

City of Kettering

# Fire Department



ANNUAL REPORT 2016

# Kettering Mayor and Council

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<b>Don Patterson, Mayor</b> don.patterson@ketteringoh.org .....	299.5512
<b>Robert Scott, Vice Mayor, District 1</b> rob.scott@ketteringoh.org .....	776.2315
<b>Bill Lautar, At Large</b> bill.lautar@ketteringoh.org .....	689.2205
<b>Amy Schrimpf, At Large</b> amy.schrimpf@ketteringoh.org .....	429.3896
<b>Joseph D. Wanamaker, District 2</b> joe.wanamaker@ketteringoh.org .....	296.1712
<b>Tony Klepacz, District 3</b> tony.klepacz@ketteringoh.org .....	435.9830
<b>Bruce E. Duke, District 4</b> bruce.duke@ketteringoh.org .....	299.2259
<b>Mark Schwieterman, City Manager</b> mark.schwieterman@ketteringoh.org .....	296.2412
<b>Steven Bergstresser, Assistant City Manager</b> steven.bergstresser@ketteringoh.org .....	296.2412
<b>Tom Butts, Fire Chief</b> thomas.butts@ketteringoh.org .....	296.2489

Council Office Phone Number: 296.2416  
Council Email: kettcc@ketteringoh.org  
Kettering Home Page: www.ketteringoh.org

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# Kettering Fire Department Phone Numbers

<b>Emergency .....</b>	<b>911</b>
Non-emergency .....	293.2153
Headquarters .....	296.2489
Fire Marshal .....	296.3384
Fire Hydrants .....	296.2489
Open Burning .....	296.3384
Fax .....	296.3265





## Message from the Chief

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I am deeply honored to lead the Kettering Fire Department at such an exciting time, and I proudly present the 2016 Kettering Fire Department annual report as a summary of the outstanding innovation and progression this past year. This report reflects the hard work and dedication of the men and women of our department. Our firefighters give courageously to ensure that the citizens and visitors of Kettering receive the highest quality of emergency services and care. As Chief, I am truly proud of our members' accomplishments, and I applaud their outstanding performances this past year.



The Kettering Fire Department's ability to innovate and progress is a direct reflection of the tireless work ethic of our Fire Department staff, City of Kettering administration, Mayor Patterson and City Council. As you review this report, you will see the remarkable efforts and accomplishments that were achieved by the teamwork and coordination of all these groups.

While 2016 was a highly successful year for our department, in the coming year we will strive to build on our accomplishments and exemplify the integrity, professionalism, compassion, unity and honor that our members put forward every day. Our members will proudly uphold the great traditions of the Kettering Fire Department.

Respectfully submitted,

Fire Chief Tom Butts

# Kettering Fire Department

## Vision

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The vision of the Kettering Fire Department is to serve the public with the following core values: Integrity, Professionalism, Compassion, Unity and Honor.

## Mission

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Our mission is to meet community needs by delivering an effective system of services; thereby minimizing the impact of fire, hazardous conditions, illness and injury with a caring and efficient response.





## Core Values

### **INTEGRITY – THE KETTERING FIRE DEPARTMENT DEMONSTRATES INTEGRITY BY:**

- Being loyal to the department's vision and mission
- Conducting ourselves with a high level of morality
- Conducting ourselves with the utmost honesty at all times
- Showing self-respect and respect for others
- Taking responsibility for our actions

### **PROFESSIONALISM – THE KETTERING FIRE DEPARTMENT IS PROFESSIONAL IN ALL ITS ACTIONS RELATED TO:**

- Appearance and behavior
- Respectful attitude
- Concern and compassion for people
- Training, preparedness, readiness and response

### **COMPASSION – THE KETTERING FIRE DEPARTMENT DEMONSTRATES COMPASSION TO ITS MEMBERS AND THE COMMUNITY IT SERVES BY:**

- Reconciling differences with an open mind
- Showing kindness and concern to our employees and citizens
- Being sympathetic and displaying empathy for others
- Giving consideration to all facts surrounding issues

### **UNITY – THE KETTERING FIRE DEPARTMENT RECOGNIZES THAT EVERY EMPLOYEE IS A VALUED MEMBER AND PARTNER IN THE FIRE DEPARTMENT FAMILY BY:**

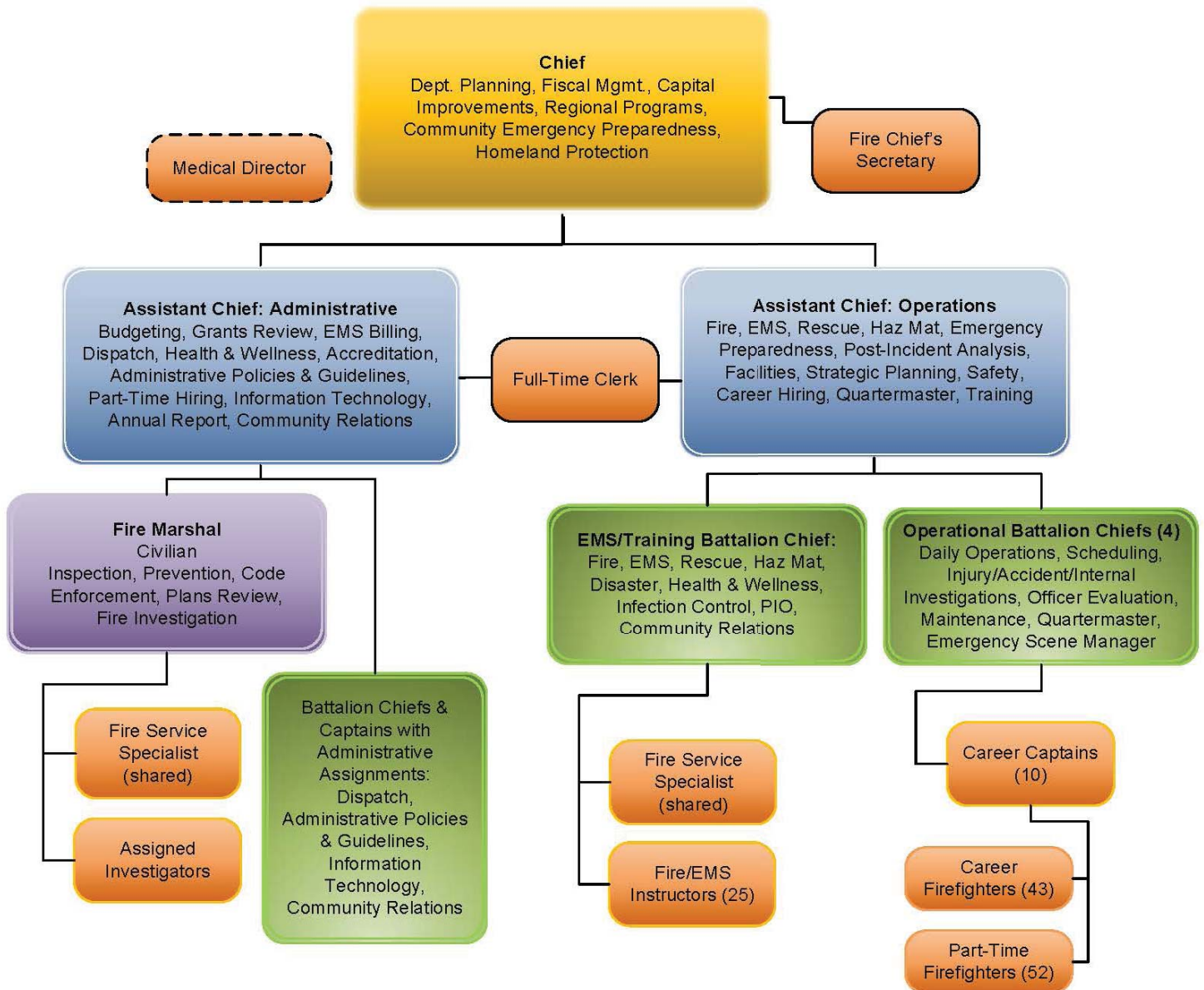
- Supporting a team-oriented approach to issues
- Valuing input from all members of the department
- Communicating openly and honestly, at all levels, without fear of reprisals
- Creating a consistent, trusting, pro-active work environment that promotes feelings of security in all members of the department

### **HONOR – THE KETTERING FIRE DEPARTMENT DEMONSTRATES HONOR BY:**

- Being respectful of others at all times
- Ensuring actions are done with the goal of the department having the highest level of reputation
- Conducting ourselves so that we are admired by the community
- Acting with honesty, integrity and fairness at all times

# Kettering Fire Department

## Organizational Chart



Rev. 12/16





## Department Overview

### 2016: A Year of Progress

2016 proved to be a year of significant progress for the Kettering Fire Department. During 2016, Kettering Fire Department opened and began responding from two new fire stations. Official ribbon cutting ceremonies were held for both Station 32 at 3484 Far Hills Avenue and Station 36 at 4745 Hempstead Station Drive. These stations have proven to be a valuable

resource for the entire City of Kettering and have significantly enhanced KFD's capability for emergency response.

In 2016 Kettering Fire Department was upgraded from a Class 3 to a Class 2 Rating by Insurance Services Office, Inc. (ISO) Public Protection Classification (PPC). ISO rates fire departments on a 10-point scale with 1 being the highest rating. Also in 2016, Kettering Fire Department

integrated a computerized dispatching software system, Location. This software automates the dispatching process to allow emergency dispatch personnel to remain on the phone with distressed callers to give life-saving instruction while the Location software dispatches the appropriate emergency crews. Location has proven to reduce call processing time, thereby reducing overall response times.





# Kettering Fire Department

## Department Overview

Emergency Response Call Type	Number of Incidents	Percentage
Emergency Medical Services	6,936	80.24%
Personal Assist	602	6.96%
Alarm Investigation	253	2.93%
Carbon Monoxide Alarm	106	1.23%
Mutual Aid Given - Fire	91	1.05%
Wires Arc/Down	85	0.98%
Residential Fire	82	0.95%
Recreational Fire	77	0.89%
Investigation	76	0.88%
Single Engine Fire	58	0.67%
Inside Gas Leak	56	0.65%
Outside Gas Leak	47	0.54%
Police Assist	28	0.32%
Apartment Fire	26	0.30%
Vehicle Fire	26	0.30%
Insider Water Problem	22	0.25%
Mulch/Grass Fire	22	0.25%
Commercial Fire	18	0.21%
Spill/Leak	16	0.19%
Accident with Structure	8	0.09%
Fire Reported Out	6	0.07%
Rescue/Entrapment	2	0.02%
Hazardous Materials	1	0.01%
<b>Total Incidents</b>	<b>8,644</b>	

Kettering Fire Department proudly responded to more than 8,600 calls for emergency service in 2016, approximately 200 more calls for service than the previous year. This year included nearly 250 additional emergency medical responses. Our members also proactively completed nearly 9,000 collective hours of training in 2016! Kettering Fire Department continues to evaluate the needs of the community and strives to shape the Emergency Response Model to meet the community's needs in a timely and fiscally responsible manner.





## Station Modernization Project

The Fire Department's Station Modernization Strategic Planning Process came to fulfillment with the opening of two of the four new facilities in 2016. These stations were designed to meet current industry standards, improve emergency response capabilities and enhance health, safety and training for our personnel.

On March 2, 2015, the construction process began on Station 36 at 4745 Hempstead Station Drive. In addition to being a fully functional fire station staffed 24 hours per day, this facility is equipped to serve as Fire Department Headquarters, Emergency Operations Center, and as a Backup Dispatch and Data Center. Medic 36, Quint 36, Battalion 30, and Headquarters personnel began operating from the new facility on September 6, 2016, with a ceremonial ribbon cutting held on September 29, 2016.

### Station 36





# Kettering Fire Department



*Fire Headquarters/Station 36 houses a Community Room, which accommodates 48 people in a classroom setting with full audio-visual capabilities.*



*Station 36 is equipped with 4 drive-thru bays to house apparatus, integrated training props, and an advanced exhaust system for improved air quality.*



*Station 36/Fire Headquarters Complex Ribbon Cutting Ceremony held September 29, 2016.*



*The City of Kettering's Emergency Operations Center is contained within the Station 36/Fire Headquarters complex.*





## Station Modernization Project

### Station 32



*New living spaces are more conducive for 24-hour operations, which include the kitchen and day room.*



*Fire gear storage room protects equipment from contaminants, moisture and harmful UV lights.*

On September 19, 2014, a ground breaking ceremony was held to commemorate the beginning of the construction of Station 32 at 3484 Far Hills Avenue. On February 23, 2016, Engine, Medic, and Ladder 32 began responding to emergencies out of this station. Station 32 was the first of four new fire stations as part of Kettering Fire Department's modernization strategy. Company 32 crews responded to more than 2,500 emergencies in 2016 after moving into this new station. This station has surpassed our expectations with regard to meeting the needs of the City of Kettering and its residents.





# Kettering Fire Department



Construction has begun on Station 34 at 2575 Woodman Drive directly south of Tenneco. The construction of this station is scheduled to be completed in the fall of 2017. In 2016, Engine 34 and Medic 34 responded to more than 2,200 calls for emergency service from their current location on Patterson Road.



1300 West Dorothy Lane has been chosen as the site for new Station 37. Construction of this station is expected to begin in the summer of 2017. This station will be the fourth and final facility built as part of the Kettering Fire Department modernization strategy.



## Emergency Medical Services

Emergency Medical Services (EMS) makes up over 80 percent of the total number of alarms to which the Kettering Fire Department (KFD) responds. In 2016, KFD responded to more than 6,900 calls for medical emergencies, an increase of approximately 5% over 2015.

To ensure excellence in emergency medical response and outstanding patient care, our personnel actively

engaged in over 2,900 hours of EMS training. These dynamic trainings were designed to enhance patient survivability through rapid assessment and treatment in the areas of cardiac events and stroke emergencies, trauma assessment, pediatric and geriatric emergencies.

KFD strives to provide the best possible patient care utilizing advances in technology and equipment. In 2016, the

department received \$2,500 in grant funds from the Ohio Department of Public Safety, Division of EMS to replace equipment and training. A portion of these funds were used to purchase King Vision Video Laryngoscopes to improve our





# Kettering Fire Department

EMS Call Type	2016 Totals
Injury from Fall	1,085
Difficulty Breathing	813
Illness	810
Unconscious/Fainting	401
Chest Pain	374
Heart Problem	326
Injury	275
Abdominal Pain	270
Mutual Aid Given - EMS	266
Unknown Problem	243
Auto Accident w/Injury	235
Seizure/Convulsions	231
Stroke	220
Medical Alarm	200
Diabetic Problem	187
Ingestion/Poisoning	187
Back Pain	132
Bleeding/Hemorrhage	121
Psychiatric Problem	112
Cardiac Arrest	95
Allergic Reaction	62
Deceased Person	46
Assault	43
Pregnancy/Childbirth	42
Suicide	36
Headache	34
Choking	30
Nose Bleed	22
CO Poisoning/HazMat	15
Stab/Gunshot Wound	8
Animal Bite	6
Heat/Cold Emergency	3
Burns	3
Drowning/Water Accident	2
Eye Problem	1
<b>TOTAL</b>	<b>6,936</b>

abilities in the field to provide airway support to patients who are not breathing. In addition, the department accepted the donation of three Pediatric Medical Bags from the Dayton Children's Hospital to enhance our capabilities to provide care to the community's youngest members. This equipment was valued at \$4,000.

Kettering Fire Department actively engages on a regional level to help shape the future of Emergency Medical Services throughout the area and to ensure our protocols, procedures, and training meet the highest possible standards

in emergency medical care. This participation includes the Greater Miami Valley EMS Council, the Regional Quality Assurance/Quality Improvement (QA/QI) Committee and the Regional



Physicians Advisory Board (RPAB). KFD also partners with the Wright State School of Medicine to engage emergency medical residents in field training, extrication, and ride-along observation.





## Insurance Services Office PPC Rating

In 2016 the Kettering Fire Department was upgraded from a Class 3 to a Class 2 Rating by Insurance Services Office, Inc. (ISO) Public Protection Classification (PPC). ISO rates fire departments on a 10-point scale, with 1 being the highest rating. This rating places KFD in the top 2 percent of nearly 49,000 fire departments for structure fire response capabilities based on the ISO criteria. This new classification is a testament to the commitment of the City of Kettering to provide outstanding emergency services and to the men and women of the department and the 9-1-1 Communications

Center to ensure we have an effective and efficient response to structure fires within the community. The improved rating is indicative of the series of modernization strategies the department has implemented to enhance response capabilities since our last rating. These changes include fire station relocation and replacement, fire apparatus replacement, comprehensive 24-hour staffing model, upgrading of the Computer Aided Dispatch (CAD) and Records Management System (RMS), and investments in training and professional development.



These comprehensive improvements over the past several years collectively provide greater capacity and quicker response to the community's over 8,600 emergencies in 2016.

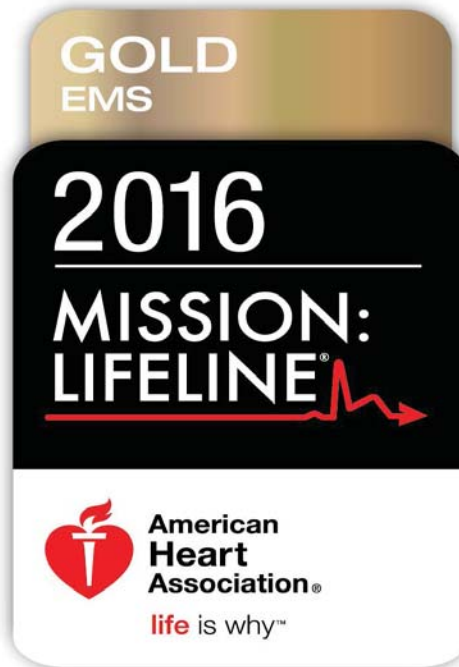




# Kettering Fire Department

## American Heart Association Mission: Lifeline GOLD EMS Recognition Award

Kettering Fire Department has received the American Heart Association's Mission: Lifeline® EMS Gold Award for implementing quality improvement measures for the treatment of patients who experience severe heart attacks. Each year citizens within our community experience an ST elevation myocardial infarction (STEMI) - the most deadly type of heart attack caused by a blockage of blood flow to the heart that requires timely treatment. To prevent death, it is critical to restore blood flow as quickly as possible, either by mechanically opening the blocked vessel or by providing clot-busting medication. Paramedics perform 12-lead ECGs which measure the



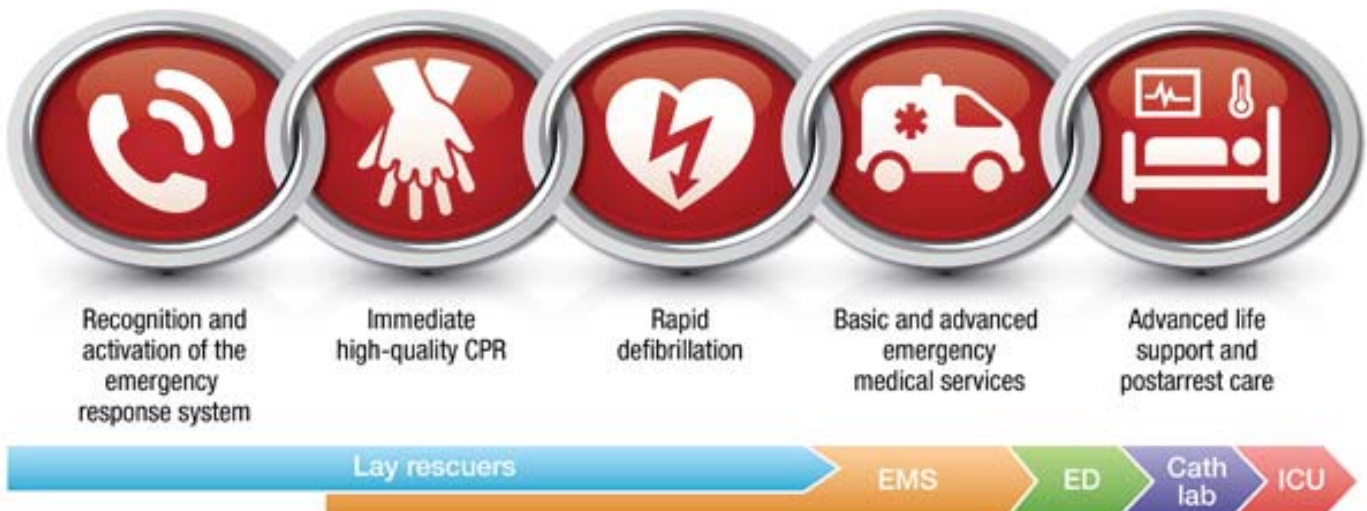
electrical activity of the heart and can help determine if a heart attack has occurred.

Utilizing protocols, effective equipment, and training allow our EMS providers to rapidly identify suspected heart attack patients, promptly notify the hospital emergency

department, and trigger an early response from the awaiting hospital personnel.

KFD received the Gold level award in 2016 for attaining 75% or higher performance on each EMS achievement measure for a consecutive 24-month interval to improve the quality of care for STEMI patients.

"Receiving this award confirms KFD is providing excellent cardiac care to the residents of Kettering. We participate in regular training to ensure we stay proficient in all aspects of fire and EMS," stated Firefighter/Paramedic Dan Wathen, EMS instructor for the department and coordinator of CPR/AED training for KFD personnel and Kettering citizens. Dan was an integral part in the Kettering Fire Department's efforts to achieve this award.





## Training Division

Working together as a team is a vital component in any organization; however, in the fire service it can make the difference between life and death. Throughout 2016, our organization focused on working with our neighbors through Automatic Mutual Aid Response Service agreements to enhance service delivery. This means that the Kettering Fire Department utilizes the adjacent departments now as part of our initial response due to their close proximity to improve response times. These new AMARS agreements created new opportunities for collaboration and trainings.

In 2016, the Kettering Fire Department conducted joint trainings on firefighting skills including initial fire ground operations with Oakwood Public Safety, Moraine and Washington Township Fire Departments. In addition to fire training, KFD personnel also facilitated technical rescue skills training in the area of confined space operations with Washington Township Fire Department.



Training Type	Hours
<b>EMS Training</b>	<b>2,964</b>
Cardiac	371
Geriatric	223
Pediatric	517
Trauma	372
General	1,481
<b>Fire Training</b>	<b>5,822</b>
Fire	3,245
Officer Development	1,047
Rescue	656
HazMat	383
Inspector	337
Instructor	85
In-Company	69
<b>Other</b>	<b>129</b>
<b>TOTAL</b>	<b>8,915</b>



# Kettering Fire Department

Our technical rescue crews utilized these skills at a trench collapse incident in June that occurred in Washington Township. KFD dispatched five of our rescue technicians and equipment early into this incident, and our personnel assisted with the operations until the victim was removed from the trench several hours later.

2016 was also a year of collaborative training within City of Kettering departments. Our crews trained with approximately 20 members from the City of Kettering's Public Service Department

in confined space rescue. During that training, we reviewed policies, equipment, and practiced making entry into simulated confined spaces. KFD conducted our first active shooter training with the Kettering Police Department. Kettering Fire Department members who are assigned to the Regional Task Force for active shooter incidents were able to put on tactical gear and conduct simulated training with the police, as well as perform patient and victim removal operations. KFD - Making every day a Training Day!





## Fire Prevention Bureau

Fire code enforcement continued to be a priority for the Kettering Fire Department's Fire Prevention Bureau in 2016. This code enforcement is critical to ensuring that all buildings constructed in Kettering are built in accordance with the Ohio Fire Code. The enforcement of this code is vital in fulfilling our department's mission of preventing the loss of life and property. Fire Marshal Bill Ford spent countless hours reviewing plans and visiting numerous construction projects throughout the city. In 2016, the Fire Prevention Bureau saw a 180% increase in construction related inspections. This increase directly reflects the investment businesses are making in our city, and our department is honored to be a part of this progress.

In addition to ensuring those new construction projects are built appropriately, Fire Marshal Ford inspected many existing structures throughout Kettering to ensure that the Ohio Fire Code



is being adhered to. Existing structures that were inspected in 2016 include all Kettering City Schools, parochial schools, healthcare facilities, and other high hazard facilities.

The Fire Prevention Bureau is also continuing to educate building owners and managers about the importance of Knox Boxes. A Knox Box is a secure rapid entry key box secured to a facility that allows fire

department personnel rapid entry when a facility is unoccupied. This 24/7 access allows Kettering Fire Department crew members to access and re-secure a structure in a timely manner, eliminating the potential need for forcible entry, which could cause damage to the building.



Fire Prevention	2016 Totals
Initial Inspections	58
Construction Inspect.	249
Re-Inspections	31
Violations Issued	224
Violations Resolved	84
Plans Reviewed	160



# Kettering Fire Department

## Carbon Monoxide (CO): The Invisible and Odorless Killer

In 2016, Kettering Fire Department received donations of CO detectors from Firehouse Subs and Dayton Firefighters Federal Credit Union. These detectors are available to all Kettering residents by simply visiting Kettering Fire Department Headquarters Monday through Friday, 8 a.m. to 5 p.m.

Carbon Monoxide is found in fumes produced any time fuel is burned in vehicles, small engines, grills, fireplaces, gas ranges, gas dryers, gas water heaters, or furnaces. CO can build up indoors and poison people and animals who breathe it. Each year, more than 400 Americans die from unintentional CO poisoning not linked to fires; more than 20,000 visit the emergency room; and more than 4,000 are hospitalized.

If you have fuel powered appliances in your home or have an attached garage, install a battery-operated or battery back-up CO detector in your home. Check or replace the battery in your CO detector at least once per year. Place your detector where it will wake you up if it alarms, such as outside your bedroom. Consider buying a detector with a digital readout. This detector can tell you the highest level of CO concentration in your home in addition to alarming. Replace your CO detector every five years.







## Community Relations

The Kettering Fire Department is dedicated to increasing the safety of our community and the chances of survival for our residents should an emergency occur. In 2016, KFD paramedics taught more than 750 residents and city staff how to recognize the signs and symptoms of medical emergencies, the importance of early recognition of heart attacks and strokes, and how to provide care when needed. This program is saving lives each and every year!

Community events, block parties, and station tours afford our department the incredible opportunity to interact with

Public Education Events	2016 Totals
Block Parties	22
Car Seat Installations	129
CPR Classes	57
CPR Certifications	750
Station Tours	22
Other Events	112





# Kettering Fire Department

members of the community in a non-emergency setting and to educate the public on fire safety, injury prevention, and fire department operations. In addition, our crews participated in a reading program at several elementary schools throughout the year.

The Kettering Fire Department, in partnership with the American Red Cross, conducted a neighborhood smoke detector event during "Make-A-Difference Day" to educate residents on the importance of smoke alarms. Kettering Fire personnel, along with Red Cross community volunteers went door to door providing home fire preparedness information, replacing smoke detector batteries and providing new smoke detectors where appropriate. While KFD personnel educated residents, community volunteers installed 28 new smoke alarms in homes that did not have adequate detectors.







## Community Relations (Cont.)



**Above:** Firefighters educating a cub scout troop on how to stay safe.

**Right:** Firefighters reading at a Kettering elementary school as part of ongoing program to engage kids.

**Below:** Crew serving lunch and eating with children at St. Albert's.





# Kettering Fire Department

In 2016 the Kettering Professional Firefighters IAFF Local 2150 continued their mission as "Partners in Protecting our Community" with their charity outreach throughout the year. The 28<sup>th</sup> annual Adopt-a-Family program was successful in providing seven families and their children with holiday presents, clothing and a nice holiday meal. The success of this program is a direct result of assistance provided by Kettering City Schools, Meijer and numerous local businesses.

Over 50 Kettering City School children received a new winter coat through our continued partnership with the national program "Firefighters for Operation Warm."

Local 2150's successful relationship with CHOICES Inc., a

foster care agency located in Kettering, expanded during 2016. The firefighters are committed to assisting foster children and families that have an immediate need for quality of life items. Through this relationship they have provided coats, clothing, school supplies or any additional items that a child or family may need during foster care placement.

All told, the firefighters were able to distribute over \$15,000 to local charities, community organizations and fellow firefighters experiencing difficult circumstances during 2016.







## Personnel Updates

### NEW EMPLOYEES - PART-TIME

**BRYAN DEIS**

PT Firefighter/EMT

**JOSEPH HARVEY**

PT FF/Paramedic

**JOSEPH HOMAN**

PT Firefighter/EMT

**JEREMY JOHNSON**

PT Firefighter/EMT

**WILL LAWSON**

PT Firefighter/EMT

**MICHAEL LEWIS**

PT Firefighter/EMT

**SCOTT RENNER**

PT Firefighter/EMT

**JALEN RICHARDSON**

PT Firefighter/EMT

**ADAM WATSON**

PT Firefighter/EMT



L to R: Deis, Harvey, Homan, Johnson, Richardson - Not Pictured: Lawson, Lewis, Renner, Watson

### NEW EMPLOYEES - CAREER

**MATT ABEL**

Career Firefighter/Paramedic

**CHRIS DELANGE**

Career Firefighter/Paramedic

**SHAWN DITTON**

Career Firefighter/Paramedic

**BRIAN HISSONG**

Career Firefighter/Paramedic

**RYAN MCCLURE**

Career Firefighter/Paramedic

**AUSTEN MELLENDORF**

Career Firefighter/Paramedic



L to R: Abel, DeLange, Ditton, Hissong, McClure, Mellendorf



# Kettering Fire Department

## PROMOTIONS



Mayor Patterson, Batt. Chief Panstingel and son Reid

### BATTALION CHIEF DOUG PANSTINGEL

Promoted April 2016



### CAPT. SHAWN MORGAN

Promoted August 2016



Chief Butts, Capt. Morgan



## Personnel Updates (Cont.)



**ASSISTANT CHIEF  
MITCH ROBBINS**  
Promoted April 2016



**CHIEF TOM BUTTS**  
Promoted April 2016





# Kettering Fire Department

## Annual Awards Ceremony

Kettering Fire Department held its annual awards ceremony on March 23, 2017, to summarize 2016's departmental highlights, including employee recognitions for years of service and many exemplary service and other departmental and city awards.

## Years of Service Awards

### 5 YEARS

FF/PM Pete Burcham

FF/PM Amber Duritsch

FF/PM Zach Joyce

FF/EMT Mike Mingl

FF/EMT Matt Youngerman

### 15 YEARS

Battalion Chief Jim Lokai

Capt. Shawn Morgan

### 20 YEARS

Capt. Ethan Klussman

### 25 YEARS

FF/PM Dan Wathen

### 30 YEARS

Capt. Troy Schwable

### 35 YEARS

FF/EMT Eric Watne



Chief Butts, FF/PM Dan Wathen (25 Years of Service)



Chief Butts, Capt. Ethan Klussman (20 Years of Service)



Chief Butts, Capt. Troy Schwable (30 Years of Service)



Chief Butts, FF/EMT Eric Watne (35 Years of Service)

## RETIREMENTS



**FIREFIGHTER/EMT PETE GRAHAM**  
32 years of service



**FIREFIGHTER/PARAMEDIC JEFF ROSE**  
28 years of service



**FIRE CHIEF TERRY JONES**  
28 years of service



# Kettering Fire Department

## Firefighter of the Year

*The Firefighter of the Year is awarded to the firefighter that exemplifies the true meaning of commitment and pride in the organization for the current year. This award process begins in the fall, and nominations for the award may be submitted from any rank within the organization. At the end of each year, the nominations are evaluated for merit by the department's Award Committee which is made up of 4-5 individuals of varying rank and organizational responsibilities. The committee reviews each candidate and makes recommendations to the Fire Chief for final approval.*

### 2016 FIREFIGHTER OF THE YEAR: FF/PM HOWARD (DUANE) COBB

#### FF/PM Howard (Duane) Cobb

FF/PM Cobb began his career with the Kettering Fire Department as a volunteer firefighter at Company 36. He proudly served as a volunteer firefighter, lieutenant and captain for 8 years until he was hired as a career firefighter/paramedic in 2012.

Duane has an incredible knowledge of the fire service and routinely provides outstanding emergency care while treating his patients with kindness and compassion. He works diligently to take on a large amount of administrative and functional roles within the department to improve the safety and efficiency of our operations.

He currently oversees the Turnout Gear Maintenance Program, serves in a leadership role in the Honor Guard, is active in the RTF and Technical Rescue Programs and is very active as an instructor teaching within the department's training program. In 2016 Duane was instrumental in creating the specs for the new Honor Guard uniforms, improving the safety of our fire gear through research, inspections and repairs, and

creating departmental trainings for Hybrid Vehicle Response.

He is a consummate team player who demonstrates excellent judgment and leads quietly through example, mentoring and humility.

In 2009, Duane was named Volunteer Firefighter of the Year as well as presented a Special Way Award from the City for

his leadership as a volunteer lieutenant at Station 36. He has the distinction of being the only dual winner of the Firefighter of the Year Award.

FF/PM Cobb's hard work and dedication to this department and our community are greatly appreciated. He has earned the admiration and respect of our organization.



Chief Butts, Firefighter/Paramedic Duane Cobb



## Life Saving Awards

*The Kettering Fire Department's Life Saving Award is a prestigious and incredible honor awarded to active duty personnel whose direct actions save the life of person whose heart has stopped beating and shows no signs of life. This award is only achieved when the patient who was clinically deceased is not only resuscitated and regains life sustaining functions, but is also able to make a full recovery and resume normal life activities. It is one of the most rewarding accomplishments any member of this organization can make in the course of their career and to know that their actions contributed to saving the life of another human being. To understand the significance of the last statement, the individual that is saved must be discharged from the hospital and resume normal life activities.*

Capt. Troy Schwable  
FF/PM Nick Andrews  
FF/PM Chad Gemin  
FF/PM Bob Knedler  
FF/PM Joel Sagasser  
FF/EMT Eric Kesson

On March 1, 2016, Engine 37 and Medic 36 were dispatched to a report of an unresponsive patient inside a vehicle in a business parking lot. Engine 37 arrived just before the medic crew and initiated CPR while the patient was still in the vehicle. The crews initiated CPR in the vehicle due to a driving rain storm. Shortly after, Medic 36 arrived and the patient was moved quickly to the back of the medic. The Lucas Machine was applied and advanced life saving procedures started. A pause in CPR and rescue breathing showed the patient's heart to be in ventricular fibrillation, a shockable rhythm, and the Life Pack 15 was

used to shock the patient. After one shock, continued CPR, and the administration of life saving medications, the patient began to take shallow breaths and regained a palpable pulse.

Thanks to the recognition of the medical emergency from a bystander walking past and calling 9-1-1, the rapid dispatch and quick response times, KFD emergency crews arrived on scene in less than two and a half minutes to provide care. Due to the crew's quick recognition of a potentially fatal medical emergency while the

patient was in her vehicle in the midst of a rain storm and use of advanced life support procedures and equipment, the crews were able to provide life-saving care. This patient was transported to Kettering Medical Center and arrived at the hospital within 16 minutes of the time the call was received with a beating heart and shallow respirations.

Each of these personnel should be commended for their outstanding efforts and professionalism without which this patient would not be alive today.



L to R: Capt. Schwable, FF/PM Gemin, FF/PM Andrews, FF/PM Knedler  
Not pictured: FF/PM Sagasser, FF/EMT Kesson



# Kettering Fire Department

Capt. David Roth  
FF/PM Kris Holbrook  
FF/PM Zach Joyce  
FF/PM Bob Knedler  
FF/PM Jim Koller  
FF/PM Justin Lakes  
FF/PM Mike Reigle

On June 23, 2016, Engine 32 and Medic 37 were dispatched to a report of an unresponsive patient who was breathing at time of call. Upon arrival, crews found an elderly female patient with bystander CPR in progress. The bystander was a physical therapist who relayed to the crews that the patient had just completed therapy and then passed out.



Engine 32's crews assumed patient care, assessed the patient, and found no pulses or respirations. The patient was in cardiac arrest. CPR was continued, and with Medic 37 on scene, the Lucas Compression System was applied.

The Lucas Systems were acquired through a grant from Firehouse Subs and the Bureau of Worker's Compensation in 2015. The machines are placed on a patient's chest and automatically compress the chest during CPR to provide effective and consistent compressions to ensure oxygenated blood flow throughout the body. This equipment has been a valuable asset to crews in the field and improving

patient survival outcomes. It further allows for better use of our resources to provide simultaneous therapies with personnel on scene.

The crews worked diligently to provide life-saving airway procedures and cardiac drug therapy along with CPR. After several minutes of care, the patient had a pulse and was transported to the Kettering Medical Center with a Cardiac Alert where she was treated and later released.

Each of these personnel should be commended for their outstanding efforts and professionalism without which this patient would not be alive today.



L to R: FF/PM Lakes, FF/PM Reigle, FF/PM Joyce, FF/PM Knedler, FF/PM Holbrook, Capt. Roth, FF/PM Koller



## Life Saving Awards (Cont.)

On July 15, 2016, Engine 37 and Medic 36 were dispatched to a report of difficulty breathing at a local nursing home. Upon Engine 37's arrival, the crew was informed that the patient had been eating when he became unconscious. The facility staff called 911, assessed the patient and began CPR just prior to Engine 37's arrival. Engine 37's crew assumed patient care, initiated patient assessment and continued CPR. After approximately 1-2 cycles of CPR, another assessment was done and the patient's pulse returned. Medic 36's crew arrived on scene, and the crews continued to provide ventilations by bag valve mask while preparing the patient for transport. En route the patient's condition continued to improve, and the patient was transferred to Kettering Medical Center in stable condition.

This alarm is an excellent example that the knowledge and application of basic CPR procedures

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Capt. Troy Schwable  
FF/PM Jeff Corey  
FF/PM Eric Hagemeyer  
FF/PM Glenn Schlub  
FF/EMT Matt Youngerman

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to clear an airway and provide compressions and ventilations when a patient is in cardiac arrest, can make the difference between life and death.

Each of these personnel should be commended for their outstanding efforts and professionalism without which this patient would not be alive today.





# Kettering Fire Department

## Customer Service Excellence Award

*The Customer Service Excellence Award is awarded to individual members of the fire service, for the commendable performance of acts or duties, or for efforts expanded in materially contributing to the success of fire safety, fire prevention, emergency medical services or community relations programs.*

Capt. Ethan Klussman  
FF/PM Jake Coverstone  
FF/PM Kris Denlinger

On June 3, 2016, Kettering Fire crews responded to an injury to an elderly resident who was mowing his lawn. The engine and medic responded to this individual's basic medical needs and after solving the patient's immediate medical problem, the engine crew stayed and completed the chore the patient had set out to do in the first place.

A neighbor wrote, "One of my neighbors was injured while mowing his lawn today. The gentleman was obviously unable to complete his yard work. The amazing men that

came to the scene finished mowing this man's lawn for him. Incredible service, well above and beyond. Thank you!!"

This superb customer service demonstrates these members' commitment to

ensuring we take care of the customer.

This crew's actions went above and beyond what was expected of them during this call for "routine" service and meet the definition of this award.



L to R: Capt. Klussman, FF/PM Jake Coverstone, FF/PM Kris Denlinger

# *Engaging Community Leaders to Build the Future of Emergency Services*



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