



SAVING LIVES SINCE 1904



TABLE OF CONTENTS

<u>Letter to Mayor Haas and Board of Council</u>	<u>Page 1</u>
<u>Chief's Year in Review</u>	<u>Pages 2 -3</u>
<u>Mission Statement</u>	<u>Page 4</u>
<u>FD Personnel</u>	<u>Pages 5-6</u>
<u>Fire Department Orginazational Structure</u>	<u>Page 7</u>
<u>FD Responsibilities</u>	<u>Page 8</u>
<u>FD Staff/Retired FF</u>	<u>Page 9</u>
<u>Grants</u>	<u>Pages 10-11</u>
<u>Profession Affiliations</u>	<u>Pages 12-14</u>
<u>Public Fire Safety Education Programs</u>	<u>Pages 15-22</u>
<u>Staff Development</u>	<u>Pages 23-40</u>
<u>Fire Incident Response Data</u>	<u>Pages 41-50</u>
<u>EMS Response Data</u>	<u>Pages 51-53</u>
<u>Hydrant Data</u>	<u>Page 54-55</u>
<u>Physical Fitness Report</u>	<u>Page 56</u>



SAVING LIVES SINCE 1904



Honorable Mayor and Board of Council
City of Fort Thomas
130 North Fort Thomas Avenue
Fort Thomas, Kentucky 41075

April 18, 2016



In 2015, your Fire Department continued to provide excellent emergency services to our community. The numbers of runs we handled has increased from a total of 1,815 in 2014 to a total of 1,942 in 2015. The nature of the runs will be broken down as part of this report.

In addition to our traditional emergency Fire/EMS and Fire Prevention – Code Enforcement responsibilities, we have again endeavored to provide several value-added programs to our community. This report will identify those programs and explain their values.

Your department continues to take an active role in regional, state and national organizations dedicated to the delivery of quality services in public safety, the fire service, emergency medical services and emergency preparedness. We have continued to seek out and apply for grants to augment the efforts of the city to fund our activities and we have been successful in those efforts.

Finally, this report will no doubt identify those areas in which we need to improve our performance to better serve our customers, the citizens of Fort Thomas, as we look forward to the future.

We hope that this report explains in detail the efforts of our personnel over the past year. We would also take this opportunity to express our gratitude to the Mayor, Board of Council and Administration for their continued high level of support for the Fire Department.

Respectfully Submitted,

Mark K. Bailey, Chief

FROM THE CHIEF'S PERSPECTIVE: A YEAR IN REVIEW

The year **2015** was again a very busy year for the **Fort Thomas Fire Department**. The following is a breakdown month-by-month of our major activities:

January – 180 total responses, 23 drills and 287 staff hours, major training-Fire – annual Hazardous Materials/Radiation review and Preparing for Incident Company Operations (PICO) training.

February – 162 total responses, 20 drills and 506 staff hours, major training-Fire - consisted of continuation of PICO training and starting the Apparatus Operator curriculum. We also participated with the Campbell County Office of Emergency Management and our schools with National Emergency Preparedness Month.

March – 149 total responses, 24 drills and 267 staff hours, major training- Fire – continuation of the Apparatus Operator class. We also participated with the Campbell County Office of Emergency Management and our schools with National Severe Storms Month training.

April – 148 total responses, 17 drills and 152 staff hours, major training-Fire - Hose Testing/Evolutions. Furthermore, the Fire Department again participated in the Prom to Dawn activities at Highlands High School to ensure the safety of the students participating in this overnight activity.

May – 144 total responses, 13 drills and 168 staff hours. The Fire Department assisted with two presentations for the 3rd grade students of Ruth Moyer. Also, a number of our personnel either completed college classes and degrees or began summer classes to work on their respective degrees. Furthermore, EMS Week was May 17th through May 23rd. This year's National theme was EMS Strong! In May, the FD hosted a meeting of the Campbell County Fire Protection Association (CC Fire Chief's). Also, the FD participated in the Rolling Thunder event to show support of POW's and MIA's on May 20th.

June – 152 total responses, 17 drills and 138 staff hours, major training- Fire – Aircraft Firefighting and Rescue Training taught at the Airport Fire Department. We also participated in the Tiny Tots Program through the Recreation Department Summer Program on June 29th.

July – 198 total responses, 15 drills and 119 staff hours, major assignment for month-Fourth of July Parade and *Independence Day Celebration*. Major training-Fire –Pre-Plans and Inspections of major facilities (Assemblies).

August – 151 total responses, 27 drills and 183 staff hours, major training- Fire – Drivers Training and Lockout/Tagout Procedures. We also again participated in the annual Eggs and Education Breakfast for the Fort Thomas City Schools as a table sponsor. Lieutenant Richard "Dickie" Boothe retired with 24 years of dedicated service to our department. With Dickie's retirement, we were able to promote FF/P Kasey Carr to Lieutenant from our current promotional list.

September – 161 total responses, 29 drills and 264 staff hours, major training- Fire-continuation of Drivers Training and training our newest employee 9FF/P Sam Behrle).

FF/P Behrle stated with our department on September 21st. Congratulations Sam and good luck on your tenure with FTFD. Our department also participated in the annual 911 Memorial Service at the World Peace Bell and in the annual Touch-A-Truck and Merchants and Music Festival in Tower Park.

October – Fire Prevention Month – 176 total responses, 17 drills and 320 staff hours, major assignment for month-Fire Prevention Public Education (See details under Fire Prevention Section). In October, the FD also received a grant from the Kentucky Office of Homeland Security in the amount of \$35,000.00 for an ambulance cot loading system for Medic 680. Also, FF/P Kyle Kaufman attended a two-week course at the National Fire Academy in Emmitsburg, MD studying the fire service management curriculum

November – 166 responses, 27 drills and 379 staff hours, major training-EMS – Infectious Diseases and Sepsis taught by Joshua Ishmael, EMS Coordinator at St. Elizabeth Ft. Thomas. Fire – annual auto extrication classes were performed. We also winterized all fire hydrants in the city.

December – 152 responses (our total responses for the year were 1942), 23 drills and 140 staff hours. Training for the year 2015 consisted of 256 drills and 2835 staff hours. The Fire Department also participated in the City Holiday Walk.

As you can see, the year **2015** was a very busy and productive year for the **Fort Thomas Fire Department**.

In closing, the Fort Thomas Fire Department looks forward to 2016 in continuing to provide the utmost in protection and education for the citizens of the City of Fort Thomas.

Thank you Mayor Haas, Board of Council and Administration for all of your constant support.

Ft. Thomas Fire Department Mission Statement

The mission of the Ft. Thomas Fire Department is dedicated in serving the citizens to prevent loss of life, personal injury, and property damage through Emergency Response, Current Departmental Training, Fire Prevention, and Community Education.

The Department will provide Emergency Medical Services at the level of advanced life support towards the health, safety, and well-being of the patient/s.

The Department will provide optimal services in an efficient manor to the needs of our community and recognized by our community and our peers as leaders in the event of an Emergency.

The Department will set examples of professionalism regardless of rank or position and actively participate in community events.

The Department will assist neighboring fire departments through mutual aid agreements to the extent that the City of Ft. Thomas is not left in harms way.





SAVING LIVES SINCE 1904



PERSONNEL 2015
Fire Department Officers



Chief Mark K. Bailey

1



Captain Steve Lumpp

2



Captain Chris Amon

3



Captain Jeff Parker



LT/P Kasey Carr



LT/P Steve Rath



LT/P Tammy Webster



FF/P RICK DAUGHERTY



FF/P SCOTT SHEPHERD



FF/P CHRIS WULFECK



FF/P MATT STUART



FF/P JOSH EDMONDSON



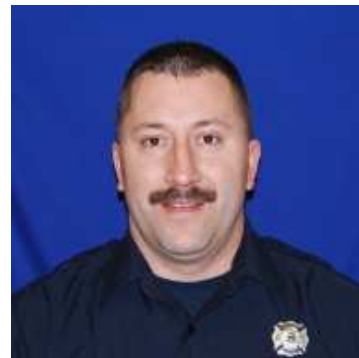
FF/P CHRIS RUST



**FF/P ERIC
SHERPENBERG**



FF/P JEREMY ANDRASIK



FF/P MIKE WATSON



FF/P KYLE KAUFMAN

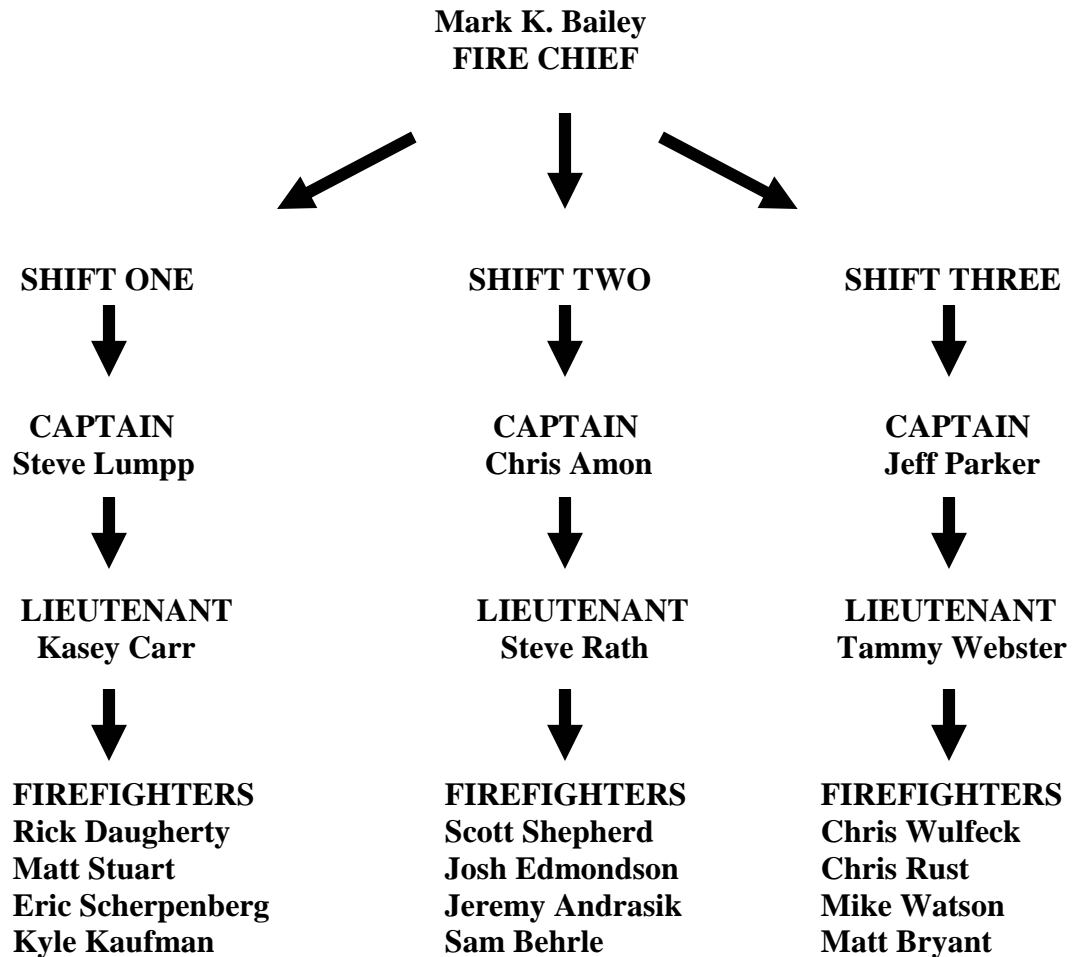


FF/P SAM BEHRLE



FF/P MATT BRYANT

Ft. Thomas Fire Department Organizational Structure



Administrative Assistant – Elaine Henderson

FORT THOMAS FIRE DEPARTMENT
OFFICER/SHIFT RESPONSIBILITY ASSIGNMENTS

SHIFT 1

CAPT/P STEVE LUMPP - FIRE TRAINING COORDINATOR, CIS ADMIN.,
INSPECTIONS COORDINATOR (INC.
EDUCATIONAL FACILITIES)
LT/P KASEY CARR - INSPECTIONS
PRE-PLANS COORDINATOR
FF/P RICK DAUGHERTY - PHYSICAL FITNESS, CPAT, TURNOUT GEAR
(PPE)
FF/P MATT STUART - HAZ. MAT. TRAINING, SCBA MAINTENANCE,
MSDS
FF/P ERIC SCHERPENBERG - FACILITY COORD./SUPPLIES, PRE-PLANS,
PUB. ED. POSTER CONTEST
FF/P KYLE KAUFMAN – SCBA MAINT, PRE-PLANS

SHIFT 2

CAPT/P CHRIS AMON - VEHICLE MAINTENANCE COORDINATOR
HOSE, PHYS. FIT, MINOR EQUIPMENT
LT/P STEVE RATH - INSPECTIONS
SCBA MAINT., ACCOUNTABILITY
FF/P SCOTT SHEPHERD - RADIOS & PAGERS
FF/P JOSH EDMONDSON – HYDRANTS, EXTINGUISHERS, PRE-PLANS
FF/P JEREMY ANDRASIK – PRE-PLANS
FF/P SAM BEHRLE – PRE-PLANS

SHIFT 3

CAPT/P JEFF PARKER – EMS COORDINATOR
FIRE PREVENTION/PUBLIC EDUCATION
OFFICER
LT/P TAMMY WEBSTER – INSPECTIONS
PHYS. FIT., GRANTS MANAGER
FF/P CHRIS WULFECK - FIRST AID/CPR PROGRAMS (INC. HMS
PROGRAMS)
FF/P CHRIS RUST - SMALL ENGINES/EQUIPMENT
FF/P MIKE WATSON - EMS SUPPLIES, PRE-PLANS
FF/P MATT BRYANT - PRE-PLANS

ADMINISTRATIVE SECRETARY



Elaine Henderson

RETIRED PERSONNEL



Lieutenant Richard “Dickie” Boothe

August 1, 2015
24 years



SAVING LIVES SINCE 1904



GRANT PROCESSES

Lieutenant Tammy Webster, Grant Coordinator

The fire department continues to aggressively pursue grants for funding and equipment via private foundations as well as the state and federal governments. Many of these grants have purchased equipment that is used solely by your fire department. Several of the grants have been for countywide projects and others have been partnerships with other cities/communities.

Grant Requests Awarded 2001-2014					
Year	Source	Request	Award	Match	Total
2001	AFG	PPE (gear)/SCBA	\$56,700	\$5,670	\$62,370
2001	AFG	prevention programs/props	\$41,790	\$4,170	\$45,960
2003	St Luke	EMS training	\$3,500	\$0	\$3,500
2002	AFG	Training Room	\$56,279	\$5,628	\$61,907
2005	AFG	1 TIC, RIT Pack, MDT	\$52,559	\$2,766	\$55,325
2008	AFG	2 TIC	\$19,000	\$1,000	\$20,000
2008	AFG	Regional Radio	\$263,156	\$65,789	\$328,945
2008	Wal Mart	Rescue Randy	\$1,000	\$265	\$1,265
2008	KY Fire Commission	Fitness equipment Elliptical Machine	\$4,000	\$0	\$4,000
2010	KOHS	Warning Devices	\$85,500	\$24,000	\$109,500
2011	KOHS	PPE boots/EMS Coats	\$10,000	\$0	\$10,000
2010	AFG	Radio Narrow banding	\$215,280	\$53,820	\$269,100
2010	AFG	Pumper	\$327,750	\$17,250	\$345,000
2010	AFG	Gear Lockers	\$8,075	\$425	\$8,500
2010	KOHS	SCBA Fill Station	\$42,000	\$0	\$42,000
2012	KOHS	Cardiac Monitor	\$25,000	\$7,200	\$32,200
2012	KY Fire Commission	Fitness Equipment Universal Machine	\$5,000	\$0	\$5,000
2013	KY Fire Commission	Elliptical Machine	\$4,500	\$0	\$4,500
2013	AFG	EMS Cardiac Monitor & Station Alerting	\$37,050	\$1,950	\$39,000
2013	KOHS	Multi-Gas Detectors	\$7,000	\$0	\$7,000
2014	KY Christian Paramedics	Mattresses	\$24,700	\$0	\$24,700
2014	KOHS	Multi-Gas Detector	\$1,500	\$0	\$1,500
2015	KOHS	Power Cot and Loading System	\$35,000	\$0	\$35,000
2015	KY Fire Commission	Treadmill	\$4,000	\$0	\$4,000
2001 -2015 Awards			\$1,271,139	\$189,933	\$1,520,272

The table above represents only the grants that have been awarded. The department has submitted numerous other grants that have gone unfunded. The most recent, and one of the largest, is the request for replacing our aging self contained breathing apparatus or SCBA's. These are the "air tanks" that firefighters wear in hazardous atmospheres. We submitted a grant for \$145,575 to the Federal Emergency Management Agency (FEMA) to replace all of our SCBA's. Ultimately, the grant was not funded. However, we learned a lot through the process and have reapplied for SCBA's, with some minor changes, for the current grant cycle and are confident that we will ultimately be successful.



This is a photo of a Stryker Power Pro cot like the one we received via the KY Office of Homeland Security grant program. This unit will raise, lower and load patients into the back of the ambulance hydraulically. This is a huge benefit for our personnel and decreases the work required to move people.

PROFESSIONAL AFFILIATIONS ACTIVITIES

National

- **Fire Department Instructors Conference**
- **National Fire Protection Association**
- **International Association of Fire Chiefs**
- **International Association of Fire Fighters**

Statewide

- **Kentucky Firefighter's Association** –Lt. Steve Rath attended the annual conference in Paducah Kentucky as well as serves as a Legislative Lobbyist for the KFA.
- **Kentucky Association of Fire Chiefs** – Chief Bailey is an active member of this organization.
- **Kentucky State Commission on Fire Protection, Personnel Standards, and Education** – Chief Bailey and Captain Lumpp maintain a close working relationship with this organization relative to the tracking of fire service training hours for our personnel. FF/P Rick Daugherty is an active member of this Commission on their Board of Directors.
- **Emergency Medical Services Educators of Kentucky** – Chief Bailey is an active member of this organization.
- **Kentucky Board of Emergency Medical Services** – Chief Bailey and Captain Parker maintain a close working relationship with this organization and continue to monitor Kentucky's Administrative Regulations 202 KAR Chapter 7 and Kentucky Revised Statutes, Chapter 311A, covering all aspects of Emergency Medical Service throughout the Commonwealth. Chief Bailey was the first chairman of this Board organized in September 2000.
- **Kentucky Ambulance Providers Association** – Chief Bailey maintains a close working relationship with this association reference to regulations and legislative issues affecting EMS in the Commonwealth.

PROFESSIONAL AFFILIATIONS ACTIVITIES CONTINUED

- **Kentucky Emergency Medical Services Academy** – Chief Bailey serves as chairman of this organization and assisted in formulating the curriculum for the Paramedicine Associate Degree Program offered through Western Kentucky University and Bowling Green Community College.
- **Kentucky Community and Technical College System** – Chief Bailey continues to serve as an adjunct instructor for the EMS Evaluator Course taught through KCTCS and the Kentucky Board of Emergency Medical Services and Captain Parker currently teaches through the State Fire Rescue Training Division.
- **Green River Fire Officers School** – Captain Lumpp maintains a close tie with this prestigious school through the Kentucky Firefighters Association.

Regional

- **Northern Kentucky Hazardous Materials Unit** – Agency that provides Hazardous Materials response capability for the Northern Kentucky Region. Chief Bailey was on the steering committee that formulated this unit. FF/P Stuart is the team leader for the Campbell/Kenton County Unit. Lieutenant Rath serves on the Decon Team for the Haz Mat Team.
- **Greater Cincinnati Hazardous Materials Unit** – Agency that provides Hazardous Materials response capability for the Greater Cincinnati Region. FF/P Matt Stuart is our representative to this unit.
- **Tri-State Emergency Association** – Association that acts as a forum for Police, Fire, EMS and Emergency Management Offices in the region to share information and contacts through quarterly meetings.
- **University of Cincinnati** – Our department serves as a practical training site for Paramedic Interns.
- **Cincinnati State Technical and Community College** – Our department serves as a practical training site for both Fire, EMT and Paramedic Interns.
- **Gateway College** - Our department serves as a practical training site for EMT and Paramedic Interns.

PROFESSION AFFILIATIONS ACTIVITIES CONTINUED

- **Northern Kentucky Firefighter's Association** – This is a regional association with Chief Bailey serving on the Radio Committee. Capt. Amon serves on the RIT Committee and Lt. Rath serves on the Incident Management Team.
- **Northern Kentucky Fire Inspectors Association** – Captain Lumpp serves actively with the association.
- **Northern Kentucky EMS Advisory Committee** –Captain Parker currently serves on the ALS sub-committee.
- **Campbell County Fire Protection Association (formally CCFEA)**– Chief Bailey currently serves as the Chair of the Radio Communications Committee and Vice-President of the organization, Lt. Rath is on the Legislative Committee, Captain Amon servers on the Firefighter Safety Committee, FF/P Shepherd on the Radio Committee, FF/P Edmondson on the Training Center Committee, FF/P Stuart on the Haz-Mat Committee, Captain Lumpp on the Training and Schools Committee, Lt. Tammy Webster chairs the SAVE Committee, and Captain Parker chairs the EMS Committee.
- **Campbell County Consolidated Dispatch Board** – Responsible for the operation of Public Safety Answering Point for Campbell County 911 Emergency Dispatching. Chief Bailey serves on Board of Directors as the Chairman of the Board of Directors.
- **Northern Kentucky Emergency Services School** – Captain Lumpp, Captain Parker and Captain Amon served on the faculty.
- **Northern Kentucky Fire Officer Training School** – Captain Lumpp and Captain Parker serve on the faculty.
- **Cincinnati/Northern Kentucky Intl. Airport Disaster Committee** – Chief Bailey serves as the representative for Campbell County Fire Chief's and the Campbell County Consolidated Dispatch Board on this committee.
- **Campbell County Fire Investigative Team** – FF/P Daugherty and FF/P Stuart are members of this team which investigate fires and their potential causes in Campbell County.

PUBLIC FIRE SAFETY EDUCATION PROGRAMS

Capt. Jeff Parker - Fire Prevention/Public Education Officer

The most preferred method avoiding the tragedies that occur as a result of fire is to prevent the fire from occurring in the first place, and to minimize the life hazard, injury potential, and property damage if it occurs. This is accomplished through public educational offerings, and through a fire inspection program.

We are always looking for fire safety educational opportunities to reach all ages. We are very active in the public and parochial schools of Fort Thomas.

We provided public fire safety and prevention education to approximately 1,100 children who attend public and parochial schools in Fort Thomas, of classes K thru 3rd grades at Johnson Elementary School, Ruth Moyer Elementary School, Woodfill Elementary School, St. Catherine's Elementary School, and St. Thomas Elementary School.



This was accomplished through 42 separate teaching sessions coordinated with each principle, that our firefighters provided using the Campbell County Fire Protection Assn's Fire Safety mobile house trailer that we brought to each school. With this tool, we were able to provide many valuable life safety lessons to these children. It enabled us to combine many lessons efficiently into one place that engages the children.

These sessions provided teaching in the following age-appropriate topics: kitchen safety, general child trauma prevention, home hazard detection awareness, calls for help and 911, home fire prevention, effective exiting and emergency escape, post-evacuation meeting place gathering,

and others.

For 2015, the National Fire Protection Association announced the theme for the year to be: **"Hear the Beep Where You Sleep: Every Bedroom Needs a Working Smoke Alarm"** In explaining this, the NFPA says that, "half of all U.S. home fire deaths occur at night between the hours of 11:00 pm and 7:00 am, when people are most likely to be sleeping. Having a working smoke alarm in the home cuts the risk of dying in a fire in half. These facts underscore the extreme importance of having working smoke alarms in all bedrooms." They also point out that, "Because fires can happen when people are sleeping, having working smoke alarms in bedrooms is a critical element of home fire safety." The NFPA says further that "3 out of every 5 U.S. home fire deaths resulted from

fires in homes with no smoke alarms or no working smoke alarms. Smoke alarms can make the difference between life and death in a fire by alerting people in time to escape safely, but they need to be installed in all the required locations, including all bedrooms, and they need to be working.”



We provided smoke detector and carbon monoxide detector installation guidance and assistance to our citizens. These detectors continue to be a very important tool in providing early warning of a fire or carbon monoxide gas presence and the need for emergency action and evacuation.

In May, Capt. Jeff Parker delivered a fire prevention and safety to a group from Volunteers of America home staff. This included kitchen safety, electrical and heating safety, fire extinguishers, building passive and active fire features, utilities, exiting, planning, drilling, and FD functions. They watched several relevant NFPA videos and toured the departments apparatus and equipment.



In May, Chief Bailey, Capt. Lumpp, Lt. Rath, Firefighter/Paramedics Scherpenberg, and Kaufman gave a tour of the aerial ladder truck and the ambulance to 3 children and 2 adults. They were then provided a ride on the fire truck to Wise Owl Preschool.



In July, Capt. Lumpp, Firefighter/Paramedics Stuart and Scherpenberg delivered fire safety and fireworks safety education to 120 children and counselors at the YMCA Summer Camp program.

Many groups of day cares, elementary students, cub scouts, girl scouts, and family visit the fire station through the year for tours of the station and apparatus. They receive fire and safety education lessons from the firefighters and demonstrations of equipment and protective clothing.

In October, Capt. Lumpp, Firefighter/Paramedics Scherpenberg, Bryant, and Behrle, taught a class on fire extinguisher use to a group from the Volunteers of America.



At the city's Pumpkin Walk, Capt. Lumpp, Lt. Carr, Firefighter/Paramedics Daugherty and Scherpenberg used the opportunity to meet the families remind them to check smoke detector batteries and have a safe Halloween.

In October, Lt. Steve Rath staffed a FD booth at the YMCA Health Fair.

This year, Firefighter/Paramedic Chris Rust again coordinated a joint project between the fire dept. and Highlands High School to produce and deliver the NFPA's annual fire prevention theme in a message to the public. Chris worked with Mr. William Poff, the teacher of the Highlands High School Filmmaking and

Broadcasting Class, and coordinated the production of a short but public service message carrying NFPA's 2015 theme of "*Hear the Beep Where You Sleep: Every Bedroom Needs a Working Smoke Alarm*". This was shown on the score board at a Bluebird home football game, and on YouTube.

Firefighter/Paramedic Chris Wulfeck continued to provide CPR training in Highlands Middle School. We thank Ms. Debbie Hammel, a teacher of the 7th and 8th grades with her continued dedication in this endeavor. In this program, Infant, child, and adult CPR was taught to about 160 junior high school students.

FF/P Wulfeck also has coordinated our public CPR and First Aid classes offered each month at the fire station for at least 16 years. Classes are held bi-monthly for a minimal cost to students at the station. This instruction was delivered to about 300 persons in 2015.

We also have continued to encourage children of all ages to visit the fire station for tours. This includes school groups, scout groups, day cares and others. These tours enable us to deliver many of the lessons above combined with demonstration of the firefighter's protective clothing, breathing air equipment, tools, engine & aerial apparatus, medic unit, and station functional features.

The fire department also visited day cares, schools, and other functions with our crews and apparatus for demonstration and fire safety lessons.

The Sparky the Fire Dog's robot car is used to capture the attention and delivery of fire safety and injury prevention messages to smaller children.



*An Expression of Appreciation for
Public Service*

The Hazard House also continued to be an educational aid. Lessons include installation of and location guidelines for smoke detectors, electrical safety, carbon monoxide hazards, storage issues, and cooking safety. Other lessons are planning your escape, calling 911, trauma prevention such as gun safety, pool and

playground safety.

Along with fire inspection activities at schools, the fire department attends initial fire drills conducted at the schools and consults with the schools to provide guidance to enhance evacuation safety and efficiency. The fire evacuation drills are combined with earthquake, severe storm, and emergency school security threat training drills.



Congratulations!

November 5, 2015

Dear Student

You are a winner in the Junior Fire Marshal Poster Contest. You, along with your family are invited to the awards ceremony, which will be held on Thursday evening, November 12, 2015 at 7:00 P.M. The awards ceremony this year will be held at the Syndicate in Newport.

The Grand Prize Winner will receive \$250 and a plaque. The Best Artwork winner will receive a \$125 and a plaque. The first place winner in each grade (K-5) will receive a \$75 cash prize and an award. The five runner-ups in each grade (K-5) will receive a \$30 cash prize and an award.

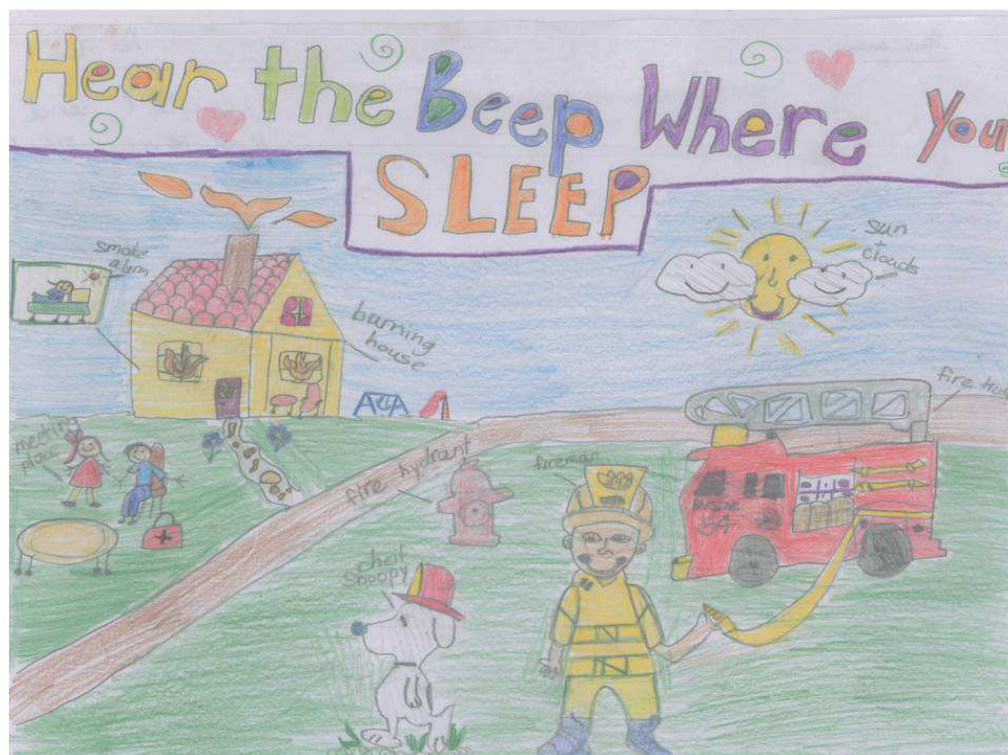
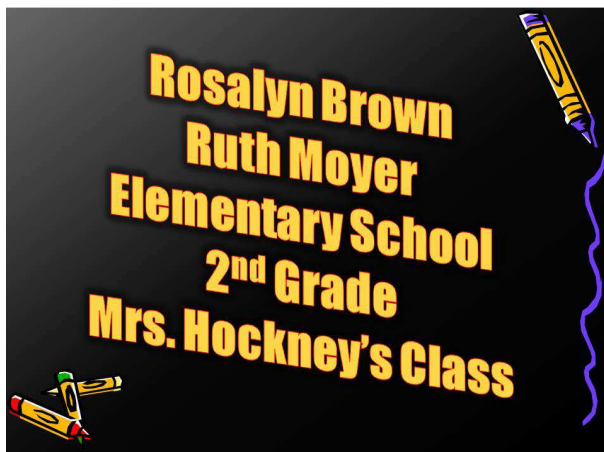
Parents please RSVP by 12:00 P.M. (noon), Wednesday, November 11, 2015 via email to afuller@fortmitchell.com or via phone at 859-331-1267 Ext. 423. If you should have any questions, please contact Adam Fuller at the above listed number or email.

Thank you very much for participating in our contest and we hope to see you on Thursday evening, November 12, 2015 at 7:00 P.M.

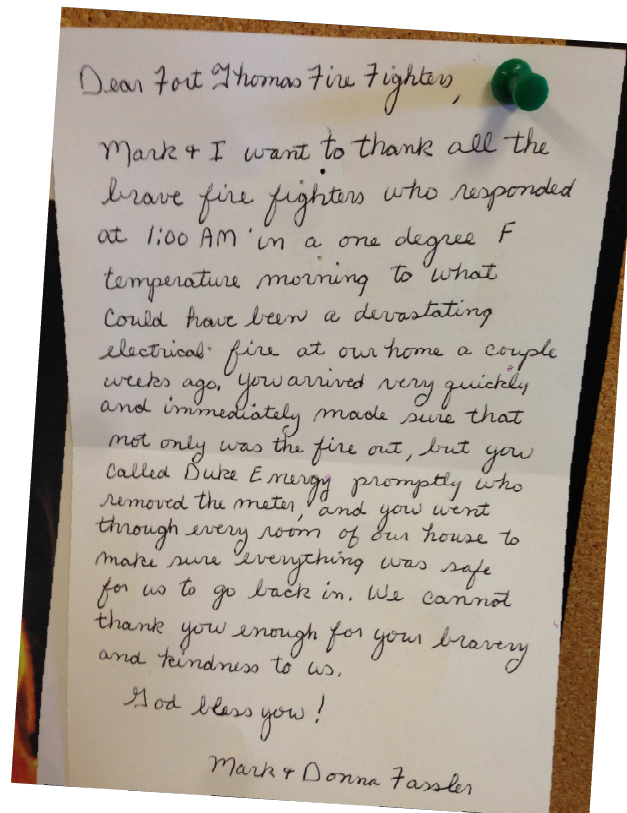
Northern Kentucky Junior Fire Marshal Poster Contest 2015 Winners List

Grade	Place	Name	School	Teacher
Kindergarten	Runner up	Maisey Wilson	Woodfill	Mrs. Gardners am
	Runner up	Alecia Cogsville	Newport Primary	Ms. Hofstetter
	Runner up	Antinino Cioffi	Newport Primary	Ms. Hofstetter
	Runner up	Reegan Conley	Mary Queen of Heaven	Flach
	Runner up	Anthony Haselwood	Mary Queen of Heaven	Flach
	1st Place	Caroline Gollar	Beechwood	Mrs Herrera
1st Grade	Runner up	Rowan Weigand-Strickley	R.C. Hinsdale	Ms. Jeffries
	Runner up	Demetriona Harmon	Newport Primary	Ms. Hofstetter
	Runner up	Garren Ackerson	Newport Primary	Ms. Hofstetter
	Runner up	Kenya Tomas	Newport Primary	Ms. Hofstetter
	Runner up	Violet McGlasen	Mary Queen of Heaven	???????
	1st Place	Gabriela Pablo	Newport Primary	Ms. Hofstetter
2nd Grade	Runner up	Reece Floyd	Community Christian	Amy Moore
	Runner up	Dylan Spears	Ruth Moyer	Mrs. Hockney
	Runner up	Kaylie Scales	St. Thomas	??????
	Runner up	Kayvion Sharp	Newport Primary	Ms. Hofstetter
	Runner up	Christina Brown	Newport Primary	Ms. Hofstetter
	1st Place	James McKeown	Blessed Sacrament	Mrs. Wirtz
3rd Grade	Runner up	Rudi Wilson	Woodfill	Mrs. Bernhard
	Runner up	Lily Reed	Summit View Academy	Mrs. Pohlman
	Runner up	Rachel Rolfsen	R.C. Hinsdale	Mrs. Watkins
	Runner up	Mary Kennedy	St. Thomas	Mrs. Meyer
	Runner up	Kearstin Mayer	Community Christian	Amy Moore
	1st Place	Lauren Ott	St. Joseph -Cres. Springs	Ms. Ruwe
4th Grade	Runner up	Bradley Groneck	St. Thomas	Mrs. Brennan
	Runner up	Megan McKeown	Blessed Sacrament	Mrs. Buck
	Runner up	Bell Kampinga	St. Pius X	Mrs. Vogt
	Runner up	Lucy Obermeyer	St. Catherine of Siena	Mrs. Smith
	Runner up	Jillian Kendall	Ruth Moyer	Mrs. Heilman
	1st Place	Kirsten Schroeder	Kenton Elementary	Mrs. Carmony

5th Grade	Runner up	Katrina Rolfsen	R.C. Hinsdale	Mr. Horine
	Runner up	Keria Schneider	St. Joseph	Mrs. Schreiber
	Runner up	Arianna Hall	Beechgrove	Mrs. Sturgeon
	Runner up	Ally Welch	Ruth Moyer	Ms. Webster
	Runner up	Owen Rogiers	St. Thomas	Mrs. Arnett
	1st Place	Ben McNay	Woodfill	Mrs. Smith
	Best Artwork	Rosalyn Brown	Ruth Moyer	Mrs. Hockney
	Grand Prize	Mason Stamper	Beechgrove	Ms. Lane



In August, Capt. Lumppp and members from shift 1 taught a class at Pellitier Hall on Highland Ave. for 25 workers on fire safety, storm safety, protect-in-place, and general fire behavior/fire suppression/detection equipment.



One example of appreciation expressed after a fire incident.

STAFF DEVELOPMENT

Fire Training - Capt. Steve Lumpp, Fire Training Officer

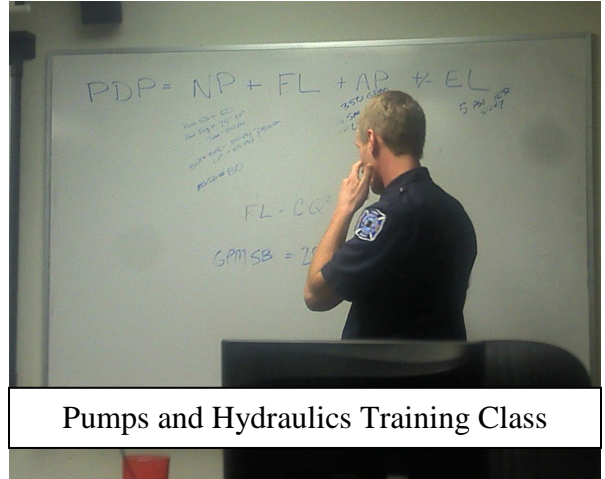
Initially, all career fire personnel in Kentucky attain 400 hours of training in specific categories. This does not include their training as paramedics. Every year, each firefighter is required to obtain at least 100 hours of additional fire training to maintain their knowledge and skills and learn new information and techniques. Most of our personnel have thousands of hours of training they have attained in many different subject areas of fire science and emergency medical care.

Our personnel attained a total of 2,835 training hours with an average of 149 hours per firefighter. This includes fire and EMS training hours together but each person has to have at least 75 hours of fire only training. This mandate was started in 2014 and our personnel average 93 hours of fire only training with the remaining balance being EMS training.

Every 3 months the Captains and the Chief meet and assemble a training calendar for the next 3 months. Every day, the shift will train on the assigned topic which might be in the classroom or out in the field. Some topics may add to a firefighter's base of knowledge with new skills or information. Other times, the training reinforces important skills and knowledge that needs to be second nature in an emergency. The training selection might be to meet State and Federal regulations; it might be a topic that the Captains feel the shifts need additional training; or it could be a topic where research shows a new method of doing something.

There are 36 areas of concentration for Fire Training. Some areas do not necessarily apply to every Firefighter or to the type of emergencies that we see but many do. EMS training was the area with largest amount of training and then after that was Fire Officer Training. This category does not only apply to the Officers in the department even though they probably complete more training in this area than the Firefighters. These classes consist of decision-making and tactics when it comes to fires, rescues, and other emergency incidents. Several hours of training was also completed in Incident Command. This is important because if an incident does not get managed correctly it can have bad consequences for safety and mitigating the incident.

Every year we are also required to refresh on certain topics. The EPA, OSHA, and National Fire Protection Association have rules and standards that we need to meet. Additionally, the Insurance Services Organization has requirements that help the insurance rates for properties in the City if we meet their training requirements. These topics are a top priority and are accomplished every year. Some of the requirements involve training in hazardous materials, emergency vehicle driving, and self-contained breathing apparatus.



Pumps and Hydraulics Training Class

To help accomplish training, many of our personnel are fire service instructors. The state of Kentucky certifies fire instructors after completing a 32 hour class in methodology, teaching a topic in front of a panel of reviewers, and then taking a written test. We have 14 fire service instructors within our department. Having a lot of instructors gives each one time to prepare for the topic that they have to teach. Some of our instructors are also certified as level II instructors which means that they can develop their own lesson plans through gathering research and other information and then present that material as a class.



Aircraft firefighting training at CVG Airport

We are fortunate to be able to train with other departments and attend some outside seminars. This past year every shift was able to go to the Cincinnati/Northern Kentucky International Airport and train with them on aircraft firefighting. Our firefighters were able to practice fighting different types of

aircraft fires using the airport's simulator. This is important because of our close proximity to Cincinnati Municipal Lunken Airport and we have had 2 airplane crashes in the City in the last several years.

Many of our personnel attended a seminar in Newport conducted by the International Society of Fire Service Instructors on Principles of Modern Day Fire Attack (SLICE-RS). This seminar provided case studies and the results of several experiments where various structures were lit on fire that had video and temperature sensors throughout the buildings. As different fire strategies and tactics were employed the results of those tactics were measured. The training showed that in many instances, darkening a structure fire from the outside and then proceeding to do an interior fire attack may not have detrimental effects on any inhabitants in a building and not cause additional property destruction and at the same time it is safer for firefighters making the interior fire attack. This information was brought back and has shaped how we plan our strategies when fighting structure fires.

Developing a fire officer's leadership abilities and knowledge of fire behavior and tactics is also an ongoing activity. Every year we send several personnel to the Officer Leadership Symposium which is sponsored by the Kenton County Fire Chiefs Association and the Office of Homeland Security. Nine personnel attended this year's symposium with personnel attending at least one day and many attending both days. Bobby Halton, the Editor for a leading fire service trade

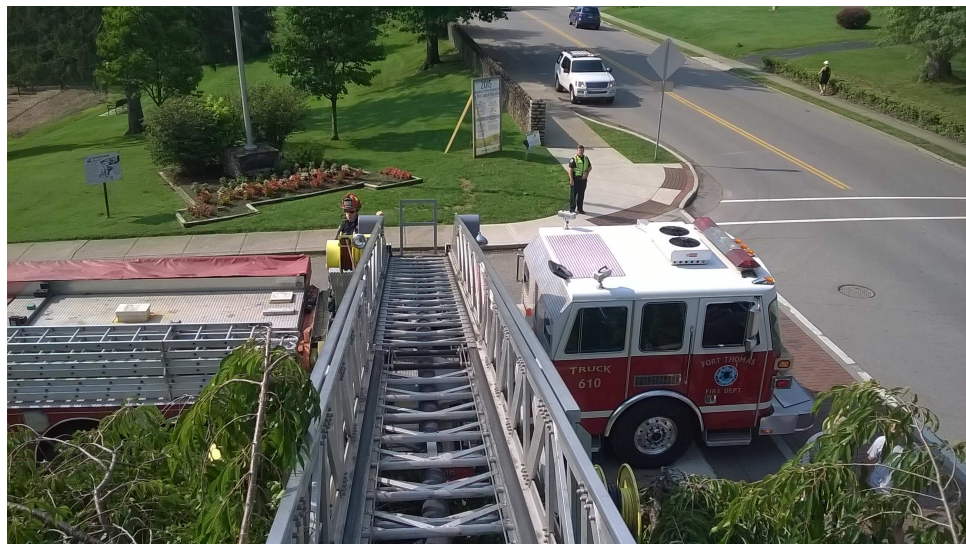
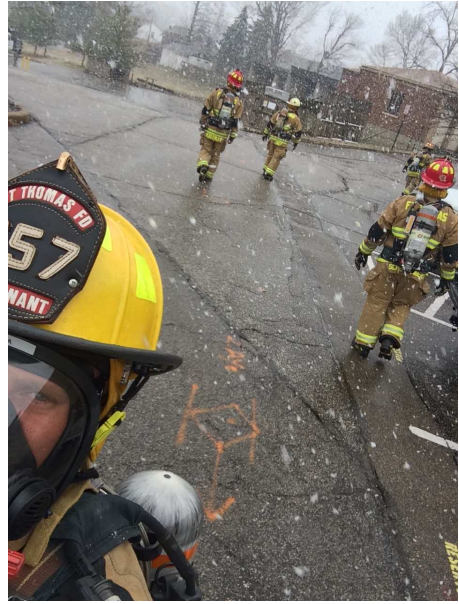
magazine and a former Fire Chief was the speaker for the first day. John Norman, a retired Fire Department of New York Deputy Assistant Chief, was the speaker for the second day.

This past year, the Fire Department hired a new Firefighter/Paramedic, Sam Behrle. When a new firefighter is hired, they go through a 2 week orientation period working 8 hour days and a twenty-four shift on Fridays. This gives them a chance to work with all personnel in the department before they are put on their regular twenty-four hour shift. During this 2 week period they also receive training in our department specific protocols and general operating guidelines. They are also becoming familiar with the equipment in our department and learning to drive and operate the vehicles. This training continues for some time once they are on their regular shift rotation and will continue until they are proficient and knowledgeable about our department's equipment, techniques, and skills.

Some of our personnel are involved in regional teams and attend extra training for those teams. Specifically, the Hazardous Materials Team and Campbell County Fire Investigation Team. Both of these teams provide personnel trained in these areas and by using the regional approach, many departments can pool their resources and personnel for functions that might make it very difficult for one department to provide. By contributing to these types of teams, we are also able to better train our personnel for sharing knowledge within the department and if we need the specialty of these types of teams we have a liaison between our department and that team.

Your Fort Thomas Fire Department is constantly preparing to handle any emergency that happens. Developing the knowledge, skills, and abilities of our personnel is just one of the many ways that we do this. We will continually train on new strategies and tactics in order to more efficiently and safely protect the citizens of Fort Thomas.





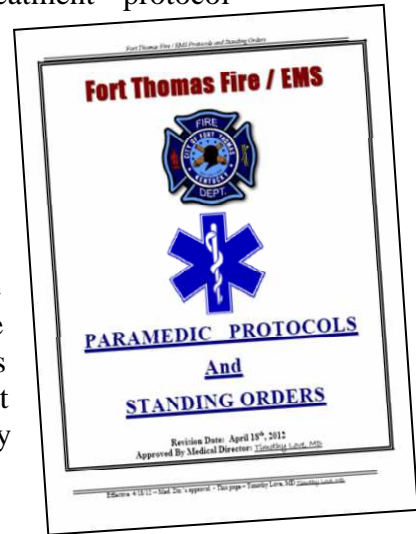
Emergency Medical Services – Capt. Jeff Parker, EMS Coordinator

Dr. Timothy Love, an emergency physician for St. Elizabeth Hospitals, continues to provide medical direction of our EMS system.

Fire Capt. Jeffrey S. Parker, BS, NREMT-P continued the assignment of EMS Officer. This includes all operational aspects, treatment protocol maintenance, training, infection control, liaison with reporting software provider, and the patient information privacy officer.

FF/P Mike Watson continued the assignment of managing all daily EMS supplies & equipment.

FF/P Chris Wulfeck continued the coordination of the public CPR instruction program. The program is in place to address the AHA's "Chain of Survival" that enhances a victim's survival rate from cardiac or respiratory arrest by allowing early access to EMS, and receiving early bystander CPR and rapidly delivered defibrillation.



Currently, all (19) of our personnel are Kentucky licensed paramedics. Ten (10) of our personnel are nationally registered paramedics – Capt. Parker, Lt. Carr, FF/Ps Daugherty, Rust, Scherpenberg, Watson, Bryant, Kaufman, Andrasik, and Behrle.

In 2015, the fire dept. had a total of (1942) calls for service including fire and EMS incidents. This was an average of 5.3 calls per day. There were (1482) EMS calls received at the station. This is a 10.2% increase over the previous year. EMS calls accounted for 76.3% of all calls for service in 2015. We responded to (172) runs outside of the city. We received EMS response from neighboring departments (194) times.

The medics performed a 12 lead EKG on (64) patients. The EMS Unit "Medic 680" with (2) paramedics were dispatched to a total of (1350) incidents through the year. This was an average of 3.7 per day. Of these (1178) were to locations within the city.

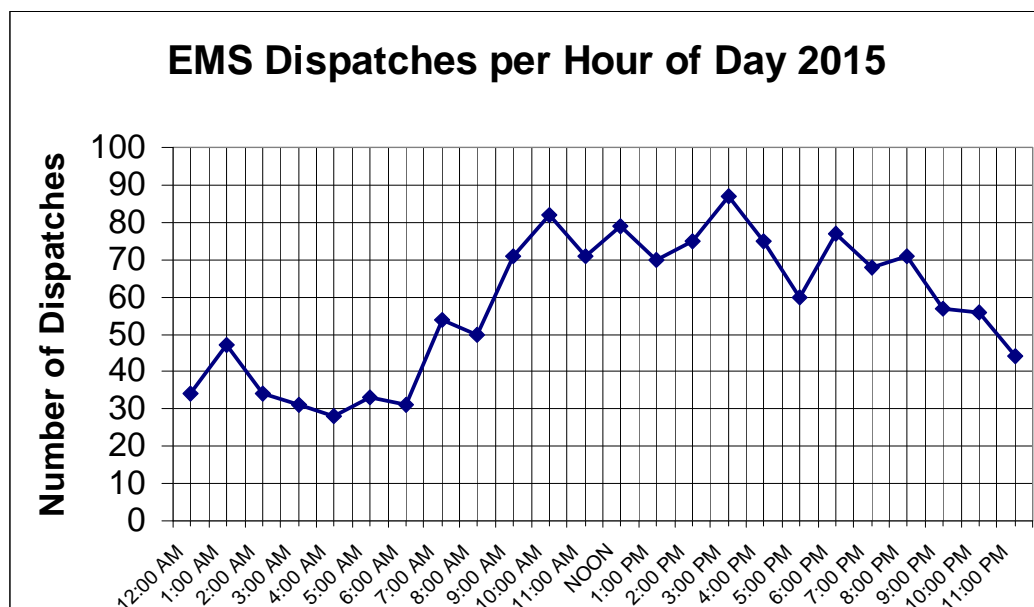
Included in all of the EMS dispatches, were (48) incidents that became “non-encounters” such as when the unit is cancelled prior to arrival, or the call was found to be false or no patient was found.

Of all the EMS patients that are transported, incidents dispatched to, about 58.9% are categorized as Advanced Life Support (ALS Levels 1 or 2). Of those, about 1.5% are categorized as ALS Level 2.

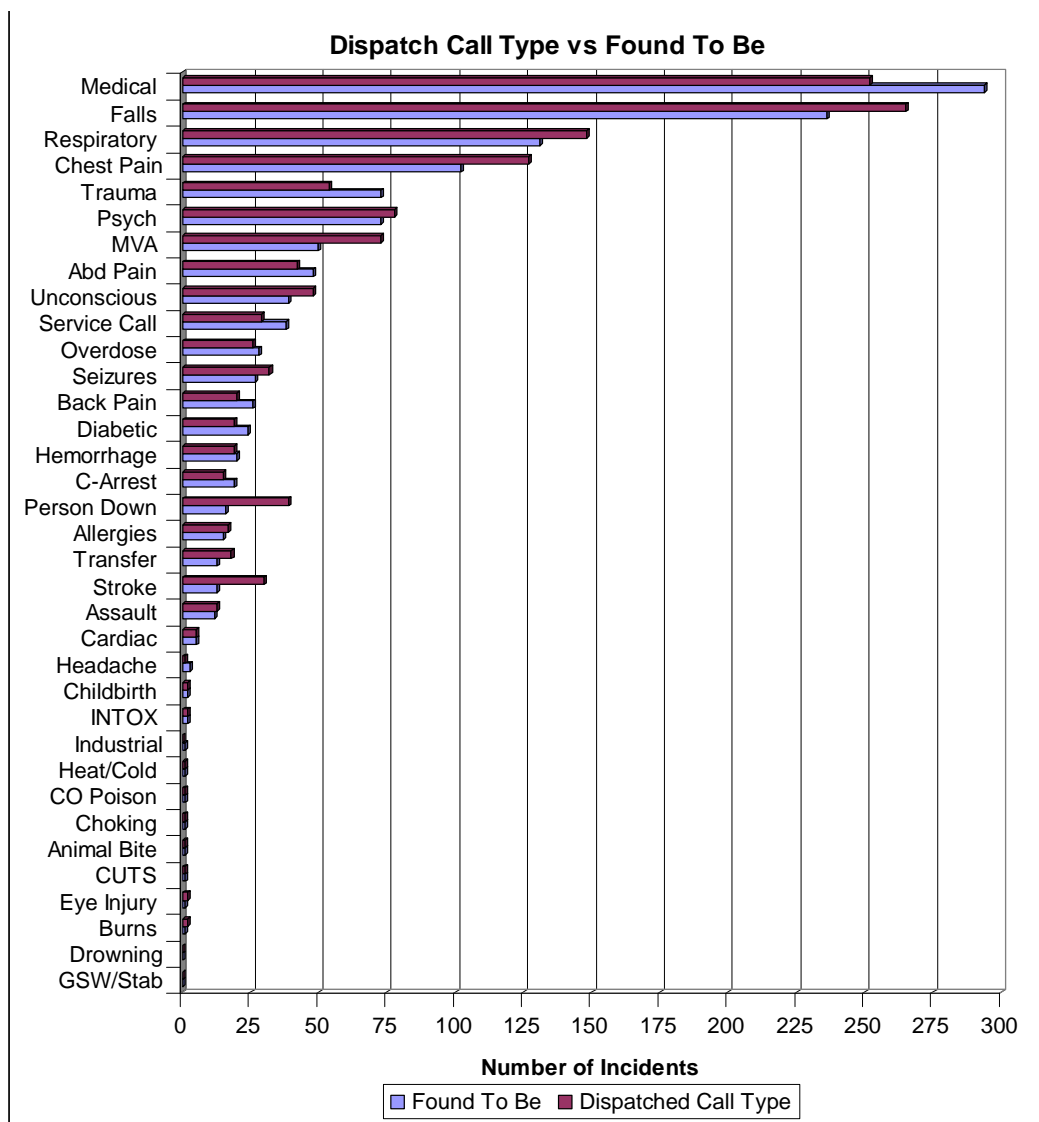


We were primary care for (1337) patients in 2015. The average age of patients was 71 years of age. We transported 1097 of the patients we evaluated to the hospital. We transported 91.1% of our patients to our local hospital, St. Elizabeth, Fort Thomas. Of the patients we encountered, (205) or about 15.3% elected to refuse transport to the hospital. Sixteen (16) patients were found to be deceased upon arrival.

TIME DURATION OF EMS RUNS –	
RESPONSE TIME – Average time from tone drop at station to arrival at scene.	6:00 mins
SCENE TIME – median time at scene (Scene arrival to leaving for the hospital)	13:0 mins
TRANSPORT TIME – median time from scene to hospital	4:00 mins
CARE & TRANSPORT TIME - time from arrival at scene to arrival at hospital	17:00 mins
RESPONSE CARE & TRANSPORT TIME - time from tone drop to hospital arrival	23:00 mins



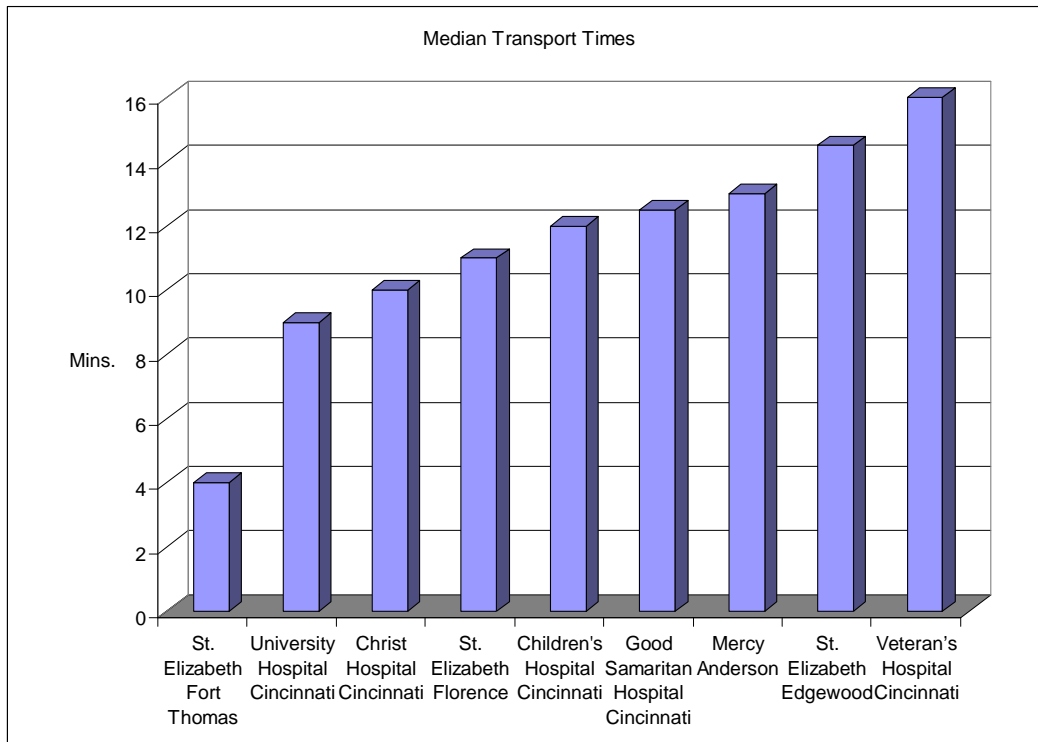
2015		Description	2014		2013	
Dispatch Call Type	Found To Be at Arrival		Dispatch Call Type	Found To Be at Arrival	Dispatch Call Type	Found To Be at Arrival
265	236	Falls	228	196	202	183
252	294	Medical	222	280	199	237
148	131	Respiratory	134	122	105	91
127	102	Chest Pain	121	95	109	94
78	73	Psych	61	59	54	49
73	50	MVA	62	51	49	42
54	73	Trauma	45	69	46	60
48	39	Unconscious	50	41	54	43
42	48	Abd Pain	40	45	36	40
39	16	Person Down	33	16	50	18
32	27	Seizures	42	33	37	29
30	13	Stroke	37	20	37	23
29	38	Service Call	50	43	42	45
26	28	Overdose	19	21	23	32
20	26	Back Pain	24	30	22	24
19	24	Diabetic	22	25	19	18
19	20	Hemorrhage	19	18	11	11
18	13	Transfer	6	5	8	8
17	15	Allergies	5	4	7	8
15	19	C-Arrest	16	14	13	14
13	12	Assault	10	8	17	18
5	5	Cardiac	4	4	7	7
2	2	INTOX	0	0	0	0
2	1	Burns	1	1	2	2
2	2	Childbirth	7	8	8	8
2	1	Eye Injury	0	0	1	1
1	1	CUTS	0	0	0	0
1	1	Animal Bite	4	5	1	0
1	1	Choking	5	5	3	1
1	1	CO Poison	1	0	1	0
1	3	Headache	4	6	2	4
1	1	Heat/Cold	1	1	3	3
0	1	Industrial	1	0	0	0
0	0	GSW/Stab	3	3	1	1
0	0	Drowning	0	0	1	1

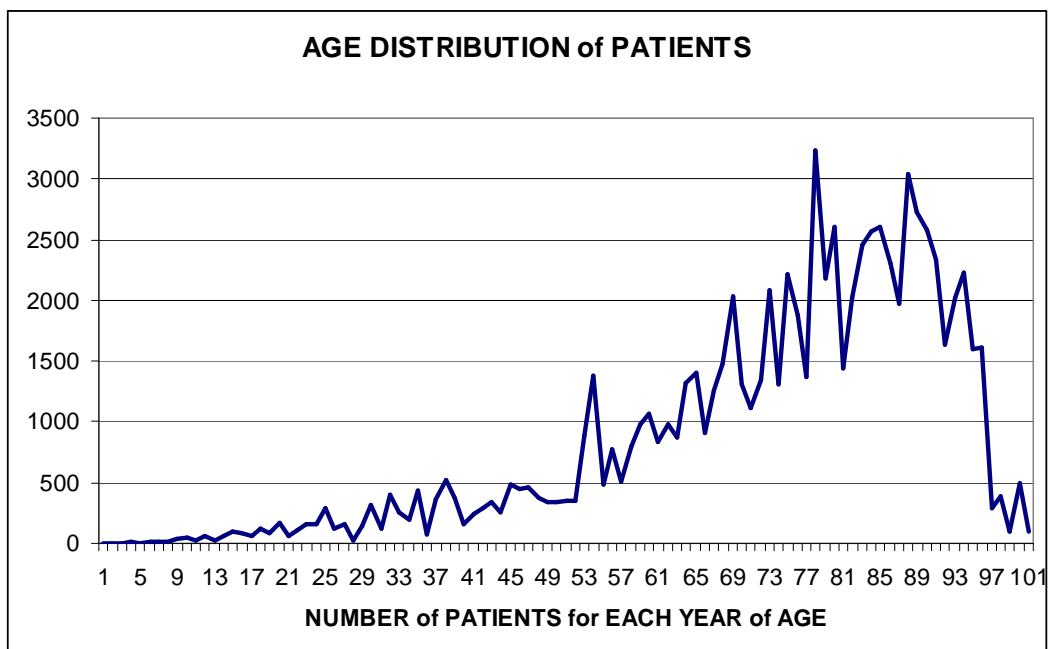
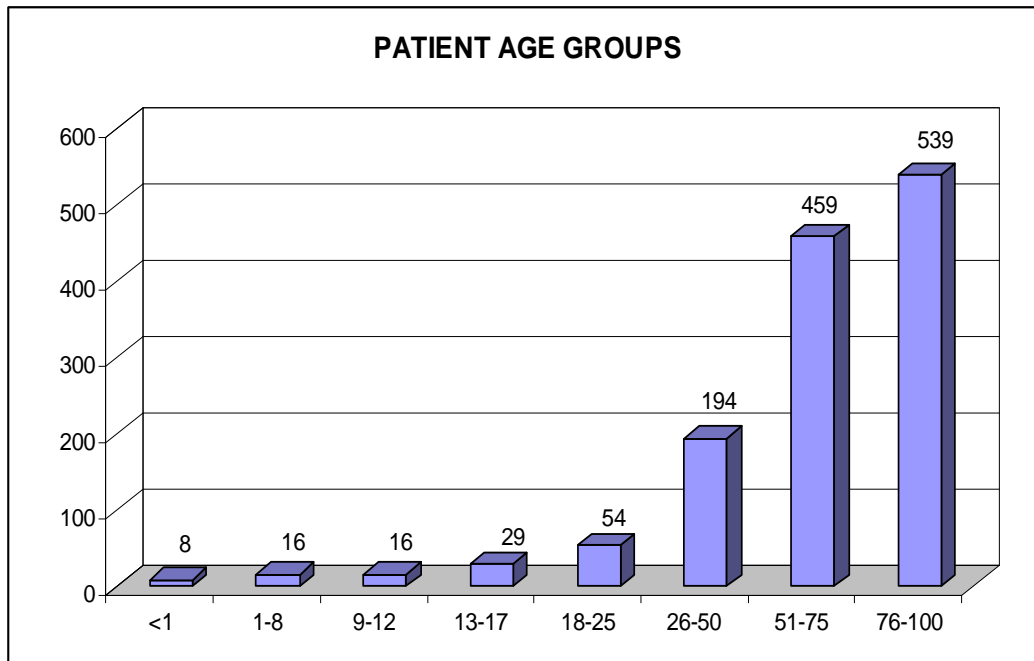


Ems Responses TO Outside Cities	2015
Dayton	76
Southgate	28
Highland Heights	27
Wilder	14
Cold Spring	9
Newport	8
Bellevue	8
Unincorporated Campbell County	1
Alexandria	1
TOTAL	172

Ems Responses FROM Outside EMS Units	2015
Southgate/Wilder EMS	105
Central Campbell FD	49
Newport FD	23
FD Bellevue/Dayton	17
TOTAL	194

NUMBER of TRANSPORTS and MEDIAN TRANSPORT TIMES (mins.)	2015		2014		2013
HOSPITAL DESTINATION	No of Runs	MINS	No of Runs	MINS	MINS
St. Elizabeth Fort Thomas	999	4	818	4	4
Children's Hospital Cincinnati	28	12	18	11	11
University Hospital Cincinnati	24	9	15	9	10
St. Elizabeth Edgewood	20	14.5	26	14	14
Christ Hospital Cincinnati	17	10	18	10	10
Mercy Anderson	3	13	4	13	8
Veteran's Hospital Cincinnati	3	16	0	N/A	14
Good Samaritan Hospital Cincinnati	2	12.5	3	17	14
St. Elizabeth Florence	1	11	0	N/A	24
MEDIAN FOR ALL TRANSPORTS				4	4





The department carries advanced life support equipment on the 2 engine companies as well as the ambulance, as well as a full complement of technology that is state of the art in prehospital emergency care. This includes the ability to monitor heart rhythms, obtain 12 lead EKGs of the heart, and transmit these readings wirelessly to the receiving facilities.

We can now obtain exhaled carbon dioxide values with waveform view. This enables us to readily detect ventilatory abnormalities and trending. We have the

ability to measure blood oximetry and levels of blood carbon monoxide if it exists. The department carries (5) defibrillators, (3) ECGs, (2) 12-lead ECGs, and (3) external pacemakers. This gives us the ability to provide defibrillation, synchronized cardioversion, and external pacing where needed. A cardiac monitor/defibrillator is carried on all vehicles except cars 650 and 631.

In 2015, 134 patients were monitored by electrocardiogram, and of these 68 patients, a highly diagnostic 12 lead ECG performed and interpreted by both our medics and the software built-in the device. This allows early pre-arrival notification of the hospital, and crucial data for decision making regarding the most appropriate hospital destination.

In performing advanced care, our paramedics started (213) intravenous lines, and administered the following medications to patients under direction either by standing orders in protocols, or direct orders from online medical control.

Medicine other than Oxygen	Number of Uses
Aspirin	40
Nitroglycerin	27
Duoneb Nebulizer	26
Epinephrine 1:10,000	22
Narcan	21
Fentanyl	20
Zofran	13
50% Dextrose	6
Amiodarone	5
Lasix	4
Morphine Sulfate	4
Albuterol Nebulizer	2
Glucagon	2
Oral Glucose	2
Versed	2
Ativan	1
TOTAL	197

An engine also responded by request of the ambulance on scene to assist at the scene and/or provide support enroute to the hospital (85) times.

An engine responded initially as first responder when the ambulance was not available or initially with the ambulance on (132) runs. This occurs on dispatches where the patient is reported as a non-breather, or other rescue/fire incidents such as motor vehicle accidents, carbon monoxide runs, etc.

An engine responded (31) times with the medic unit on motor vehicle accidents with injuries.

We continue to utilize Intermedix's *Triptix* software through ADPI for EMS reporting and invoicing. These reports are submitted electronically to the hospital prior to the ambulance leaving the facility. Dr Love, our medical director, is able to remotely review all reports online immediately upon completion. Comments can be made directly to the lead medic on the run.

EMS Personnel

Our personnel are required to continually re-train and renew their skills. This is accomplished through a combination of attending monthly departmental training, daily shift training, regional seminars, and also teaching.

In 2015, our personnel had an average of 12.2 years of experience at Fort Thomas, and a combined staff total experience serving the city of Fort Thomas of over 232 years.

We had personnel that reached various milestones in their careers at Fort Thomas in 2015.

Capt. Steve Lumppp had his 20 year anniversary.

FF/P Chris Rust had his 15 year anniversary.

FF/P Eric Scherpenberg had his 10 year anniversary.

Our personnel have attained various masters, bachelors, and associates degrees in formal education. The department is required to maintain various fire and medical certifications that must be renewed every couple of years. These include basic cardiac life support, advanced cardiac life support, EMT, & Paramedic. Other certifications are attained to enhance overall knowledge and upkeep of awareness of current methods, new trends, and enhancements to standards of care.

Personnel are encouraged to continually seek educational opportunities and teaching is also an effective method of sharpening knowledge and skills.

EMS SEMINARS ATTENDED OUTSIDE THE DEPARTMENT - 2015

In February & March, all personnel attended all or portions of a 48 hour Paramedic Refresher class sponsored by Hebron, Ky. Fire Dept.

In February, Capt. Parker, FF/Ps Wulfeck, Rust, Stuart, Scherpenberg, Edmondson, & Kaufman attended Christ Hospital's "FETCH" EMS Conference.

In May, Capt. Parker, Lt. Boothe, FF/Ps Stuart, & Rust attended the EMS Midwest Conference at the Great Wolf Lodge Mason, Ohio. Put on by University Hospital, Air Care, and Children's Hospital.

In September, FF/Ps Rust, & Scherpenberg attended the Greater Cincinnati Stroke Consortium Stroke Symposium provided by St. Elizabeth Hospitals at Wilder, Kentucky.

In September, FF/P Bryant attended the Kentucky EMS Conference and Expo, in Lexington, Ky. Provided by KBEMS.

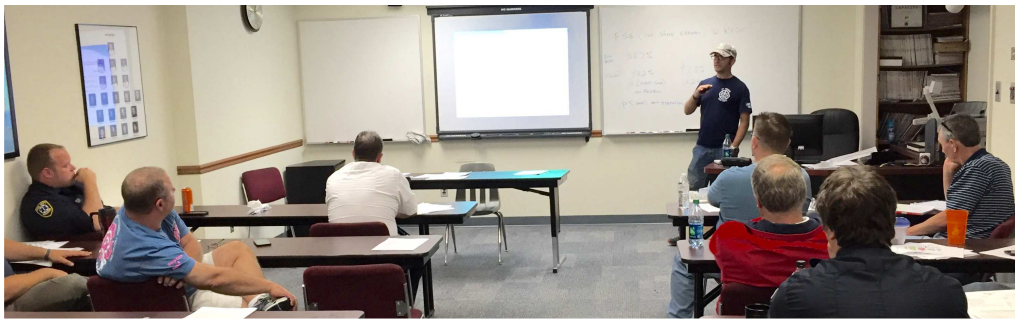
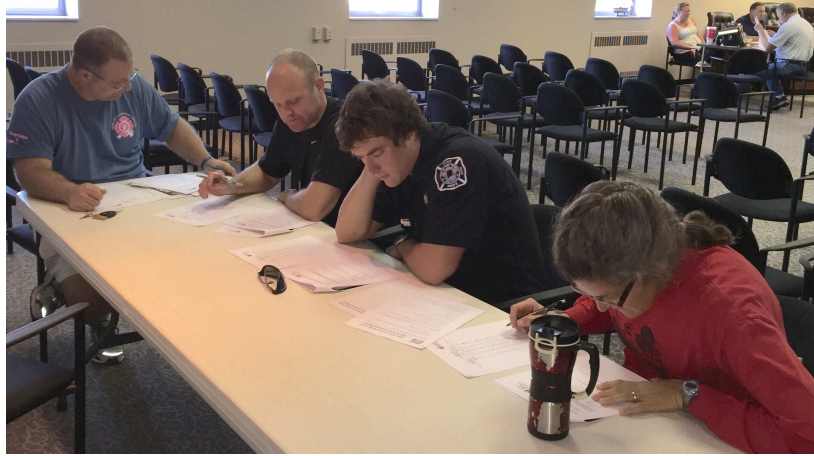
In September, FF/P Wulfeck attended the Independence Fire District N KY EMS Weekend SEMINAR in Edgewood, Ky.

EMS TRAINING	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Total Members' Hours of EMS TRAINING	1061.3	530.5	1113.8	530.5	552.3	683.0	719.0	587.3	776.0	713.0
Total Members' Hours From Monthly Departmental EMS Training	389.7	229.3	484.8	316.5	338.5	409.0	415.0	336.6	585.0	402.0
	36.7%	30.0%	43.5%	59.7%	61.3%	59.9%	57.8%	57.3%	75.0%	56.0%
Other Total Members' EMS Training Hours	671.6	534	629	214.0	213.8	274.0	304.0	250.8	191.0	311.0
	63.3%	60.0%	56.5%	40.3%	38.7%	40.1%	42.2%	42.7%	25.0%	44.0%
Average EMS Training Hours per Member	55.9	40.2	58.6	27.9	29.1	35.9	37.8	30.9	40.8	37.5



AHA ACLS Class October 2015



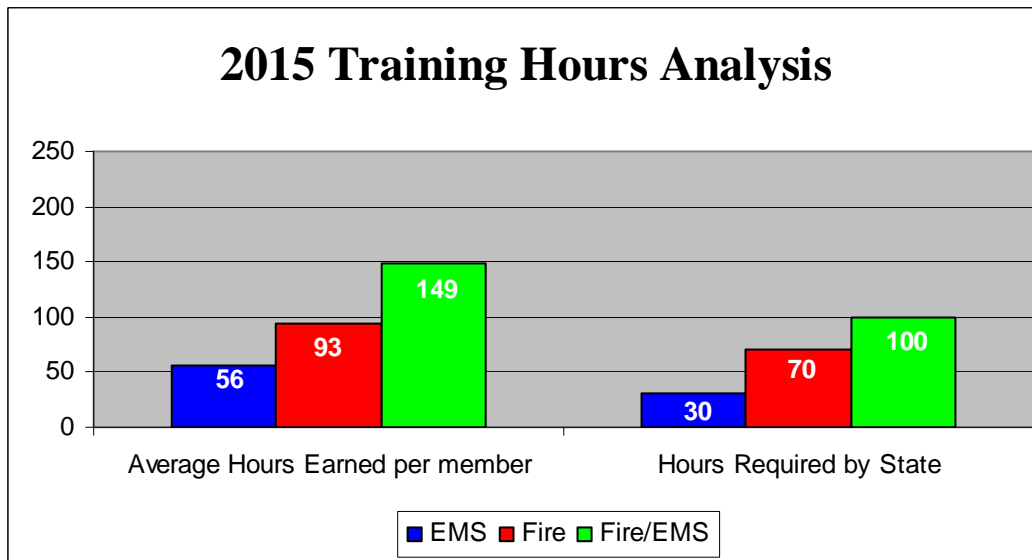
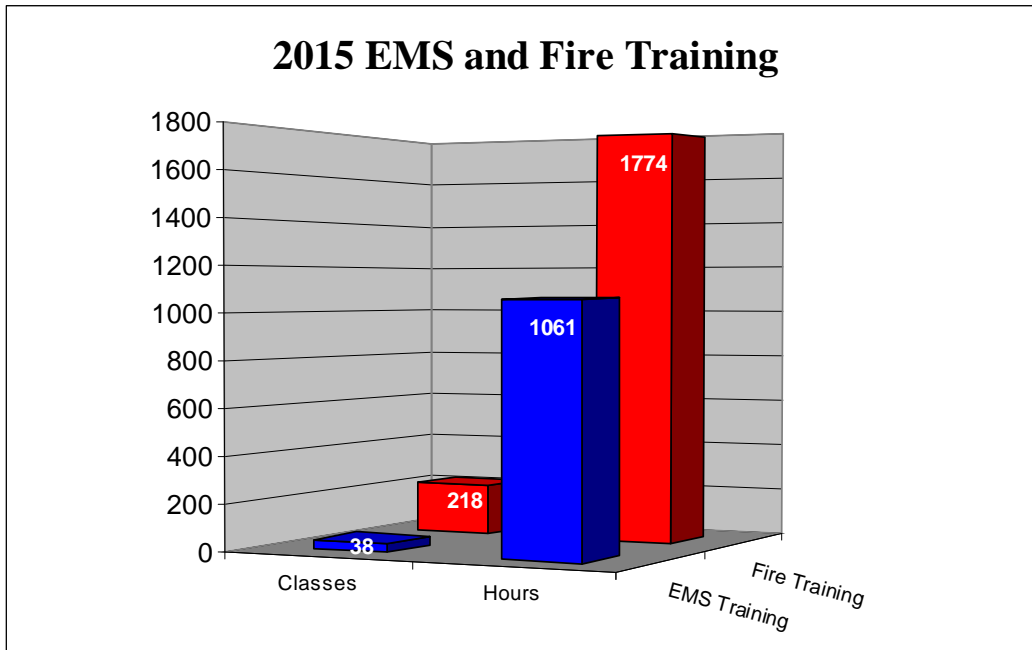




SUMMARY OF MONTHLY DEPT. EMS CLASSES IN YEAR 2015

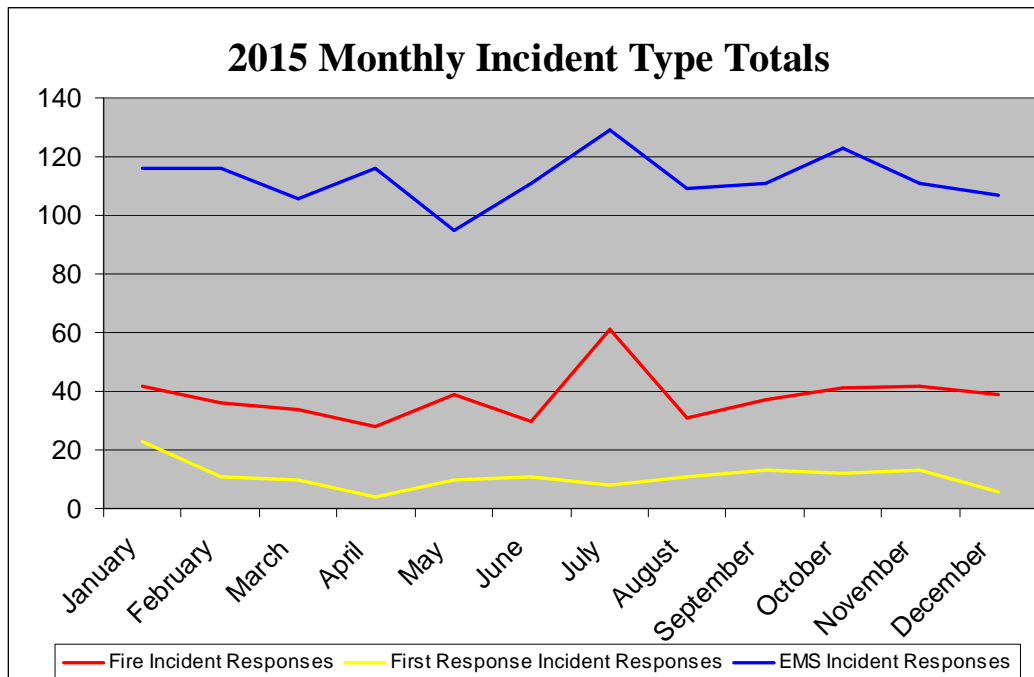
Date	Instructor(s)	Subject
1/21/15 2.0 Hrs	FF/P Matt Stuart FF/P Eric Scherpenberg	Intro to Paramedicine, EMS Systems, Roles and Responsibilities of the Paramedic, Safety and Wellness, Ground Ambulance Operations, and Trauma and Trauma Systems.
2/18/15 2.0 Hrs	Capt. Jeff Parker, EMS Officer	Public Health & EMS, Medical/Legal Aspects of Prehospital Care, & Ethics in Paramedicine.
3/18/15 2.5 Hrs	Capt. Jeff Parker, EMS Officer	IV and IO techniques and insertion class room and hands on with IV Arm, Drug calculations.
4/15/15 2.0 Hrs	FF/P Daugherty FF/P Eric Scherpenberg	Airway Management, Ventilation, and Pathophysiology. Reviewed relevant FTFD Paramedic Protocol Reviewed airway equipment with class class practice using the equipment.
5/20/15 2.0 Hrs	Capt. Jeff Parker, EMS Officer	Scene Survey, Patient assessment in Field, Primary Survey, Secondary Survey, History Taking, & Therapeutic Communications.
6/17/15 2.0 Hrs	Capt. Jeff Parker, EMS Officer	Reviewed spinal immobilization issues. Discussed operational issues, and reviewed several scenarios.
7/15/15 2.0 Hrs	Lt. Tammy Webster	Hands-on skills were practiced including, scene survey, patient assessment, airway, spinal immobilization, and hare traction splint.
8/19/15 2.25 Hrs	FF/P Matt Stuart	Neurology, Immunology, and Gastroenterology. Reviewed relevant protocols including CVA, Spinal Immobilization, Head Trauma, and Anaphylaxis/Allergic Reaction.
9/16/15 2.0 Hrs	Lt. Steve Rath	Urinary and Renal System Emergencies, Toxicological Emergencies
10/21/15 9.0 Hrs	Capt. Jeff Parker, EMS Officer Class Coordinator, ACLS Inst., Dr. Tim Love, Medical Director, ACLS Inst., Lt. Steve Rath, ACLS Inst., FF/P Matt Bryant, ACLS Inst., FF/P Chris Wulfeck, CPR Class Lead Capt. Steve Lump,pp, Eric Scherpenberg, Lt. Tammy Webster, Chris Rust, Rick Daugherty, Mike Watson, & Matt Stuart.	American Heart Association - Advanced Cardiac Life Support Recertification Class, & American Safety & Health Institute - Healthcare Provider CPR Recertification Class. (Every 2 Years) Additional relevant topics listed below were also reviewed. 2015 AHA updates that were released on 10/15/15. Intro/Overview, BLS & ACLS Surveys, Changes, Algorhythms, Universal Arrest, VF/VT, Arrhythmias, 12 Lead ECG, Axis Deviation, Airway Control & Vent, CPR for Adult Pedi Infant, Tachycardias – Stable/Unstable, Acute Coronary Syndromes, Bradycardia/PEA/Asystole, Megacode & Team Resusc., Ethics, Meds, Post-Arrest Care, Cardiac Arrest & Special Circumstances (Hs & Ts Expanded), Cardiac Arrest with - Life Threatening Electrolyte Disturbances, Hypothermia, Trauma, Cardiac Tamponade, Drowning, Morbidly Obese, Toxicological, Pregnancy, Pulmonary Embolism, Electric Shock/Lightning Strikes, Asthma, Anaphylaxis. Rotation thru several group hands-on scenario driven stations: Mega code, 3 lead and 12 lead static ECG, Airway adjunct, Infant, child, adult CPR. All students took ACLS/CPR written exam.
11/18/15 2.0 Hrs	Josh Ishmael, EMS Coordinator, St Elizabeth Hosps.	Infectious Disease and Sepsis. Reviewed protective equipment indications as well.
12/16/15 2.0 Hrs	Capt. Jeff Parker, EMS Officer	Eye/ear/nose/throat and blood

STAFF DEVELOPMENT CONTINUED



As you are aware, we have requirements from the state for both Fire and EMS hours of training. Above you see we easily meet the requirements from the state for continuing education in both professions.

FIRE INCIDENT RESPONSE DATA

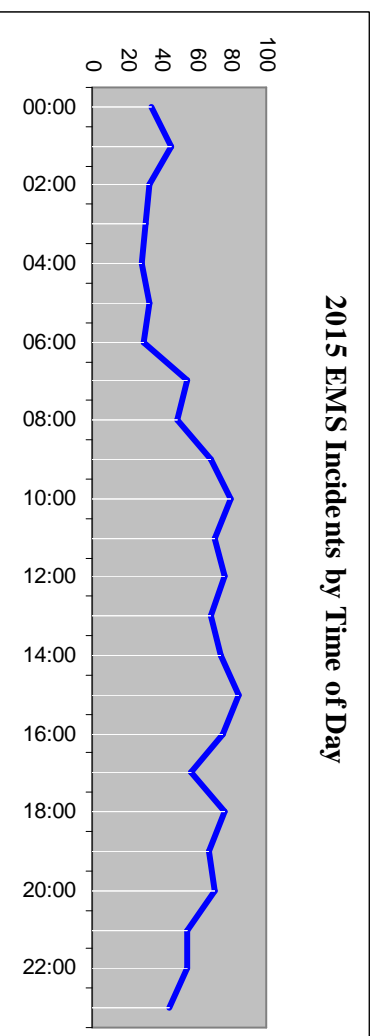
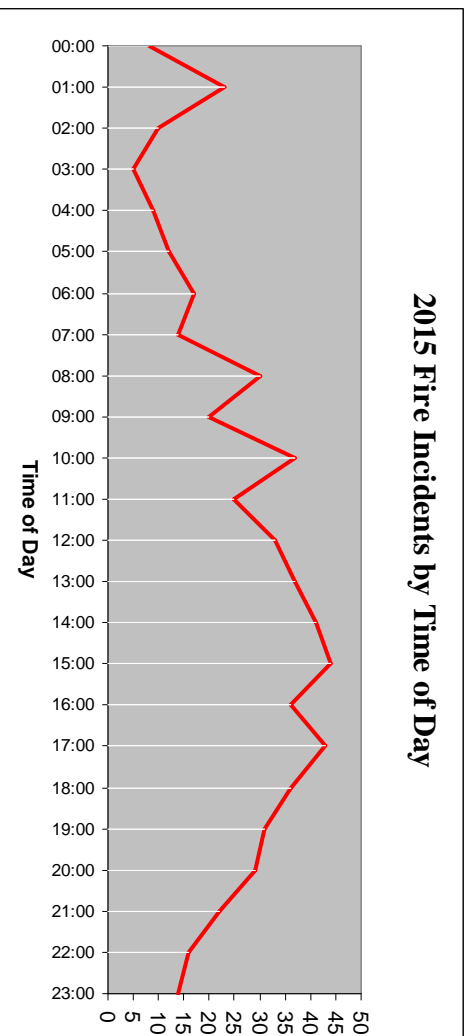


The graph above illustrates the number of responses per month by designated type for 2015. The yellow line represents first response runs, indicating our life squad was already out on another run. The red line represents fire/incident runs and the blue line represents life squad runs.

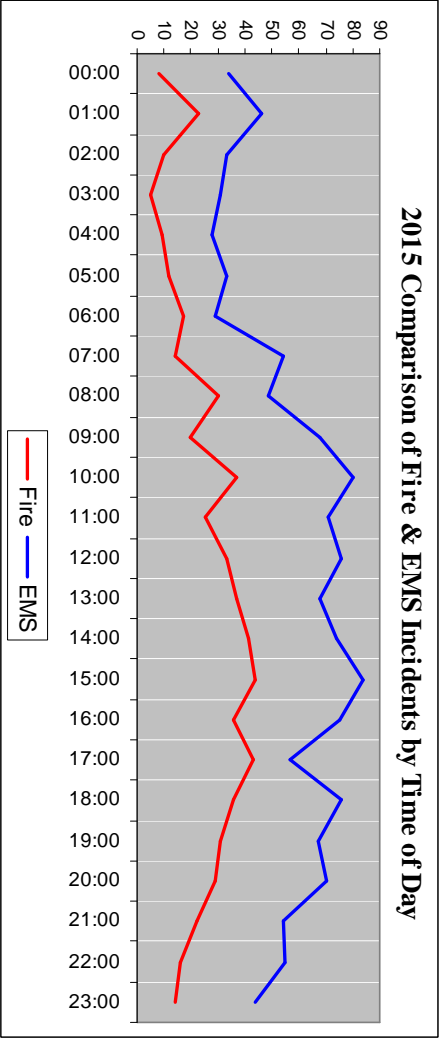
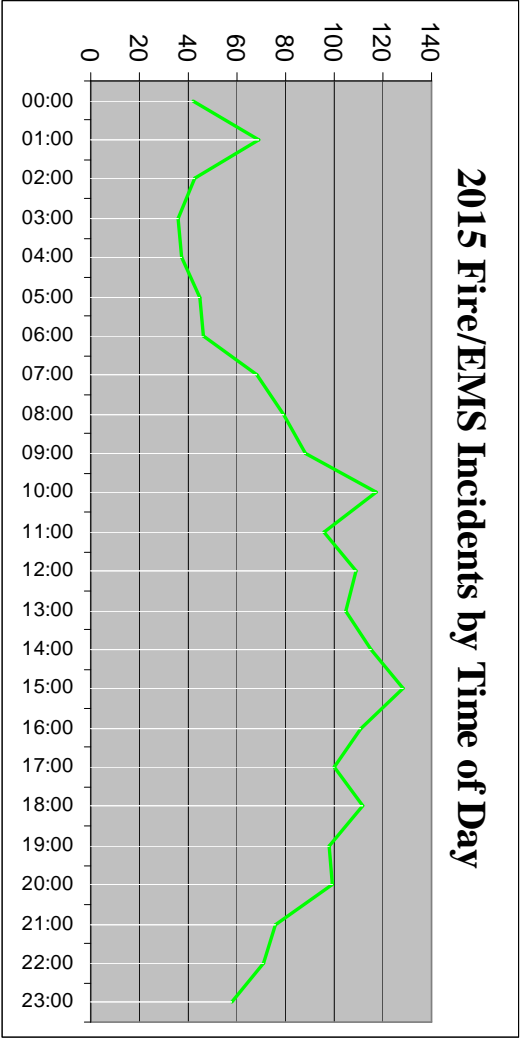
It is noteworthy that our run volume is fairly consistent with a slight peak in the summer months.

The next graph demonstrates all calls for service, fire/incident, first response and EMS by the time of day. This answers a question often asked about the busiest time of day for the fire department. Unlike 2014, we did see peak times in 2015 around 3:00 pm and 5:00 pm.

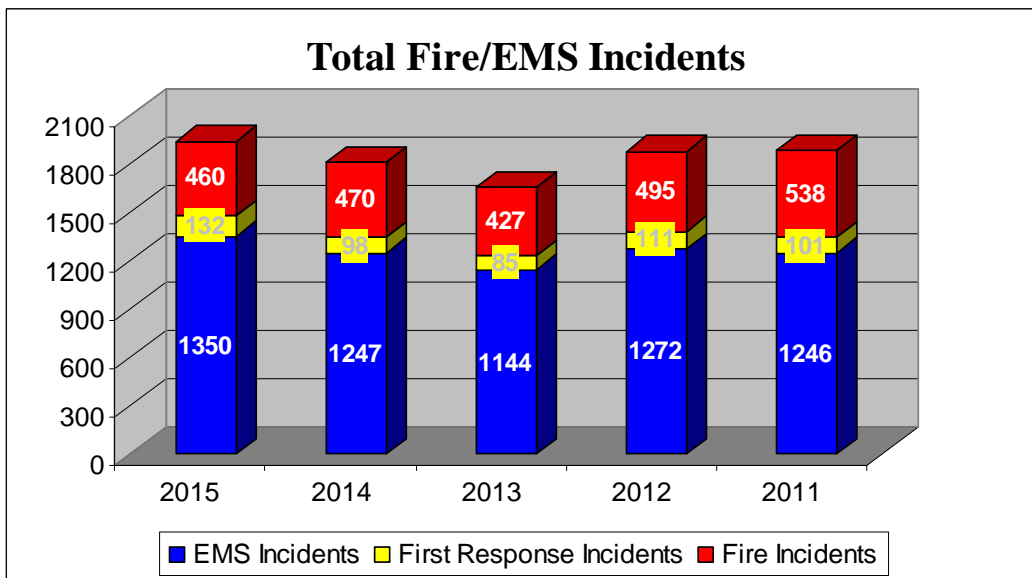
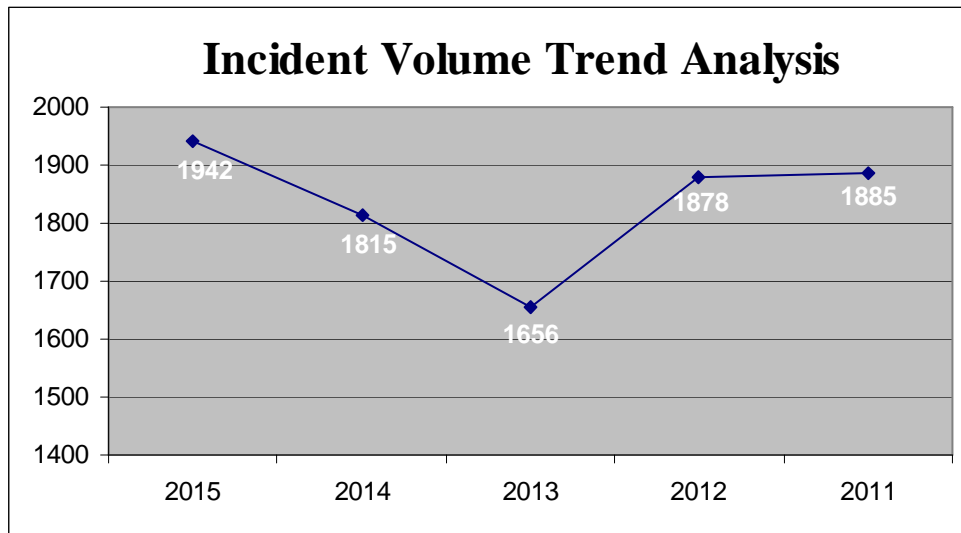
FIRE INCIDENT RESPONSE DATA(CONTINUED)



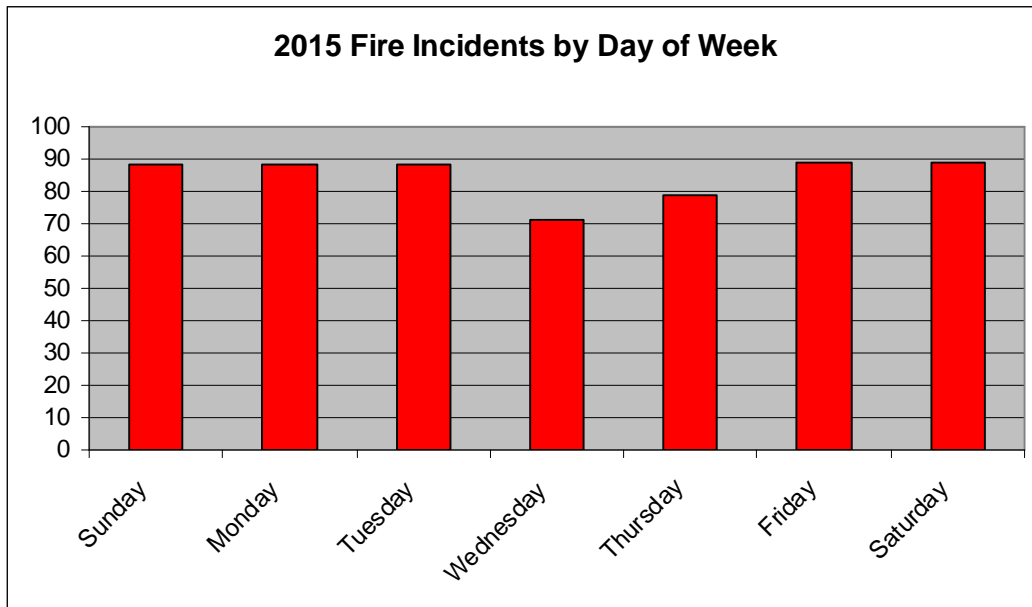
FIRE INCIDENT RESPONSE DATA(CONTINUED)



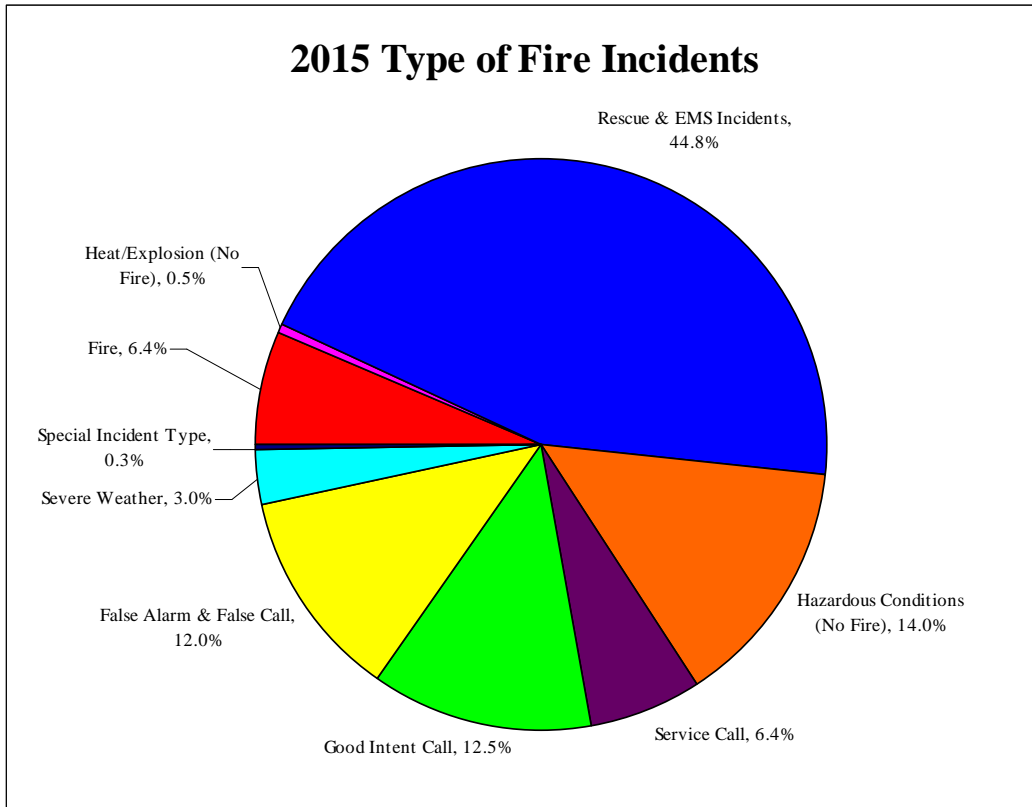
FIRE INCIDENT RESPONSE DATA(CONTINUED)



FIRE INCIDENT RESPONSE DATA(CONTINUED)



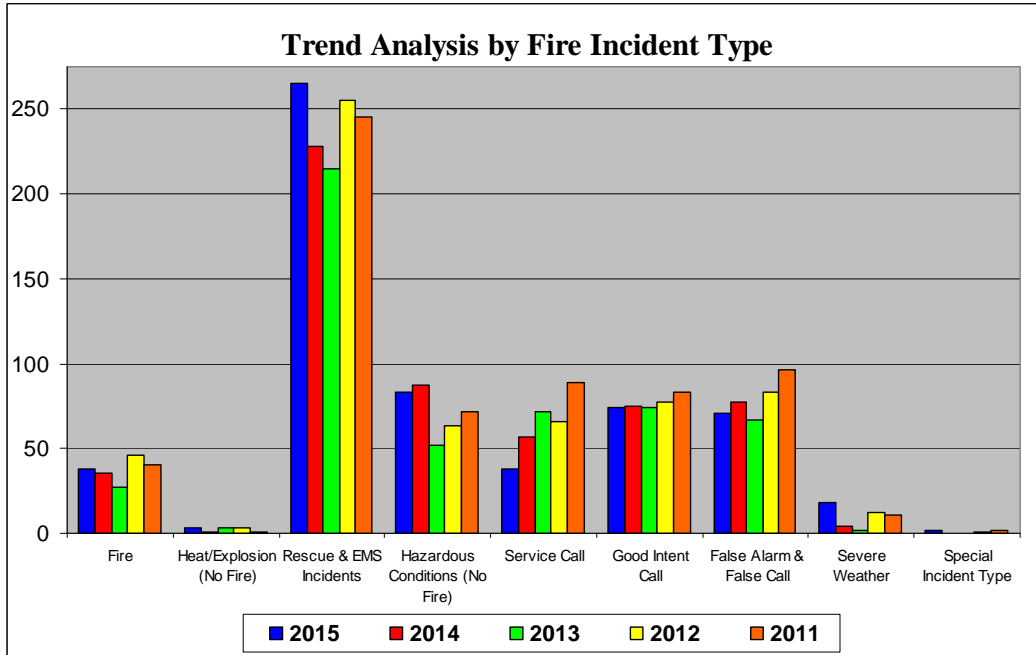
FIRE INCIDENT RESPONSE DATA(CONTINUED)



	2015	2014	2013	2012	2011
Fire	38	35	27	46	40
Heat/Explosion (No Fire)	3	1	3	3	1
Rescue & EMS Incidents	265	228	215	255	245
Hazardous Conditions (No Fire)	83	87	52	63	72
Service Call	38	57	72	66	89
Good Intent Call	74	75	74	77	83
False Alarm & False Call	71	77	67	83	96
Severe Weather	18	4	2	12	11
Special Incident Type	2	0	0	1	2

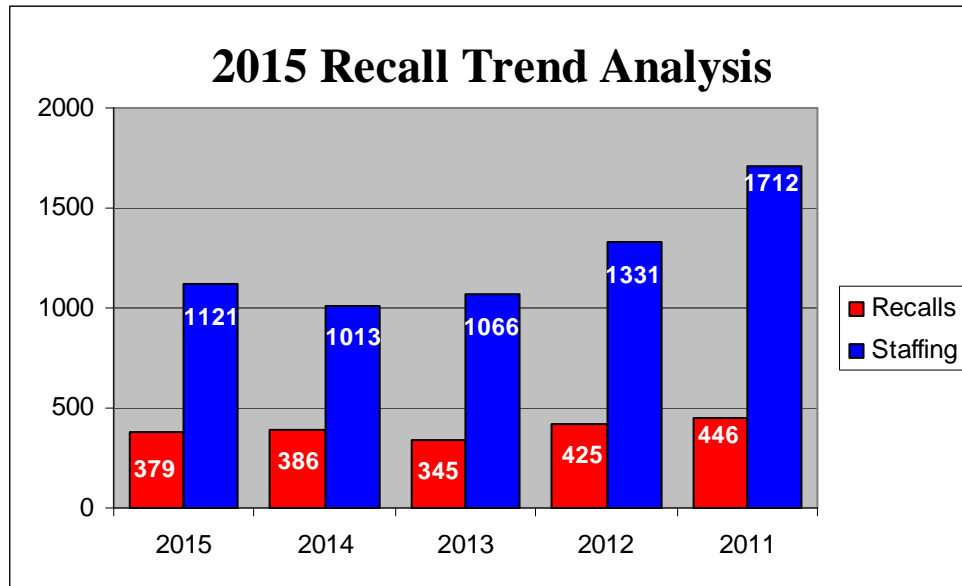
FIRE INCIDENT RESPONSE DATA(CONTINUED)

It is certainly noteworthy, that in the Fire/Incident category, 265 responses were listed as Rescue/EMS. These runs are primarily motor vehicle, first response runs or other types of accidents that require additional staffing and equipment to resolve. False alarms include alarm system activations that were accidental and not necessarily malicious in nature.



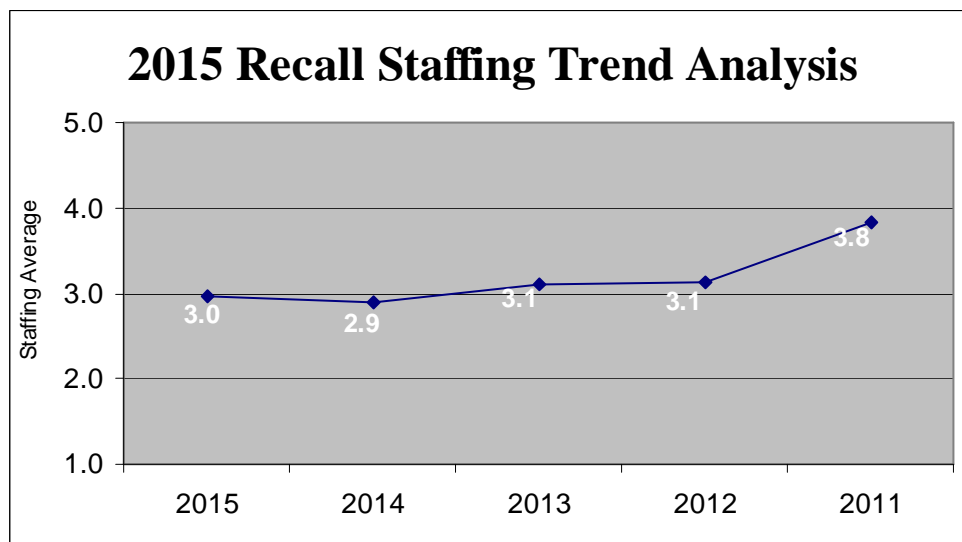
The chart above represents the increase or decrease in particular incident categories over the past five years.

FIRE INCIDENT RESPONSE DATA(CONTINUED)

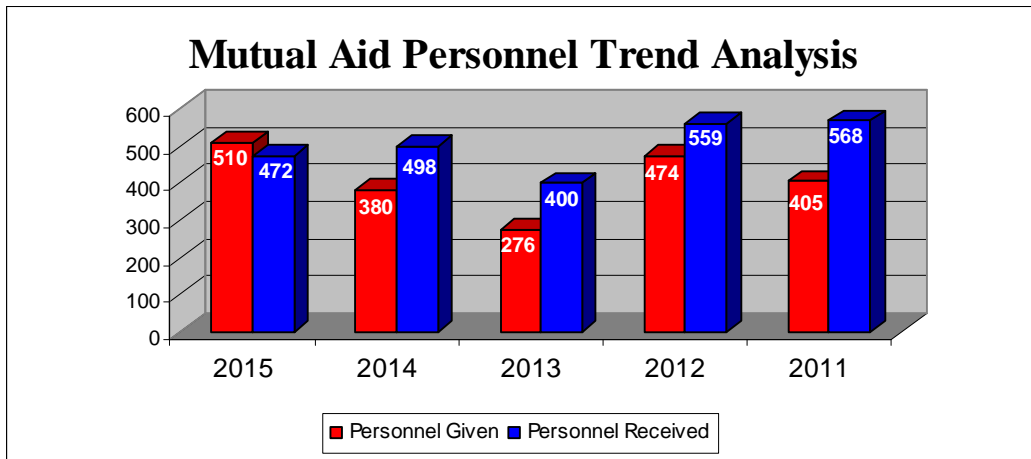
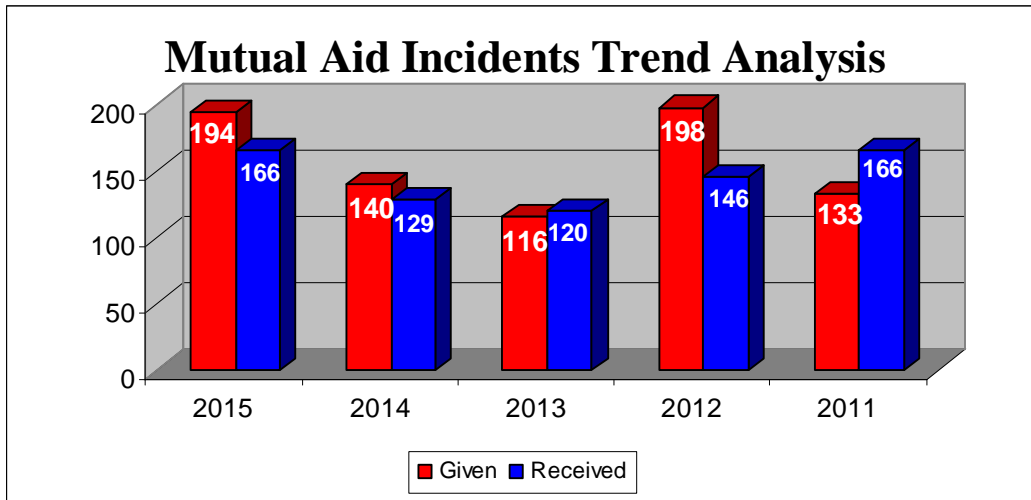


Response of Off-Duty Personnel

The number of firefighters returning when recalled is important to the firefighting ability of our department. This graph shows in 2011 – 3.8, 2012- 3.1, 2013 - 3.1, 2014 – 2.9 and 2015 – 3.0. It is important for this trend to continue for the safety of everyone involved.



FIRE INCIDENT RESPONSE DATA(CONTINUED)



Mutual Aid

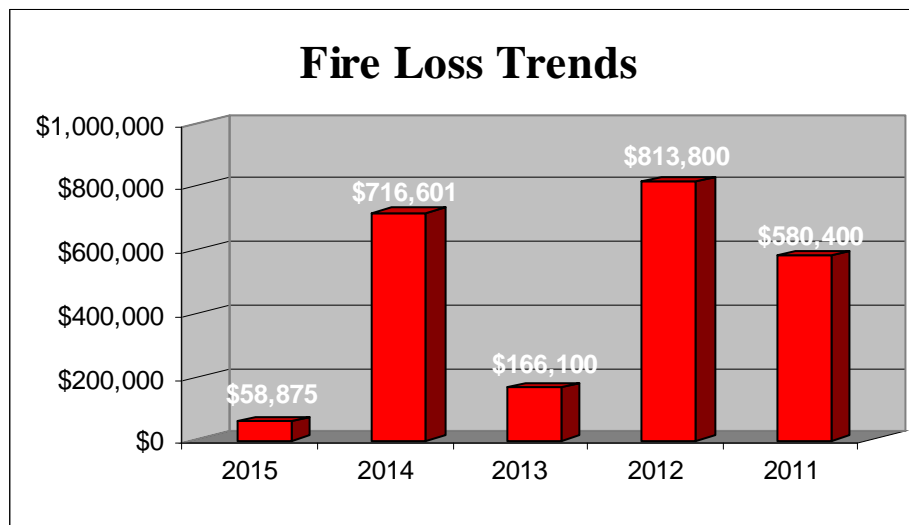
Mutual Aid continues to be an important aspect of providing quality and efficient services to our community. We rely on our neighbors, particularly Bellevue-Dayton, Central Campbell, Newport and Southgate to assist us under the following circumstances:

FIRE INCIDENT RESPONSE DATA(CONTINUED)

- Working Fires
- Large Scale Incidents
- Multiple Runs
- Automatic Response
- Units Out of Service
- Multiple EMS Runs

These graphs are reflective of our high usage of automatic response from other departments to alarms that require a first-in response greater than our on-duty capability, such as St. Elizabeth-Ft. Thomas Hospital.

Fire Loss

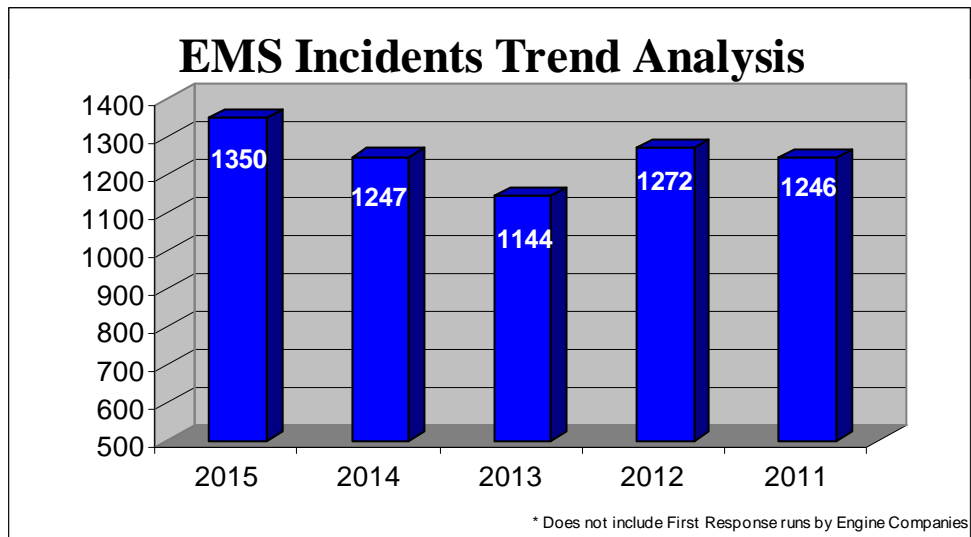


The chart above looks at the total annual fire loss over the past five years. A single large-loss fire dramatically impacts annual fire loss in our community. I am happy to report 2015 was the lowest fire loss for our community within the last five (5) years.

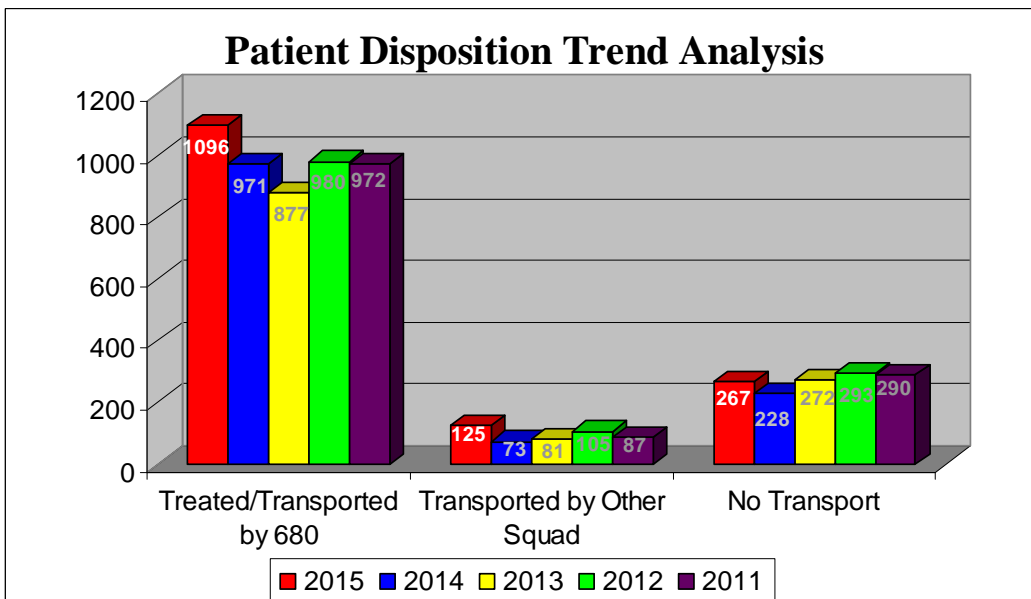
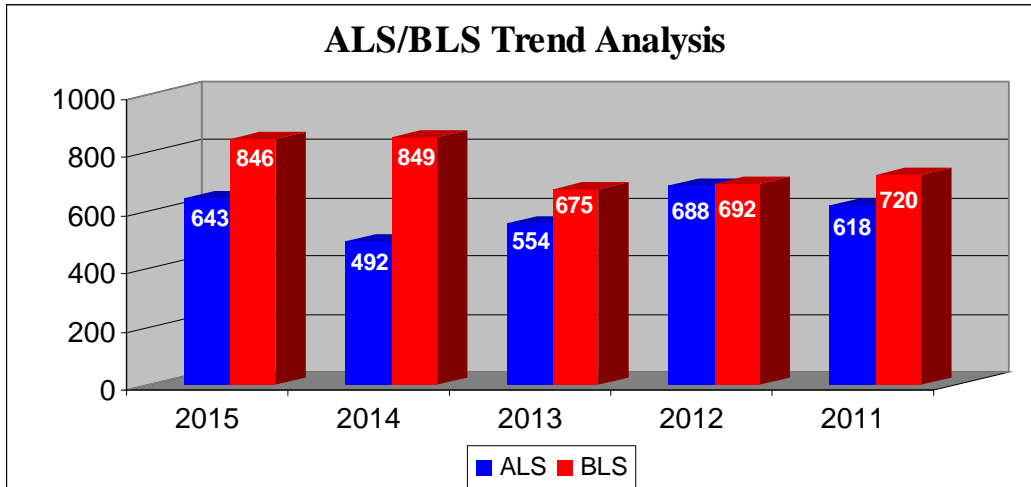
EMS RESPONSE DATA

Emergency Medical Service Response

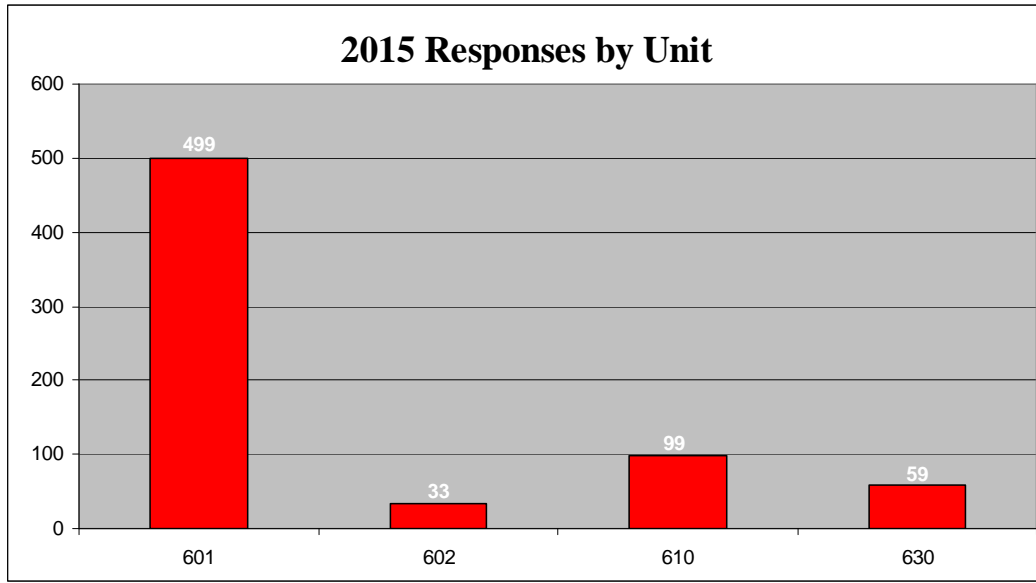
The following charts depict EMS runs in a variety of ways over the last five years. Specifically, in 2015, our department made 1350 EMS runs as opposed to 1247 made in 2014.



EMS RESPONSE DATA(CONTINUED)



EMS RESPONSE DATA(CONTINUED)



Graphs assembled by Captain Steve Lumpp

HYDRANT DATA 2015 – FF/P Josh Edmondson

In the City of Fort Thomas there are now 553 fire hydrants. The Fire Department works with the N. Ky. Water District to insure the availability of water for fire suppression.

In 2006 the Fire Department started a program to increase our water supply and maintain our hydrants up to NFPA guidelines. We continued this program of flow testing 20% of our hydrants each year in the spring. This means every 5 years all hydrants in the City will have been flow tested by the Fire Department. This is in addition to the Water district doing their own testing yearly.

This summer the Fire Department with the help of the Campbell County Detention center has been able to paint all of our hydrants yellow prior to our flow testing and winterization so that we could update our color coding and to locate new hydrant locations.

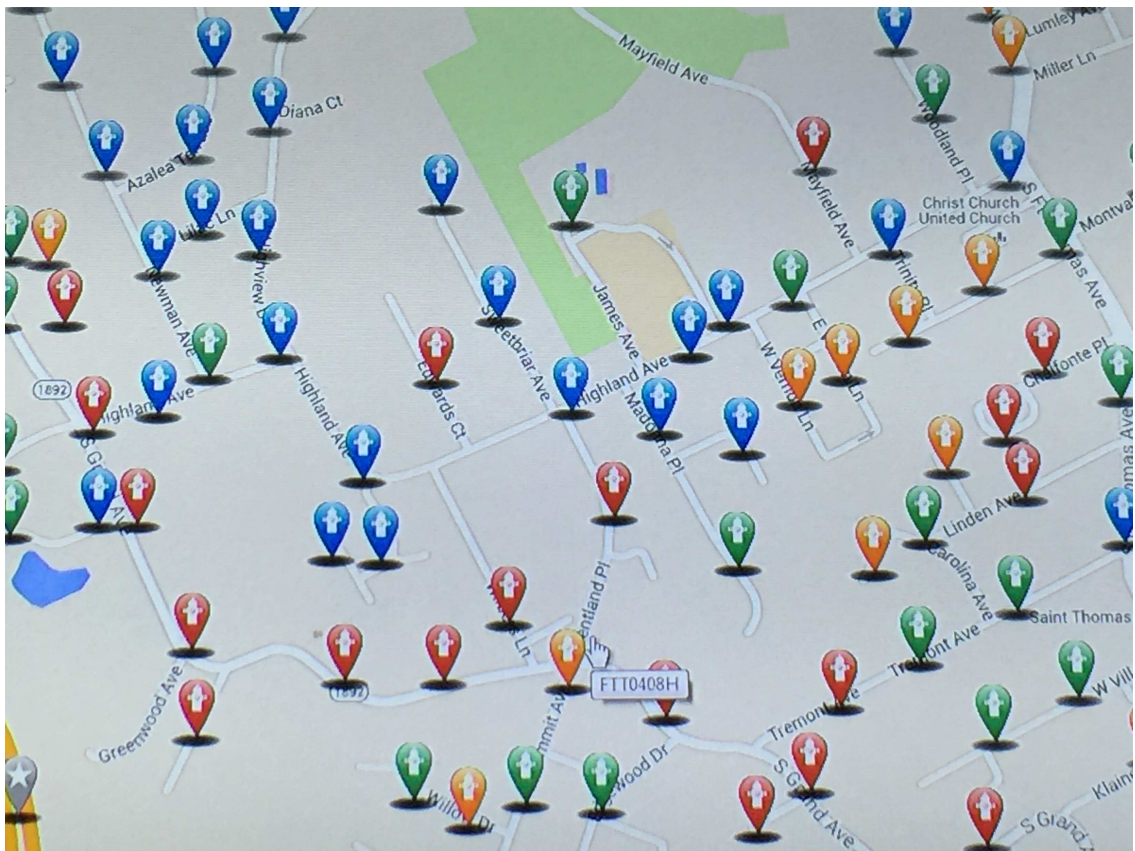
All of our hydrants are color coded according to Gallons per minute flow

- A) Blue on hydrant means flows over 1500 GPM
- B) Green on hydrant means flows 1000-1500 GPM
- C) Orange on hydrant means flows 500-1000 GPM
- D) Red on hydrant means flows 0- 500 GPM

The marking of the hydrants means a great deal for responding fire units to have quick visual of the best water possible for fire attack. This year we have been able to create a GPS Look up map in our Active 911 program so that we can see an overlay of hydrant locations and water availability on every run in our city as it is dispatched.

During the flow testing we have found problem areas that we have addressed, and the Water District has been very helpful. This year they were able to relocate the hydrant on Greene Street and run a larger supply line to connect the water mains from South Fort Thomas Ave to Cochran Ave in front of the Museum. The Water District was also able to replace a trouble hydrant for us on the corner of Highland and Grand Ave. during the State Road Departments construction of improved crosswalk ramps.

In addition to flow testing the Fire Department winterizes the hydrants in the fall, this year we also color code them with reflective tape.





Fort Thomas Firefighters Association
I.A.F.F. Local 1928
P.O. Box 750003
Fort Thomas, KY 41075

February 25, 2015

Chief Mark Bailey
City of Ft. Thomas
Fire Chief
130 North Fort Thomas Avenue
Ft. Thomas, KY 41075

Chief Bailey,

I am proud to say the membership of Local 1928 continued their commitment to be “fit for duty” in 2015. We are pleased to have the ability use the fitness room in the city building and appreciate the city’s continued commitment to this area and/or program.

The commitment for our members to be physically fit takes many different forms. Some of our staff use professional programs like P90X, and TRX while others are using programs designed by staff of the fire department or programs they research and choose.

We continue our quest to be physically fit off duty as well. We had members compete in numerous fitness events like the Battle Frog, Tough Mudder, Flying Pig Half Marathon, Flying Pig relay, the Beer Run, and the Color Run and numerous other 5K races.

Two of our members have realized significant gains in their fitness levels. Although, they started with a good baseline level of fitness, they began following a customized program and have seen huge gains in all aspects of fitness all within just a few months. Another member decreased his cholesterol level 75 points in two months *without* medication. He attributes this to improved diet and a more consistent workout plan.

Countless hours were spent both on and off duty in 2015 to ensure that we are “fit for duty.” Rest assured that we will continue to do the same in 2016.

Respectfully,

Tammy Webster
President
Ft Thomas Firefighters
I.A.F.F. Local 1928