

Bellbrook Fire Department

2015 Annual Report





CITY OF BELLBROOK FIRE DEPARTMENT



To the Mayor, Council and Bellbrook community,

On behalf of all of the members of the Bellbrook Fire Department, I am pleased to present to you the fire department's 2015 annual report.

The year 2015 continued to see the Department implement improvements to enrich the fire and emergency services delivery to the Citizens Bellbrook of Bellbrook. These improvements are the result of the staff's dedication and commitment to making the Bellbrook Fire Department one of the best departments in the area.

The Fire Department was busier than ever with requests for our services increasing from 567 responses in 2014 to 745 this past year. This represents a 31% increase and is the highest number of responses for the department in the previous 5 years. This increase was caused by many factors but the majority can be attributed to an increase in the number of calls for assistance to neighboring communities.

In the past year, Department members successfully completed several key projects. A committee was formed from a cross section of department members to evaluate and assess a variety of medic manufacturers to replace a 2004 model. Once they determined the best manufacturer, the committee worked hard to configure the vehicle layout and options to best serve our needs. The result was a medic that provides both functionality and serviceability for now and into the future. A new vehicle wasn't the only changes to our EMS services this year. In an effort to make patient reports more streamlined, with faster input and more accuracy, the department purchased two lap top computers for each of our front line medics. These computers along with our reporting software now allow providers to input data while on scene, while transporting to the hospital or once in the emergency room. With touch screens, drop down menus and customizable fields, crews can now input information on each run much faster and capture more data than ever before. The year 2015 was also a year in which the Insurance Services Organization or I.S.O. came to the Department for a site visit. The Insurance Services Organization evaluates and rates fire departments across the country on their overall fire suppression activities. They then score fire departments on a 1 to 10 scale with a 1 being the best. This rating is used by insurance companies, when determining the cost of both commercial and residential property insurance. Bellbrook Fire Department received a 3 on its last evaluation which is very good. This time, due to some operational changes, the Department improved to a rating of 2. This rating puts the Bellbrook Fire Department in the top 3% of the 48,754 I.S.O. has evaluated across the country in regards to its fire suppression.

I would like to again thank the Mayor, council and the community for their support during this past year. In addition, I'd like to thank all the dedicated, exceptional, Fire Department professionals who made these improvements possible and continue to be committed to making the Bellbrook Fire Department an outstanding fire service organization.

Sincerely,

James E. Neidhard

Fire Chief



CITY OF BELLBROOK FIRE DEPARTMENT



Year 2015 General Information

The Bellbrook Fire Department is a combination department with 7 full-time, 14 part-time employees, 5 volunteer members and 7 resource members

The fire services provided to citizens of Bellbrook recently earned a Class 2 Public Protection Classification (PPC), placing the community in the top 3 percent of those evaluated.

The department operates 2 Engines; 1 Ladder Truck; 1 Rescue; 3 Medic Units; 3 Staff Vehicles and an equipped Special Tactics and Rescue Trailer.

The Department has 15 Paramedics, 1 Advanced Emergency Medical Technician, 11 Emergency Medical Technicians, 2 members on the Regional Critical Incident Stress Management Team, and 1 member on the Federal Urban Search and Rescue Task Force.

The following have received "Service Awards" from the City for their years of service and dedication to the Fire Department: EMT Stokes-Crowe 25 years, Captain Bizzarro 20 years, and FF Hiester with 10 years of service to the department.

One member has completed the Paramedic training and has successfully passed his National Registry testing and one member has completed the EMT training. Two members are currently enrolled in Paramedic training at Sinclair Community College and one enrolled at Clark State's Paramedic program.

2015 Accomplishments

- Purchase 2 mobile data reporting devices
- Purchase of a new Ambulance
- Successful "Open House"
- Successful "Car Seat Installation" event
- Station 22 kitchen remodel

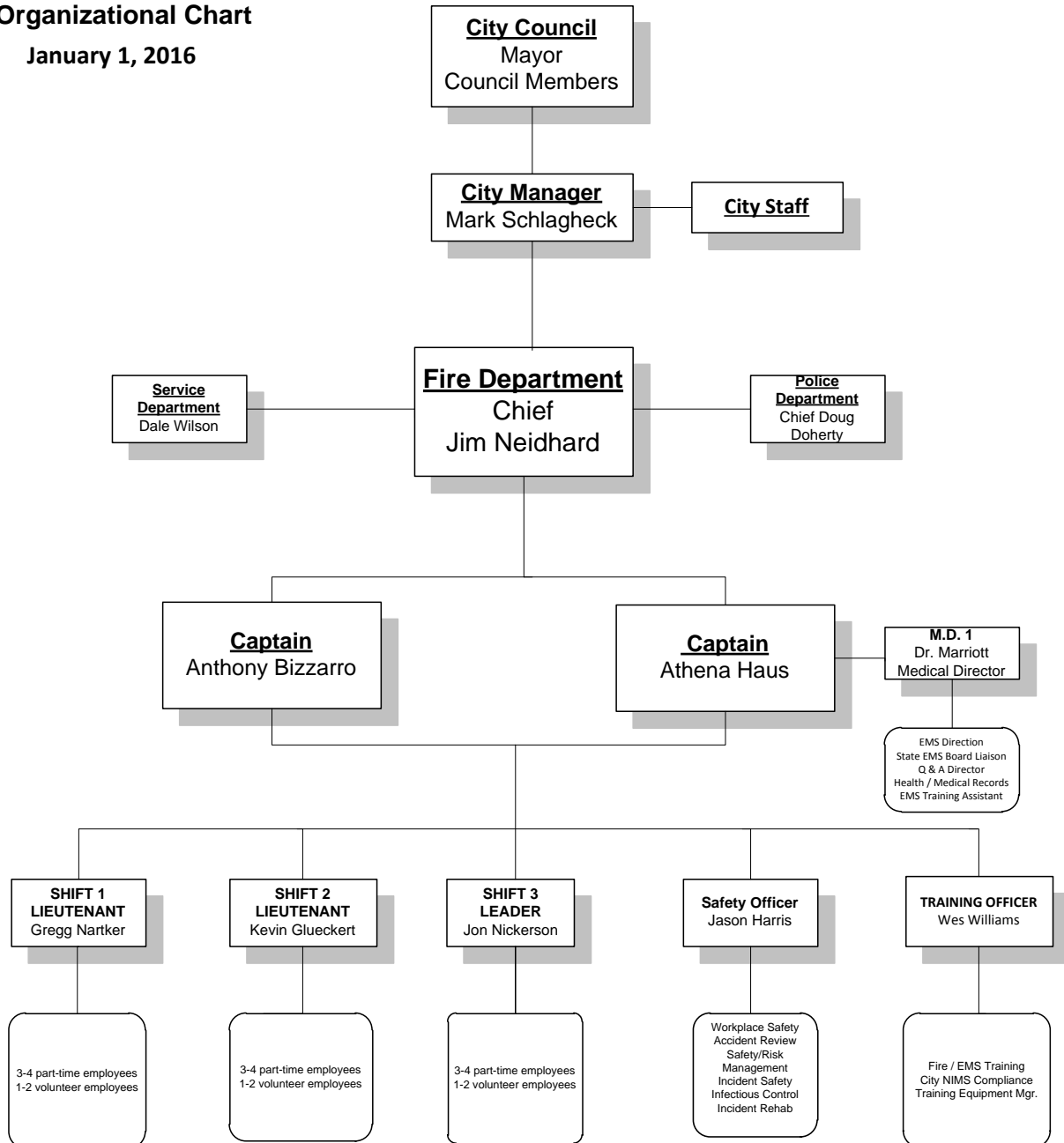
"The crew that showed up were courteous, professional and efficient. They did a great job! Thank you"



CITY OF BELLBROOK FIRE DEPARTMENT



Bellbrook Fire Department Organizational Chart January 1, 2016



"The entire team was wonderful! I felt very comfortable with them and liked that we were in good hands."

Statistical Data

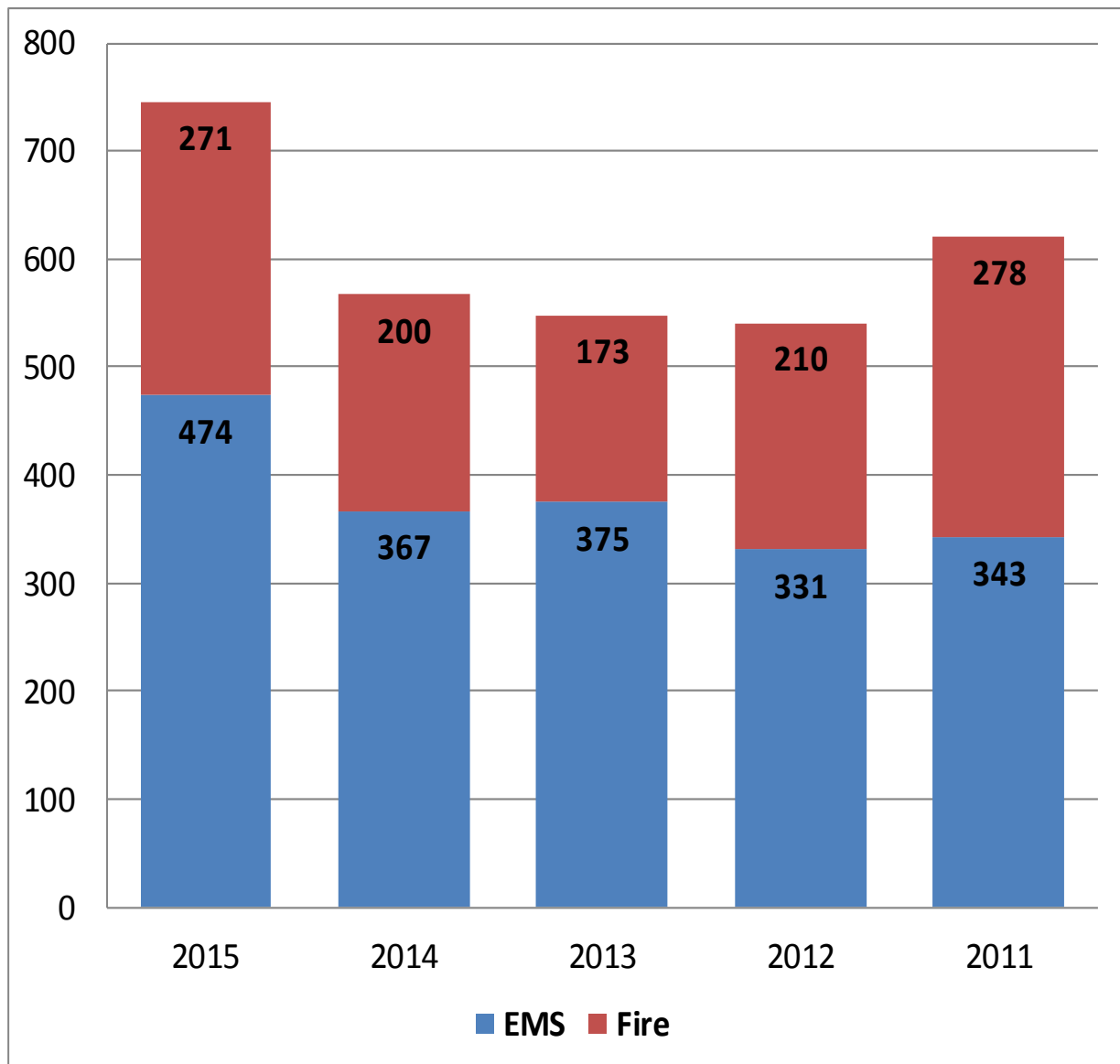




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5- Year Run Analysis



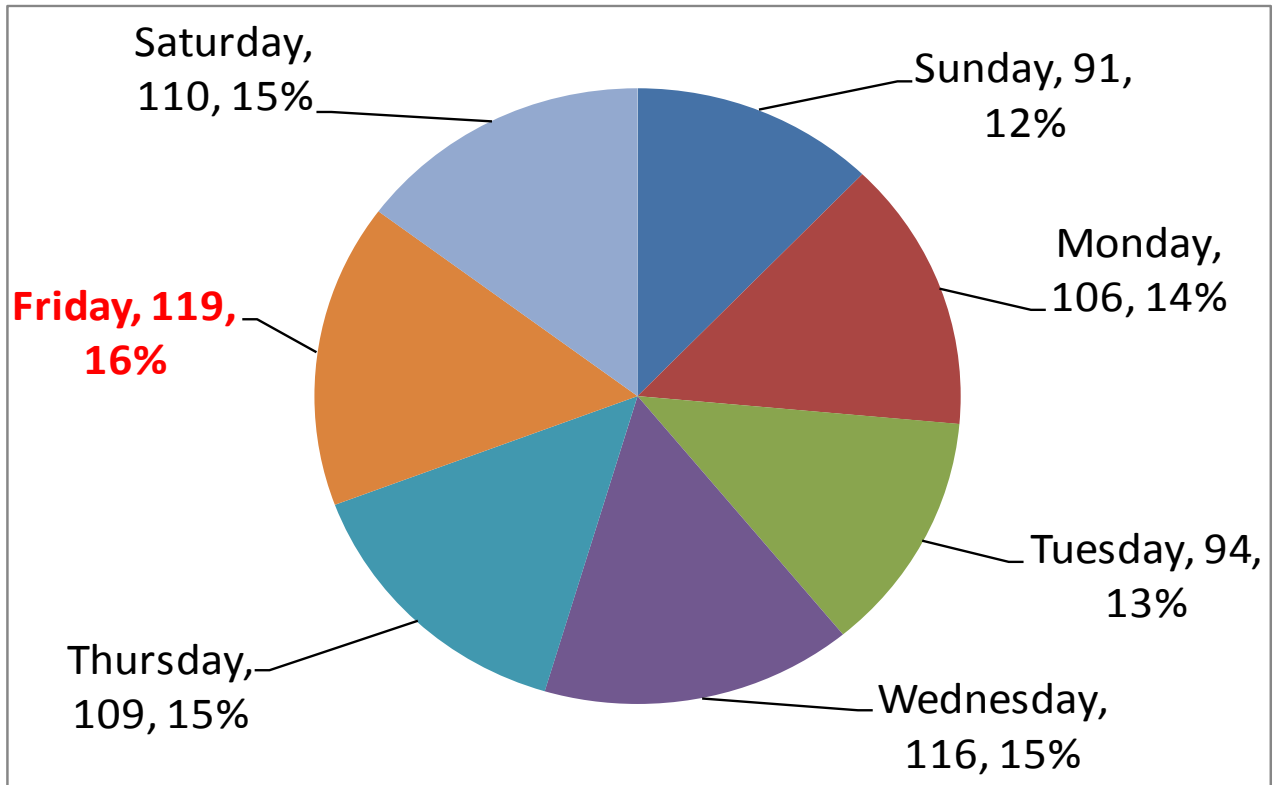
"We appreciated them so much and feel they did an excellent job."



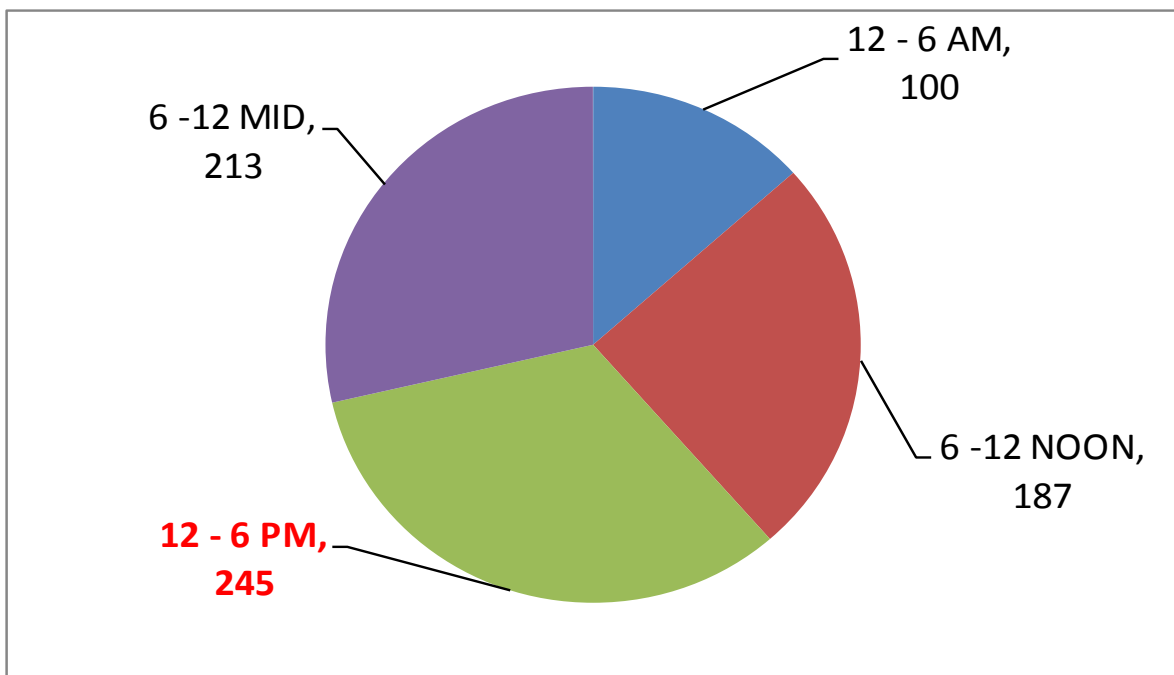
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Calls for assistance by Day of the Week



Calls for assistance by Time of Day



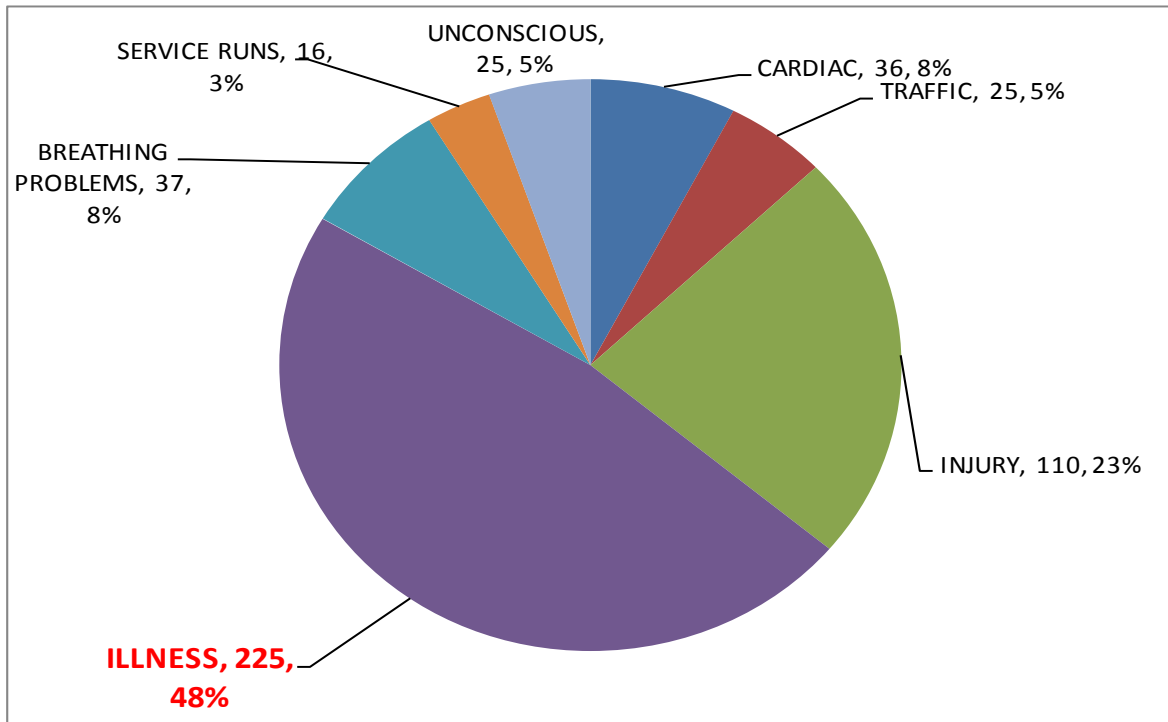
"I certainly appreciated the quick response and excellent care given to me."



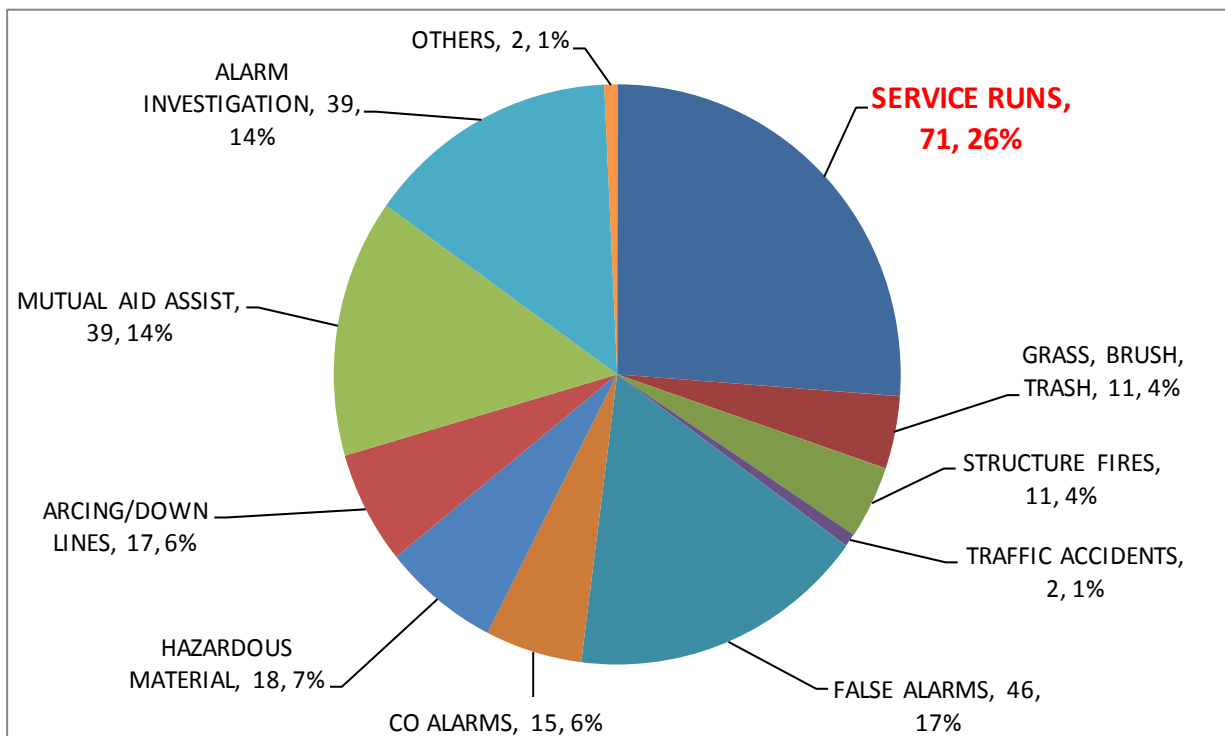
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EMS Runs by Incident
Total EMS Runs 474

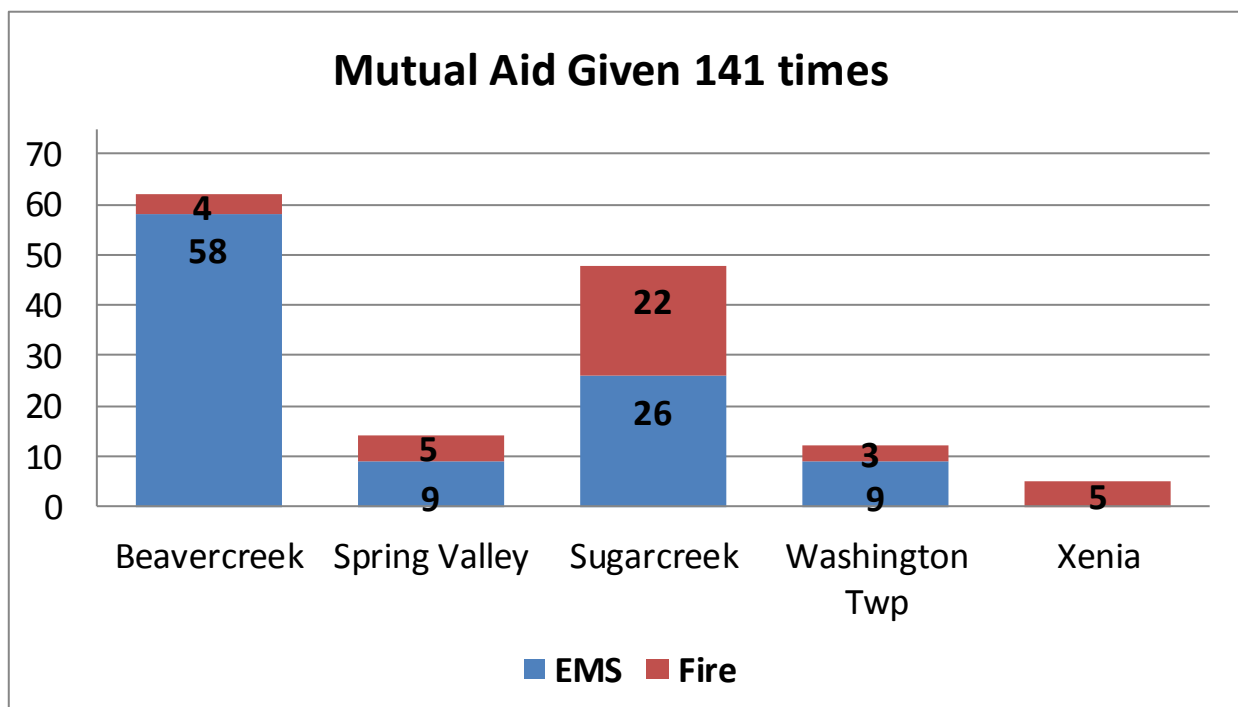
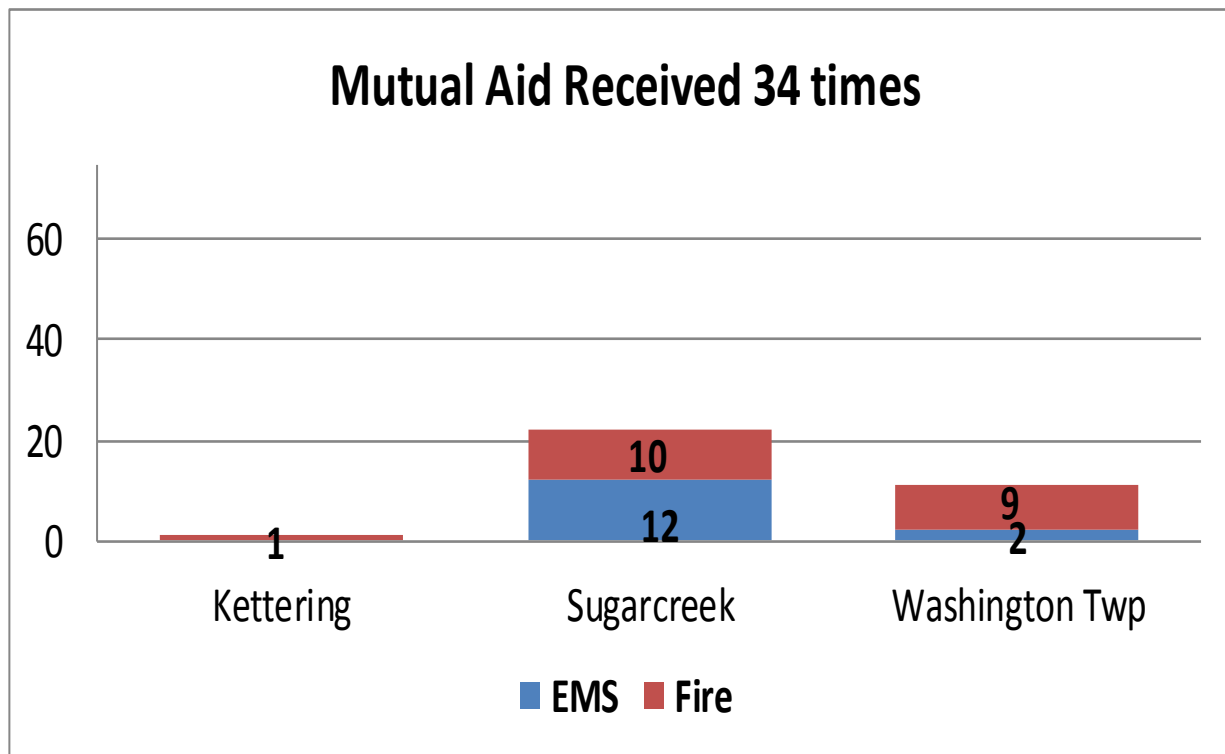


Fire Runs by Incident
Total Fire Runs 271





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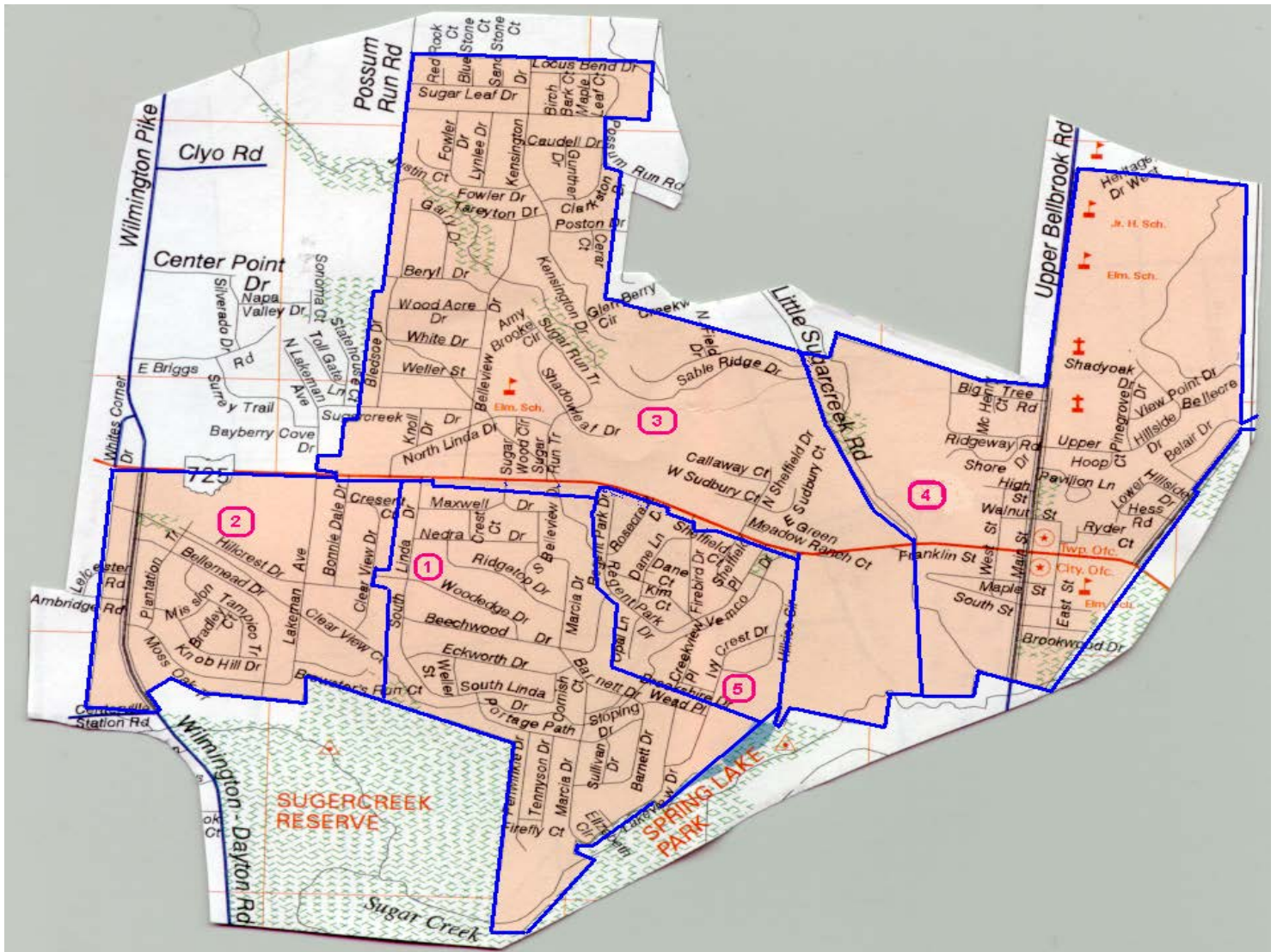
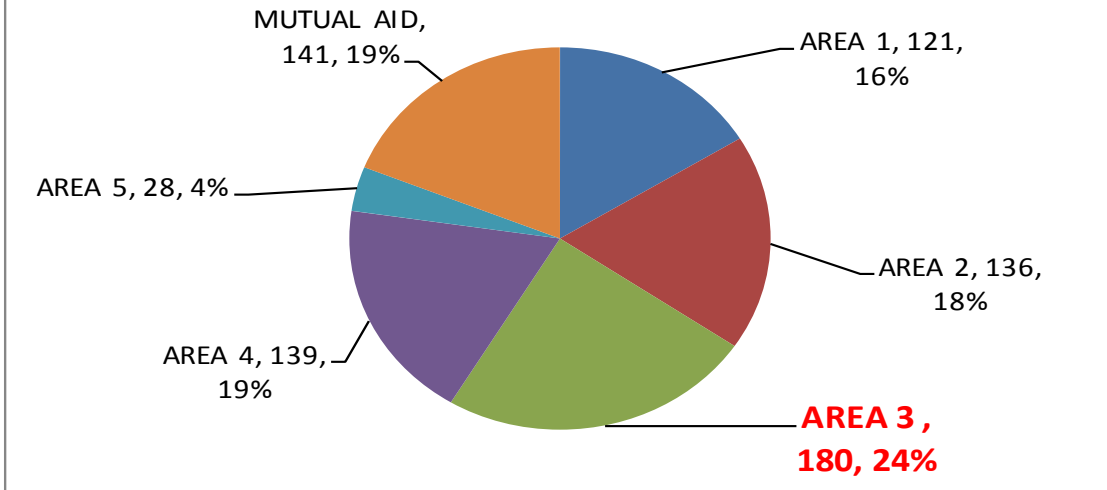
"Personnel and service were exceptional. Thank you."



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2015 Run Analysis/Area



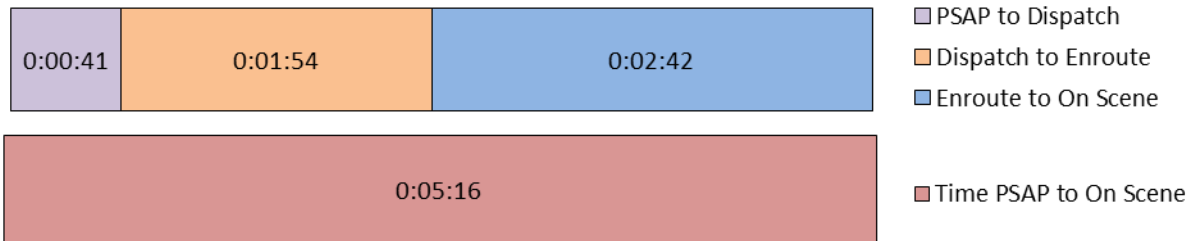


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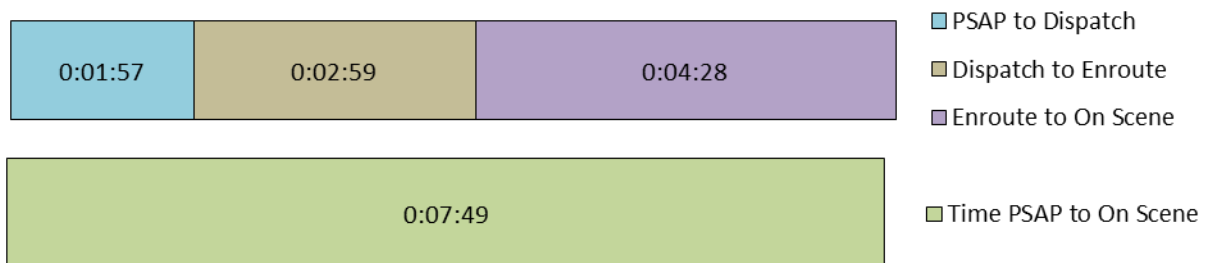
2015 AVERAGE RESPONSE TIMES BY AREA

	AREA	1	2	3	4	5
PSAP to Dispatch		0:00:35	0:00:44	0:00:48	0:00:31	0:00:42
Dispatch to Enroute		0:01:55	0:02:05	0:01:53	0:01:38	0:02:11
Enroute to On Scene		0:02:57	0:02:33	0:02:44	0:02:36	0:02:44
Time PSAP to On Scene		0:05:27	0:05:22	0:05:25	0:04:45	0:05:37



2015 90TH PERCENTILE RESPONSE TIMES BY AREA

	AREA	1	2	3	4	5
PSAP to Dispatch		0:01:53	0:01:58	0:02:04	0:01:53	0:02:10
Dispatch to Enroute		0:02:59	0:04:14	0:02:55	0:02:30	0:02:41
Enroute to On Scene		0:04:52	0:04:12	0:04:21	0:04:37	0:03:44
Time PSAP to On Scene		0:07:34	0:08:15	0:07:37	0:07:19	0:06:31



Operations





CITY OF BELLBROOK FIRE DEPARTMENT



FIRE OPERATIONS

The Bellbrook Fire Department Fire Operations Platoon is responsible for overseeing fire training, research and development; self-contained breathing apparatus (SCBA), SCBA mask fit testing, and firefighter turn out gear (TOG).

In 2015 the Bellbrook Fire Department was able to purchase several sections of new fire hose as we continue to replace old hose sections. The department was also able to purchase 2 new Task Force Tip nozzles for our 2 inch attack hose lines. These nozzles are an example of some of the new technology the department is acquiring to make the community safer and the firefighters job easier. These nozzles deliver maximum water flow with little back pressure, making it easier to control the hose while fighting a fire.



For the past 2 years the Bellbrook Fire Department has applied for a grant that will replace our aging SCBA breathing air equipment. Each year we were denied the grant and although we have applied for the 3rd straight year, we have to start replacing the air bottles. Our air bottles have reached their expiration date for hydrostatic testing and are required to be replaced according to the safety regulations set forth by NFPA. We have a plan in place to start replacing the front line equipment. We are still hoping to receive the grant that would not only replace the bottles, but also the packs and face pieces.

TRAINING OPERATIONS

Training is a priority in our organization which allows for meeting the continuing education requirements for our firefighters and emergency medical personnel to maintain their State certifications. So updating our training and delivery of that training is of the utmost importance. By offering training in house we are able to meet our departments need with little or no effect on the Budget. This is accomplished through the team approach and input from departmental members. This year we offered 80 hours of EMS training and 70 hours of fire training. The Training Team consists of seven members meeting twice a year to establish a training schedule for the year.

During the year 2015, the department continued to work on basic and advanced firefighting skills. We also worked with the Dayton Bomb Disposal Unit, DP&L, State Fire Marshal, and had an updated training on new vehicle technology. We provide our training schedule to Washington Township, Sugarcreek Township and Spring Valley Township with an open invitation to attend any training we offer. We will continue to put an emphasis on training with our neighbors.

“They were very polite and concerned about the gas leak. They were also prompt and dealt with the issue at hand. Thank you!!”



CITY OF BELLBROOK FIRE DEPARTMENT



EMS Operations

The delivery of Emergency Medical Service to the citizens of the City of Bellbrook continues to be one of the Fire Department's highest priorities. Comprising of more than 75 percent of all requests for emergency service in our community, our personnel work hard each day to provide the exemplary care the public has grown to expect of the department. Despite the growing training requirements, our membership continues to remain dedicated to the organization and the patients they serve. Members responded to 474 EMS requests for service in 2015.

The Bellbrook Fire Department is a member of the Greater Miami Valley EMS Council allowing members to operate under state of the art protocols. In 2015, a BFD member taught at a weeklong Tactical Medic Course at the Ohio Fire Academy in conjunction with Wright State School of Medicine and Ohio State University Medical Center. Bellbrook Police Department, partnered with BFD to get all officers trained in CPR/First Aid as well as, self-aid buddy aid. Several members attended in house EMS refresher training in February meeting state and national mandates.



3 SENSIT P100 Carbon Monoxide Detectors were added to all three medic unit first-in-bags to protect our citizens and EMS personnel from the odorless, colorless gas while on medic calls. The units were purchased with generous funding provided by the Bellbrook Lion's Club.

The end of 2015 brought the addition of a new Burgess Medic Unit. The medic was a replacement for the 2004 unit that had become problematic with repair cost increases. It was researched then purchased through the State of Ohio bidding process to preserve cost effectiveness while maintaining quality. The 2015 medic unit is built on a new Ford chassis after much research and consideration. The 2004 model will be sold on GovDeals.com in 2016.



The Bellbrook Fire Department and the members continue the commitment to provide community awareness and education through car seat installations by certified car seat technicians. Education is the key to injury prevention. Monthly CPR & First Aid courses are offered and biannual babysitting courses are presented in a partnership with the Bellbrook Sugarcreek Park District.

The projects the EMS division will be focusing on in 2016 are the LUCAS chest compression system and Automated External Defibrillators (AED) for the engines as well as, further implementation of community education programs and member Emergency Medical Services continuing education. Each of these programs directly impacts the community we serve.

"They were certainly very professional, caring, helpful, kind and not only helped my husband but also very caring and kind to me. "



CITY OF BELLBROOK FIRE DEPARTMENT



SPECIAL OPERATIONS

The Bellbrook Fire Department Special Operations Platoon continues to undertake the responsibilities of the Inspection Bureau, the Fire Investigation Unit, Bellbrook TV, and charities. The mission of the Inspection Bureau is to assure a safe environment for both businesses and citizens of our community. The bureau consists of nine state certified inspectors. The Bureau performed commercial and business inspections along with follow-ups throughout the year. During the inspection process, we are able to meet and maintain a positive relationship with business owners within our district. We had no reported commercial fire dollar loss in 2015. This year our Insurance Service Office (ISO) rating improved to a class 2, which is an outstanding accomplishment for our small department. The Inspection Bureau assists the county with plan reviews and final inspections for all new commercial and business structures within the City. With plan review, our role is to give insight on fire protection within the structure and make recommendations on hydrant locations. This year we welcomed at least six (6) new businesses to our area by working with Greene County Building. Along with the inspection paperwork, we keep a record of all businesses and their emergency contacts in the city.

The Bellbrook Fire Department Investigation Unit's duty is to determine the origin and cause of fires. We make every attempt to determine origin and cause of each fire to enhance future prevention efforts. This year our department did one (1) complete fire investigation with the help of another agency through our mutual aid agreements. All the other fires were small and easily identified as to the cause of each one.

The Bellbrook Fire Department takes great pride in our involvement with local charitable organizations. Our members donate a lot of time and effort to supporting these great causes. Over Labor Day weekend, when most people are enjoying the holiday with family, the members of the Bellbrook Fire Department hit the street for MDA. Since 1995 our members have been giving up their holiday weekend to pound the pavement in front of Station 22 for such a worthy cause. This year we were able to raise \$2,600.00 in our boots. This raised our total monies donated to MDA over the last 20 years to the sum of \$91,387.



Bellbrook may be a small community, but it has a large heart.

"Thank you for your help with our son. It means a lot to have great people working for our city."

Department Programs





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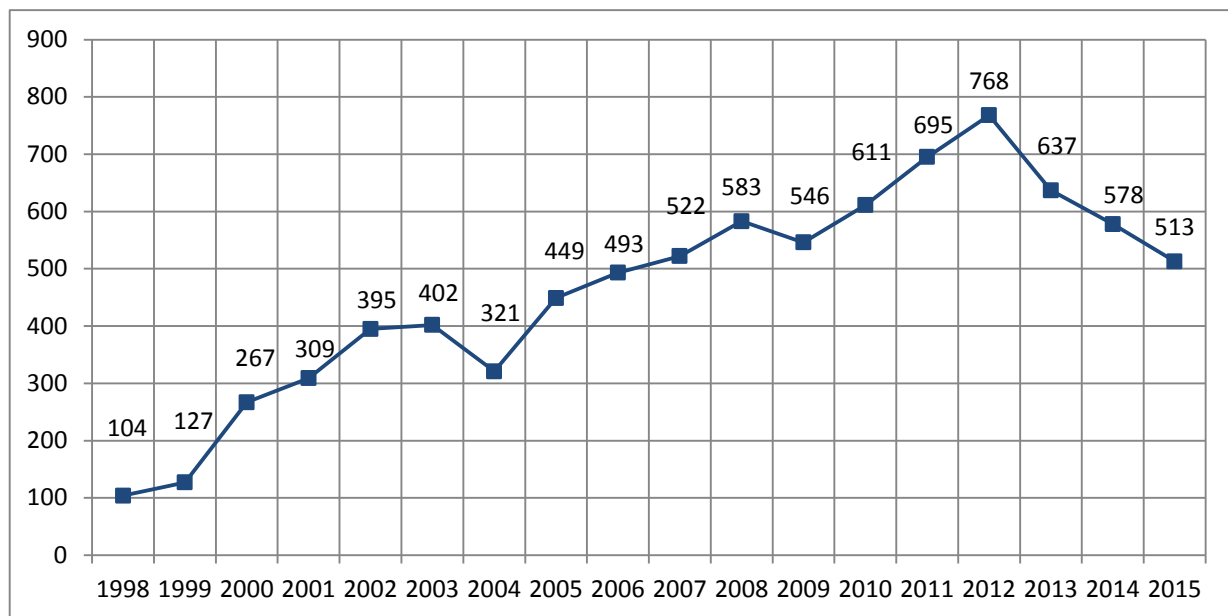


Bellbrook Community TV

The Bellbrook Community TV project continues to be a great way to get information out to the community. Programs that we broadcast this year included: Rebroadcast of Council Meetings, Fire Prevention & Safety Messages, Community videos, Public Service Announcements, and both the Sugar Maple Festival & Lion's Club Parades.

The number of requests to have information placed on the Community Bulletin Board declined slightly again this year to 513. There are many organizations that use the bulletin board to get their message out to the community. The organization that uses the community board most is the Bellbrook Winter's Library to advertise their multiple programs throughout the year. They make all of their own slides to place on the community board decreasing the amount of time required by us to get their message out. Another organization that makes a lot of their slides is the Bellbrook/Sugarcreek Park District. Early in the year, the Park District occasionally changed the way they make slides, not always advertising individual events but doing multiple events on one slide, which also led to a decrease in our numbers.

The chart below reflects the number of slides placed on the Community Bulletin Board since we started doing the Community Access Channel in 1998:



"You can't do any better because you did a Great Job! Thank you all"



CITY OF BELLBROOK FIRE DEPARTMENT



Child Passenger Safety “Drive Thru” Event

In 2015, the Bellbrook Fire Department held its 5th annual child passenger safety “Drive Thru” inspection event. This prevention program has been proven to reduce injury accidents involving young children and, for the residents of Bellbrook, this inspection process was completed at no cost—accomplished through generous donations of local businesses. The event was held on the last Sunday in September for three hours. During that time, child safety seat



technicians inspected and installed 20 child-restraint seats. Information, education, and safety were key elements of focus for crews during this event.



The Bellbrook Fire Department has always taken pride in our fire prevention programs, and the “Drive Thru” inspection event was a vital component to safety and security to Bellbrook residents. In addition to promotional flyers, the news media broadcasted the event for child passenger safety seat assistance.

Additionally, the Bellbrook Fire Department members continue the commitment to provide community awareness and education through car seat installations. In 2015, 112 car seat inspections were performed at the Bellbrook Fire Department by certified car seat technician Lt. Glueckert.

“The Technician was very helpful and knowledgeable and we feel better prepared for our little one’s safety. Thank you!”



CITY OF BELLBROOK FIRE DEPARTMENT



Bellbrook Fire Department Search Dogs



Wylie is a 7 year old German Shepherd and attained her FEMA live disaster re-certification with Captain Haus in November, 2015 in Indianapolis.



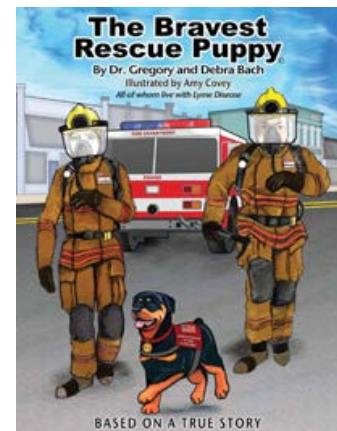
Zena is a 3 year old Rottweiler and attained her FEMA Human Remains Detection certification in August, 2015 in New Jersey.

Both dogs are members of Ohio Region 3 Rescue Team and Ohio Disaster Search Dogs available for local responses if needed. Fuego and Rico are male Belgian Malinois and are both working towards their Detection Certifications to be utilized as a valuable resource locally and nationally.

Both Tom and Athena Haus continue to be evaluators and instructors for the FEMA system. Athena coordinates Working Canine Critical Canine Clinics. Canine Teams from Search and Rescue, Military and Law Enforcement have attended this valuable course from across the Nation.

Zena's breeder wrote a book about her and the children of Stephen Bell Elementary had the opportunity to have a visit from Zena and her friend Benny, a Greene County Sheriff's canine partner, during Career Day. Captain Haus read *The Bravest Rescue Puppy* to the children. Zena has also had featured articles in *Total Rottweiler Magazine* throughout the year.

Both Zena and Wylie enjoy the annual Fire Department Open House where they get to strut their stuff for the community.



Apparatus





CITY OF BELLBROOK FIRE DEPARTMENT



BELLBROOK FIRE DEPARTMENT **INVENTORY OF EQUIPMENT (2015)**

STAFF VEHICLES



COMMAND VEHICLE CHIEF (200)
2014 Ford Expedition



COMMAND VEHICLE (230)
2008 Ford Expedition



SUPPORT STAFF VEHICLE (220)
2004 Ford E-350 Van



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FIRE APPARATUS



ENGINE 22 (201)
2012 International / KME



ENGINE 21 (231)
2003 International / KME



LADDER 22 (206)
1995 International/Smeal 75' Aerial



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EMERGENCY MEDICAL SERVICE



MEDIC 22 (205)
2015 Ford McCoy/Miller



MEDIC 21 (235)
2012 Chevy McCoy/Miller



MEDIC 23 (225)
2000 Ford McCoy/Miller

SPECIALIZED RESCUE RESPONSE UNITS



RESCUE 22 (204)
1995 Freightliner/3D Air & Light Truck



S.T.A.R. Trailer
Special Tactics and Rescue