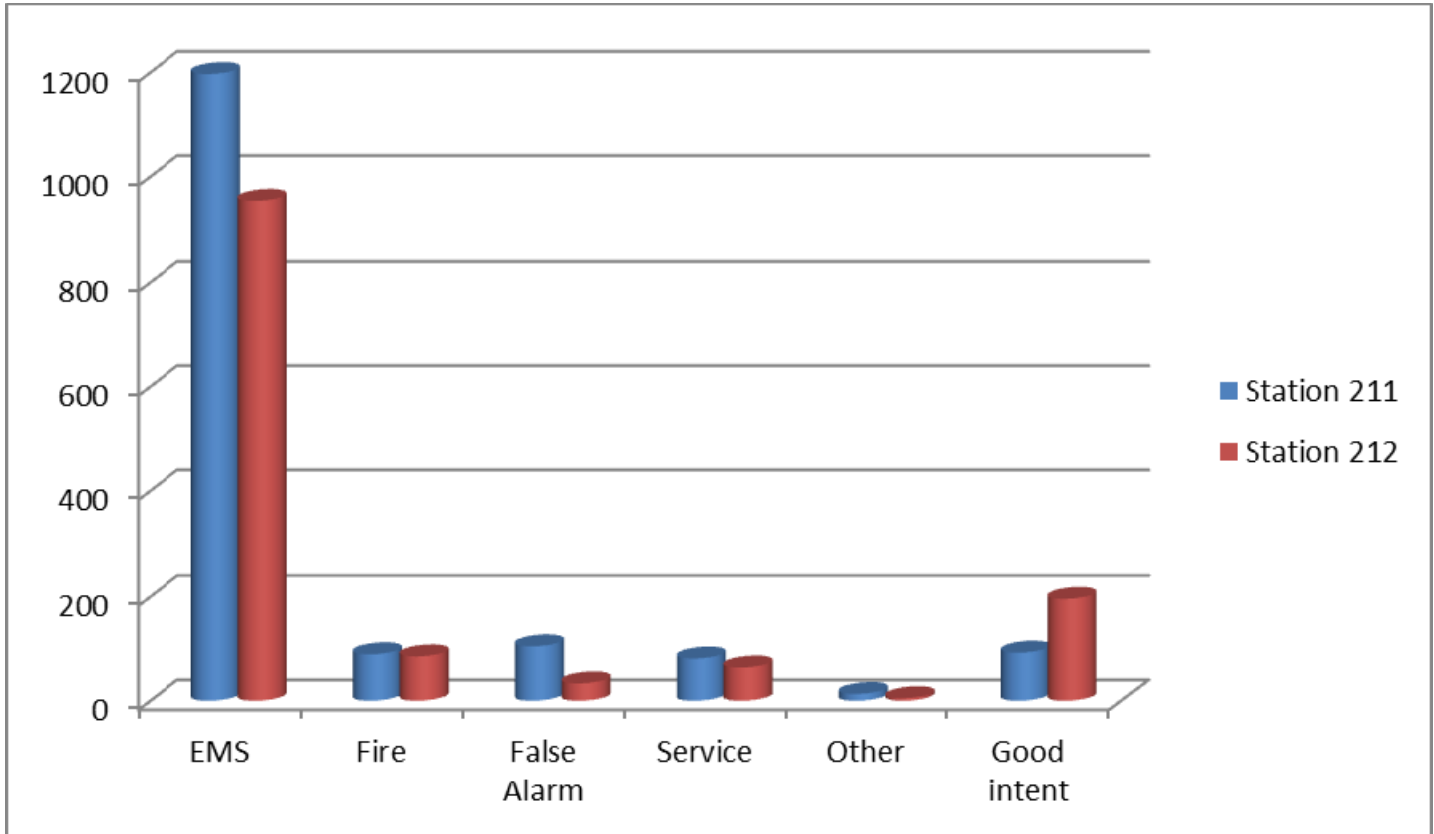


Total Funds Fire/EMS/PS Levy	
Appropriated	\$3,905,900.00
YTD Expenditures	\$2,822,098.54
Reserved by PO	\$6,299.57
Unencumbered	\$1,106,965.87



Public Safety Funds	2017
Appropriated	\$587,500.00
YTD Expenditures	\$336,578.61
Reserved by PO	\$0
Unencumbered	\$250,000.00

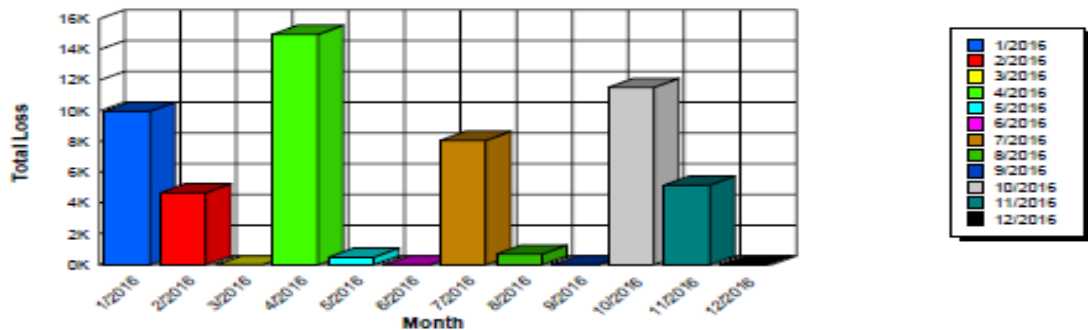
2016 Calls by Station



Total Fire Loss by Month

Date Range: From 1/1/2016 To 12/31/2016

Month	Count of Fires With Loss	Total Loss	Total Value
1/2016	1	\$10,000.00	\$2,500,000.00
2/2016	2	\$4,700.00	\$4,700.00
3/2016	2		
4/2016	5	\$15,000.00	\$77,000.00
5/2016	6	\$500.00	\$500.00
6/2016	6		
7/2016	8	\$8,100.00	\$8,100.00
8/2016	9	\$700.00	\$40,000.00
9/2016	9		
10/2016	12	\$11,550.00	\$38,550.00
11/2016	14	\$5,200.00	\$5,200.00
12/2016	14		



Assistant Chief Matthew Schumann OFE OFC

Every day it is the mission of the fire department to deliver superb all-hazards emergency response to our residents and those that visit Fairfield Township. We accomplish this by continuously evaluating our service and delivery and comparing it with industry best practices.

In 2017, the Fairfield Township Fire Department responded to 3,010 calls for service with an average response time of 5.17 minutes.

We responded to 12 fires in Fairfield Township. The total worth of that property was approximately \$825,501.00. The property and content loss for those 66 fires was \$48,701.00 therefore; \$776,800.00 was saved from our aggressive and progressive firefighting efforts.

In 2017 17 members of the fire department left for a variety of reasons over the course of the year. Many found career positions with other fire departments.

We hired 13 new members in 2017

Our department strives to be interactive within our community. This includes but isn't limited to, doing residential home inspections for foster children, public education to all of our schools and day cares, teach CPR classes, conduct station tours and attend community events.

Our department also conducts building inspections of all of our businesses including schools and nursing homes. We have 427 businesses within our township that we conduct fire inspections on and follow up as necessary to ensure compliance with state and local regulations. This is not a way to find fault but to assist the business in become code compliant.

Along with building inspections we review plans for new and existing construction and conduct pre-fire plans of all of our businesses.



Annually the fire department does hydrant maintenance on over 1,400 fire hydrants. This includes flushing the hydrants, making sure all of the caps are free of debris and in general working order.

We applied for the State of Ohio Training and Equipment Reimbursement grant and received \$4,500.00.

Received EMS Grant for \$4050.00

We continue to utilize Tara's Plan for those that qualify in the community.

Continue with EMA and local law enforcement agencies and developed a mobile APP for response to Active Incidents to include but not limit Active Shooters.

Built a Command Training Center at the EOC for company officer development.

Staff members continue to be active with the Butler County/

State of Ohio Incident Management Team. The team responded to Florida in September to assist with Hurricane Irma.

Our department continues to collaborate and train with surrounding departments such as but not limited to, water rescue training, company operations, active shooter, and high hazard building inspections.

Our staff members continue to be active with the Butler County Fire Investigation Team and assist other departments with cause and origin of fires.

Responded to 182 incidents throughout the year

Obtained my Ohio Fire Chiefs Certification (OFC)

Obtained my Ohio Certified Emergency Manager Certification (OCEM) and International Certified Emergency Manager (CEM)

Completed the Executive Management and Leadership certificate program through the University Of Notre Dame.





A special thanks to Duke Energy for installing two poles for use during our movies in the park program.

A new inflatable screen was purchased and the poles were placed to safely hold the screen in place during use.

Captain John King

STATION 212

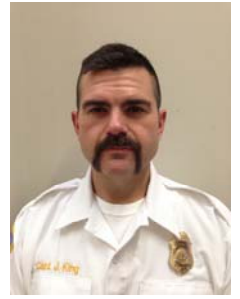
The on duty crews continued to do minor repairs and upgrades to the station to keep the station up and running.

Installed carpet in the dayroom at Station 212.

Replaced 15-year-old refrigerator.

Made a temporary fix for leaking gutters.

The stations utility vehicle was replaced with a new standard cab pick-up.



PERSONNEL UPDATES

Over the past year we have had several of our members accept a full-time job, some have taken leave of absents and are back to work with us or resigned their position with Fairfield Twp FD.



D. Kaiser- Middletown Fire Dept.

J. Williamson- Cincinnati Fire Dept.

J. King- Lexington, Ky Fire Dept.

D. Brown- Wayne Twp Fire Dept.

A. Robinette- Springdale Fire Dept.

C. Miller- Monroe Fire Dept.

S. Wells- Monroe Fire Dept.

As it stands we have 26 twelve hour openings on our current schedule platform.

HYDRANTS

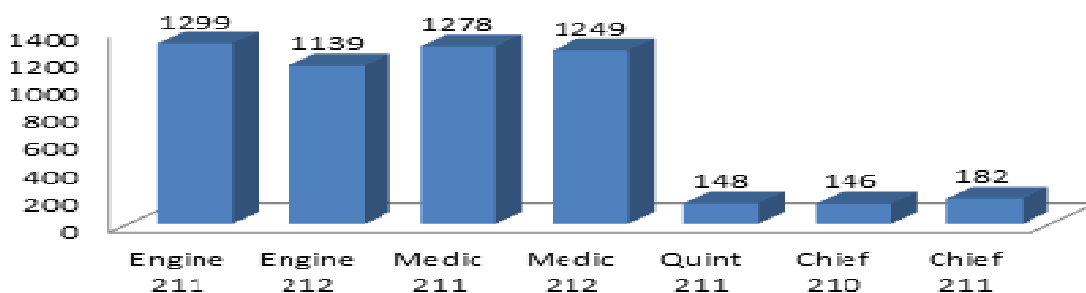
The Township has approx. 1600 fire hydrants that get tested every year starting near the middle of April and last approx. 2 months. Last year we had a very small number that had a defect that needed BCWS attention. Thanks to LT. Sander, this year if we have any OOS service hydrants there will be a yellow plastic ring on the 5 inch steamer cap to make it more visible to show it cannot be used.



HOSE TESTING

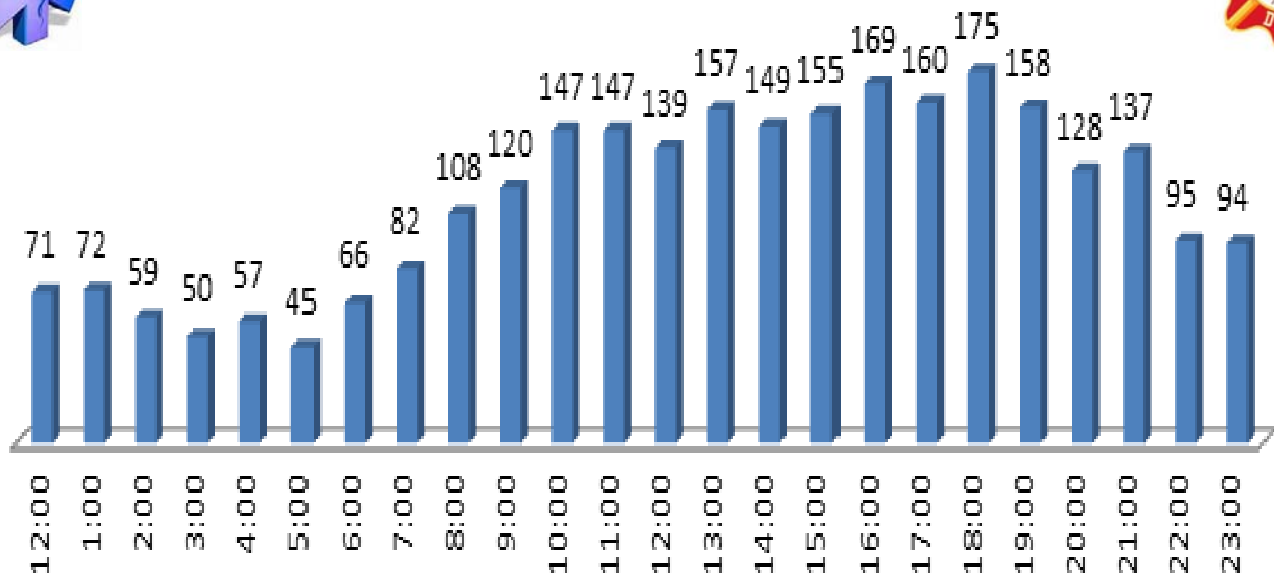
All hose was tested with success and we had only a few sections fail. LT War-go should be producing a report soon.

Apparatus Incident Counts





Calls by Time of Day



Lieutenant Joel Coomer

As a fire lieutenant for station 211 I am responsible for Engine 211, Self-Contained Breathing apparatus (SCBA) and Ordering of station supplies. 2017 has been a good year for my crew and I. We have excelled once again in any and all tasks assigned to us.



Engine 211

I oversee the daily/yearly maintenance of the unit and equipment. Any repairs that need done I will take care of. Any changes to equipment and or moving of equipment will be brought to mine and Captain Berter's attention.



SCBA

I am in charge of maintenance and ordering of SCBA packs and Masks. As our air packs are coming to the end of their service life I will be assisting administration on the purchase of new packs and face pieces for every individual on the dept. These new packs will be a great tool for all firefighters in the department with the most updated packs to date.

Quarter Master

I order all station supplies; from cleaning supplies to bathroom essentials. Jeff Hobbs helps out with being assistant quarter master. Between him and I we do a pretty good job staying on top of things that are low in stock.

In closing, I'm going on 20 years with Fairfield Township Fire Dept. This is an incredible place to work and live. My crew and I are really excited to see what 2018 brings us.



NEVER FORGET OUR FALLEN

BROTHERS AND SISTERS

Captain Ryan Berter

2017 was a very special year as the fire department celebrated its 70th year of service. Our 70th year proved to be our busiest year in the history of our department. I continue to be amazed by the accomplishments of our fine men and women. The members continue to perform all the essential public relations duties all the way making more and more emergency runs.



In 2017 we continued with our plan of rotating gear out of service every 10 years as required by NFPA 1851. We purchased 15 new sets of turnout gear which allows us to remove 15 sets of gear from service. In addition to our continual procurement of gear came a significant step towards reducing our members' exposure to the products of combustion known to cause cancer, Gross Fire Decon. Each front line engine company is now equipped to decontaminate any member that is exposed to carcinogens as a result of fires. We will continue to strive towards reducing the exposure to carcinogens as more information is learned each and every day.



After 17 years of daily use station 211 received some much needed updating. There were two projects that were completed early in 2017, new carpet throughout as well as a fresh paint job.

Fairfield Township continues to work with the Butler County EMA to provide support with county wide response. One of these areas that we participate is maintaining and operating Task 2 which is a 52' Semi Truck that carries a large supply of Hazardous Materials supplies. This truck requires our members to operate the vehicle as well as maintain the items stored inside including the annual testing of 20 Level A Hazardous Materials Suits. Task 2 makes numerous responses throughout the year which requires our members to respond and operate in conjunction with other agencies within Butler County.

We look forward to 2018 and the challenges that will no doubt come along with it. We look forward to continuing our effort to build the relationships throughout our community that allow us to provide the best possible services to the citizens and visitors of Fairfield Township.



Lieutenant Chris Robinson

2017 was another busy and productive year. As service requests continue to increase, more demand is placed on the crews. This, coupled with members advancing their careers in the form of career employment at other Departments, has left our numbers decreased. This equates to doing more with less. This situation has occurred with my crew. While I am pleased to report Rob Embry was able to secure full time employment with Ross Township, it does come with Rob not working as many hours here. Employees such as Rob are becoming harder to replace, as the experienced Firefighter/Medics are not in abundance.



From the communications stand point, there have been some adjustments being made to the system we use by BRICS. This includes the use of the Locution system, which was placed in service at the end of 2017. This automated dispatch aids in the transmission of emergency requests for service by removing the human element involved in the actual dispatch function. After certain information is entered by a dispatcher, this system takes over to transmit the call. With this addition, call information and dispatch is uniform and does not require a dispatcher to stay with an incident, speeding the process up.

Radio equipment is beginning to age, and with that, Motorola has discontinued the current line of radios we use. The replacement series is already approximately half way through its life cycle. While replacement parts are still available for our current radios, there is a finite amount available as Motorola no longer manufactures the XTS line.

There is some light left in this tunnel as another company has a new model radio that is billed as being capable to support our needs in the future. At the time of this report, our department is slated to receive a demo radio for testing in 2018.

In 2017, Station 212 received its first brand new service vehicle! I was again asked to install the emergency equipment in the vehicle, which included a console that housed the emergency lighting, siren controls, and a portable radio and charger. This was conducted in house to reduce the time the vehicle had to remain unavailable. I feel the installation went well and the end result is another well thought and well executed plan. Many have stated how well both service pick-up trucks turned out.



Lieutenant Shane Owens

ASSIGNED PERSONNEL

Assisted new hires on completing skills packet and currently working with other personnel on obtaining engine/driver's certifications.

Filled request from personnel on uniform and fire gear replacement.

Completed annual fire gear inspections, all completed inspection results sent to Capt. Berter.

Annual employee evaluations completed.



STATION 212 VEHICLES

Completed minor preventive maintenance and submitted repair request when required on E-212 and M-212 units.

Monitored all required completed daily check forms for vehicles and equipment.

STATION 212 BUILDING MAINTENANCE

Made minor in house repairs as needed, replaced washer discharge pipe at no cost to department.

Submitted request forms for other needed items and equipment to Capt. King via email.

STATION 212 SMALL ENGINES

Scheduled Finley Fire Equipment to complete annual preventive maintenance on all hydraulic power units and hydraulic hoses.

Had Fairfield Power Equipment perform maintenance and repair work on K-12 target saw and chain saw. Multiple repairs made on these items.

Continuous preventive maintenance performed on all other small engines as needed.

Trash pump replaced.

PPV fan replaced on E-212.



FIRE INSPECTIONS

Assisted with company inspections.

ANNUAL FIRE HYDRANT MAINTENANCE

Maintenance and flushing of all assigned hydrants completed on my unit day, all testing results sent to Lt. Sander.

ANNUAL DEPARTMENT FIRE HOSE TESTING

Completed testing process on all assigned fire hose, all testing results sent to Lt. Wargo.

Lieutenant Owens cont...

DEPARTMENT TRAININGS

Completed on-duty table top shift training with crews in addition with daily scheduled trainings.



TRAINING CERTIFICATIONS

Completed assigned training courses on Cleveland State University.

MONTHLY OFFICER MEETINGS

Attended officer's meetings schedule permitting.

2018 GOALS AND PROJECTS

FUTURE REPLACEMENT OF CURRENT EQUIPMENT AT STATION 212

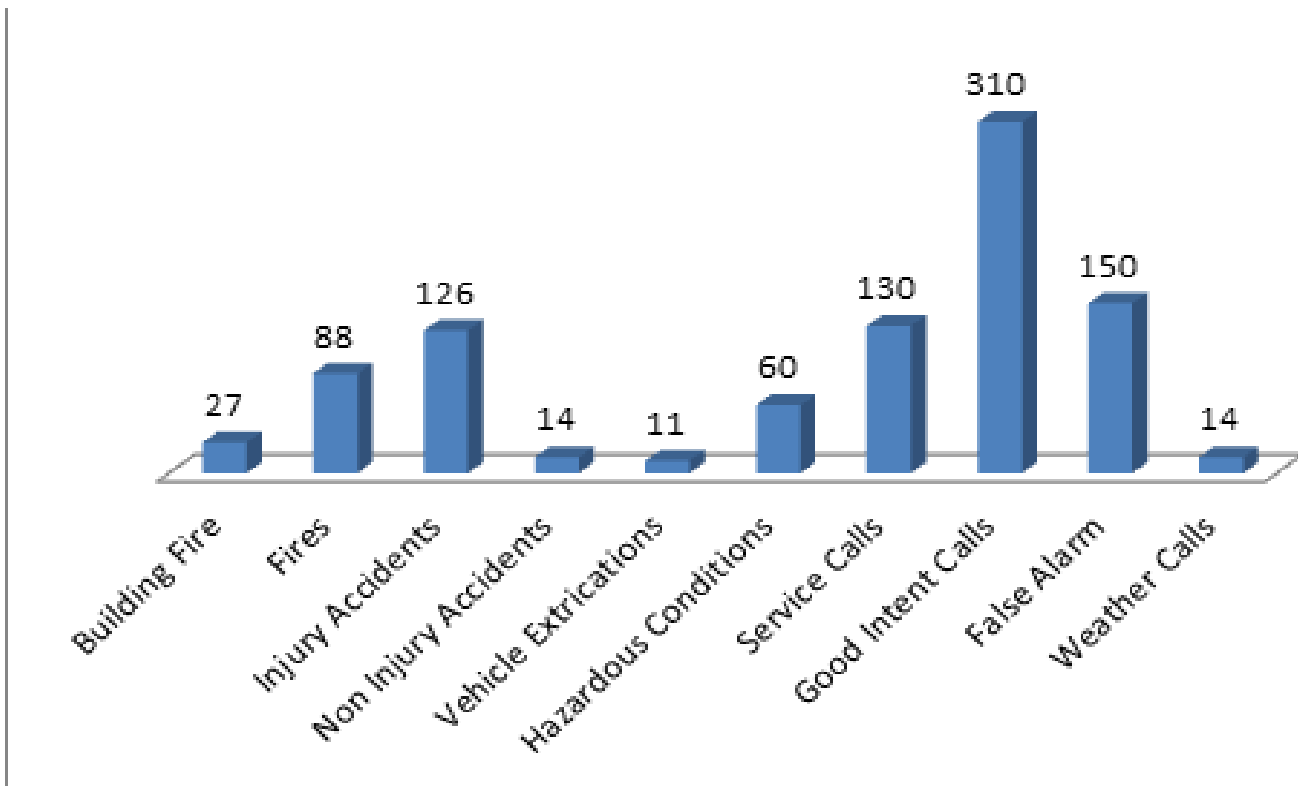
Station computers need to be replaced.

Still need to consider replacing air compressor with larger unit with larger inflation capacity.

Our current air compressor is old and cannot inflate tires on engine.

Replacement of fire station and air packs.

Fire Incidents by Type



Lieutenant Chris Sander

This year I saw a lot of growth in our department. Last year I mentioned the addition of many new members to the department. As this year progressed I was able to watch those new members grow and blossom into confident men and women who are now an important part of our success here at Fairfield Township. We continue to grow on a daily basis and I look forward to growing with the department as we embark on a new and exciting year.



Hydrant Maintenance

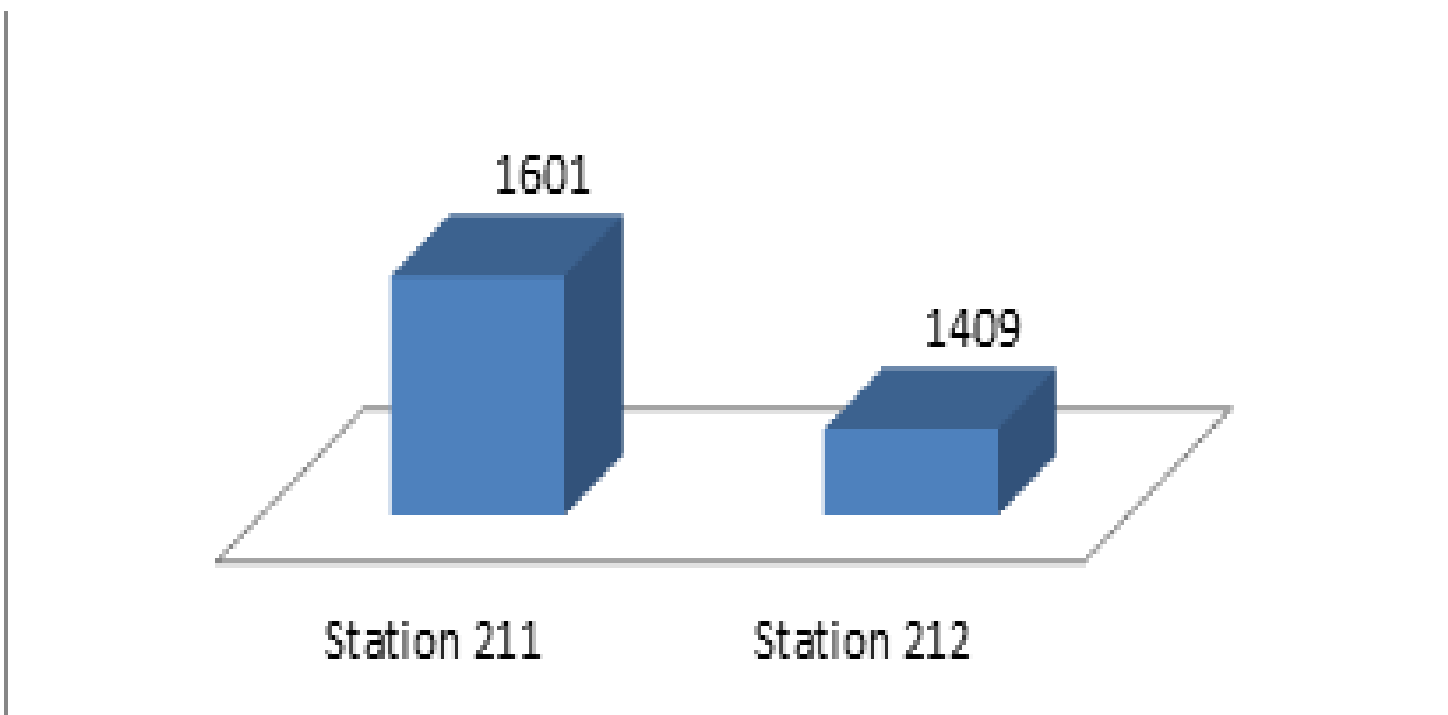
Hydrant maintenance continues to improve from year to year. Again, no water mains were broken this year which I attribute to all members doing a quality job when checking their assigned hydrants. Thanks to the help



of the Butler County GIS/IT Specialist we were able to obtain new maps with more accurate location tracking via GPS. This made my job of dispersing and tracking hydrants much easier and efficient. Last year I mentioned implementing a system for marking O.O.S. hydrants via 'O.O.S. rings.' These rings have been purchased and I am in the process of rolling them out in the next few weeks.

I look forward to the year ahead and what it will bring for the Fairfield Township Fire department and the community. As always it is a pleasure to work along side such a great group of men and women.

Incidents by Station



Captain Bryon Baumann

2017 has proven to be a great year at Fairfield Township Fire Department. We have seen many new faces to the department as well as watched some move on to bigger and better things in their life. I would like to thank those who have moved on for their years of service to the department and to the community.

As a Part of the Butler County Emergency Management Agency Incident Management Team we were deployed to Florida for Hurricane Irma. Once we arrived at the State of Florida Emergency Operations Center in Tallahassee the team was split into two smaller teams, half of the team was assigned to southern Florida to manage a County Emergency Operations Center and the other half was imbedded in the State EOC. My position was the Logistics Section Chief for our half of the team that was assigned to the State EOC. My job was to assist the States Logistic Section Chief with building basecamps in the southern sections of Florida as well as manage a smaller basecamp/transient camp in Tallahassee.



Responsibilities:

- Organizing and teaching daily trainings
- Manage outside training request
- New Hires (Hiring process and orientation training)
- EMS council meetings
- WCH trauma meetings
- Mercy FF roundtable meetings
- Command staff
- Overseeing 70 plus members and making sure they have the training hours to maintain their certifications

I have taken several outside trainings this year to better myself and the department

- Paramedic Refresher
- ACLS
- Stop the Bleed Train the Trainor
- Advanced 12 Lead
- Cancer research and its impact on the fire service
- In Honor of the Charleston 9
- Command and tactics of the fireground and RIT operations



2017 the department completed a total of 287 trainings with 2,455 participants for a total number of 4,012 hours of training. We teamed up with Butler Tech High School and completed multiple trainings together ranging from extrication, ladders, and hose movement. Butler Tech students spent observer time in the firehouse to observe the daily routine of FTFD. The Ohio Fire Academy brought down the Search and Rescue lab which allowed our members to do joint search and rescue training with neighboring departments. The State of Ohio DNR taught

3 days of swift water awareness training as well as boat maneuverability training on the Great Miami River. FTFD offered several other trainings such as ACLS, PALS and CPR. Our Medical Director Dr Calhoun and his colleagues presented several specialized EMS trainings (surgical Crics, Protocol updates, pharmacology)

throughout the year. Jennifer Mason with Kettering Health Care also presented specialized EMS training quarterly. MedFlight as well as AirCare present landing zone safety and review of their helicopters.



This year the department has completed the following trainings:

- Swift water rescue – in the pool and on the river
- Ice Rescue
- Ropes/knots/RPM systems
- Mayday
- Air bags
- Foam operations
- Ohio Fire Academy’s Search and Rescue Lab
- State of Ohio DNR swift water awareness and Boat Maneuverability
- RDC with the motor – on the river
- Movable control Points
- Firefighter self-rescue
- Building Tours –Fairfield North Elementary, Butler Tech, Thyssen Krup
- Building Construction
- Ladders
- Driving Proficiencies
- Ventilation

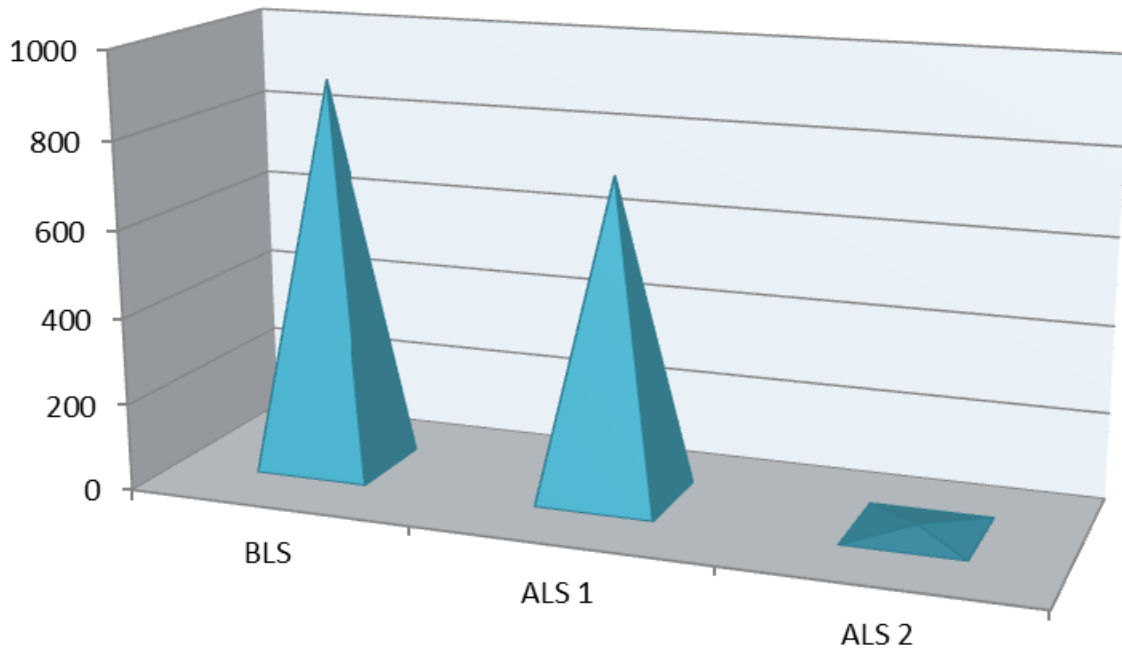


- Hose Movement
- SCBA Endurance Drill
- Chimney Fires
- Pump Operations (using the City of Fairfield’s Pump Simulator)
- EMS Protocol
- Burn Injuries
- Radio Communications
- CO Emergencies
- Cardiac Arrest

- Trauma
- Drownings
- CPAP
- Water Emergencies
- Stop the Bleed
- Surgical Crics
- Pediatrics
- Geriatrics

In 2018 we hope to bring in more outside speakers as well as host and attend more joint trainings with neighboring departments.

Patient Care Level



BLS = Basic EMT Level Care ALS and ALS 2= Advanced Paramedic Level Care

2017 Patients Monthly Billing and Revenue Report

Title	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017
Charges	\$108,776.00	\$95,897.80	\$118,553.20	\$128,936.40	\$93,537.60	\$129,542.60
Revenues	\$108,776.01	\$44,909.21	\$45,807.41	\$41,242.45	\$56,077.84	\$46,195.74
Adjustments	\$108,776.02	\$55,172.31	\$54,531.32	\$52,015.26	\$65,632.25	\$51,984.51
Write-offs	\$108,776.03	\$8,024.03	\$11,961.00	\$4,835.63	\$4,907.17	\$897.89

Title	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017
Charges	\$107,672.20	\$93,605.60	\$101,145.40	\$87,639.80	\$87,170.00	\$46,629.60
Revenues	\$53,295.66	\$45,793.63	\$35,282.00	\$40,215.16	\$39,188.47	\$39,341.55
Adjustments	\$67,175.51	\$64,987.65	\$43,429.03	\$47,850.75	\$37,937.19	\$44,446.60
Write-offs	\$50,218.64	\$29,130.97	\$47,243.44	\$13,843.49	\$15,112.87	\$5,213.51



Over the past 12 months, 12 hours of direct medical director-led continuing education were performed in station. This included topics such as:

- Airway management
- Protocol transition, familiarization, and updates
- Pediatrics
- Perinatal and OB care

This was complimented by an additional 24 hours of office time and impromptu education, during which time the medical director was able to perform ride-along activities on several occasions facilitating invaluable crew field observation.

Through the UC Division of EMS, we concluded the second half of a 40-hour paramedic refresher course, which was started in 2016. This course included additional medical director-led lectures as well as several simulation sessions using high-fidelity patient simulators.

In the month of December we conducted emergency cricothyrotomy training and transitioned the Department from the Quick-trach device to a surgical cricothyrotomy technique, which will both increase paramedic capabilities as well as increase financial efficiency.

Looking forward to 2018, educational hours and office time will remain unchanged. We will continue to cover fundamental EMS topics as well as focusing on areas for improvement identified through the CQI process. We will transition away from an annual 40-hour paramedic refresher course in favor of conducting this course in even years and an alternative educational offering in odd years, including such things as PHTLS, advanced airway training, ACLS, etc.

Throughout 2018 we will continue to work to further organize our CQI process.

As always, the medical direction team will remain available for any and all Fire Department EMS needs.

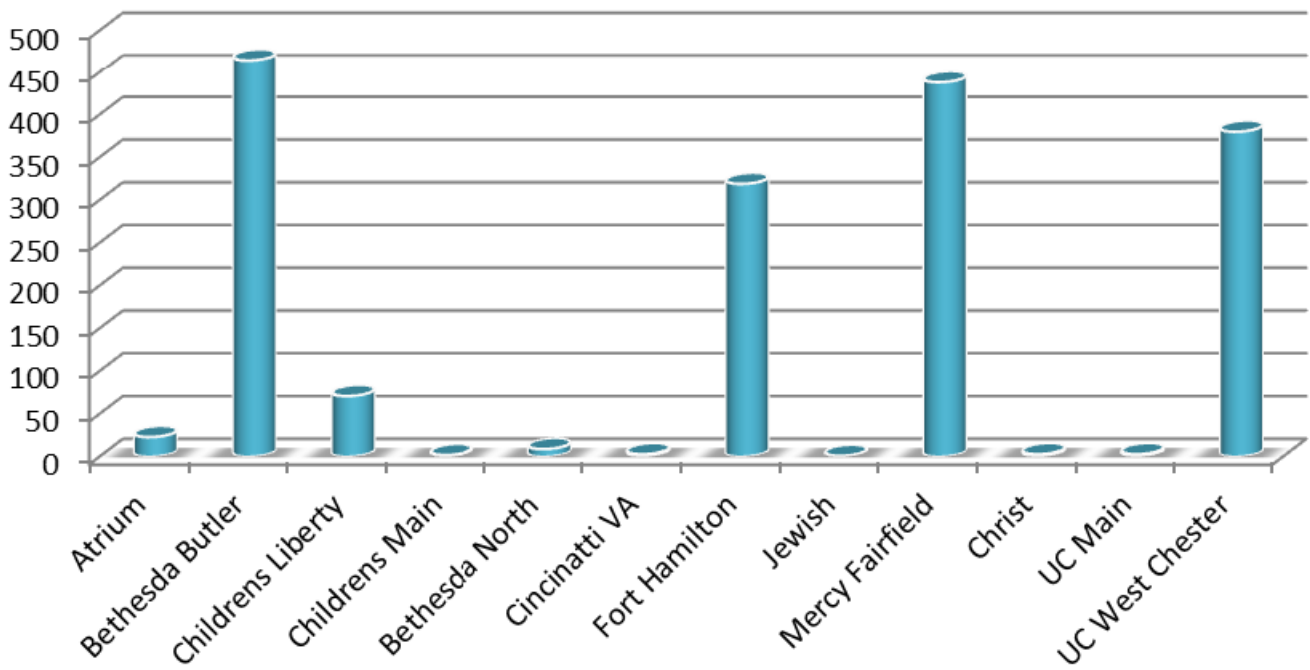


Dr. Dustin Calhoun, Medical Director

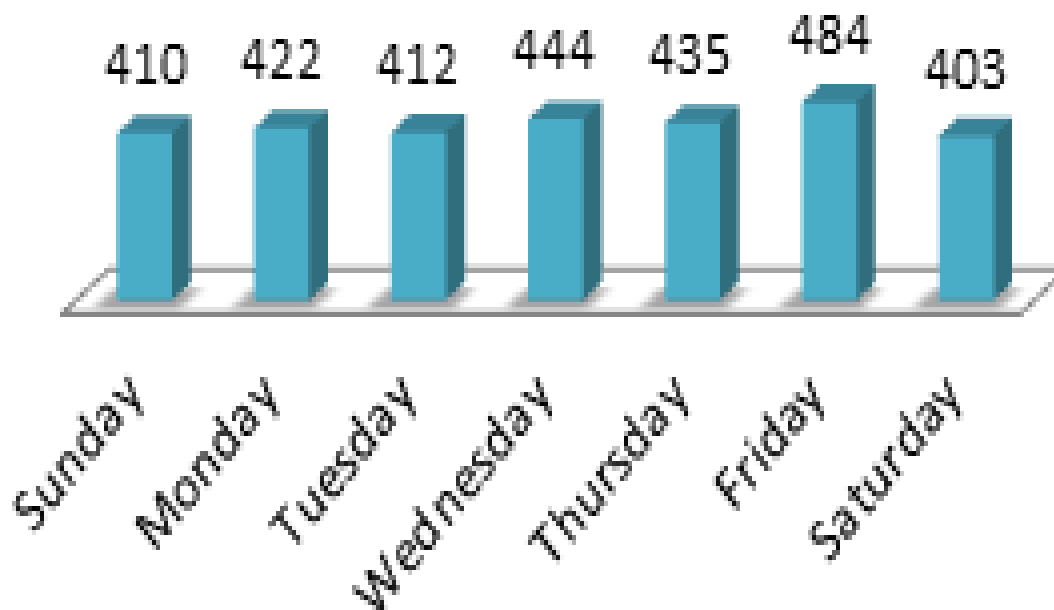
A handwritten signature in black ink that reads "Dustin J. Calhoun".

Dustin J. Calhoun, MD
Medical Director
Fairfield Township Fire Department

2016 Facility Transported To

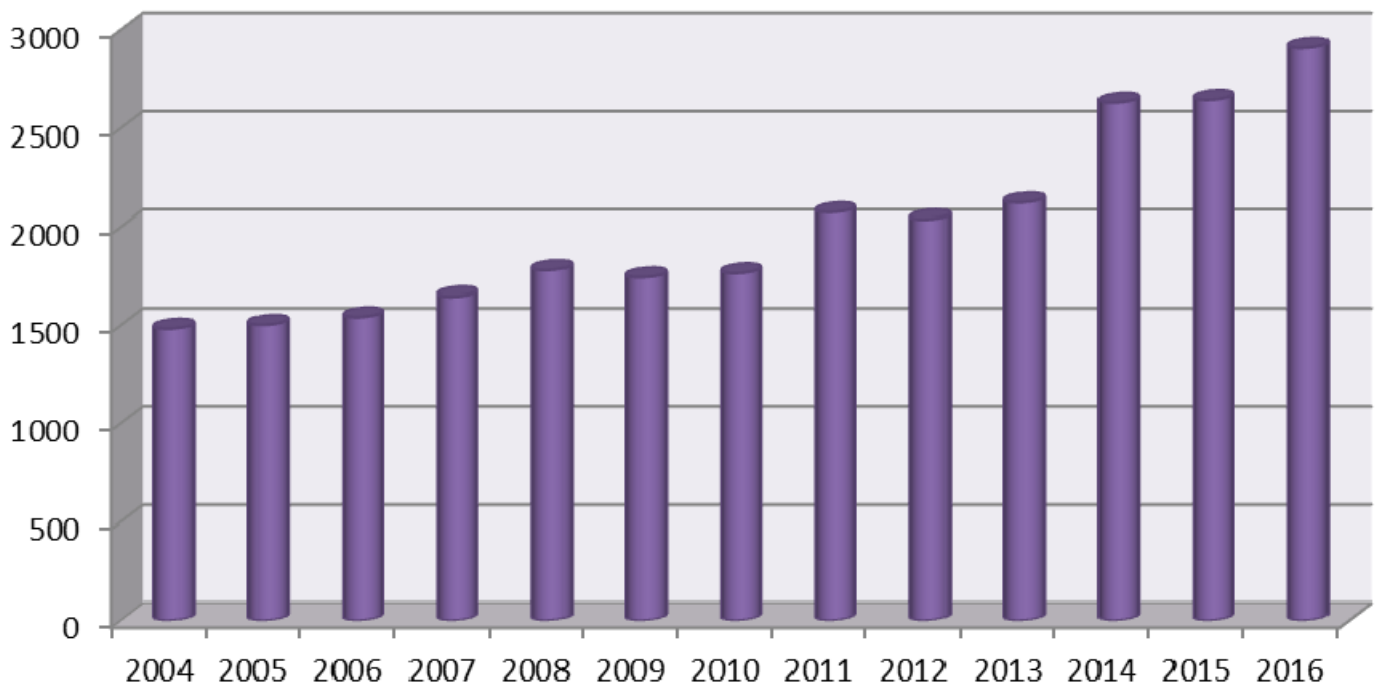


Incident counts by day of the week



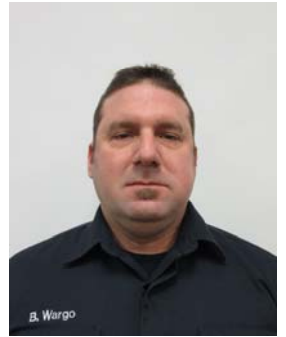


2004 - 2016 Annual Calls



Lieutenant Brad Wargo

2017 closes out with hose testing being completed with no issues, it was a year of a lot of adjustments and a lot of personnel moving on to bigger things. The department strives for great improvements for 2018, looking forward to being part of the process and hoping for the best outcome on that front.



Lieutenant Chris Meador

2017 was a very exciting and busy year for FTFD. From the bittersweet goodbyes as many colleagues move on to career positions with agencies across the region. We witnessed a great display of brotherhood when one of our own was involved in a serious accident. In addition we had moments that really made FTFD stand within the state and across the country as we followed the amazing work of the Butler County all hazard IMT deploy to the storm relief in Florida. Three of our members were a part of this elite team and couldn't have made us more proud.



Personal advancement: In March I began Bowling Green University's rescue technician program. An extensive 6 month program designed to provide firefighters with the skills needed to perform technical rescue or recovery operations. After completion of all six modules I joined the Butler County Technical Rescue team (BCTR). BCTR is a county wide resource managed under the Butler county EMA.

- *Rope rescue technician.
- *Water rescue.
- *Confined space technician.
- *Advanced auto and machinery rescue.
- *Trench collapse rescue and recovery.
- *Building collapse.



Additional training completed throughout 2017:

- *Completed Blue Card command training.
- *ACLS provider refresher.
- *PIO G290/291

Shift /Crew: September 1, 2017 I moved to shift 1A. The crew has proven to work extremely well together making my new role much easier. I am pleased to have several talents within my company which form an effective team. Some of the specialties include CPR instructors, Fire inspectors, Fire investigators, Rescue Technicians, Swift water rescue technicians, Ice rescue instructor, Hazardous materials technicians, SCBA C.A.R.E. Technician.

Shift Accomplishments:

- *Completed all assigned fire safety inspections.
- *All assigned hose testing was completed and documented.
- *All assigned hydrants tested and documented for any needed repairs.
- *All fire gear inspected and needed repairs made.

Personal Assignments and goals:

Vehicle and SCBA maintenance are both going well and continue to improve.

Personal professional goals I have laid out for the short term include

- *Fire Officer 2
- *Fire Officer 3
- *Fire investigator
- *Begin B.S. in fire service administration program





Butler County Fire Investigation Team

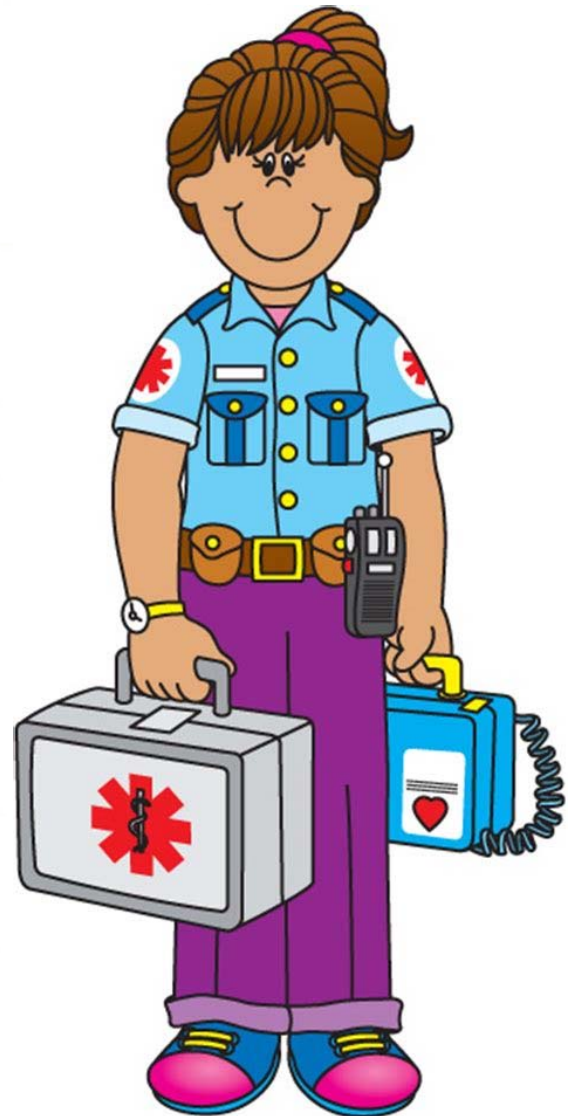
Members of the department continue to serve on the Butler County Fire Investigation Team. During the year our members participated in a number of fire investigations not only in the township but also in other communities. The department benefits from this process because one of the difficulties in being a good investigator is gaining experience. Since the Township only has a limited number of investigations and our investigators would only get to investigate fires which occur during the duty shift, they would have a very limited opportunity to gain experience.

Trip Count by Nature of Call

Trip Date IS BETWEEN 01/01/2017 AND 12/31/2017

Fairfield Township Fire Department

	ALS	Total
Abdominal Pain	87	87
Allergic Reaction	16	16
Amputation	1	1
Assault/Rape	18	18
Back Pain	23	23
Bite/Stings	5	5
Breathing Problems	220	220
Burn(s)	1	1
Cardiac/Resp Arrest	29	29
Chest Pain	185	185
Choking	7	7
Convulsions/Seizures	56	56
Diabetic Problems	38	38
Drowning	1	1
Eye Problems/Injuries	3	3
Fall(s)	314	314
Headache	16	16
Heart Problems	20	20
Hemorrhage/Lacerations	39	39
Industrial Accident	1	1
Injured Person	15	15
MVA	135	135
Other/Medical	152	152
Overdose/Poisoning	114	114
Pregnancy/Childbirth	10	10
Psychiatric/Suicide Attempt	44	44
Shooting/Stabbing	3	3
Sick Person	278	278
Stroke/CVA	57	57
Syncope/Unconscious	129	129
Transfer	2	2
Unknown Problem	47	47
Total	2,066	2,066





Officers and Representatives- For the 2017 FFTWP Fire Corp the following members have volunteered to act as officers and representatives:

Sponsor and Advisor- Chief Timothy Thomas

Advisory Board Liaisons- Matt Becknell/Communications and Dan Hare/Acting President

Acting President- Dan Hare

Chairperson for Meetings and Agendas- Shannon Splawn

Recorder- Patricia Hare

Calendar- Connie Johnson

Facebook- Matt Becknell and Shannon Splawn

Smoke Alarm Installation Leaders- Bern Kampsen, Michael Berding and Shannon Splawn

Members and Meeting Attendance for 11 meeting in 2017:

(There are a total of 13 members with one member being new.)

Mary Alcorn- 10 meetings

Matt Becknell- 9 meetings

Michael Berding- 4 meetings

Dave Hagedorn- 6 meetings

Dan Hare- 8 meetings

Pat Hare-10 meetings

Connie Johnson- 9 meetings

Bernie Kampsen- 7 meetings

Donna Lawson- 4 meetings

Sandra Rehbock (New Member)-9 meetings

Shannon Splawn-11 meetings

Fairy Stroud-9 meetings

Margaret Waters-6 meetings

(See attached charts for member attendance data)



Training- For 2017, all members had been trained in set-up and the running of the Fire and Smoke Safety Trailer (EDITH), Smoke Alarm Installation, use of the new “Sparky” outfit, use of the new radios, First Aid and CPR.



Each meeting featured a “Fire and Safety Lesson” that members can share with the community. Such topics included: summer and sport safety, fire extinguishers, Christmas displays and lights, mental health issues, heat exhaustion, disaster preparation and how to participate in Community Disaster Relief efforts.

Events and Details- The following is a list of just some of the 41 events or details that members could participate in during 2017. (A detailed chart of event participation is attached) Our three top events included a Fire Department Open House in October, Installation of Smoke Alarms all year long and involvement with a number of Fairfield School District Elementary School Fairs.

Fire and Safety Trailer cleaning and operation at

events

- FFTWP Egg Hunt
- FFTWP May Clean Up Day
- FFTWP Safety Day at Bridgewater
- Crafts and Critters Day at Walmart
- CPAA Community Fest Weekend
- Butler County Fair Week
- Fairfield Memorial Day Parade
- Fairfield High School Homecoming Parade
- Installation of Smoke Alarms in the community
- “Treat Street” at Bridgewater
- Halloween Safety Ride with the FFTWP Firefighters
- FFTWP FD Open House during Fire Safety Week
- Inventory - Office and Station Work
- Girl Scout Troop Project



Preparation of the small Fire and Safety Houses “Little EDITHs”

- Facebook Page
- 9/11 Memorial Service
- Kettering Hospital Safety Day
- Adopt-a-Family for Christmas
- Butler County Bicycle Rally
- “Sparky”
- Annual Fire Department picnic



Fire Corps In Action



Volunteer Hours- The total hours recorded for over 41 specific events/details number 471.25 hours for the corps. (See the attached charts for data on the specific events/detail hours for members.) However, there are many more undocumented hours of volunteer work relating to meetings, preparations for events, recordkeeping and Facebook.



Fairfield Township Fire Corps Events Volunteer Hours

<u>Name</u>	<u>Quarter #1</u>	<u>Quarter#2</u>	<u>Quarter #3</u>	<u>Quarter#4</u>	<u>Total 2017</u>
Alcorn	3.25	4.5	4.5	8.5	20.75
Becknell	3.5	14	12.5	4.5	34.5
Berding	1.75	20.5	14.25	7	43.5
Couch	6.25	resigned	0	0	6.25
Hagedorn	0.5	8.5	10.5	0	19.5
Hare, D	1.5	25.75	17.5	10.25	54.5
Hare, P.	8	26	18	21.5	73.5
Johnson	3.75	0	2.5	7	13.25
Kampsen	0	9.25	12	10	39.25
Lawson	0.5	4.5	2.5	0	7.5
Rehboch	6	5.5	7.5	6.5	25.5
Splawn	4.5	13	17.75	27.5	62.5
Stroud	7.5	29	14.5	18	69
Waters	0	0	4.5	4.5	9

Paramedic Howard Jackson

For fiscal year 2017, the Fairfield Township Fire Department was initially authorized \$60,000 for the purchase of non-capital EMS supplies. These include supplies that are single-patient use, supplies that have expiration dates, or reusable supplies that do not meet the definition of capital items, including:

- IV catheters
- Cardiac monitoring supplies
- Vacuum splints
- Backboards, straps, and cervical immobilization devices
- All pharmaceuticals, including oxygen and IV solution



During the course of the year, Chief Thomas asked for and was approved for two additional appropriations of \$1,000.00 each, bringing the final appropriation to \$62,000.00. For fiscal year 2017, \$54,268.51 in purchases were made.

As has been mentioned in each annual report I've submitted, the common themes continue to be cost of supplies, and the availability of those supplies. In general, costs have been kept down by the continued practice of obtaining quotes from multiple vendors and then attempting to purchase supplies at the lowest possible cost. However, there were times that due to availability, purchases were made at slightly higher prices, but items were received quicker. Epinephrine 1:10,000, a medication used in cardiac arrests, has been on short supply for many months. We have begun to purchase epinephrine directly from hospital pharmacies instead of through our normal vendors, which has allowed us to receive stock much quicker than being on backorder for months. Even as this report is being submitted, two orders of epinephrine from mid-2017 are on backorder through one of our vendors. Hopefully, the upcoming drug bag exchange with West Chester Hospital will make this a non-issue for our department.



Another issue that began in 2017, which will carry over to 2018, is the availability of IV solutions. Due to Hurricane Maria's September landfall in Puerto Rico, IV manufacturing processes were severely disrupted, as many pharmaceutical and IV solution companies had their primary factories located there. We have been told by our vendors to expect IV solutions to be on "long term" backorder.



Due to the efforts of Chief Thomas, a new storage solution was purchased and installed in 2017. The system is seven shelving units; the two end units are stationary, while the five in the middle are on wheels and are capable of being moved. This greatly increased the amount of storage space available for central supply, all while reducing the overall footprint in the former conference room. This has also allowed for better organization of supplies. As has also been mentioned in previous annual reports, the barcoding project is almost complete for our central supply area.

In 2018, we are looking forward to obtaining access to a new inventory management software solution. Provided by one of our primary suppliers, Henry Schein, Envi is an online inventory management solution that will help automate some of our processes, such as automatically creating purchase requests, providing notifications when stock is low, and keeping track of stock as it moves through the department. The previous solution, MMIS, has served the department well since 2012; however, Envi is more robust and will lessen the labor involved in inventory management.

	2017	2016	% Change 2016-2017	2015	% Change 2015-2017
Yearly Total	\$54,268.51	\$40,711.72	33.3%	\$52,933.84	2.52%
Final Appropriation	\$62,000.00	\$72,000.00	-13.89%	\$75,000.00	-17.33

Bariatric Transport Unit - TASK 219

The Butler County Fire Chiefs regional bariatric project continues to operate well. The unit has been dispatched to 41 calls for service. The vehicle continues to function without any mechanical issues.

This year we are planning on replacing the current ramp system with the new telescoping system at a projected cost of \$6000.00. The new system will match the ramp capacities to the cot capacity. It will also improve the ease of deployment of the ramps and increase the safety of users.



Task 219 Responses in 2017

Fairfield Township	6	
Fairfield City	14	\$ 1,750.00
Hamilton	6	\$ 750.00
Middletown	6	\$ 750.00
Monroe	7	\$ 875.00
West Chester	1	\$ 125.00
Anderson Twp.	1	\$ 450.00
TOTAL	41	\$ 4,700.00

Transport Facilities

