



# 2015 Annual Report



## Mission Statement

The Leawood Fire Department will meet the emergency and service needs of our community in a professional, compassionate, and timely manner.

2015 was a great year for the Leawood Fire Department. This annual report has some of the highlights pulled from throughout the year. Please take a look and feel free to contact us with questions or comments.

## Church of the Resurrection Save-A-Life Weekend

The Leawood Fire Department in partnership with Johnson County Med-Act and The United Methodist Church of the Resurrection (COR) completed a large-scale Hands-Only CPR training event for members and staff in 2015. Planning began back in the Fall of 2014. The first step was a train-the-trainer event where 15 members of the COR CART (Cardiac Arrest Response Team) were trained as CPR instructors to assist during the mass training. Next came a hands-only training event for COR Staff members where 82 people received the training. The culminating event came with the actual Save-A-Life-Weekend where COR members were trained as they entered and left one of five different services on June 27<sup>th</sup> & 28<sup>th</sup>. A total of 461 people were trained that weekend utilizing instructors from LFD, Med-Act, and COR CART. That brought the grand total of COR trainees to 558 in just a few weeks. This is the single biggest CPR training event to date not only for the Leawood Fire Department but for Johnson County as well. Plans are underway to make this an annual event for the COR and to also utilize the lessons learned to spread this training model out to other area churches and large organizations.



## 2015 Public Service Highlights

- 1,002 CPR or CPR/AED/1st Aid Students
- 2,699 K-5 Students received Fire Safety Training
- 109 Infant & Child Car Seat Installations
- 146 Public Education / Relations Events
- 2 Juveniles received Firesetter Counseling
- 929 Building Inspections
- 155 Construction Plan Reviews
- 12 Special Permits Issued

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# From The Chief



2015 was a great year for the Leawood Fire Department! This is our second annual report since I was appointed Chief in 2012. First and most importantly, we want to take this opportunity to sincerely thank the City of Leawood governing body and our community for the wonderful support we receive as we strive to serve and improve.

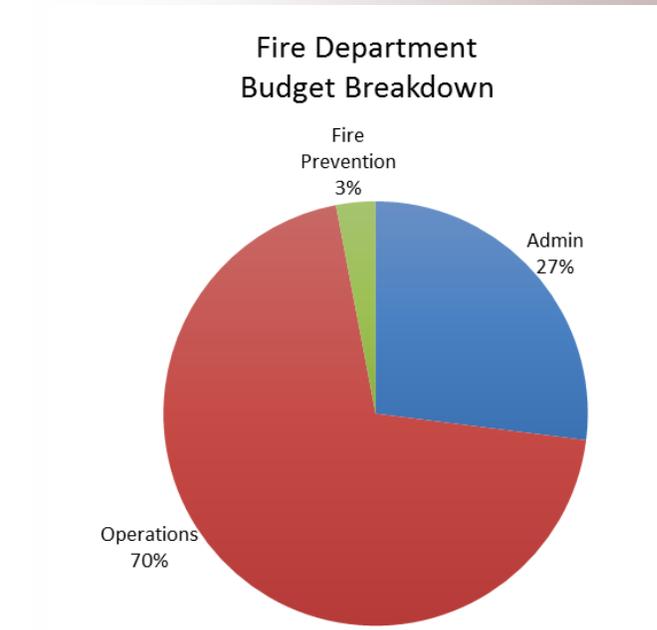
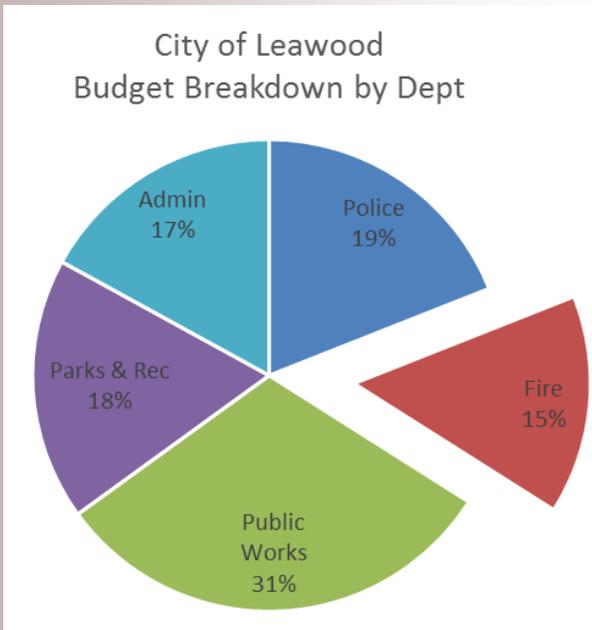
Our quest for accreditation from the Commission on Fire Accreditation International (CFAI) as discussed on page 6 has been a long and rewarding journey. We improved tremendously as an organization just by working through the process. We worked to develop enhanced relationships with our citizens, governing body, fellow municipal departments, and outside support agencies that will serve us well into the future. This support was highlighted by the presence of Mayor Peggy Dunn and City Administrator Scott Lambers at our CFAI Commission hearing. We were particularly proud when we received a unanimous vote for accreditation from the Commission without a single question. We were told that this is extremely rare and shows the effort and professionalism that went into our preparation. We are now one of only 218 currently accredited fire departments worldwide. Expectations for growth and improvement only increase from here as we strive to remain accredited through annual compliance reports and a complete re-accreditation process every five years.

As mentioned on page 4 of this report, we had an Insurance Standards Office (ISO) review in November. The ISO standards recently changed and we are hopeful for a rating increase. An ISO review not only looks at a community's fire protection but also its water supply and emergency communications center. Water District #1 of Johnson County (WaterOne) and the Johnson County Emergency Communications Center both proved their excellence in their respective fields with top ratings. An improvement in our ISO rating has been one of the goals we have been working towards along with accreditation for the last three years in an effort to enhance our service and efficiency for the City of Leawood. We should receive our review results in early 2016.

**2015 Fire Department Budget: \$7,328,163**

**Fire Department Personnel**  
 Total Department Personnel: 53.69

- Administration Positions: 4
- Fire Prevention Positions: 2
- Operations Positions: 47.69



# 2015 Fire Department Incidents by Leawood Map Grid

(Each Grid is 1 Square Mile & Matches Census Grids)

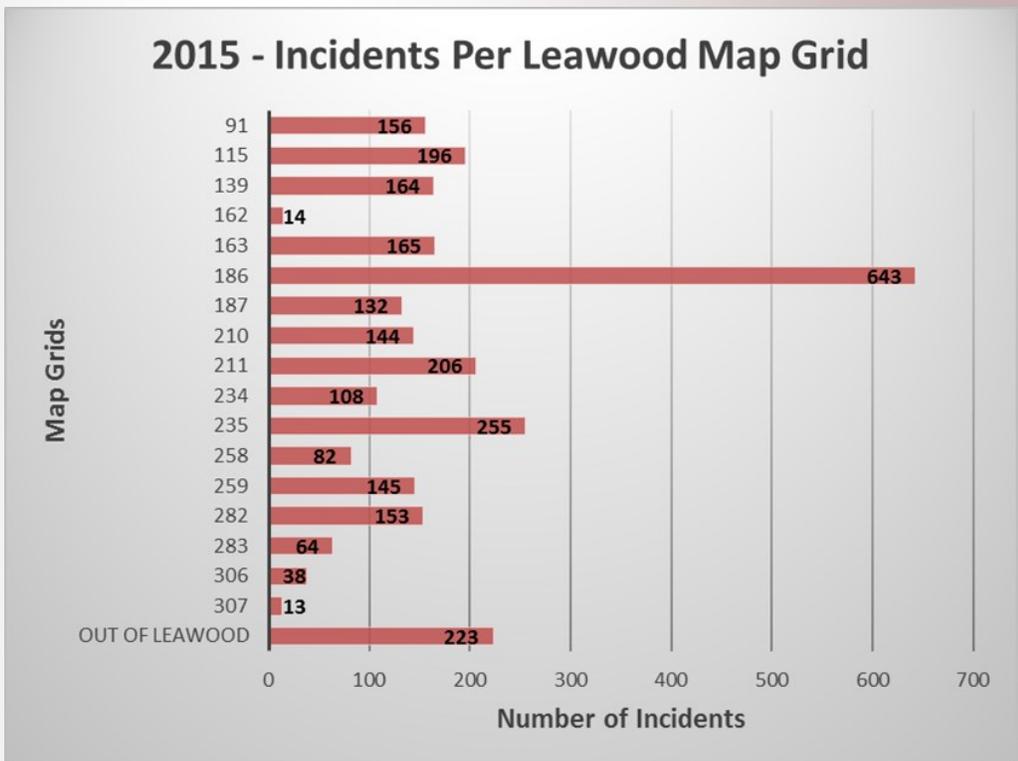
## City of Leawood Grids



## Incident Type Per Grid for 2015

Grid	Fire	EMS	HazMat	Rescue	Other	Total	% of Total
91	2	65	10	0	79	156	5%
115	7	116	5	0	68	196	7%
139	3	86	3	0	72	164	6%
162	0	2	0	0	12	14	<1%
163	6	100	6	0	53	165	6%
186	4	481	8	1	149	643	22%
187	5	63	3	0	61	132	5%
210	6	82	2	0	54	144	5%
211	2	123	8	0	73	206	7%
234	4	56	5	2	41	108	4%
235	4	184	1	0	66	255	9%
258	2	46	5	0	29	82	3%
259	3	73	1	0	68	145	5%
282	3	100	5	0	45	153	5%
283	3	33	6	0	22	64	2%
306	0	26	1	0	11	38	1%
307	0	4	0	0	9	13	<1%
<b>Out of Leawood</b>	33	158	10	5	17	223	8%
<b>Total</b>	<b>87</b>	<b>1,798</b>	<b>79</b>	<b>8</b>	<b>929</b>	<b>2,901</b>	

## Number of Incidents Per Grid for 2015



## 2015 Highlights

### HeartSafe Heroes Celebration

As most have probably noticed, there has been an increased local push on at least basic hands-only CPR training. The story about Save-A-Life Weekend at The Church of the Resurrection on the cover of this newsletter illustrates this. Johnson County only had a 19% bystander CPR rate in 2014, falling far below the national average of 33%. To help improve these results, the Leawood Fire Department is part of the Johnson County Heartsafe initiative which is pushing hands-only CPR training. Over 28,000 people were trained county wide in the first year which ended in June of 2015.

On July 27<sup>th</sup>, members of Johnson County HeartSafe hosted a “HeartSafe Heroes Celebration” at Johnson County Community College. The event was MC’d by Anne Peterson, former KC news anchor and CPR advocate. Five representative cases from Johnson County over the last year were selected for recognition. Each of these cases involved the complete system working starting with bystander CPR. For each case, the survivor was present along with bystander rescuers, emergency dispatchers, first responders (Fire, EMS, PD), and hospital staff. Each survivor (and family) got a chance to tell their story. Survivors included a now 14 year old (13 at the time of cardiac arrest) and his family.

Leawood was represented by a call at Carma Restaurant which occurred in January of this year. A woman left her husband and kids at the table to use the restroom and collapsed in the bathroom in full cardiac arrest, striking her face on the floor in the process. Luckily, another patron was in there and summoned the manager, Richmond Carson, who immediately began CPR. LPD Officer Sara Bednarik was the first responder on scene with her AED, assisting the manager with CPR and administering the AED. She was followed by LFD Rescue 32 and BC 32 with Battalion Chief Jarrett Hawley, Captain Darren Riley, Master Firefighter III Jeff Cox, and Master Firefighter III Patrick Gillcrist. Eventually, a Med-Act ambulance and OPFD squad unit showed up to help. The

patient was transported to Menorah Medical Center and made a full recovery. The celebration was a very rewarding and emotional experience for all involved.



Pictured Leawood personnel: Lower Level:  
5<sup>th</sup> from L – MFF Patrick Gillcrist  
6<sup>th</sup> from L – Captain Darren Riley  
Far R – LPD Officer Sara Bednarik

### Advanced Life Support

The Leawood Fire Department currently handles EMS calls at the Basic Life Support (BLS) level. All LFD members are required to be certified Emergency Medical Technicians (EMTs) at a minimum. The LFD started an initiative in 2015 to train select members to the Paramedic level for delivery of Advanced Life Support (ALS). The LFD currently has two members certified as Paramedics with four more in training. It takes two additional years of full time formal training to move from EMT to Paramedic. The LFD could be running calls at the ALS level as soon as mid 2017. Paramedics can deliver medications, start IVs, perform invasive airway and medical procedures and other advanced live saving procedures.

### LFD ISO Rating - May Be Changing!

The Leawood Fire Department currently carries an Insurance Standards Office (ISO) rating of Class 3 for its fire protection. However, The LFD had a review on Nov. 24, 2015 under the new ISO guidelines and all signs point to a rating increase! The official results will be known in early 2016. ISO is the leading supplier of statistical, underwriting, and actuarial information for the property/casualty insurance industry. Most insurers use the PPC classifications for underwriting and calculating premiums for residential, commercial and industrial properties. The ISO rating classification is provided on a scale of 1-10, with 1 considered as “exemplary”, and 10 considered “without protection.”

# 2015 Highlights

## LFD Live Fire Training

The Leawood Fire Department has the responsibility to respond to emergencies requiring high risk but low frequency actions. This necessitates training in these key areas. The department spent three days in May at the South Platte Fire Protection District utilizing their Class A burn tower and training facility. A Class A burn tower is the most realistic type of live fire training prop because it burns ordinary combustibles (wood). This means a much more realistic (and intense) level of heat, not to mention real smoke. Of course, an actual wood burning fire has a real world reaction to suppression activities as well. The South Platte training center also offers the opportunity for a variety of other training scenarios such as roof ventilation props 2-3 stories in the air, forcible entry props, negotiating a confined space environment, and advancing hoselines through rooms and stairways, just to name a few. The

LFD makes every attempt to utilize South Platte one to two times per year. The LFD also utilizes the Overland Park Training Tower several times a year which allows for gas-fed fire training as well as tower work.



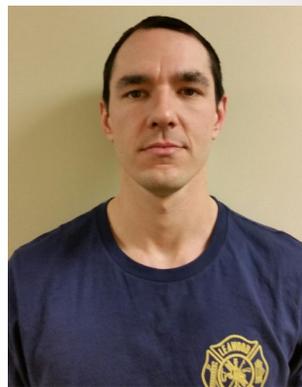
## LFD Welcomed New Firefighters in 2015!



Justin Benton  
On-Call Firefighter  
December 9th, 2015



Mason Fiate  
On-Call Firefighter  
December 9th, 2015



Vincent Girardi  
On-Call Firefighter  
December 9th, 2015



Jeff Vaughn  
Firefighter  
October 5th, 2015

# Fire Department Accreditation

On August 26<sup>th</sup>, the LFD received a unanimous vote for accreditation by members of the Commission on Fire Accreditation International (CFAI), a subsidiary of the Center for Public Safety Excellence (CPSE). The LFD had been working towards this goal for approximately three years. The LFD hearing was one of 31 hearings scheduled over two days and even included a department from Qatar. What made the LFD hearing unique is that the Commission did not have any clarifying questions or concerns before their vote. In contrast, the department before LFD was deferred (giving them a year to correct deficiencies), and the department before that was extensively questioned for 30 minutes prior to their vote. According to CFAI officials, this was a direct reflection of the professionalism of the City of Leawood and the Fire Department. In total over these two days, 29 agencies were accredited with 14 of those being first time agencies (the rest were re-accreditations) and two agencies were deferred.

In attendance at the hearings representing LFD were Mayor Peggy Dunn, City Administrator Scott Lambers, Fire Chief David Williams, Training Chief Colin Fitzgerald (Accreditation Manager), and Battalion Chief Jarrett Hawley. Also at the table was Brian Dean, the team leader for the site review team that evaluated the department. The Commission was very appreciative of the support shown by the presence of the Mayor and the City Administrator.

This accreditation not only reflects well on the Fire Department since it took hard work at all levels but on the City as a whole since the evaluation included critical infrastructure such as Governing Body support, City Administration, Human Resources, Finance, Public Works Maintenance, etc. Outside support agencies were also a part including county response partners, the Johnson County Emergency Communications Center, and Water District #1 of Johnson County.

There are over 30,000 recognized fire departments in the U.S. with over 10,000 of those utilizing paid personnel. The LFD joins a very select group of accredited departments as there are only now 218 in the world. Only seven of those are in Kansas with four being in Johnson County.

To maintain accredited status, The LFD is now required to submit an annual compliance report and will repeat the entire process every five years. Progress and growth must be shown. To sum it up, Accreditation is a continuous process of improvement, not a one time project.



Pictured L to R: Battalion Chief Jarrett Hawley, Training Chief Colin Fitzgerald, CFAI Commission Chair Steve Westermann, Fire Chief David Williams, Mayor Peggy Dunn, City Administrator Scott Lambers.

## LFD Annual Data

	2013	2014	2015
Annual Budget	\$6,456,521	\$6,690,191	\$7,328,163
Total Incidents	2,667	2,740	2,901
Fire Incidents	66	70	84
EMS Incidents	1,678	1,743	1,779
Technical Rescue Incidents	9	3	5
Haz Mat Incidents	77	68	74
Other Calls for Service	837	856	959
Call Handling Time (Dispatch) 90th Percentile Baseline Performance	:38	:39	:50
Turnout Time (Reaction—dispatch to enroute) 90th Percentile Baseline Performance	1:23	1:25	1:27
Travel Time—1st Unit on Scene 90th Percentile Baseline Performance	5:18	5:48	5:21
Travel Time—Effective Response Force 90th Percentile Baseline Performance	8:16	8:29	8:46
Total Response Time—1st Unit on Scene 90th Percentile Baseline Performance	6:35	7:03	6:52
Total Response Time—Effective Response Force 90th Percentile Baseline Performance	9:16	9:29	10:07
Total Fire Loss	\$460,826	\$994,059	\$998,770
Total Value Saved—Fire Incidents	\$2,407,500	\$33,207,841	\$39,205,120
Fire Department Personnel Total Individual Training Hours	14,626	27,243	13,620
Fire Code Inspections New Construction & Existing Occupancies	766	841	929

### A Change in Data Reporting

Historically, departments have reported response time averages and have only focused on travel time. Industry best practices require departments to look at response time data in percentiles rather than averages. The standard percentile used is 90%. So instead of saying the LFD takes 5 minutes on average to get to a call, we now report the time that falls at the 90th percentile. This allows analysis of the vast majority of times instead of just roughly half. The remaining 10% allows for outliers that can falsely skew data such as one time extreme events like road blockage. This is a much more accurate representation of true times and allows for more detailed analysis and identification of improvement solutions. Additionally, the LFD no longer only looks at travel times. Instead, an incident is broken down into call processing (911 call until unit dispatch), turnout time (time for crews to respond after being dispatched), travel time (time from turnout to arrival), and total response time (all the above added together). These times are figured both for first unit to arrive and also the entire “Effective Response Force”, the total resources needed to handle the incident effectively.

## LFD Fire Stations



Station 31  
9609 Lee Blvd  
913-266-0610



Station 32  
12701 Mission Rd  
913-266-0620



Station 33 / Admin  
14801 Mission Rd  
913-266-0630

## Community Services

The Leawood Fire Department provides a wide array of public services. Some of the more common are listed below. Contact 913-266-0600 for more information.

- Blood Pressure Checks
- CPR/AED/1st Aid Classes
- Hands-Only CPR Training
- Fire Extinguisher Training
- C.E.R.T. - Community Emergency Response Team Training
- Fire Inspections
- Fire Investigations
- Firefighter Visits
- Fire Station Tours
- Juvenile Fire Setter Intervention
- School Programs
- Car Seat Installation
- Home Safety Checks
- Detector Assistance

City of Leawood Fire Department  
14801 Mission Road  
Leawood, KS 66224

Phone: 913-681-6788 Fax: 913-681-2399  
LFD Website: [www.leawood.org/fire](http://www.leawood.org/fire)